

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037920.D
 Acq On : 09 Dec 2022 17:07
 Operator : CG/JU
 Sample : N5896-11 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXM9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Title : SVOA CALIBRATION

Signal : TIC: BM037920.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.081	791	798	806	rBV	919169	1425248	5.06%	0.552%
2	10.904	1270	1278	1283	rBV	1271701	2118085	7.53%	0.820%
3	10.951	1283	1286	1293	rVB	199180	311806	1.11%	0.121%
4	12.551	1552	1558	1564	rVB	227834	330849	1.18%	0.128%
5	12.769	1585	1595	1605	rVB	543624	872089	3.10%	0.338%
6	13.551	1720	1728	1733	rBV	333674	498725	1.77%	0.193%
7	14.034	1802	1810	1816	rBV	581421	1042107	3.70%	0.404%
8	14.269	1846	1850	1854	rVV	375728	576260	2.05%	0.223%
9	14.410	1868	1874	1875	rBV	209569	298029	1.06%	0.115%
10	14.434	1875	1878	1887	rVB	309236	474569	1.69%	0.184%
11	14.710	1920	1925	1931	rVB	1815076	2680616	9.53%	1.038%
12	14.781	1931	1937	1944	rVB	7402173	10593492	37.64%	4.102%
13	14.916	1954	1960	1968	rVB3	148896	350012	1.24%	0.136%
14	15.022	1969	1978	1982	rBV	348782	579967	2.06%	0.225%
15	15.110	1986	1993	2000	rBV	4036537	5704449	20.27%	2.209%
16	15.181	2000	2005	2009	rBV	194730	258960	0.92%	0.100%
17	15.322	2023	2029	2034	rBV2	226193	390016	1.39%	0.151%
18	15.375	2034	2038	2044	rVV2	194844	276811	0.98%	0.107%
19	15.492	2050	2058	2061	rBV3	135228	290934	1.03%	0.113%
20	15.698	2090	2093	2097	rVV	282861	387006	1.38%	0.150%
21	15.757	2097	2103	2112	rVV	7829889	11638950	41.36%	4.507%
22	15.845	2112	2118	2120	rVV2	305560	486232	1.73%	0.188%
23	15.881	2120	2124	2126	rVV	560792	822469	2.92%	0.318%
24	15.916	2126	2130	2134	rVV2	692217	1097857	3.90%	0.425%
25	15.963	2134	2138	2141	rVV	235913	396429	1.41%	0.154%
26	16.004	2141	2145	2148	rVV	454197	670708	2.38%	0.260%
27	16.045	2148	2152	2158	rVB	939600	1344756	4.78%	0.521%
28	16.192	2168	2177	2184	rBV	933896	1957212	6.96%	0.758%
29	16.281	2190	2192	2198	rVB	197470	272526	0.97%	0.106%
30	16.398	2207	2212	2214	rBV2	346305	506799	1.80%	0.196%
31	16.428	2214	2217	2222	rVB3	380425	580091	2.06%	0.225%
32	16.545	2233	2237	2243	rVB3	152712	247197	0.88%	0.096%
33	16.751	2261	2272	2277	rBV2	758566	1651282	5.87%	0.639%
34	16.804	2277	2281	2287	rVV2	329372	495404	1.76%	0.192%
35	16.904	2294	2298	2302	rVB	367748	486212	1.73%	0.188%
36	16.980	2303	2311	2314	rBV2	307011	652493	2.32%	0.253%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
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37	17.022	2314	2318	2321	rVB3	243912	328931	1.17%	0.127%
38	17.104	2328	2332	2339	rVB4	220180	359596	1.28%	0.139%
39	17.180	2340	2345	2352	rVV3	441519	1038193	3.69%	0.402%
40	17.275	2356	2361	2370	rVB	1514043	2254705	8.01%	0.873%
41	17.457	2386	2392	2395	rBV	2207670	3529143	12.54%	1.367%
42	17.504	2395	2400	2406	rVV	16569171	26979626	95.87%	10.448%
43	17.598	2409	2416	2421	rVV	17093325	27984664	99.44%	10.837%
44	17.645	2421	2424	2429	rVB	468031	683489	2.43%	0.265%
45	17.727	2434	2438	2446	rVV	307664	534245	1.90%	0.207%
46	17.857	2454	2460	2469	rBV	5576281	7963278	28.30%	3.084%
47	17.927	2469	2472	2475	rVV2	199440	273332	0.97%	0.106%
48	17.969	2475	2479	2485	rVV2	424343	641765	2.28%	0.249%
49	18.033	2486	2490	2497	rVB2	235116	419976	1.49%	0.163%
50	18.169	2510	2513	2523	rVB	172461	405724	1.44%	0.157%
51	18.286	2530	2533	2535	rBV	204615	256275	0.91%	0.099%
52	18.327	2535	2540	2544	rVV	1420087	2006538	7.13%	0.777%
53	18.375	2544	2548	2554	rVB	1999776	2767855	9.84%	1.072%
54	18.457	2555	2562	2567	rBV	1232136	1824015	6.48%	0.706%
55	18.527	2567	2574	2585	rBV2	5491233	9401694	33.41%	3.641%
56	18.622	2585	2590	2594	rBV3	347532	516585	1.84%	0.200%
57	18.669	2594	2598	2602	rVB	227450	260953	0.93%	0.101%
58	18.716	2602	2606	2610	rBV4	187196	304741	1.08%	0.118%
59	18.822	2619	2624	2628	rBV	782506	1013443	3.60%	0.392%
60	18.869	2628	2632	2637	rVB2	558735	712412	2.53%	0.276%
61	19.063	2662	2665	2670	rVB4	265868	346987	1.23%	0.134%
62	19.116	2670	2674	2677	rVV	258868	306841	1.09%	0.119%
63	19.151	2677	2680	2684	rVB	293754	347224	1.23%	0.134%
64	19.239	2689	2695	2700	rBV2	597151	1106983	3.93%	0.429%
65	19.304	2701	2706	2709	rBV2	389456	559182	1.99%	0.217%
66	19.516	2734	2742	2746	rBV	17391707	28140846	100.00%	10.897%
67	19.563	2747	2750	2753	rVV	240608	301478	1.07%	0.117%
68	19.598	2753	2756	2760	rVB	515428	631282	2.24%	0.244%
69	19.745	2775	2781	2791	rVB2	860691	1667457	5.93%	0.646%
70	19.839	2791	2797	2798	rVV	3559374	5139159	18.26%	1.990%
71	19.874	2798	2803	2809	rVV	14029977	21891212	77.79%	8.477%
72	19.933	2809	2813	2819	rVB2	664028	979456	3.48%	0.379%
73	20.039	2827	2831	2837	rVB	944827	1206629	4.29%	0.467%
74	20.110	2838	2843	2849	rVB	837865	1186614	4.22%	0.460%
75	20.180	2849	2855	2862	rBV4	861287	2122597	7.54%	0.822%
76	20.239	2862	2865	2869	rBV	215472	277289	0.99%	0.107%

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Peak separation: 5

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77	20.357	2873	2885	2889	rVB	2546317	4902178	17.42%	1.898%
78	20.398	2889	2892	2896	rBV	236074	288578	1.03%	0.112%
79	20.457	2897	2902	2905	rBV	2326855	3090787	10.98%	1.197%
80	20.510	2905	2911	2915	rVV2	901516	1739608	6.18%	0.674%
81	20.551	2915	2918	2921	rVV	411211	460945	1.64%	0.179%
82	20.592	2922	2925	2930	rVB3	246953	360539	1.28%	0.140%
83	20.651	2932	2935	2939	rBV2	543175	727825	2.59%	0.282%
84	20.698	2939	2943	2947	rVB	495354	587930	2.09%	0.228%
85	20.939	2981	2984	2987	rBV2	469254	628154	2.23%	0.243%
86	21.057	3000	3004	3009	rBV	404506	745138	2.65%	0.289%
87	21.268	3036	3040	3043	rBV	963913	1228929	4.37%	0.476%
88	21.304	3043	3046	3050	rVV2	977203	1224842	4.35%	0.474%
89	21.345	3050	3053	3057	rVB2	888536	1119071	3.98%	0.433%
90	21.610	3090	3098	3104	rBV2	4475927	9873626	35.09%	3.824%
91	21.663	3104	3107	3118	rVB	3926622	5571440	19.80%	2.158%
92	21.792	3125	3129	3135	rVB	707709	1048736	3.73%	0.406%
93	21.957	3153	3157	3163	rVB2	415899	649950	2.31%	0.252%
94	22.386	3227	3230	3234	rVV2	256514	350380	1.25%	0.136%
95	22.433	3235	3238	3241	rVV2	283766	455780	1.62%	0.176%
96	22.474	3242	3245	3251	rVB2	472845	695571	2.47%	0.269%
97	23.351	3388	3394	3400	rBV	1988728	4889288	17.37%	1.893%
98	23.892	3480	3486	3492	rBV	941403	1802042	6.40%	0.698%
99	23.998	3499	3504	3511	rVB	1139702	2166838	7.70%	0.839%
100	24.109	3517	3523	3528	rBV2	1177214	2185078	7.76%	0.846%

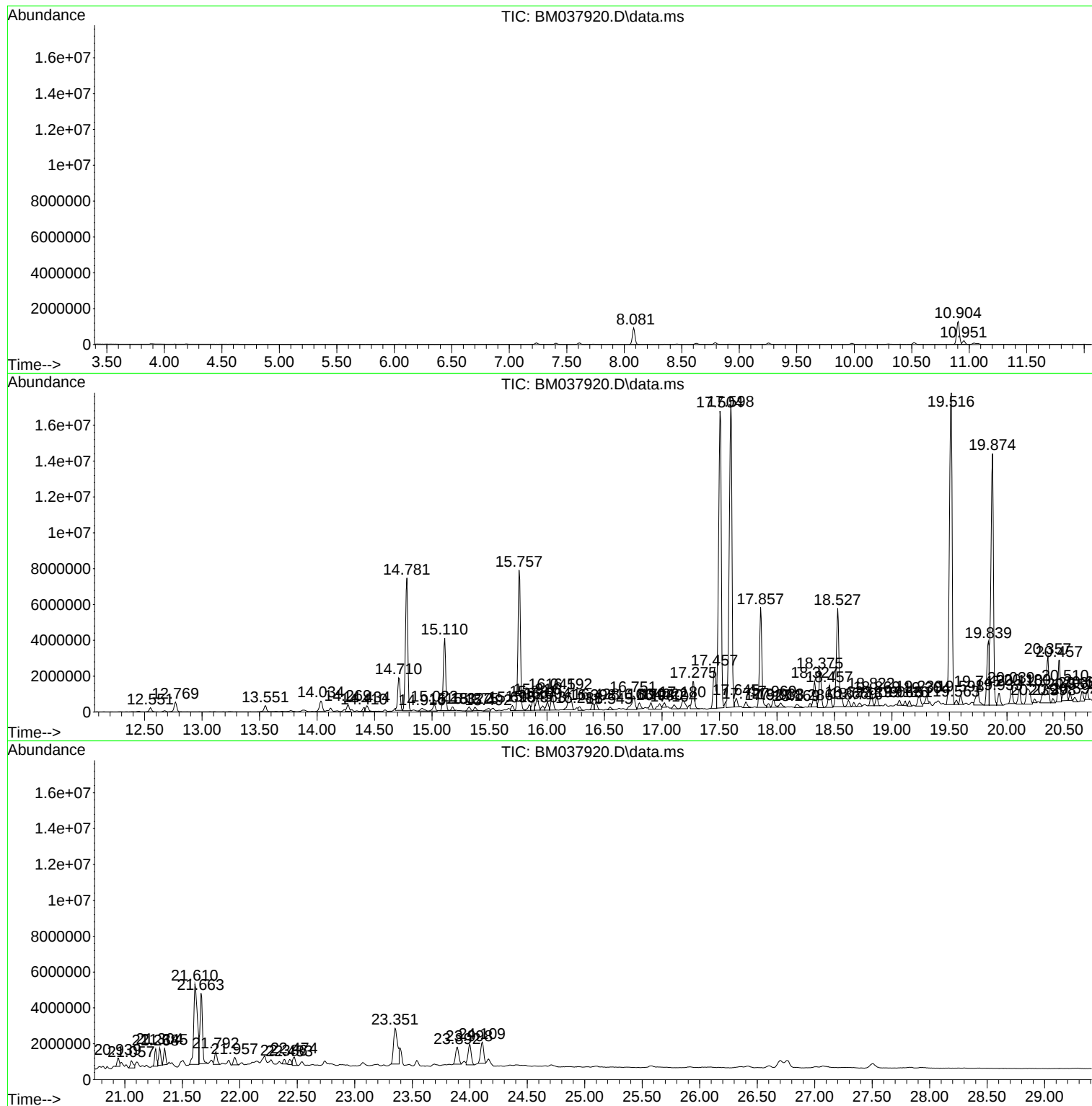
Sum of corrected areas: 258232314

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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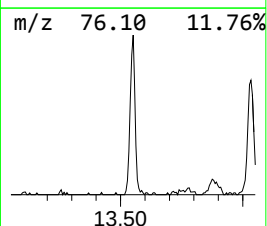
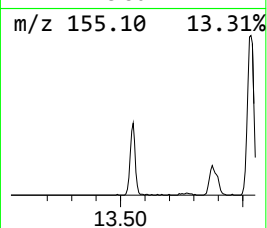
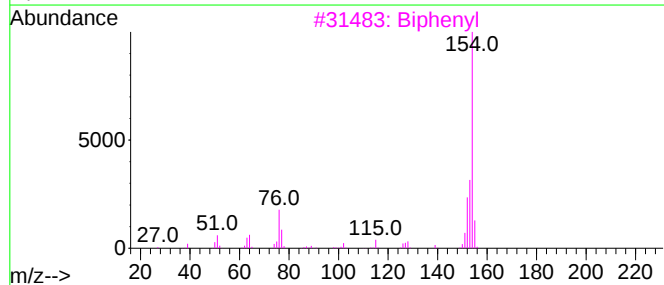
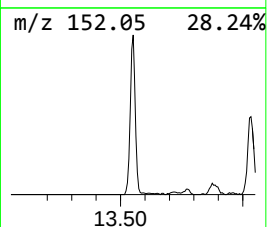
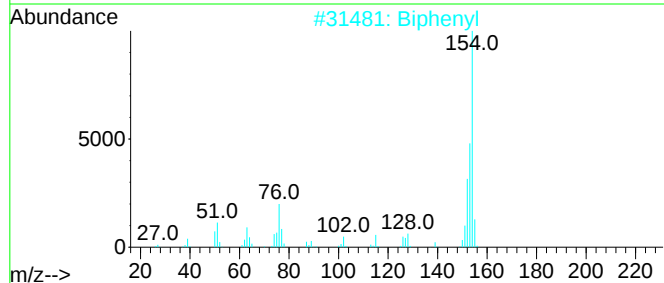
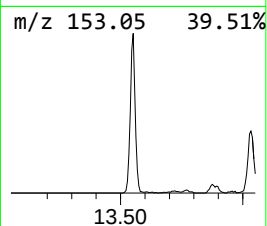
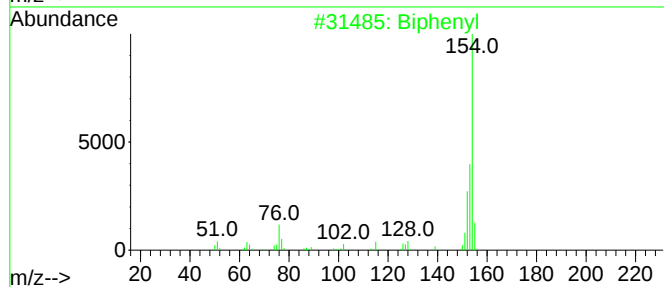
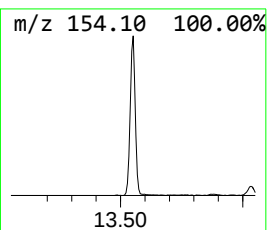
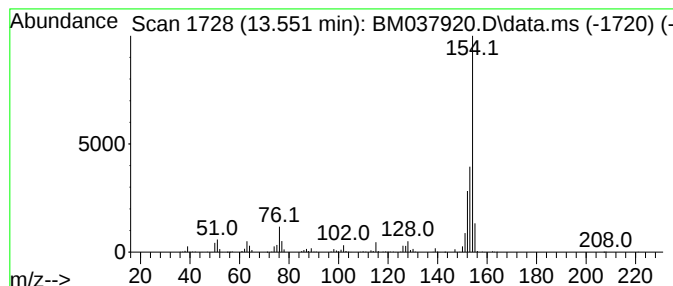
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Biphenyl Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.551	3.72 ng/ul	498725	Acenaphthene-d10	14.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl			154	C12H10	000092-52-4	95
2	Biphenyl			154	C12H10	000092-52-4	93
3	Biphenyl			154	C12H10	000092-52-4	93
4	Biphenyl			154	C12H10	000092-52-4	92
5	Naphthalene, 2-ethenyl-			154	C12H10	000827-54-3	91



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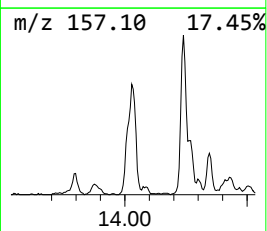
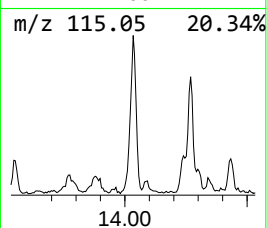
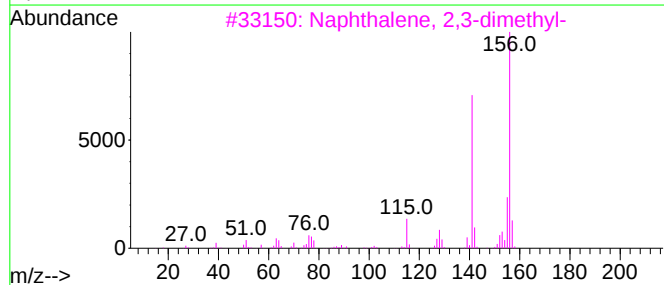
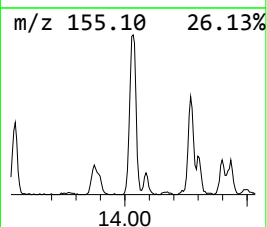
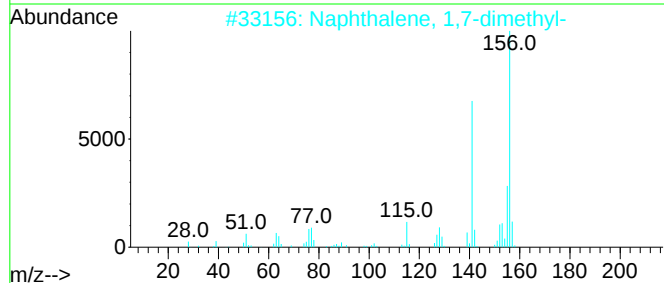
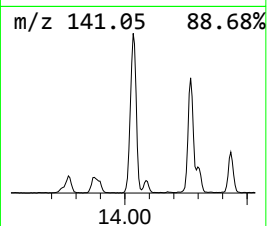
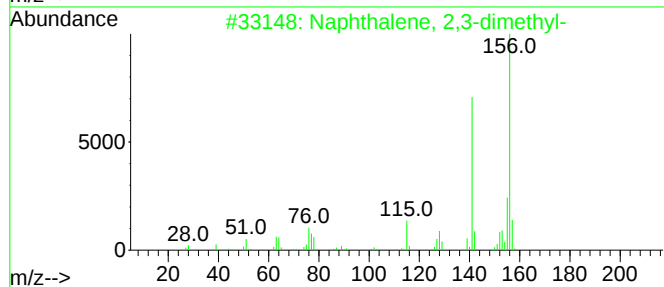
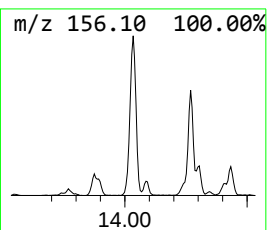
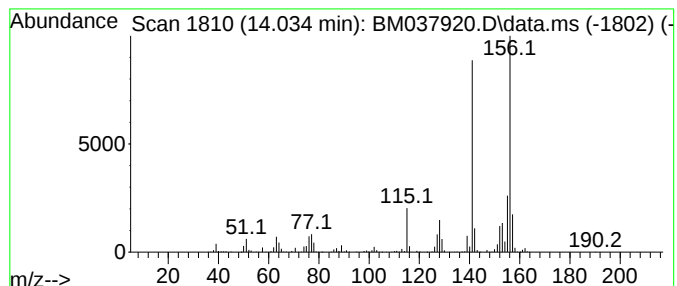
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.034	7.78 ng/ul	1042110	Acenaphthene-d10	14.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



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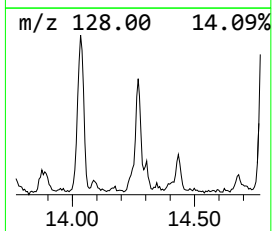
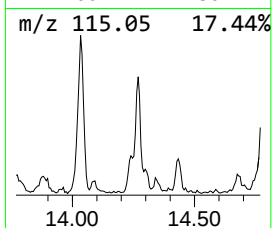
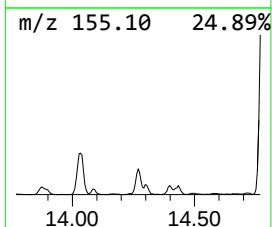
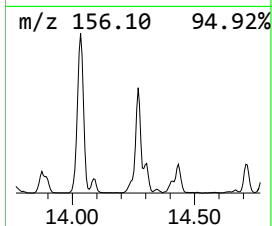
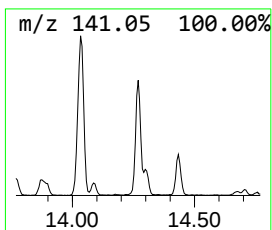
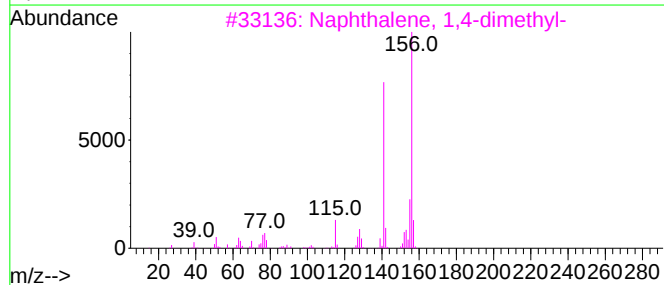
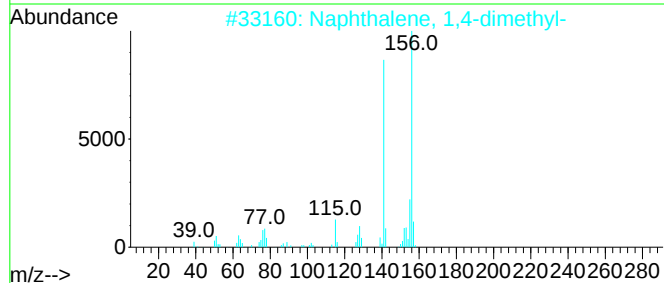
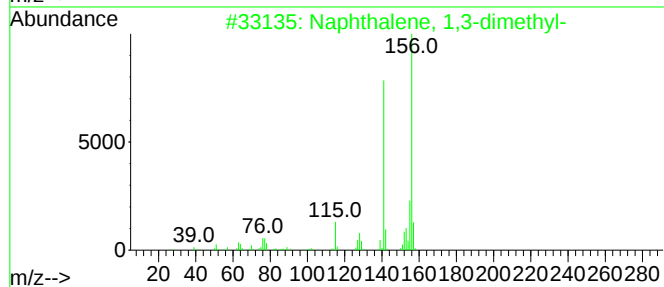
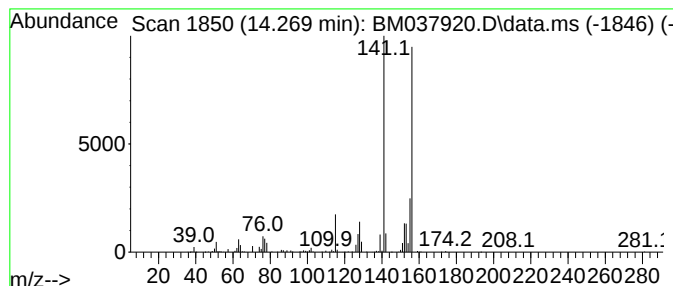
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	4.30 ng/ul	576260	Acenaphthene-d10	14.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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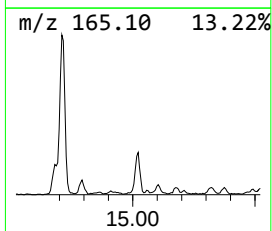
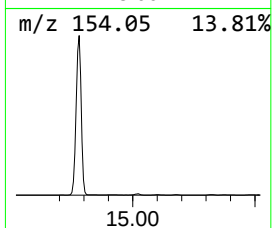
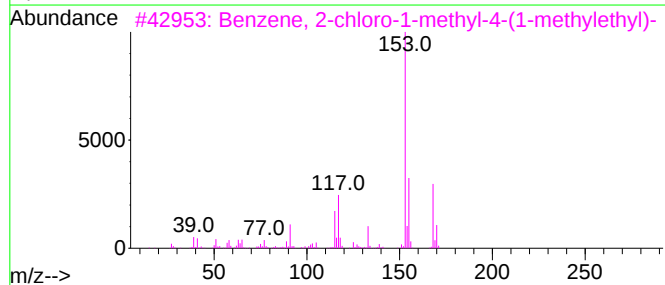
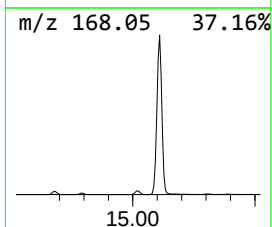
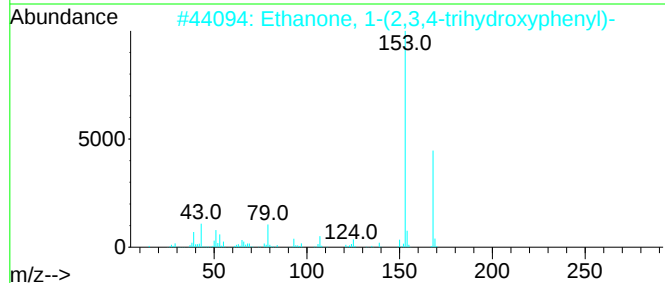
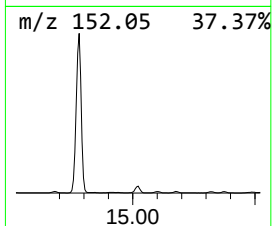
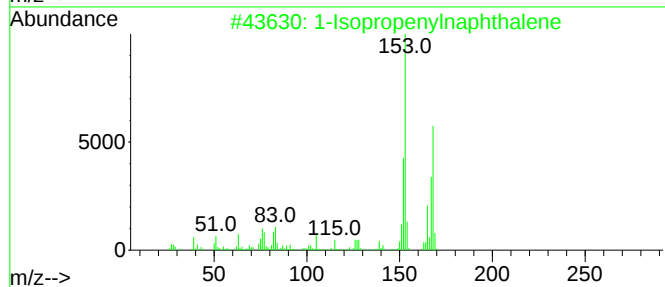
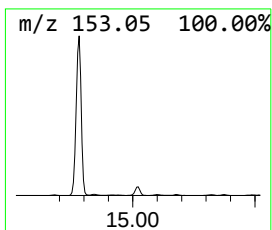
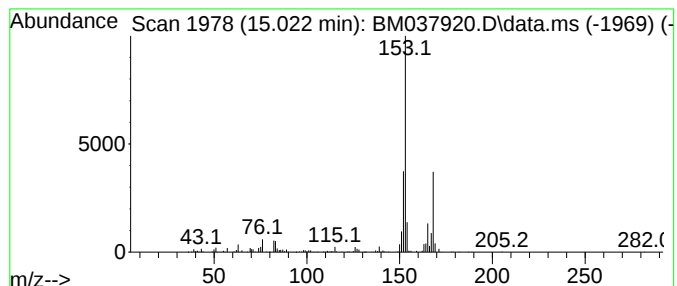
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Isopropenylnaphthalene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.022	4.33 ng/ul	579967	Acenaphthene-d10	14.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
3			Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	53
4			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
5			Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
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Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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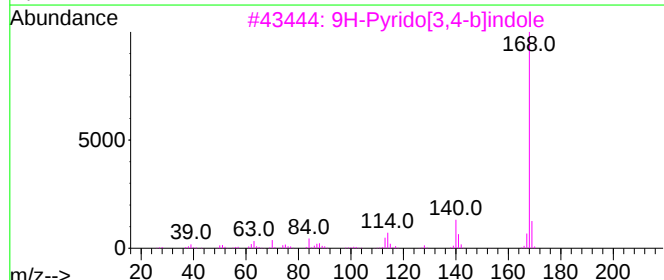
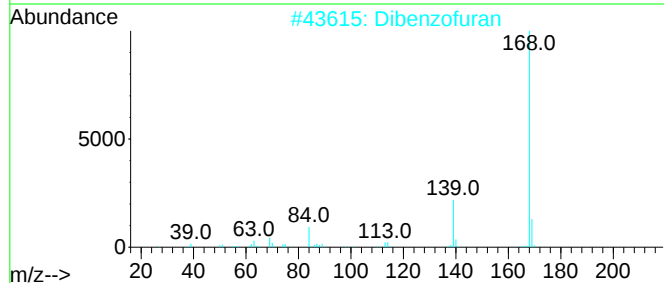
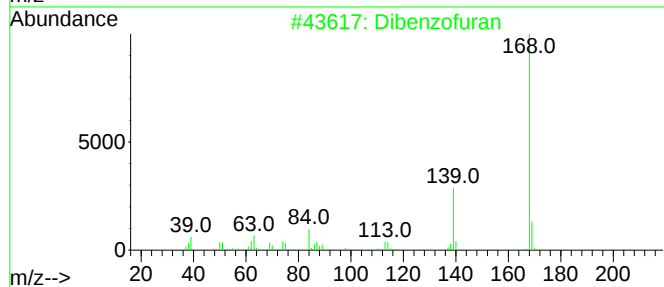
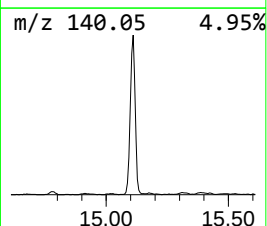
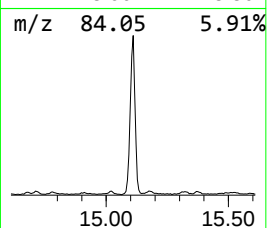
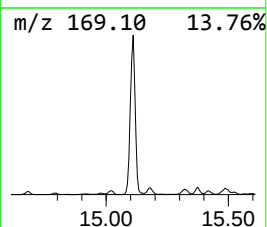
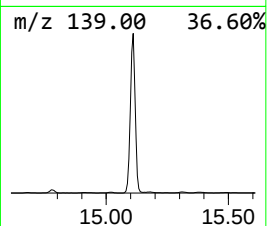
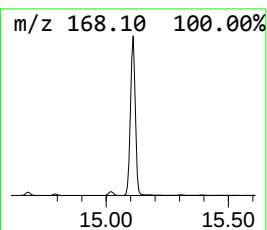
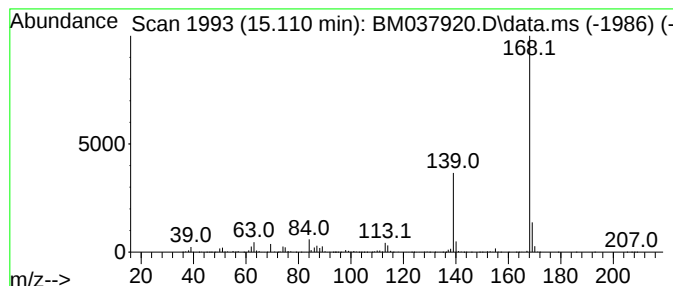
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dibenzofuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	42.56 ng/ul	5704450	Acenaphthene-d10	14.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	91
2			Dibenzofuran	168	C12H8O	000132-64-9	87
3			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	72
4			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	64
5			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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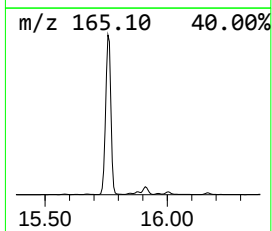
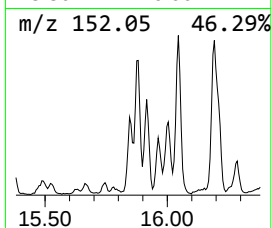
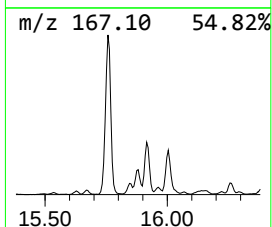
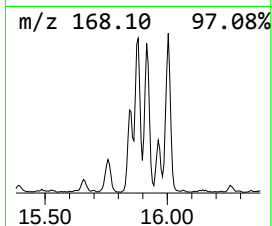
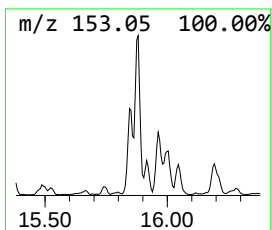
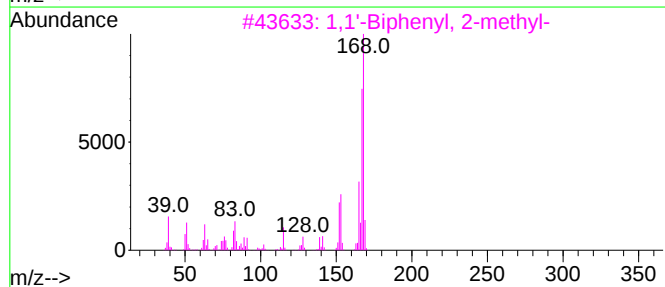
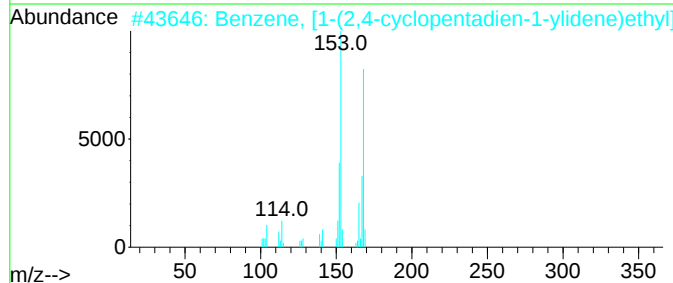
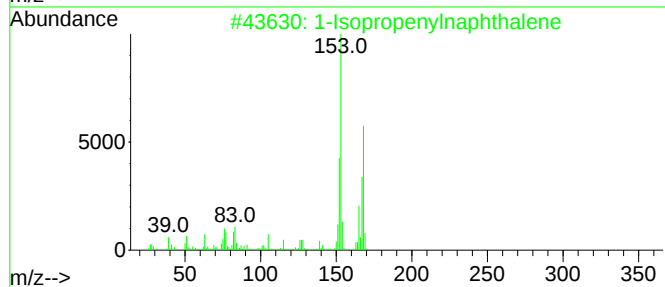
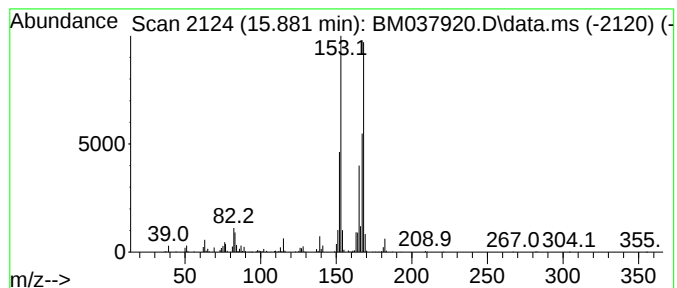
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, [1-(2,4-cyclopenta... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.881	6.14 ng/ul	822469	Acenaphthene-d10	14.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	90
2			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
4			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46
5			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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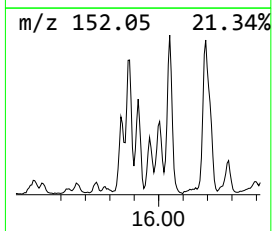
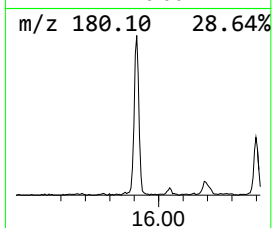
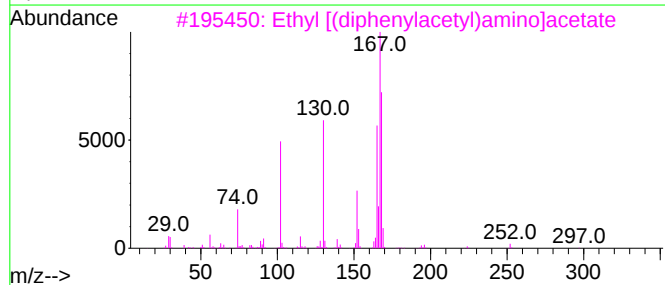
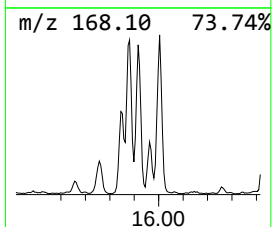
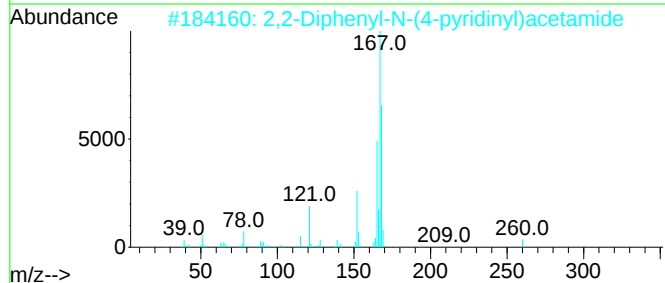
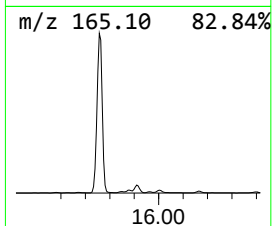
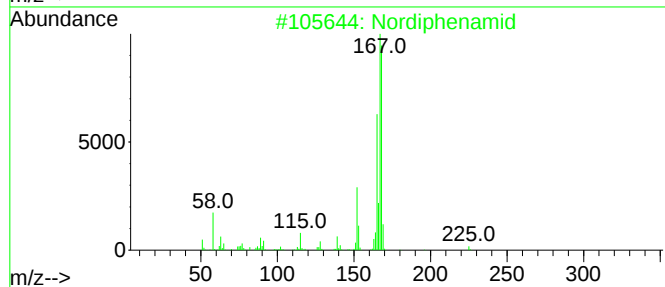
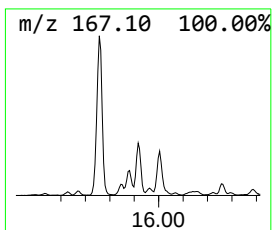
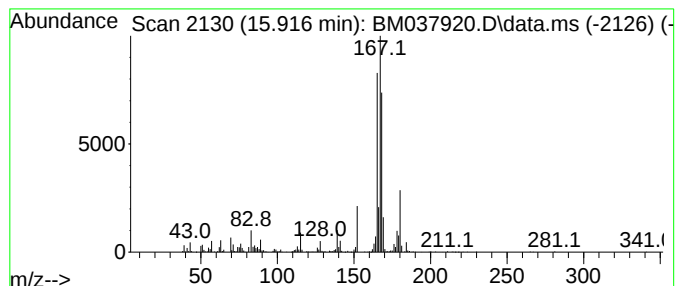
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Nordiphenamid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.916	8.19 ng/ul	1097860	Acenaphthene-d10	14.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nordiphenamid	225	C15H15NO	000954-21-2	64
2			2,2-Diphenyl-N-(4-pyridinyl)acet...	288	C19H16N2O	073110-31-3	59
3			Ethyl [(diphenylacetyl)amino]ace...	297	C18H19NO3	006325-31-1	59
4			Diphenylmethane	168	C13H12	000101-81-5	49
5			Diphenylmethane	168	C13H12	000101-81-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
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Acq On : 09 Dec 2022 17:07
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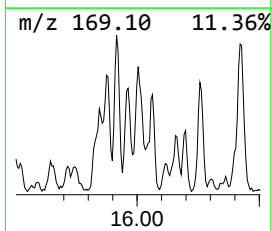
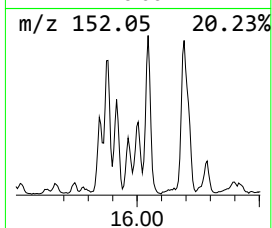
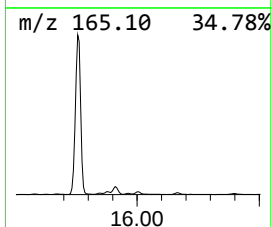
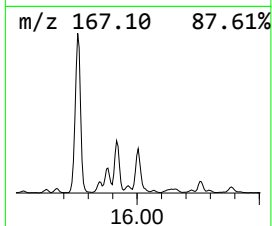
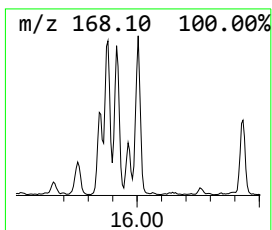
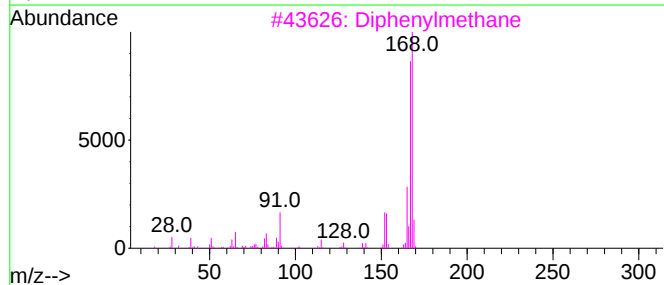
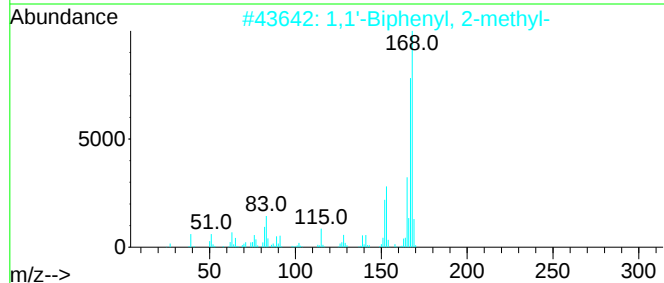
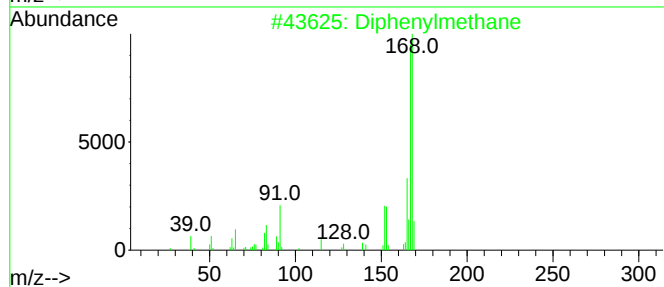
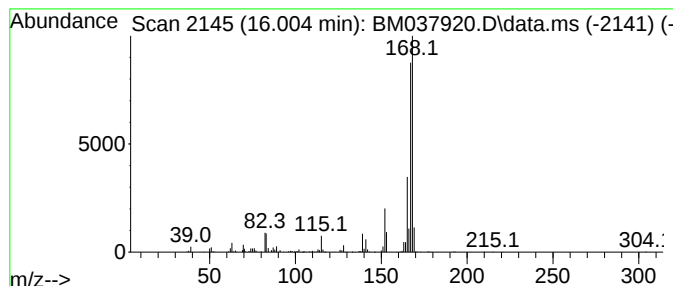
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Diphenylmethane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.004	5.00 ng/ul	670708	Acenaphthene-d10	14.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenylmethane	168	C13H12	000101-81-5	83
2			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
3			Diphenylmethane	168	C13H12	000101-81-5	80
4			Nordiphenamid	225	C15H15NO	000954-21-2	64
5			Diphenylmethane	168	C13H12	000101-81-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

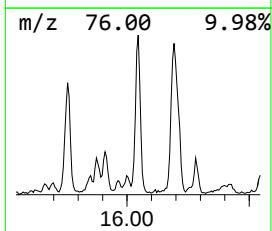
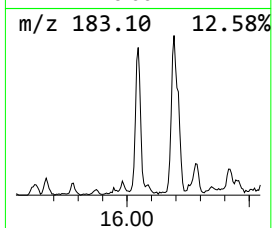
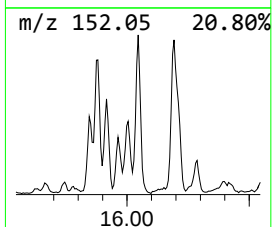
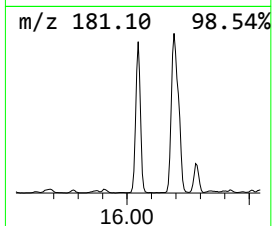
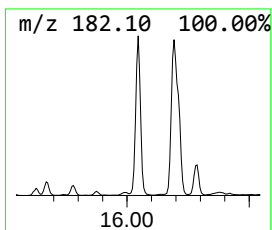
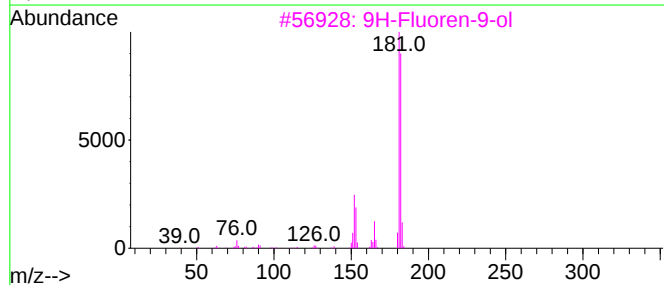
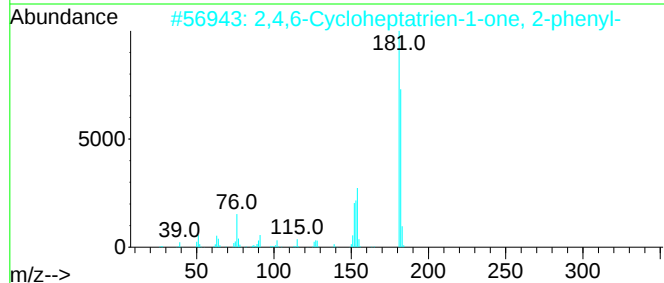
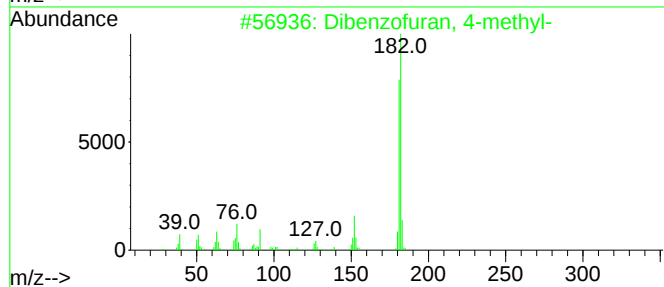
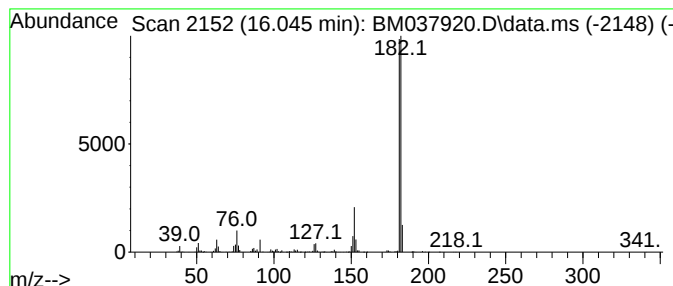
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.045	10.03 ng/ul	1344760	Acenaphthene-d10	14.710	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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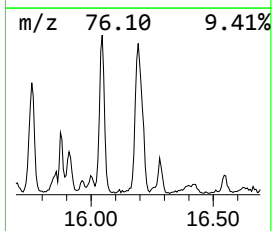
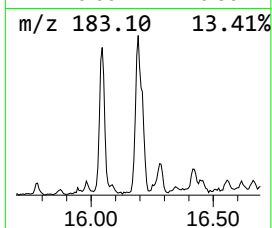
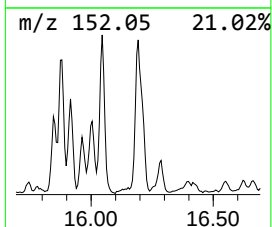
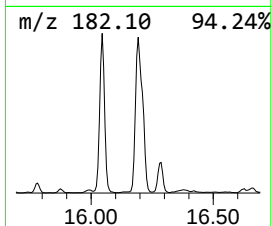
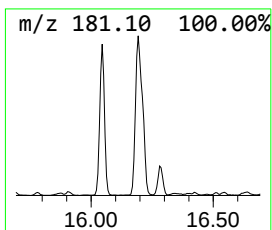
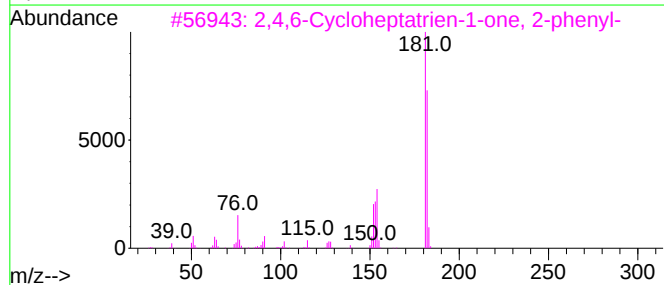
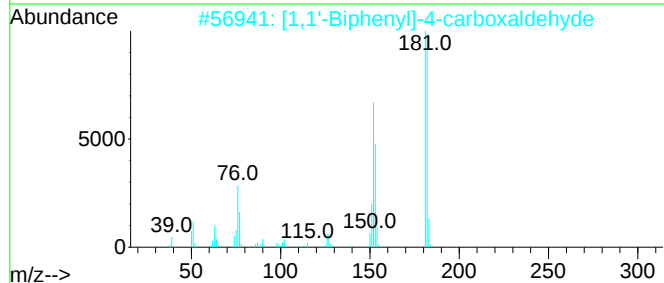
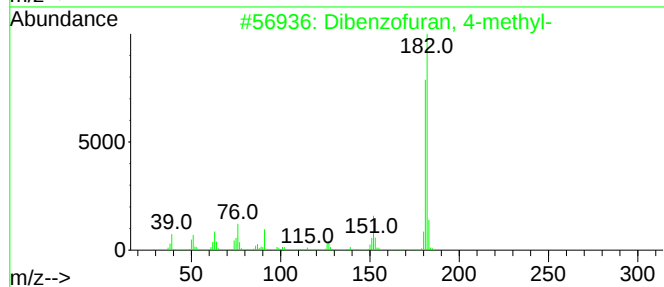
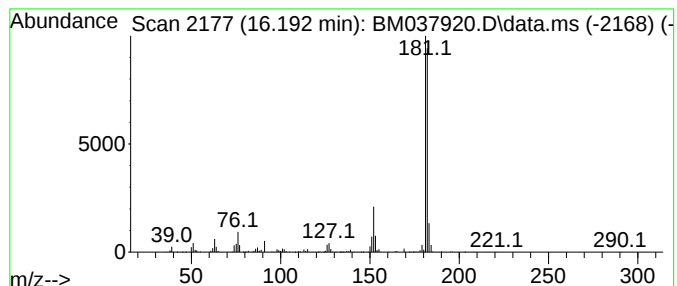
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.192	11.09 ng/ul	1957210	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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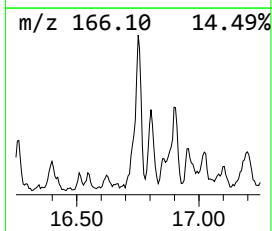
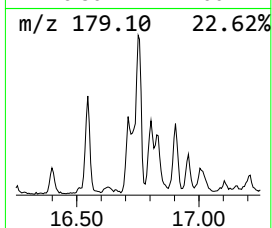
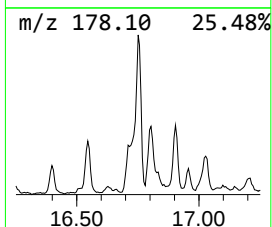
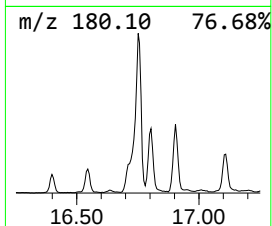
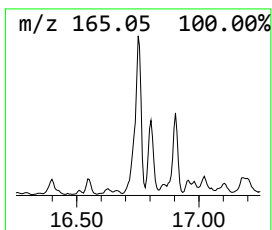
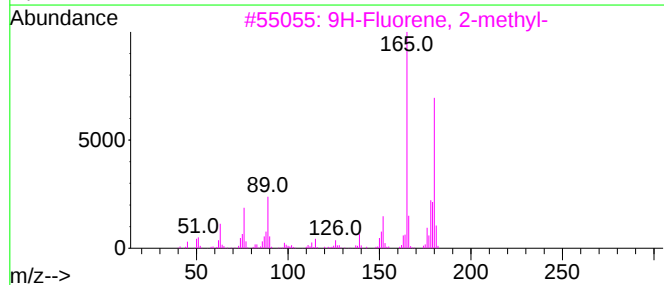
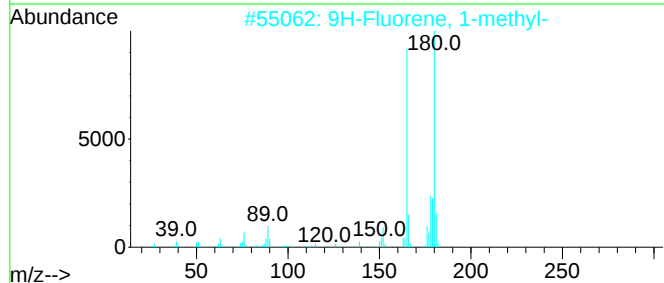
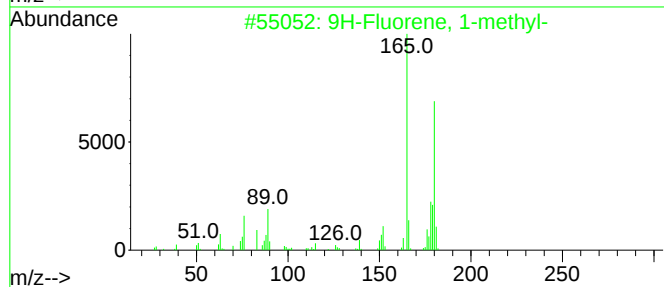
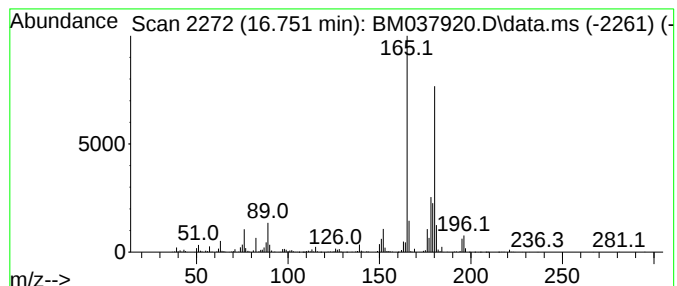
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.751	9.36 ng/ul	1651280	Phenanthrene-d10	17.457

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96	
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96	
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95	
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95	
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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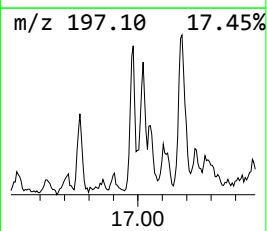
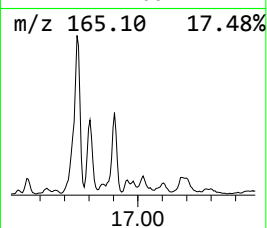
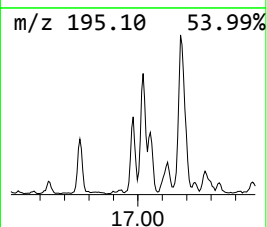
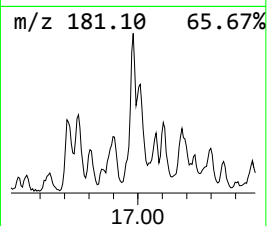
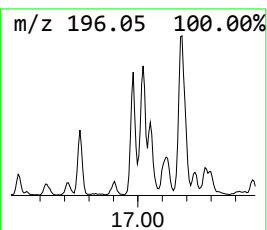
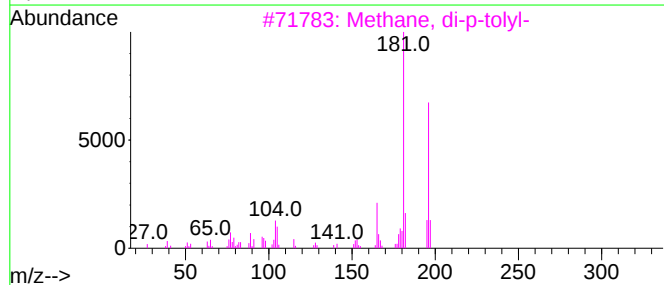
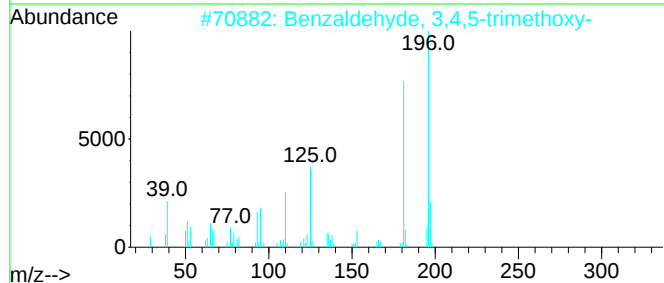
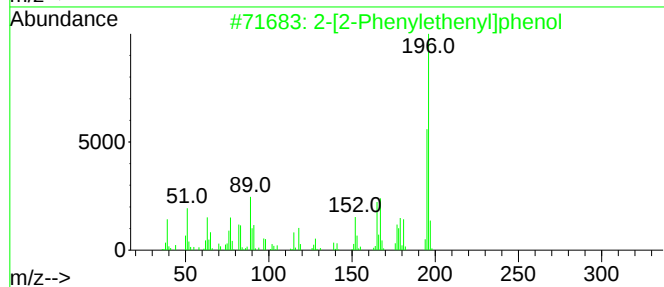
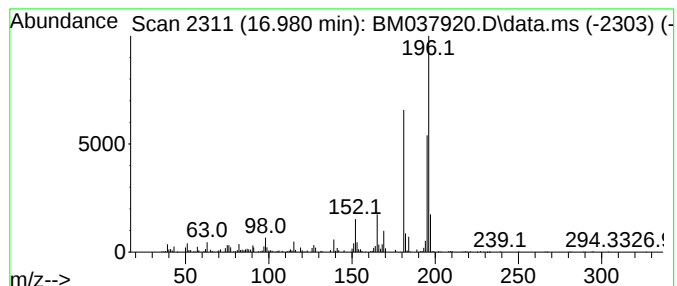
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 2-[2-Phenylethenyl]phenol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	3.70 ng/ul	652493	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	64
2			Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	50
3			Methane, di-p-tolyl-	196	C15H16	004957-14-6	50
4			Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	49
5			6-(Methylthio)benzo[d]thiazol-2-...	196	C8H8N2S2	050850-92-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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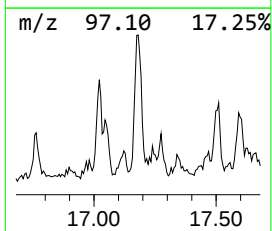
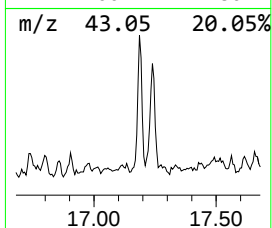
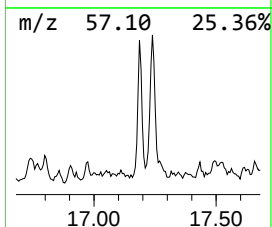
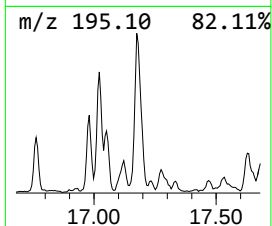
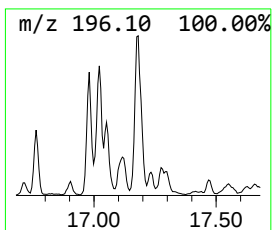
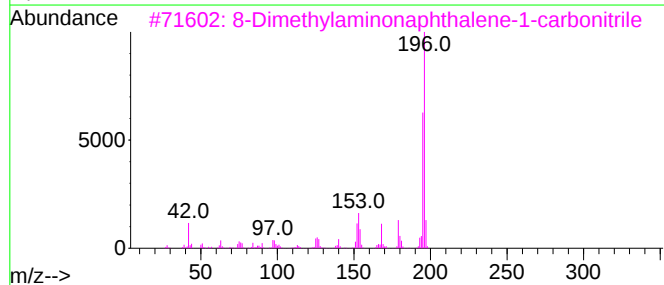
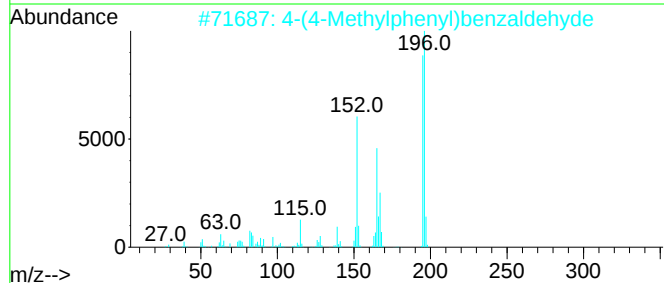
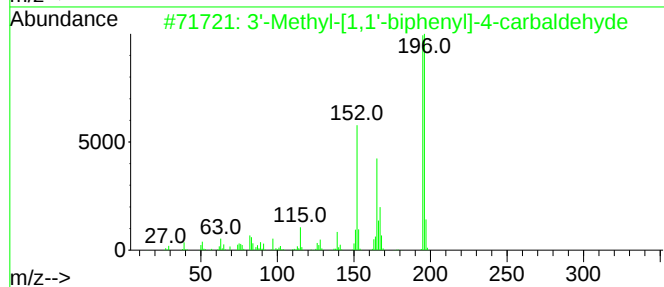
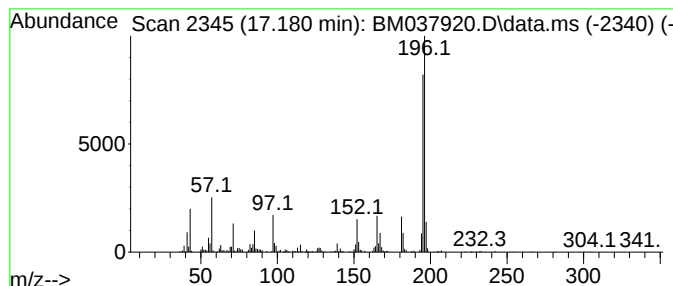
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	5.88 ng/ul	1038190	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	93
2			4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	93
3			8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
4			Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	68
5			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
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Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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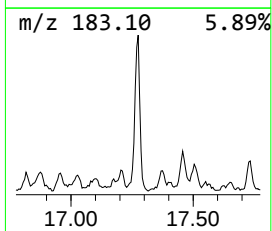
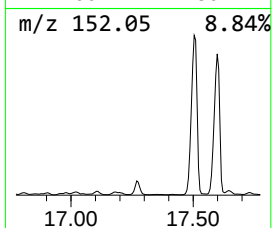
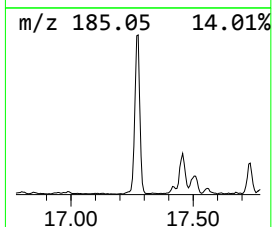
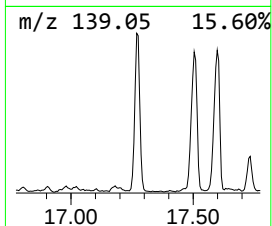
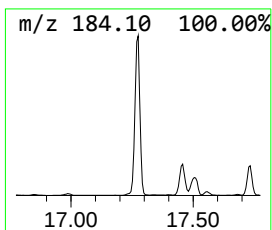
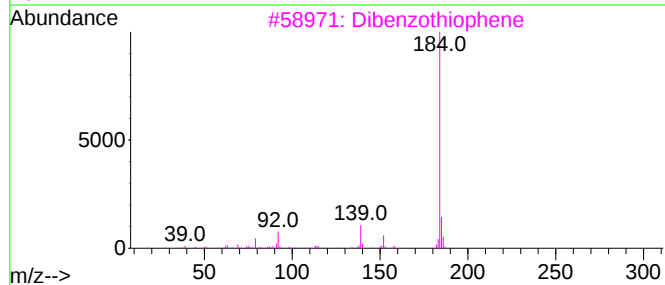
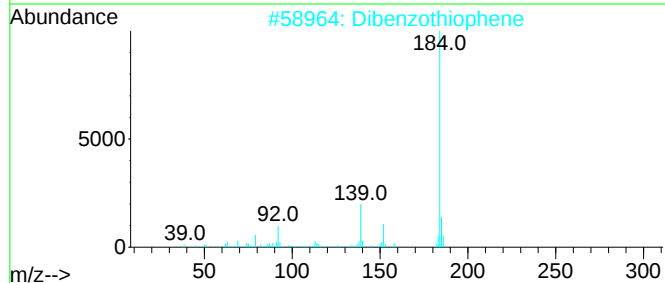
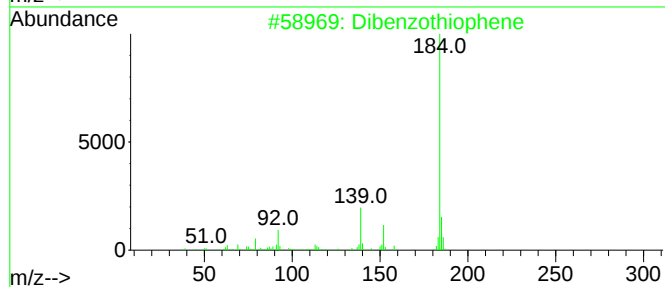
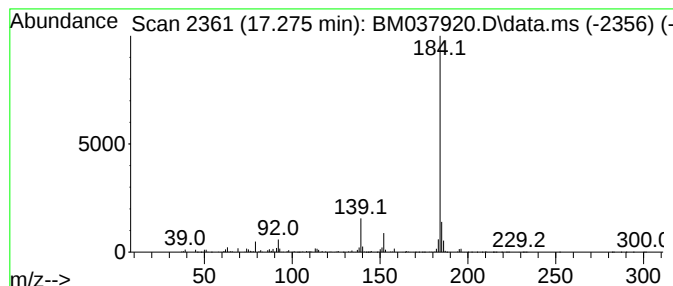
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.275	12.78 ng/ul	2254710	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	97
3			Dibenzothiophene	184	C12H8S	000132-65-0	97
4			Dibenzothiophene	184	C12H8S	000132-65-0	95
5			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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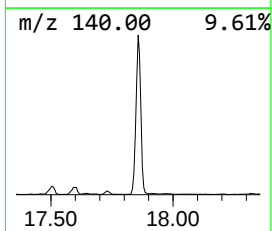
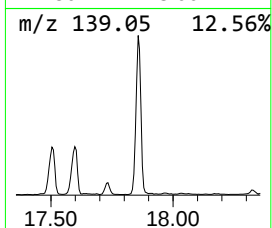
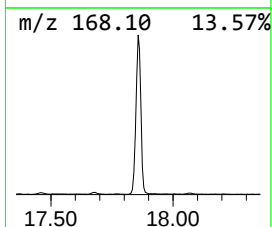
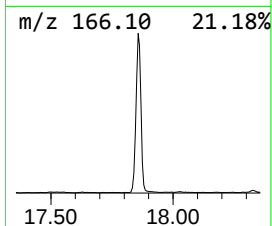
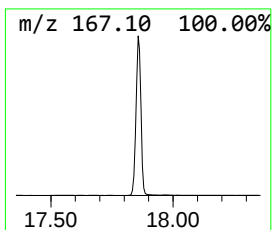
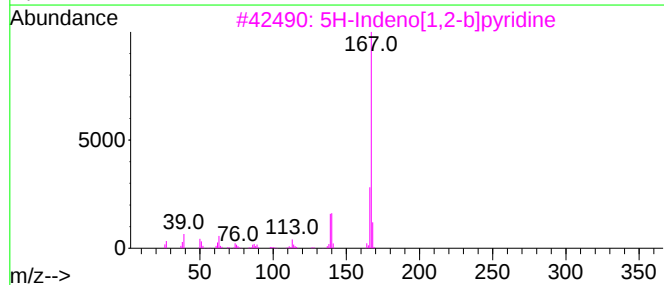
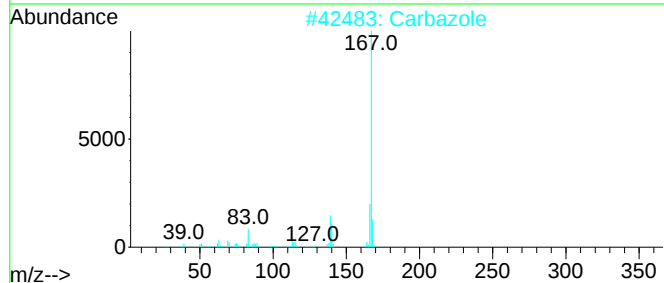
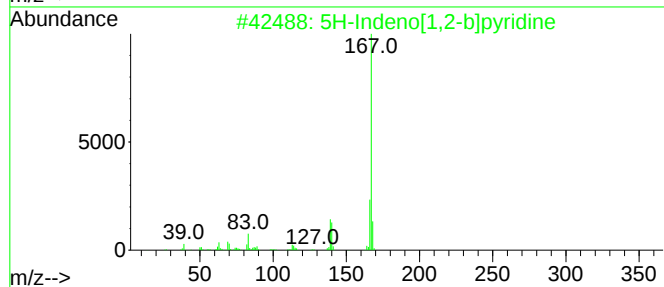
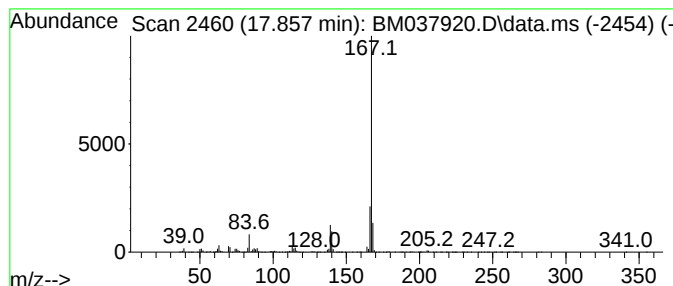
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 5H-Indeno[1,2-b]pyridine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	45.13 ng/ul	7963280	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2			Carbazole	167	C12H9N	000086-74-8	97
3			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4			Carbazole	167	C12H9N	000086-74-8	91
5			Carbazole	167	C12H9N	000086-74-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
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Acq On : 09 Dec 2022 17:07
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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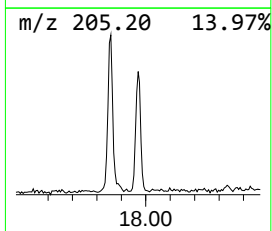
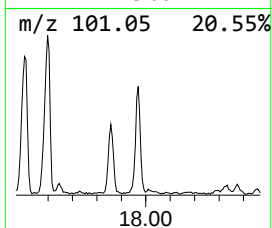
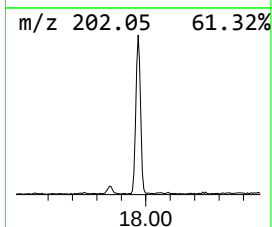
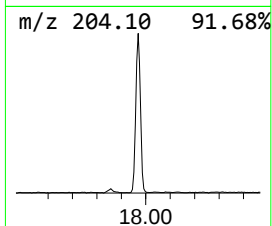
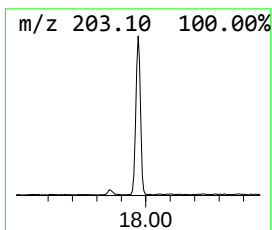
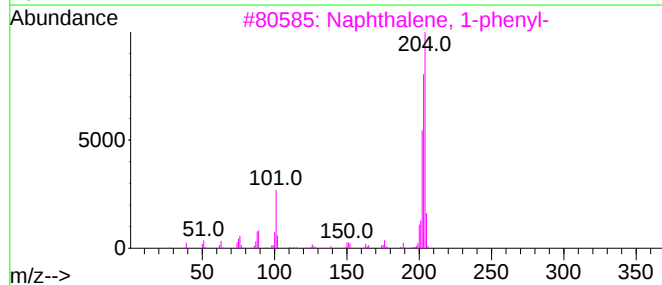
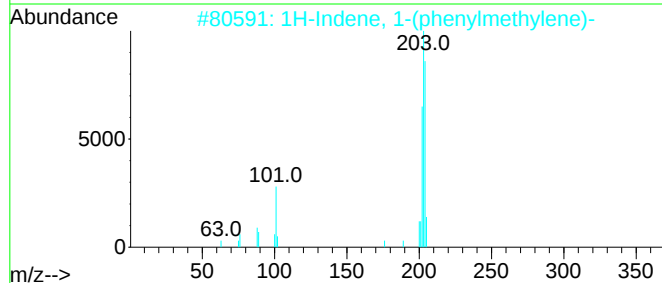
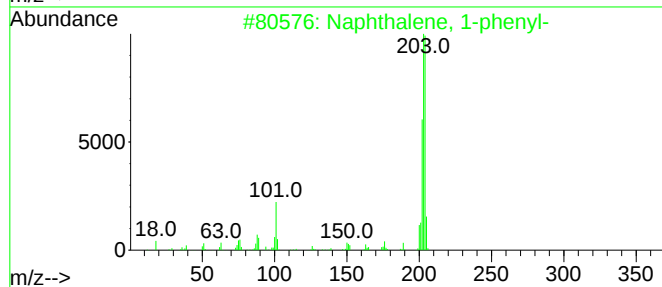
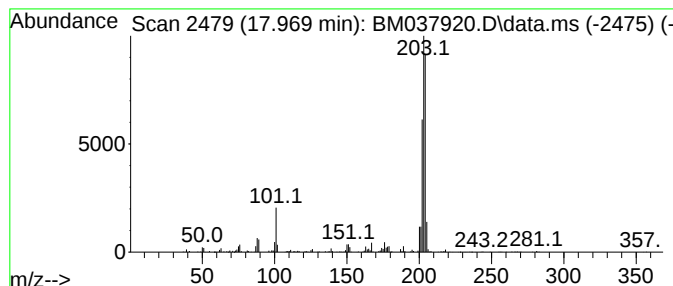
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Naphthalene, 1-phenyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	3.64 ng/ul	641765	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	98
2			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	93
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
4			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	81
5			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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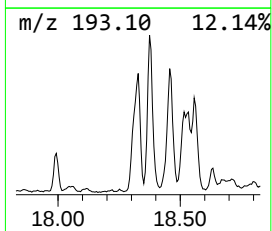
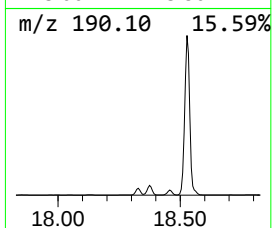
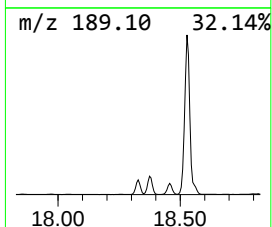
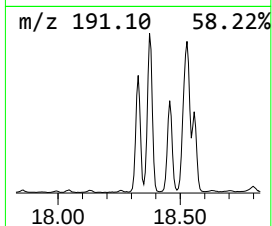
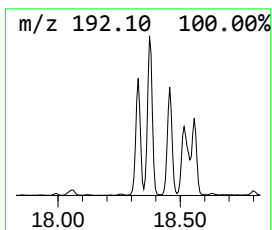
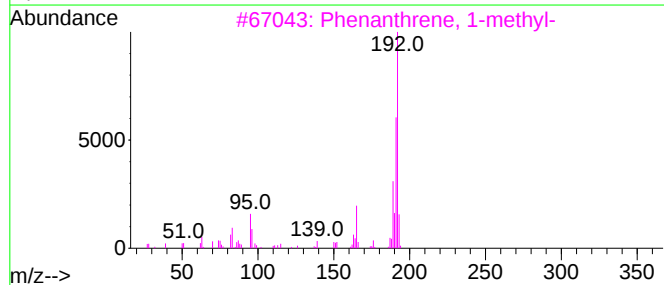
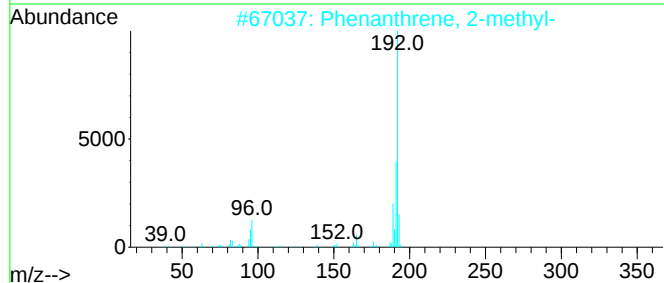
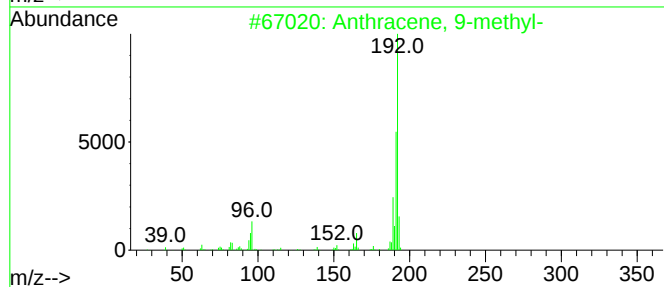
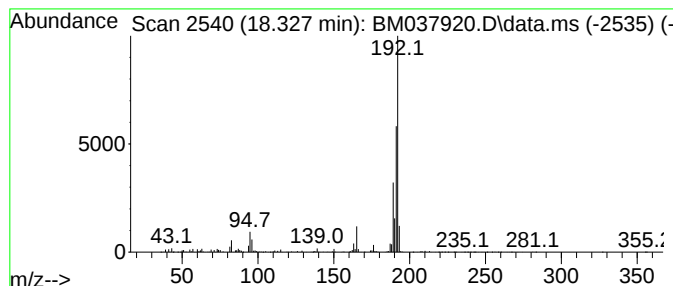
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	11.37 ng/ul	2006540	Phenanthrene-d10	17.457

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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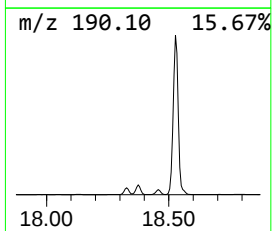
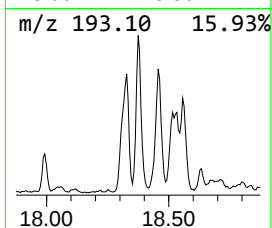
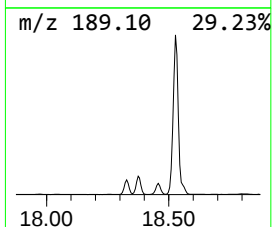
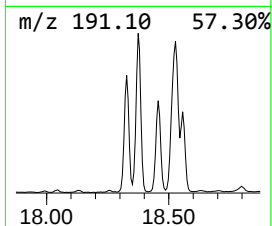
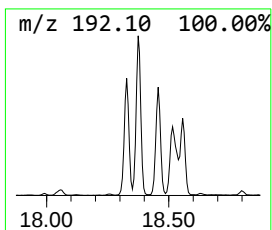
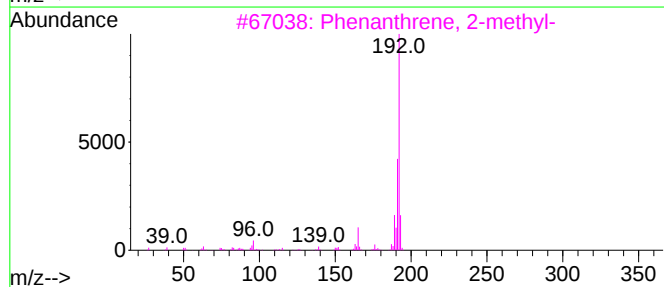
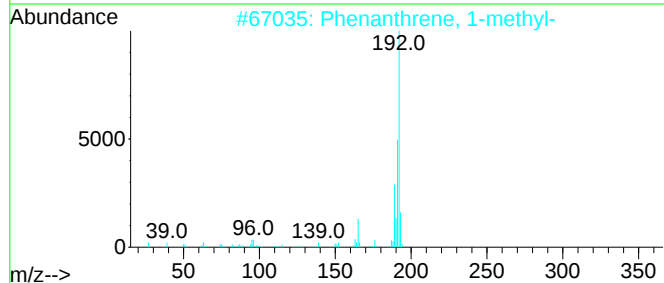
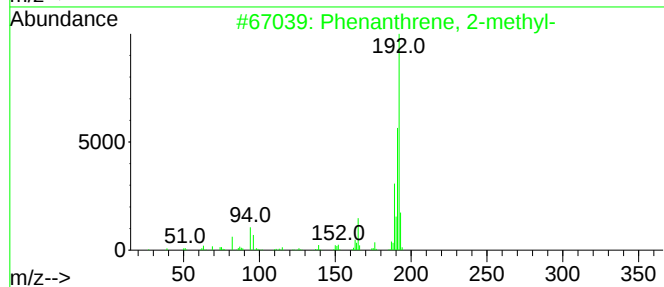
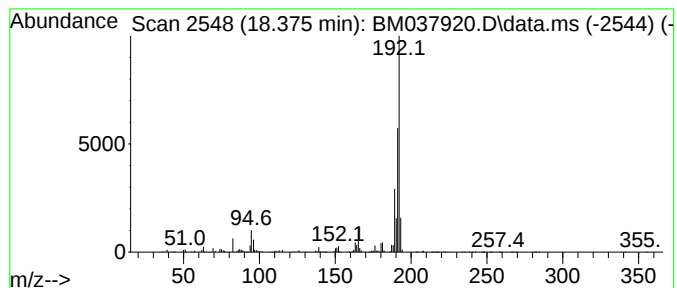
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	15.69 ng/ul	2767860	Phenanthrene-d10	17.457

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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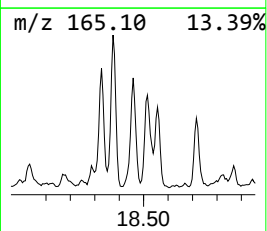
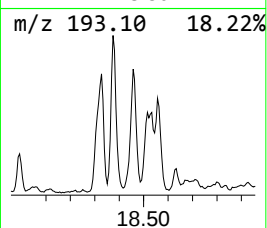
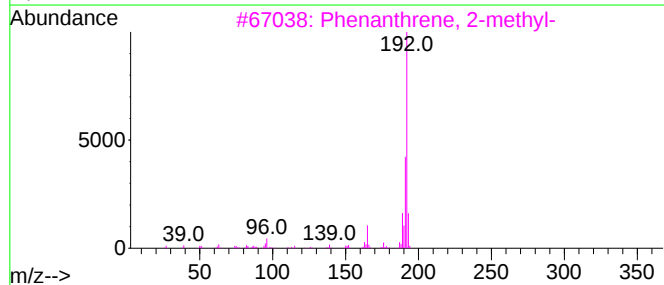
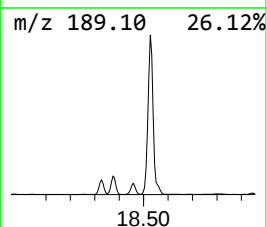
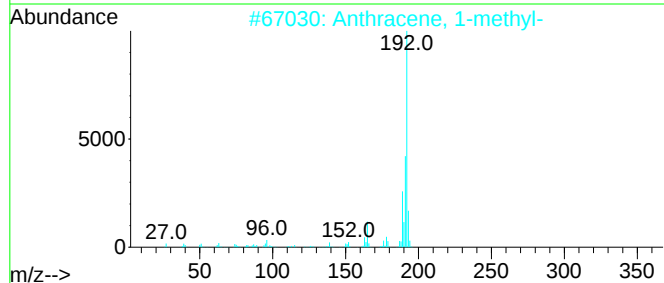
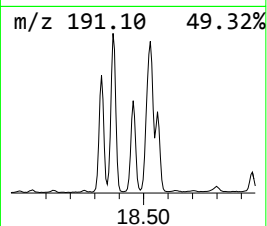
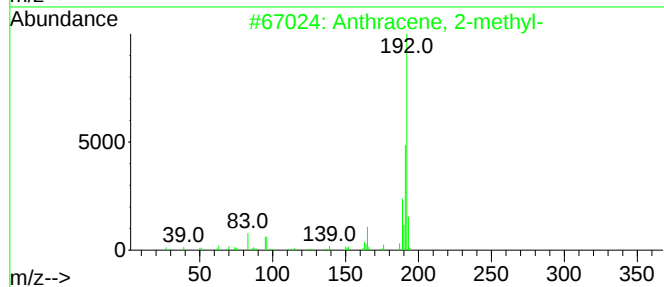
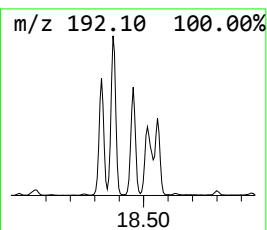
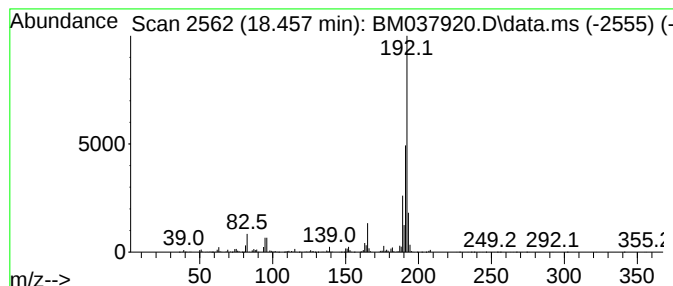
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.457	10.34 ng/ul	1824020	Phenanthrene-d10	17.457

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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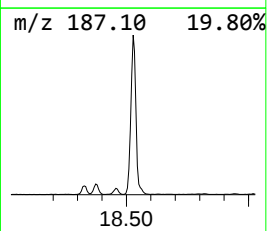
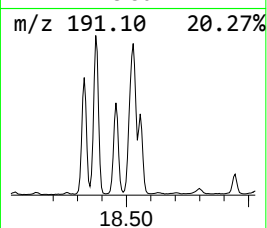
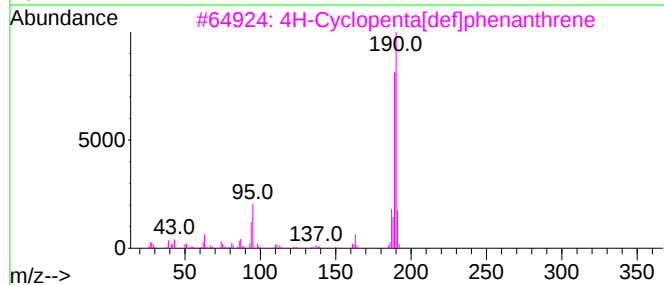
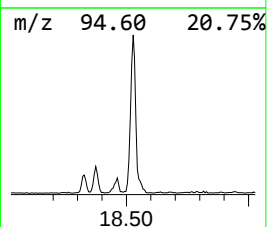
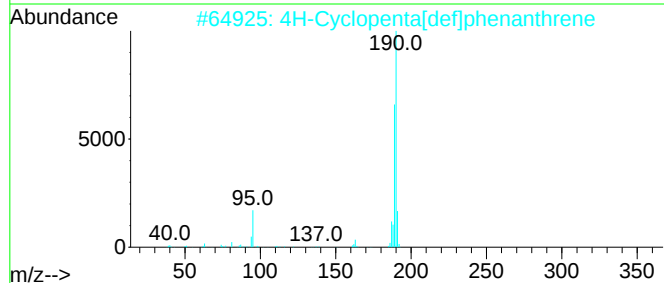
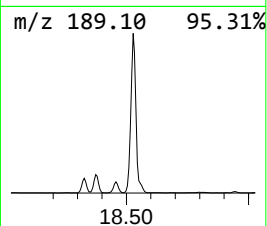
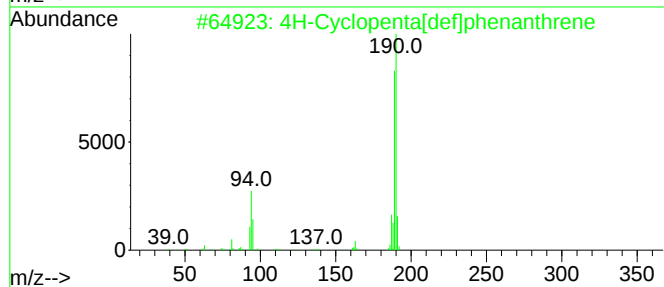
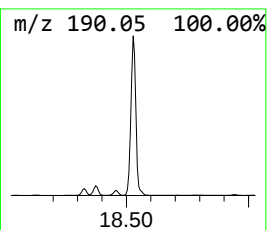
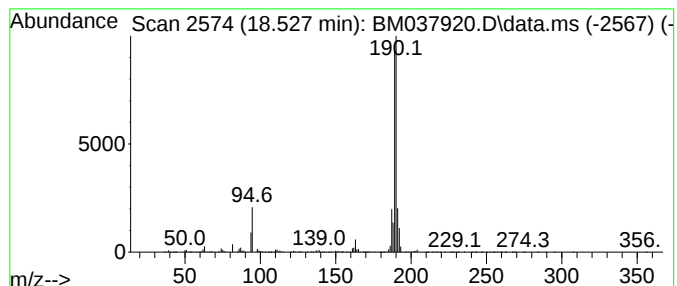
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	53.28 ng/ul	9401690	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4			Phenol, 4-(2-thienylmethyl)-	190	C11H10O5	091680-55-6	64
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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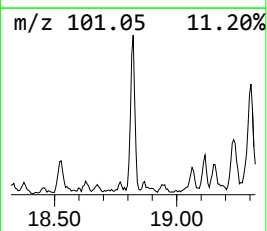
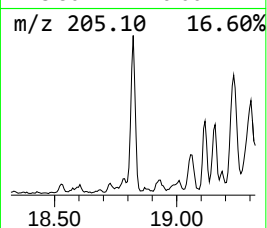
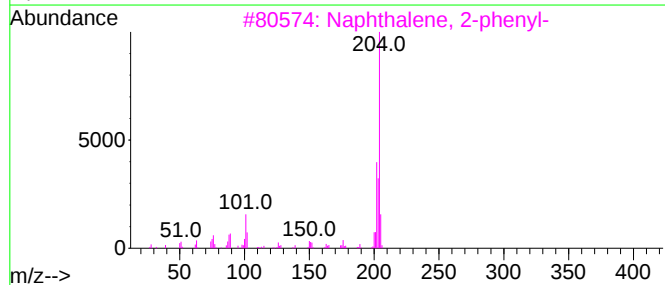
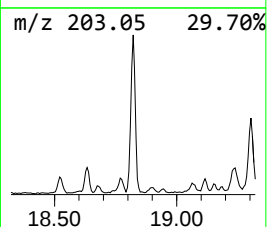
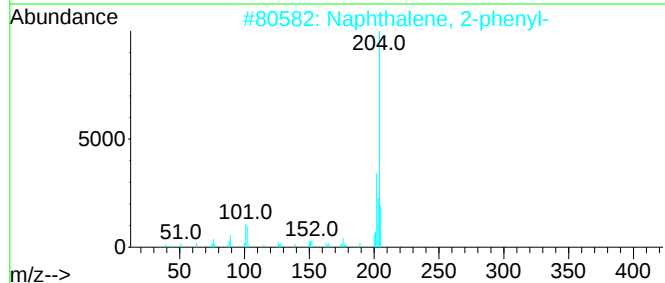
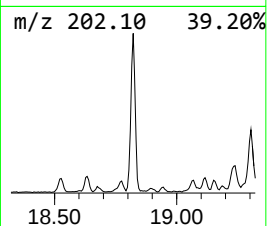
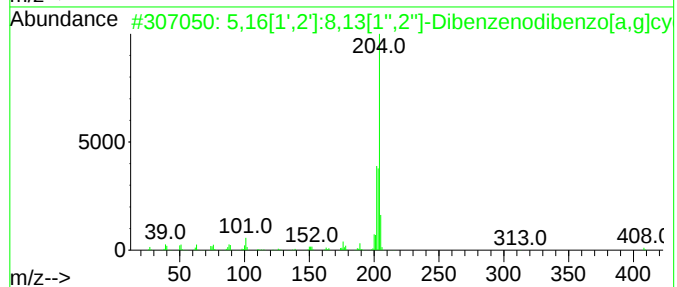
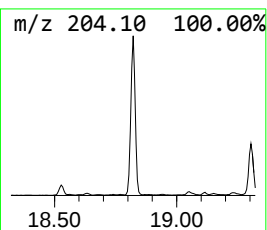
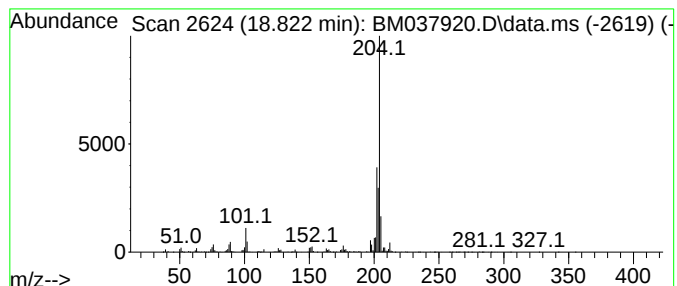
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.822	5.74 ng/ul	1013440	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83		
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
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Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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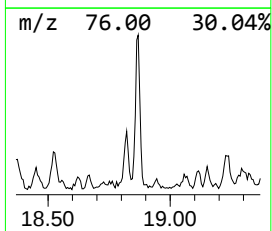
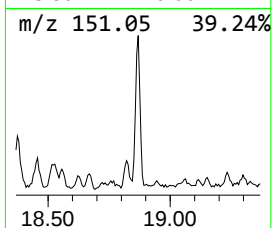
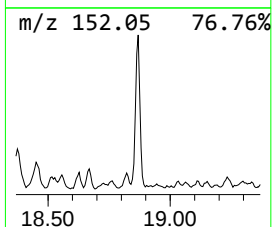
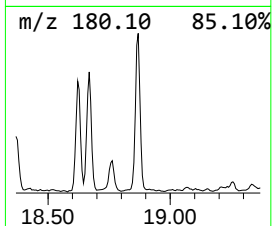
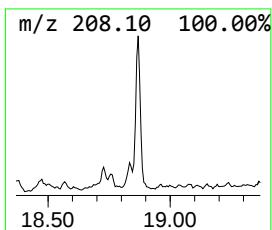
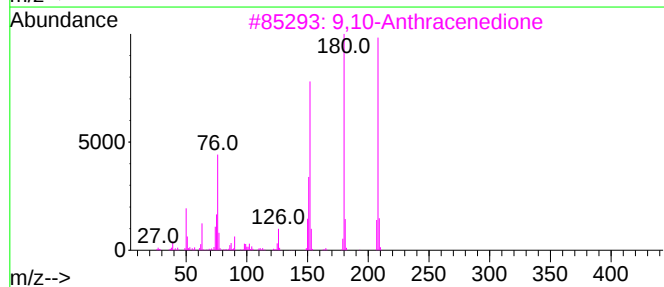
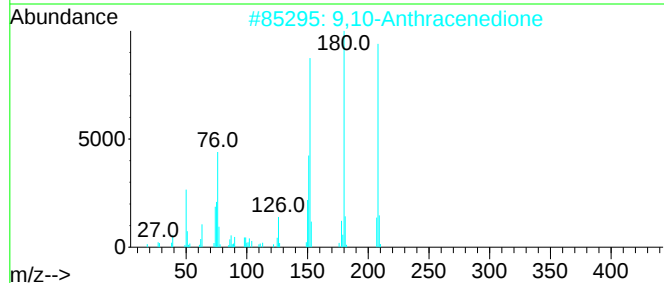
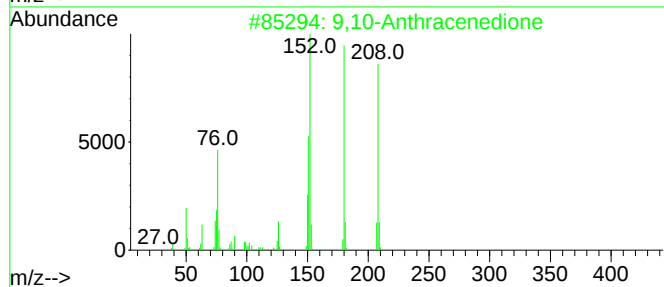
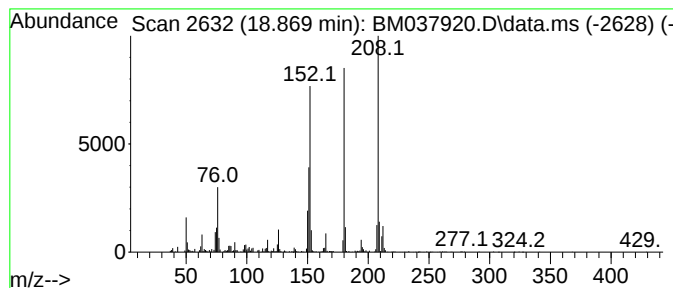
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 9,10-Anthracenedione Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	4.04 ng/ul	712412	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5			9,10-Anthracenedione	208	C14H8O2	000084-65-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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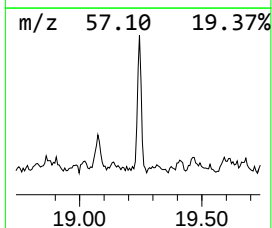
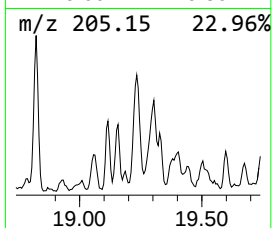
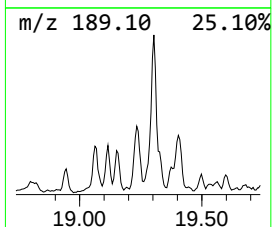
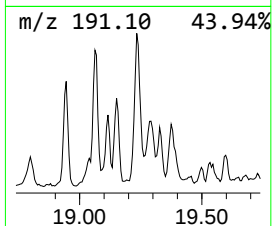
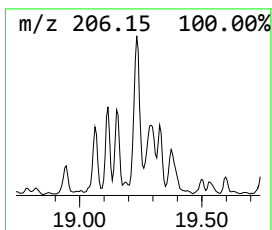
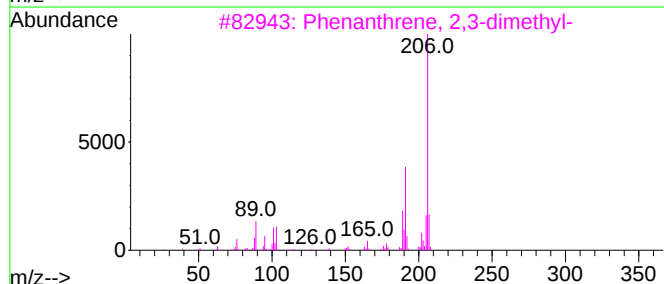
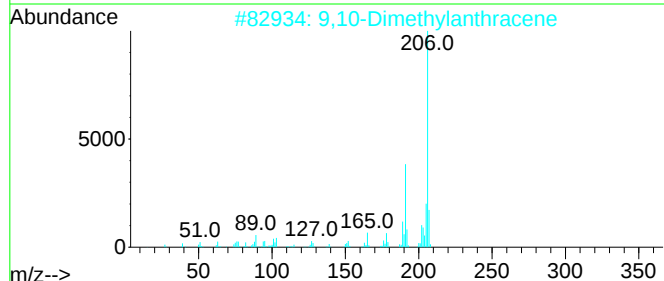
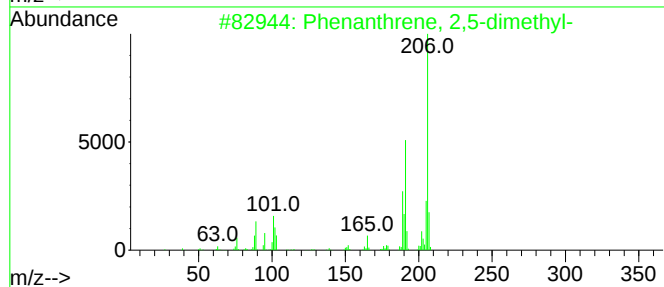
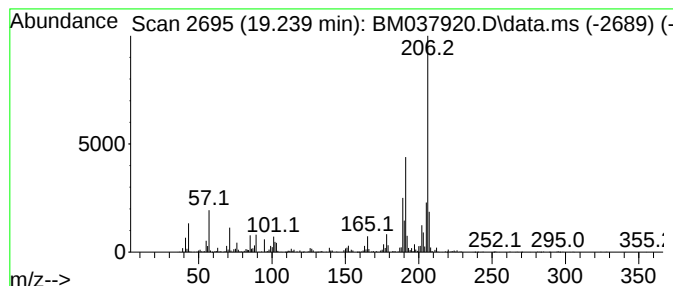
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	6.27 ng/ul	1106980	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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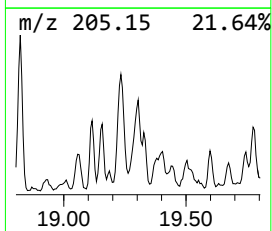
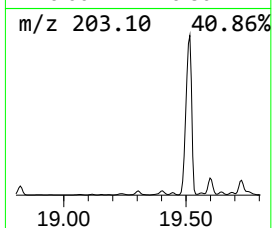
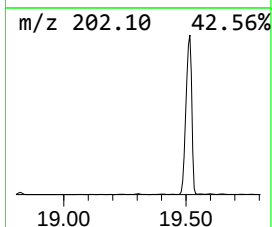
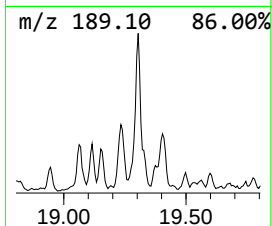
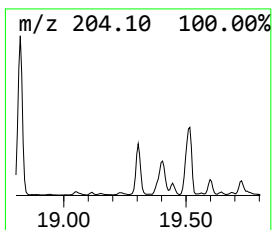
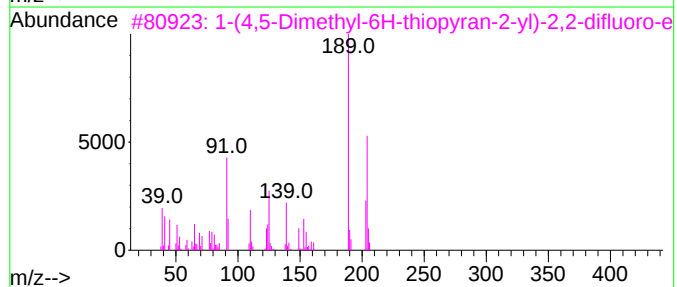
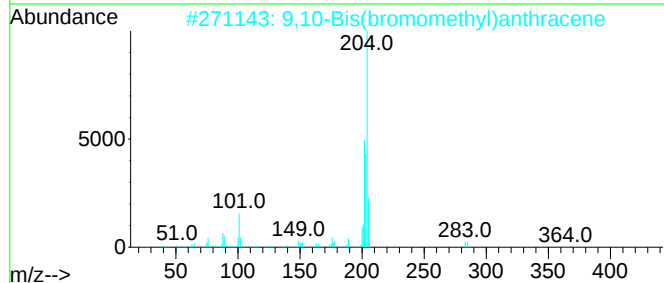
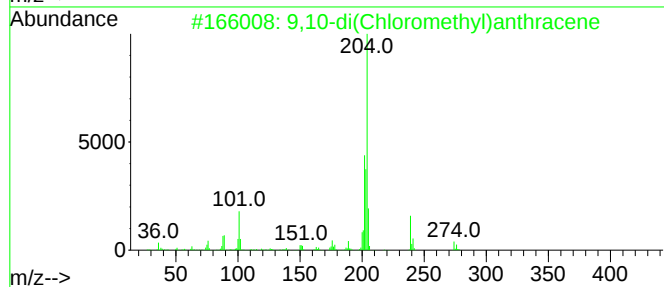
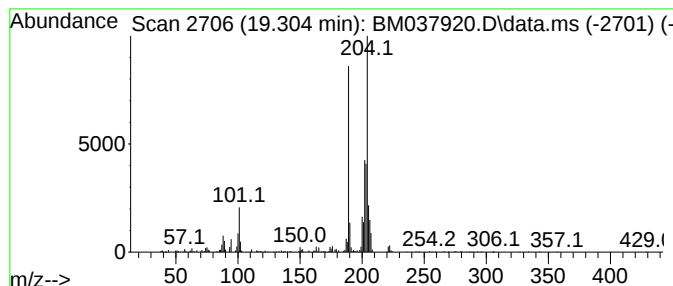
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 9,10-di(Chloromethyl)anthra... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	3.17 ng/ul	559182	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	53
2			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
3			1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	53
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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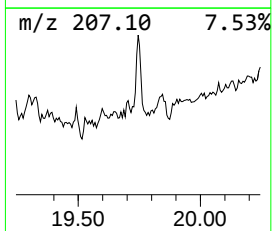
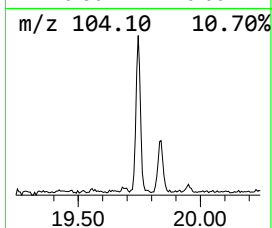
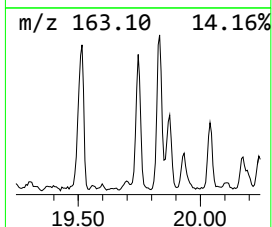
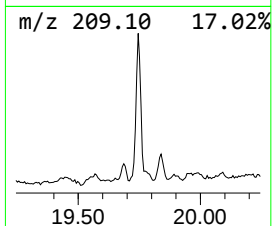
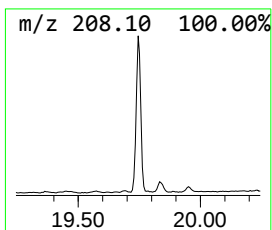
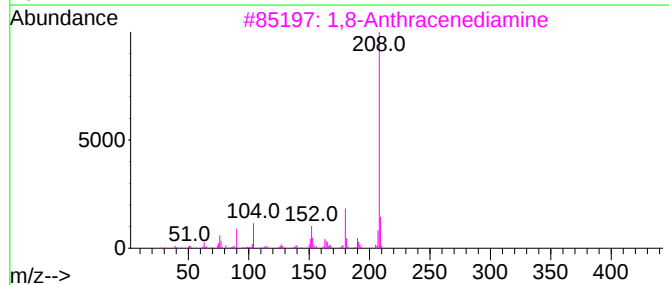
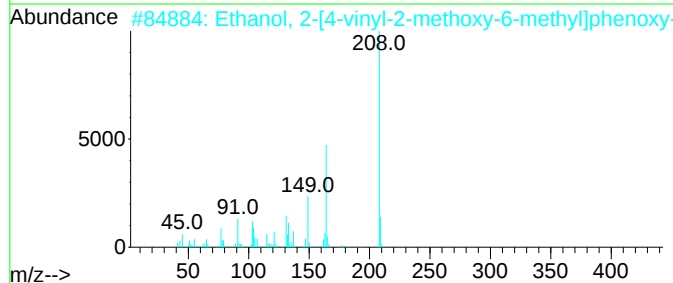
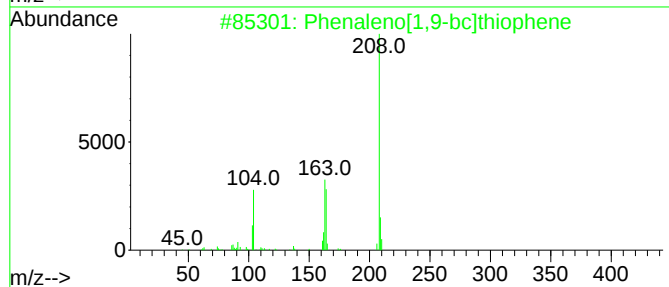
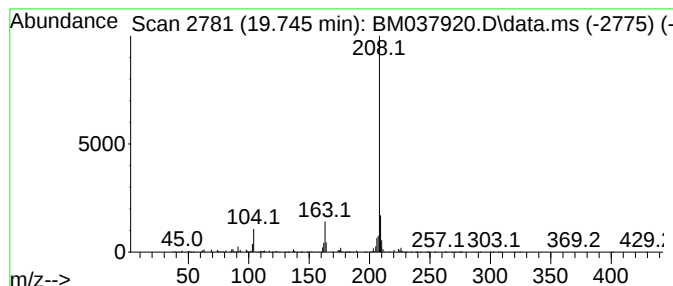
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Phenaleno[1,9-bc]thiophene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.745	3.38 ng/ul	1667460	Chrysene-d12	21.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	87
2			Ethanol, 2-[4-vinyl-2-methoxy-6-...	208	C12H16O3	1000132-26-4	72
3			1,8-Anthracenediamine	208	C14H12N2	139312-39-3	72
4			Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	64
5			2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
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ClientSampleId :
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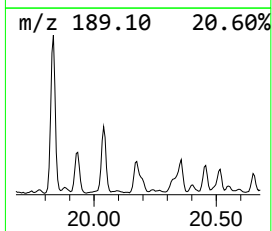
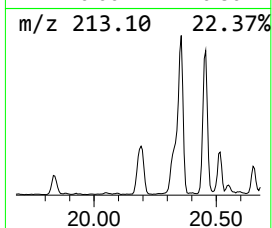
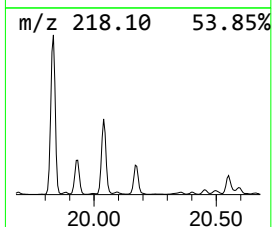
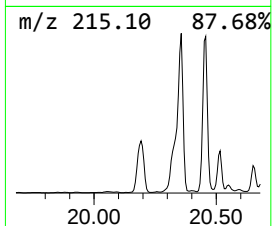
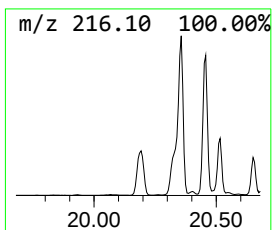
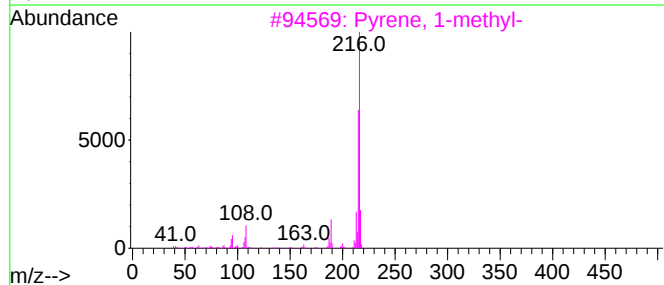
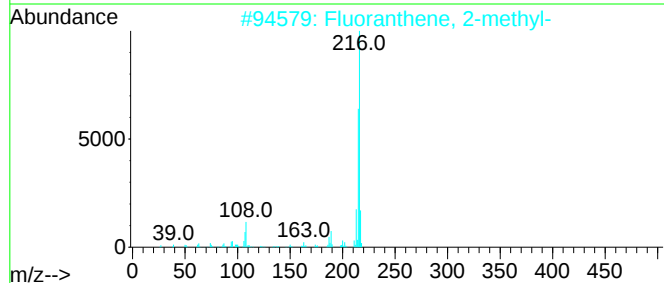
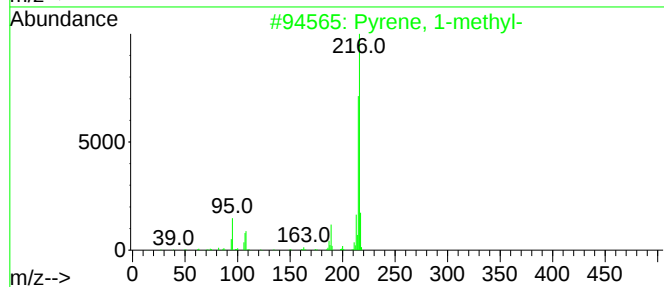
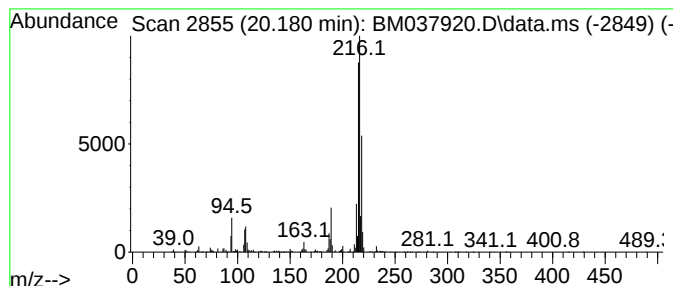
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	4.30 ng/ul	2122600	Chrysene-d12	21.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM9

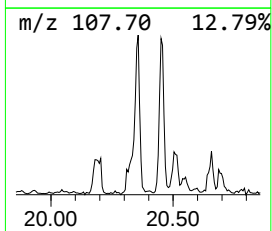
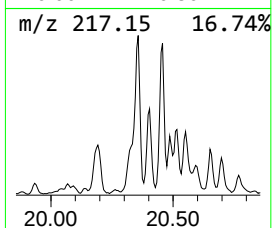
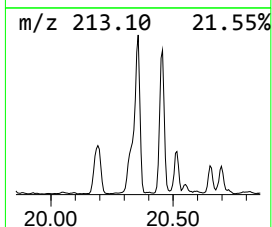
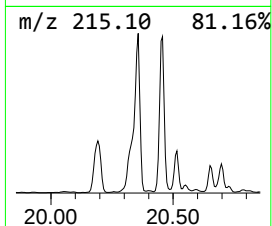
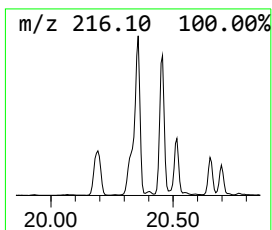
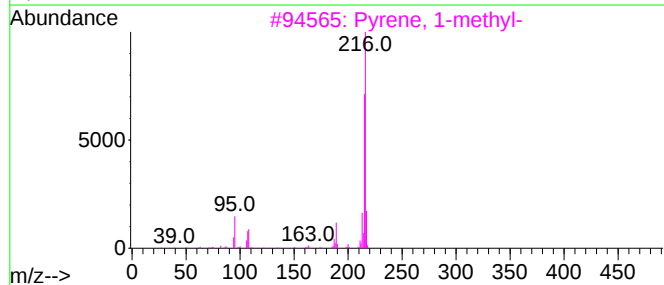
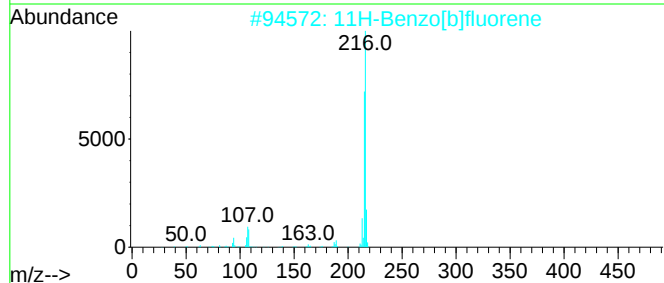
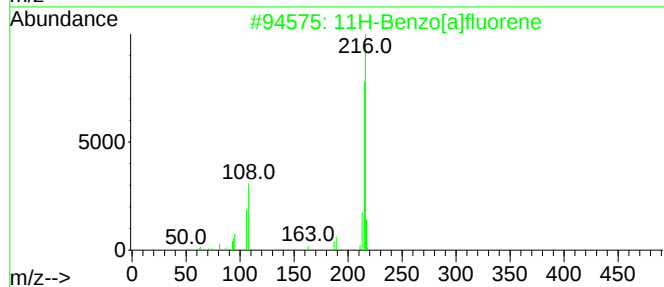
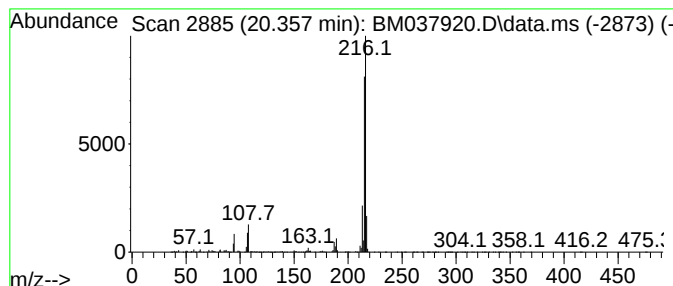
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.357	9.93 ng/ul	4902180	Chrysene-d12	21.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
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Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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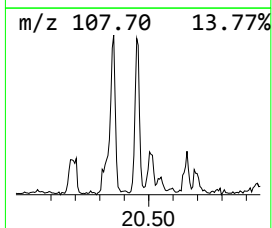
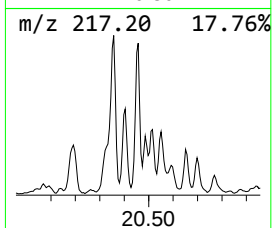
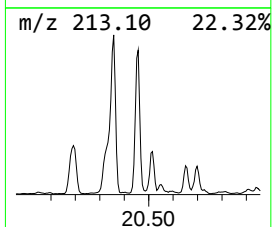
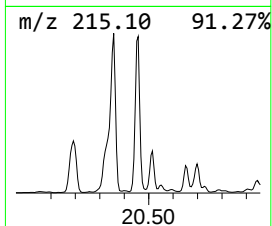
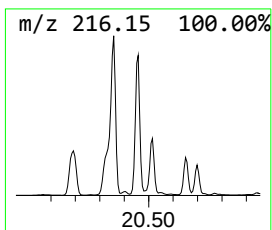
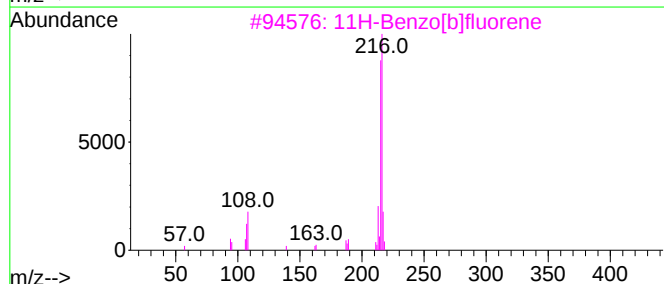
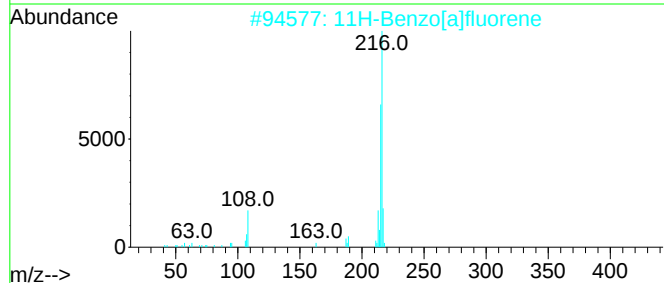
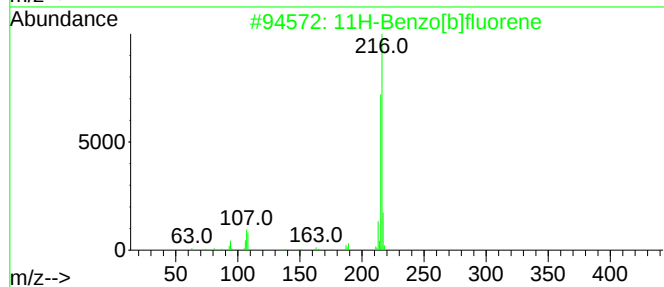
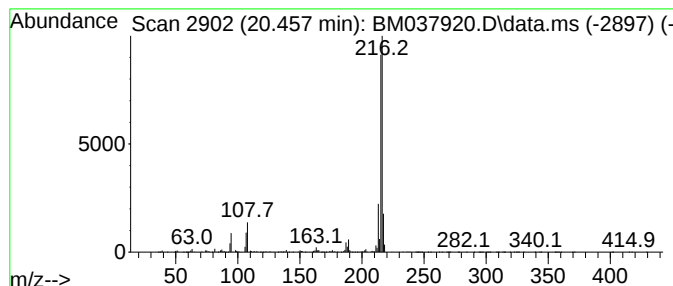
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.457	6.26 ng/ul	3090790	Chrysene-d12	21.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
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Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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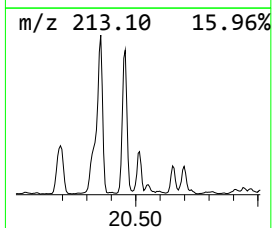
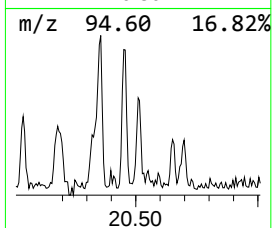
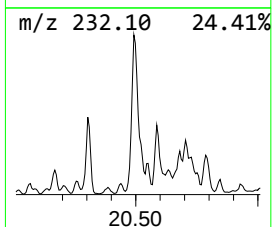
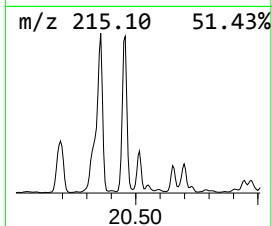
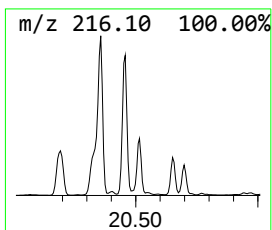
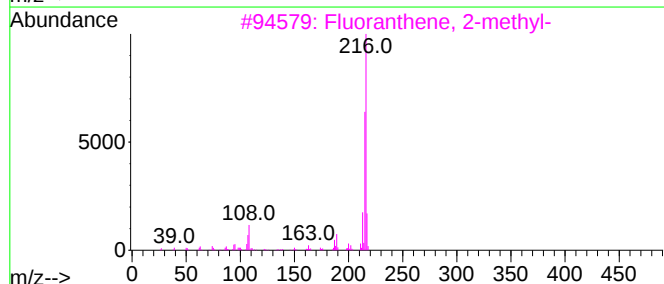
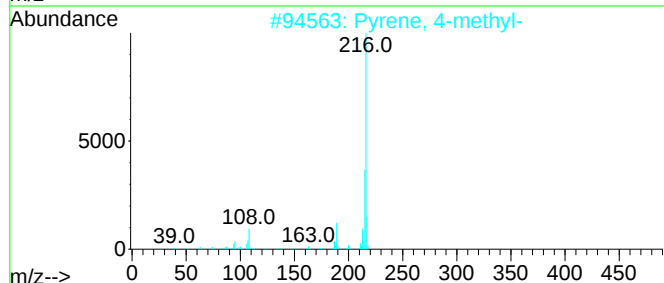
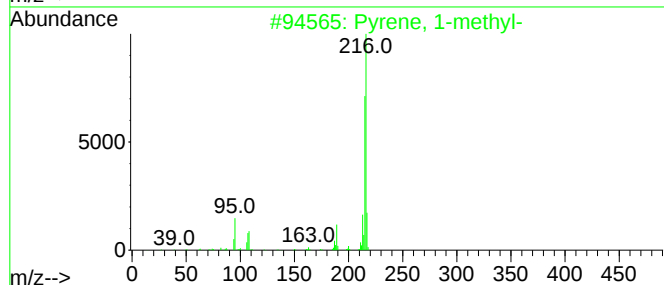
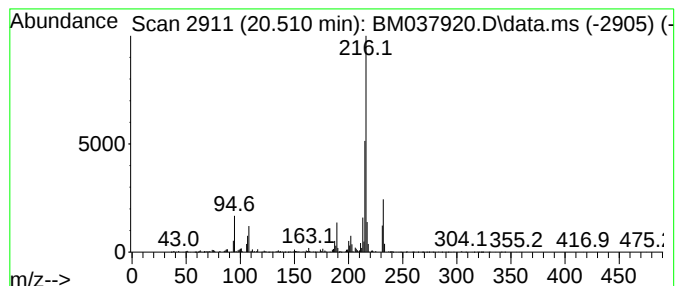
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 Pyrene, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.510	3.52 ng/ul	1739610	Chrysene-d12	21.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037920.D
Acq On : 09 Dec 2022 17:07
Operator : CG/JU
Sample : N5896-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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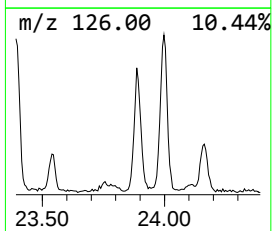
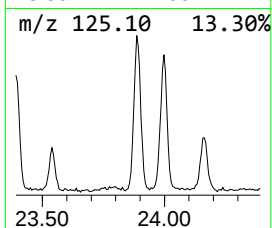
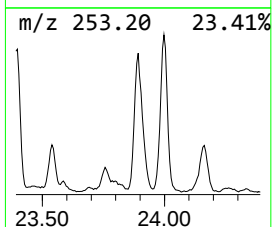
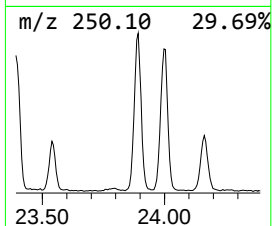
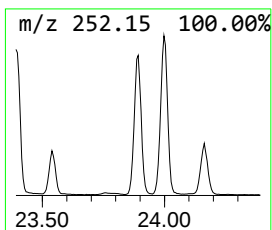
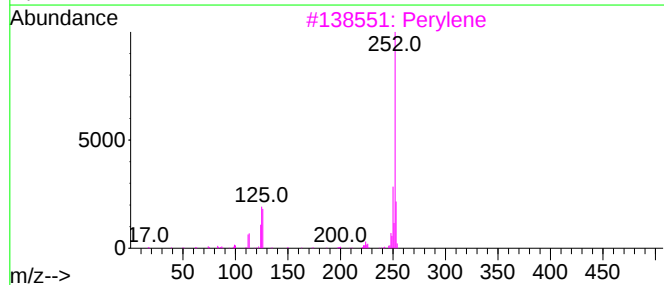
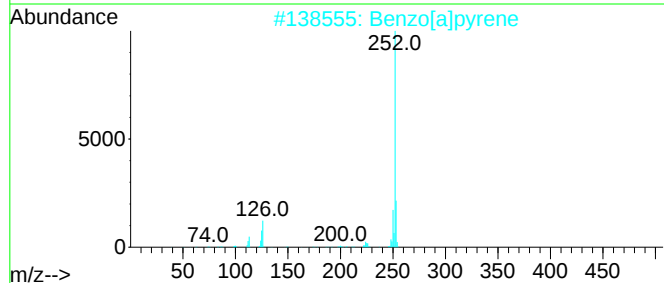
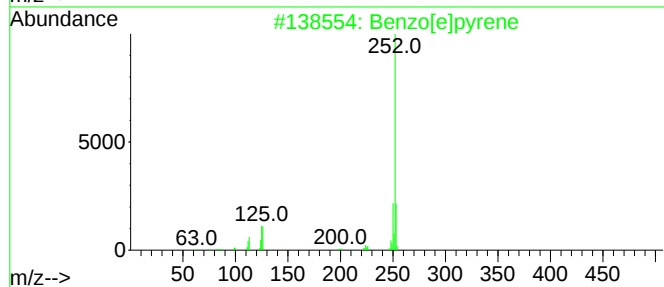
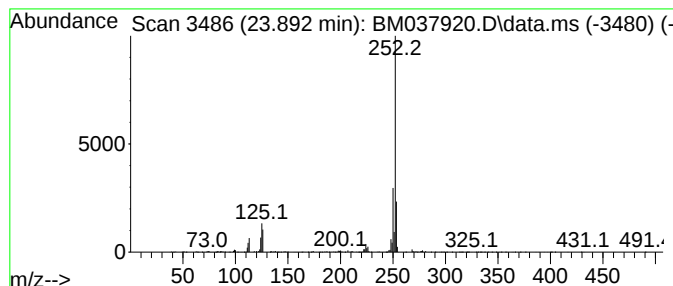
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.892	16.49 ng/ul	1802040	Perylene-d12	24.109

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Perylene	252	C20H12	000198-55-0	97
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037920.D
 Acq On : 09 Dec 2022 17:07
 Operator : CG/JU
 Sample : N5896-11 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXM9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Biphenyl	13.551	3.7	ng/ul	498725	3	14.710	2680620	20.0
Naphthalene, 2,...	14.034	7.8	ng/ul	1042110	3	14.710	2680620	20.0
Naphthalene, 1,...	14.269	4.3	ng/ul	576260	3	14.710	2680620	20.0
1-Isopropenylna...	15.022	4.3	ng/ul	579967	3	14.710	2680620	20.0
Dibenzofuran	15.110	42.6	ng/ul	5704450	3	14.710	2680620	20.0
Benzene, [1-(2,...	15.881	6.1	ng/ul	822469	3	14.710	2680620	20.0
Nordiphenamid	15.916	8.2	ng/ul	1097860	3	14.710	2680620	20.0
Diphenylmethane	16.004	5.0	ng/ul	670708	3	14.710	2680620	20.0
Dibenzofuran, 4...	16.045	10.0	ng/ul	1344760	3	14.710	2680620	20.0
[1,1'-Biphenyl]...	16.192	11.1	ng/ul	1957210	4	17.457	3529140	20.0
9H-Fluorene, 1...	16.751	9.4	ng/ul	1651280	4	17.457	3529140	20.0
2-[2-Phenylethe...	16.980	3.7	ng/ul	652493	4	17.457	3529140	20.0
3'-Methyl-[1,1'...	17.180	5.9	ng/ul	1038190	4	17.457	3529140	20.0
Dibenzothiophene	17.275	12.8	ng/ul	2254710	4	17.457	3529140	20.0
5H-Indeno[1,2-b...	17.857	45.1	ng/ul	7963280	4	17.457	3529140	20.0
Naphthalene, 1...	17.969	3.6	ng/ul	641765	4	17.457	3529140	20.0
Anthracene, 9-m...	18.328	11.4	ng/ul	2006540	4	17.457	3529140	20.0
Phenanthrene, 2...	18.375	15.7	ng/ul	2767860	4	17.457	3529140	20.0
Anthracene, 2-m...	18.457	10.3	ng/ul	1824020	4	17.457	3529140	20.0
4H-Cyclopenta[d...	18.527	53.3	ng/ul	9401690	4	17.457	3529140	20.0
5,16[1',2']:8,1...	18.822	5.7	ng/ul	1013440	4	17.457	3529140	20.0
9,10-Anthracene...	18.869	4.0	ng/ul	712412	4	17.457	3529140	20.0
Phenanthrene, 2...	19.239	6.3	ng/ul	1106980	4	17.457	3529140	20.0
9,10-di(Chlorom...	19.304	3.2	ng/ul	559182	4	17.457	3529140	20.0
Phenaleno[1,9-b...	19.745	3.4	ng/ul	1667460	5	21.627	9873630	20.0
Pyrene, 1-methyl-	20.180	4.3	ng/ul	2122600	5	21.627	9873630	20.0
11H-Benzo[a]flu...	20.357	9.9	ng/ul	4902180	5	21.627	9873630	20.0
11H-Benzo[b]flu...	20.457	6.3	ng/ul	3090790	5	21.627	9873630	20.0
Pyrene, 4-methyl-	20.510	3.5	ng/ul	1739610	5	21.627	9873630	20.0
Benzo[e]pyrene	23.892	16.5	ng/ul	1802040	6	24.109	2185080	20.0