

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037934.D
 Acq On : 10 Dec 2022 14:33
 Operator : CG/JU
 Sample : N5832-20MEDL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL5MEDL

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: BM037934.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.969	96	99	106	rVB3	13954	22684	0.46%	0.057%
2	4.193	133	137	141	rVB	20468	25913	0.52%	0.066%
3	5.152	295	300	305	rBV3	7814	11995	0.24%	0.030%
4	7.234	648	654	661	rVB	59595	94907	1.90%	0.240%
5	7.404	677	683	690	rVB	51174	80916	1.62%	0.205%
6	7.604	712	717	728	rVB2	58597	98397	1.97%	0.249%
7	8.081	791	798	808	rBV	813088	1294900	25.98%	3.280%
8	8.628	885	891	894	rBV4	6246	8897	0.18%	0.023%
9	8.787	912	918	927	rBV3	57104	98249	1.97%	0.249%
10	8.916	935	940	945	rBV5	6349	10152	0.20%	0.026%
11	9.251	990	997	1005	rBV	55705	90074	1.81%	0.228%
12	9.975	1113	1120	1125	rBV2	34730	61322	1.23%	0.155%
13	10.516	1206	1212	1220	rBV	53107	93727	1.88%	0.237%
14	10.898	1270	1277	1283	rBV	998332	1641138	32.93%	4.157%
15	10.945	1283	1285	1291	rVV	42452	60844	1.22%	0.154%
16	11.040	1295	1301	1315	rVB	58756	114857	2.30%	0.291%
17	12.545	1551	1557	1564	rVB	51586	82179	1.65%	0.208%
18	12.763	1587	1594	1599	rBV	54875	88274	1.77%	0.224%
19	13.545	1717	1727	1734	rBV2	42567	71944	1.44%	0.182%
20	13.892	1778	1786	1791	rVB4	18482	43063	0.86%	0.109%
21	14.033	1804	1810	1814	rBV2	52405	93776	1.88%	0.238%
22	14.086	1814	1819	1820	rVV	35727	47092	0.94%	0.119%
23	14.116	1820	1824	1830	rVV	87081	131192	2.63%	0.332%
24	14.169	1830	1833	1838	rVB7	6082	10061	0.20%	0.025%
25	14.263	1844	1849	1853	rBV	40891	63121	1.27%	0.160%
26	14.298	1853	1855	1859	rVB4	12766	13561	0.27%	0.034%
27	14.404	1867	1873	1876	rBV	108222	166533	3.34%	0.422%
28	14.586	1899	1904	1908	rBV3	19494	24649	0.49%	0.062%
29	14.710	1914	1925	1930	rBV	1226728	1805036	36.22%	4.572%
30	14.769	1930	1935	1943	rVB	569354	864695	17.35%	2.190%
31	14.904	1953	1958	1967	rVB6	21672	55930	1.12%	0.142%
32	15.016	1970	1977	1982	rBV3	29501	48098	0.97%	0.122%
33	15.104	1985	1992	1998	rVV	381526	565910	11.36%	1.433%
34	15.175	2000	2004	2012	rVB4	23599	38829	0.78%	0.098%
35	15.322	2023	2029	2033	rBV5	19357	35719	0.72%	0.090%
36	15.375	2033	2038	2045	rVB3	22029	34090	0.68%	0.086%

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Integrator: RTE

Smoothing : OFF

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

37	15.486	2051	2057	2060	rBV6	15015	29078	0.58%	0.074%
38	15.527	2060	2064	2069	rVB2	29290	40287	0.81%	0.102%
39	15.692	2083	2092	2096	rVV	142973	219105	4.40%	0.555%
40	15.751	2096	2102	2109	rVV	851424	1246136	25.00%	3.156%

41	15.816	2109	2113	2115	rVV5	24080	44898	0.90%	0.114%
42	15.839	2115	2117	2120	rVV3	30289	45295	0.91%	0.115%
43	15.874	2120	2123	2126	rVV4	51749	76242	1.53%	0.193%
44	15.910	2126	2129	2135	rVV5	66798	114472	2.30%	0.290%
45	15.957	2135	2137	2140	rVV3	20370	29722	0.60%	0.075%

46	15.998	2140	2144	2147	rVV	51506	72005	1.44%	0.182%
47	16.039	2147	2151	2162	rVB2	84566	151873	3.05%	0.385%
48	16.186	2167	2176	2184	rVV3	93364	221734	4.45%	0.562%
49	16.280	2184	2192	2197	rVB3	22985	52901	1.06%	0.134%
50	16.392	2206	2211	2213	rBV3	45316	58319	1.17%	0.148%

51	16.422	2213	2216	2221	rVB3	35993	58191	1.17%	0.147%
52	16.545	2233	2237	2242	rVB7	15649	26595	0.53%	0.067%
53	16.622	2246	2250	2254	rBV6	9555	17159	0.34%	0.043%
54	16.751	2261	2272	2276	rBV3	69533	155078	3.11%	0.393%
55	16.798	2276	2280	2284	rVB2	28622	42021	0.84%	0.106%

56	16.898	2292	2297	2302	rVB3	35907	55434	1.11%	0.140%
57	16.974	2303	2310	2313	rBV3	29688	60622	1.22%	0.154%
58	17.016	2314	2317	2321	rVB3	22757	30865	0.62%	0.078%
59	17.098	2328	2331	2338	rVB6	16944	28999	0.58%	0.073%
60	17.180	2340	2345	2352	rVV6	53118	114055	2.29%	0.289%

61	17.233	2352	2354	2355	rVV2	19051	19809	0.40%	0.050%
62	17.269	2355	2360	2369	rVB	152059	231396	4.64%	0.586%
63	17.445	2384	2390	2394	rBV	1326118	1981261	39.75%	5.018%
64	17.492	2394	2398	2403	rVV	2473504	3319875	66.61%	8.408%
65	17.545	2403	2407	2408	rVV	130315	142628	2.86%	0.361%

66	17.580	2408	2413	2420	rVB	3654305	4983739	100.00%	12.622%
67	17.721	2433	2437	2445	rVB	48381	81519	1.64%	0.206%
68	17.851	2454	2459	2467	rBV	817272	1179796	23.67%	2.988%
69	17.921	2468	2471	2475	rVV4	32307	45438	0.91%	0.115%
70	17.963	2475	2478	2484	rVV3	43553	66638	1.34%	0.169%

71	18.027	2486	2489	2497	rVB2	25588	43561	0.87%	0.110%
72	18.168	2509	2513	2517	rBV2	15490	27915	0.56%	0.071%
73	18.321	2534	2539	2543	rBV	156599	208501	4.18%	0.528%
74	18.368	2543	2547	2554	rVB	194123	267407	5.37%	0.677%
75	18.451	2556	2561	2566	rBV	119464	171208	3.44%	0.434%

76	18.521	2566	2573	2576	rBV2	469481	703346	14.11%	1.781%
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77	18.615	2585	2589	2594	rBV4	43408	69509	1.39%	0.176%
78	18.663	2594	2597	2601	rBV2	27512	34821	0.70%	0.088%
79	18.715	2601	2606	2609	rBV3	49497	76898	1.54%	0.195%
80	18.815	2618	2623	2627	rBV	92295	125790	2.52%	0.319%
81	18.863	2627	2631	2636	rVB4	40253	57330	1.15%	0.145%
82	19.063	2661	2665	2670	rVB4	25627	33225	0.67%	0.084%
83	19.110	2670	2673	2675	rBV2	22109	22568	0.45%	0.057%
84	19.151	2677	2680	2683	rVB3	23150	23982	0.48%	0.061%
85	19.233	2689	2694	2698	rBV2	57373	93006	1.87%	0.236%
86	19.498	2733	2739	2745	rBV	2523401	3279553	65.81%	8.306%
87	19.592	2752	2755	2759	rVB2	46515	54584	1.10%	0.138%
88	19.739	2777	2780	2783	rVB	67810	78357	1.57%	0.198%
89	19.827	2789	2795	2797	rBV2	524169	820331	16.46%	2.078%
90	19.857	2797	2800	2808	rVV	1804956	2328653	46.73%	5.898%
91	19.927	2808	2812	2818	rVB3	70787	113506	2.28%	0.287%
92	20.033	2827	2830	2836	rVB	94150	111820	2.24%	0.283%
93	20.174	2849	2854	2861	rBV2	79829	200782	4.03%	0.509%
94	20.345	2880	2883	2888	rVB	243787	325867	6.54%	0.825%
95	20.445	2896	2900	2904	rBV	242660	320512	6.43%	0.812%
96	21.262	3036	3039	3042	rBV	88321	99370	1.99%	0.252%
97	21.298	3042	3045	3048	rBV	114966	133195	2.67%	0.337%
98	21.615	3092	3099	3103	rBV2	1933647	3154761	63.30%	7.990%
99	21.656	3103	3106	3117	rVB	483632	647929	13.00%	1.641%
100	24.097	3515	3521	3538	rVB2	1194232	2718953	54.56%	6.886%

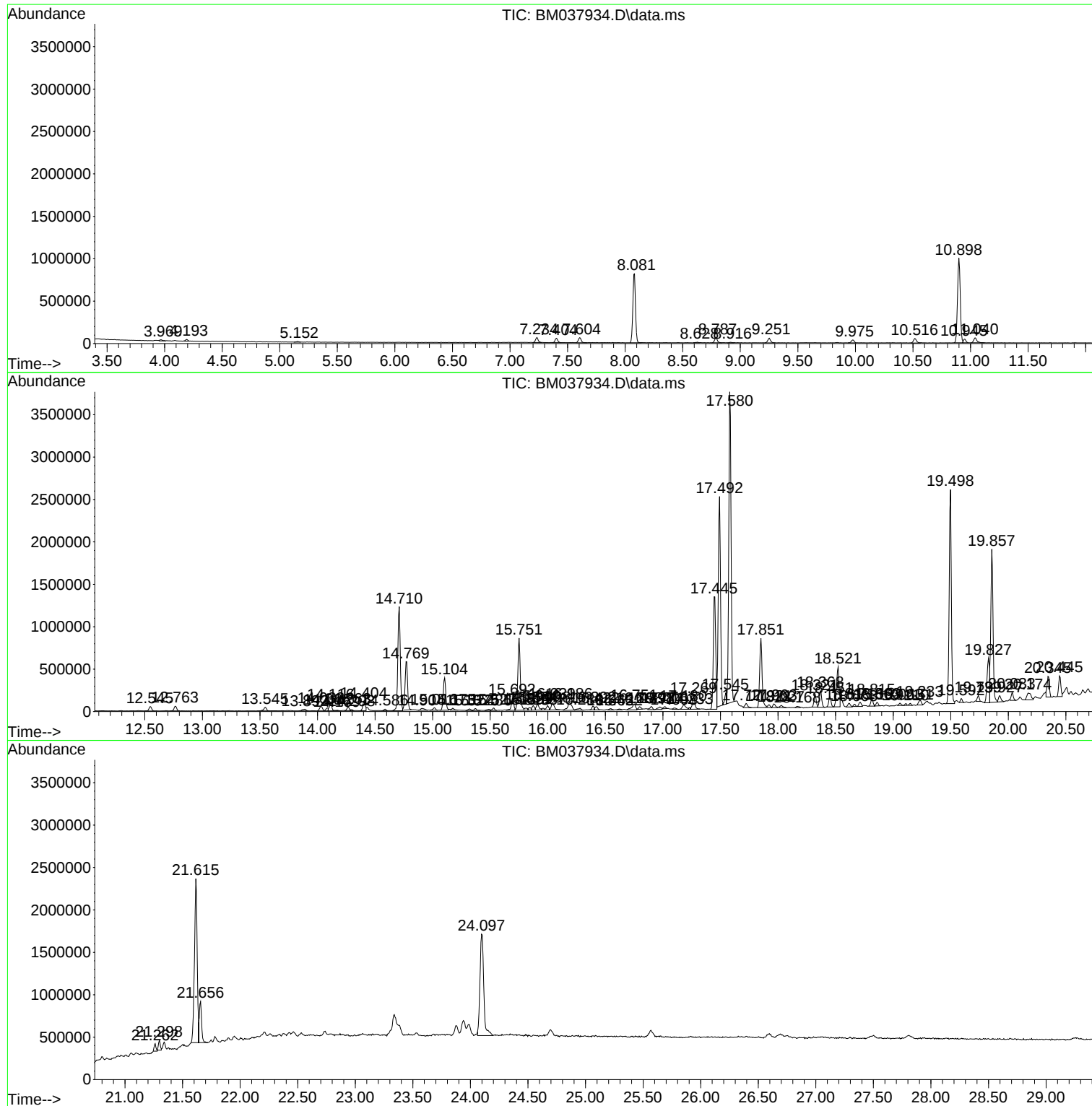
Sum of corrected areas: 39483149

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Instrument :
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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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Instrument :
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DBXL5MEDL

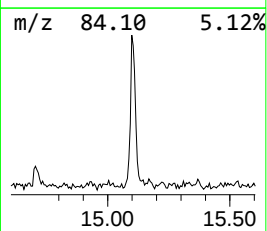
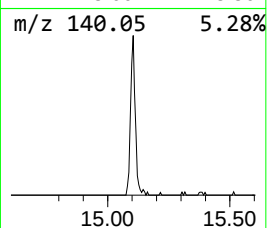
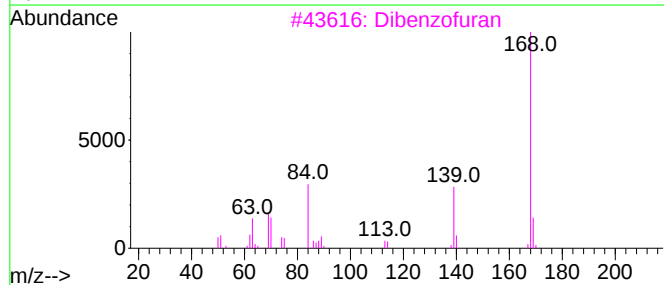
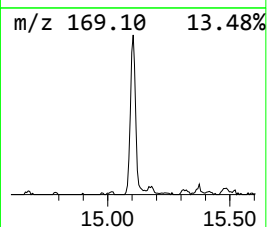
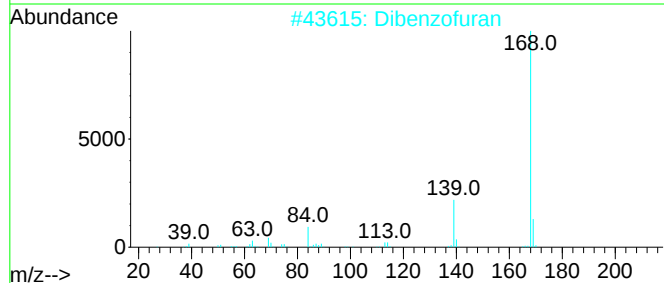
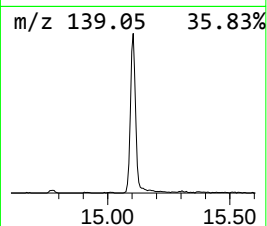
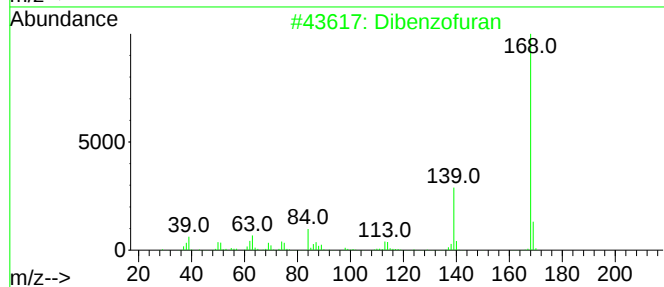
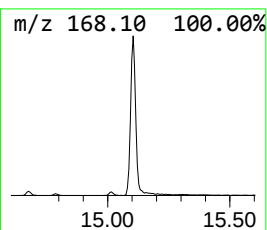
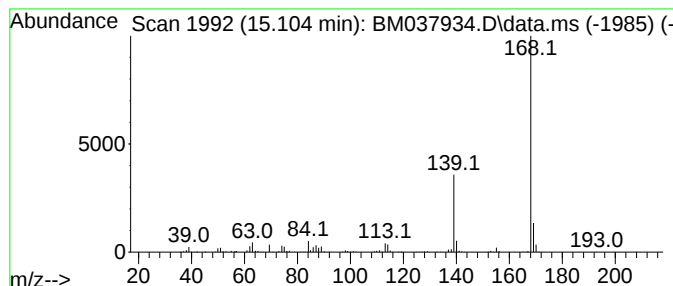
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dibenzo furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	6.27 ng/ul	565910	Acenaphthene-d10	14.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	90
2			Dibenzofuran	168	C12H8O	000132-64-9	86
3			Dibenzofuran	168	C12H8O	000132-64-9	78
4			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	64
5			Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	59



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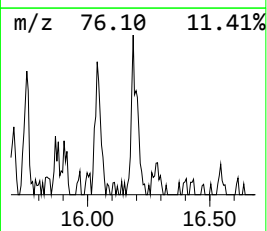
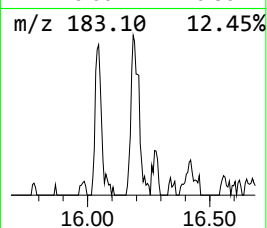
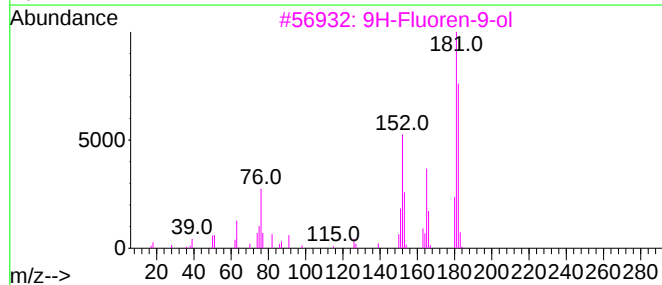
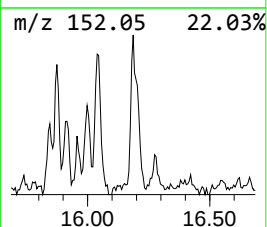
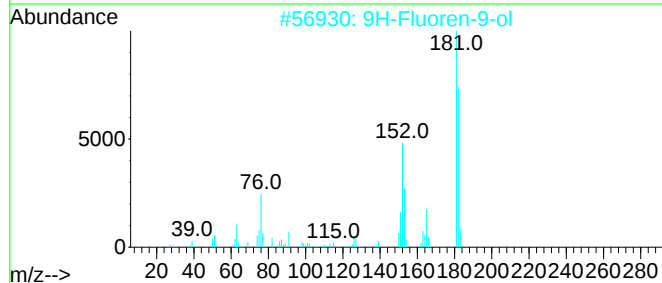
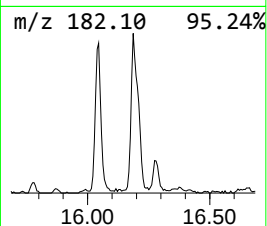
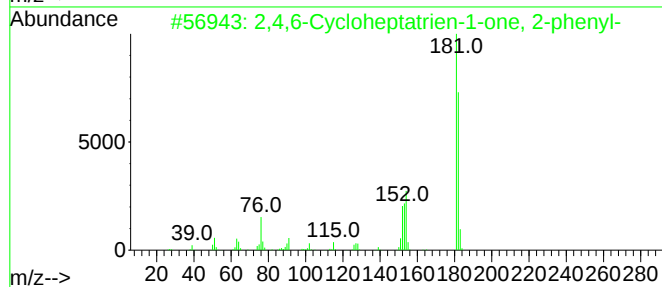
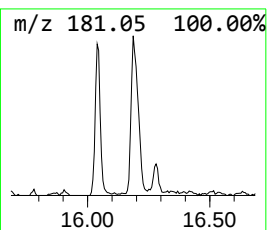
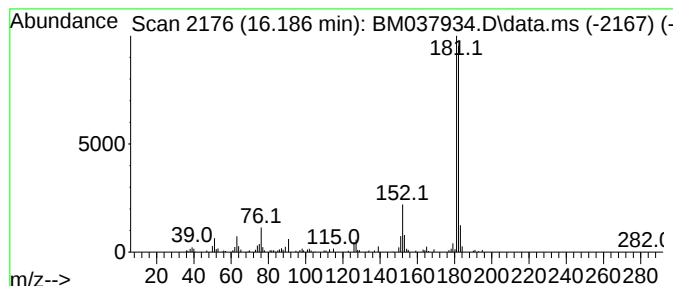
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 2 2,4,6-Cycloheptatrien-1-one... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.186	2.24 ng/ul	221734	Phenanthrene-d10		17.451	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...		182	C13H10O	014562-09-5	87
2	9H-Fluoren-9-ol		182	C13H10O	001689-64-1	87
3	9H-Fluoren-9-ol		182	C13H10O	001689-64-1	80
4	Dibenzofuran, 4-methyl-		182	C13H10O	007320-53-8	78
5	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	72



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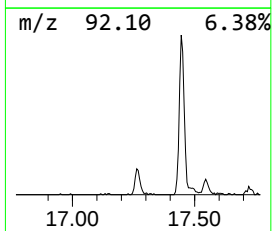
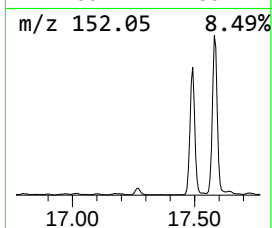
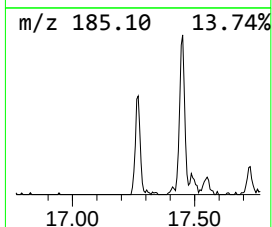
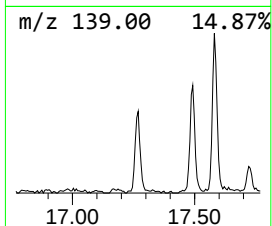
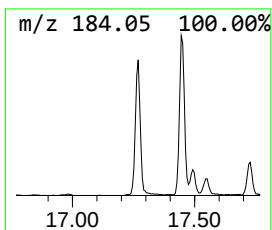
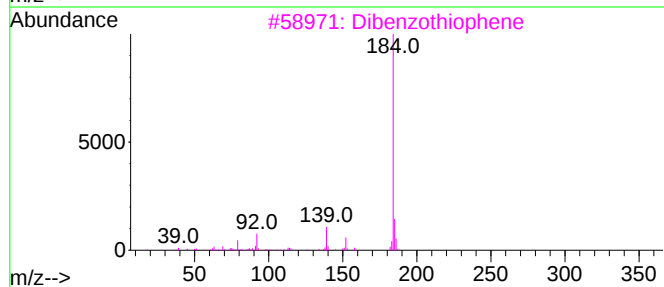
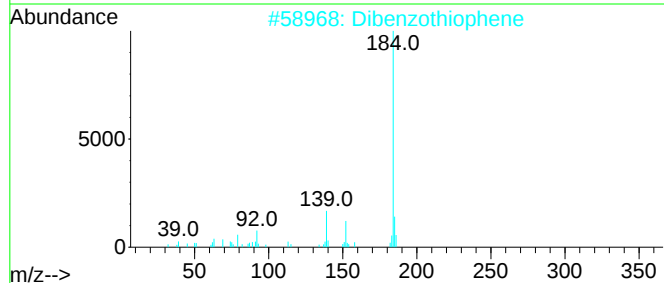
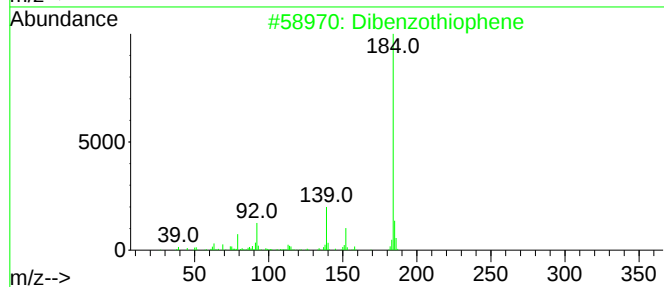
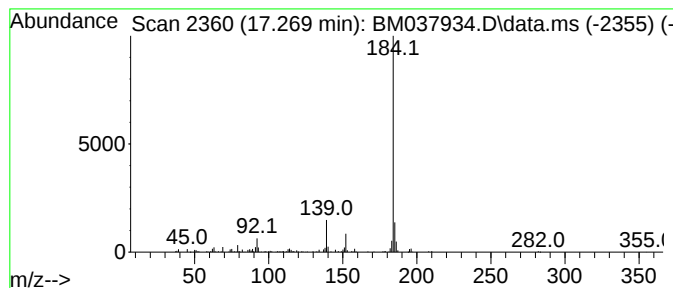
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.269	2.34 ng/ul	231396	Phenanthrene-d10	17.451

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	96
4			Dibenzothiophene	184	C12H8S	000132-65-0	95
5			Dibenzothiophene	184	C12H8S	000132-65-0	95



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Data File : BM037934.D
Acq On : 10 Dec 2022 14:33
Operator : CG/JU
Sample : N5832-20MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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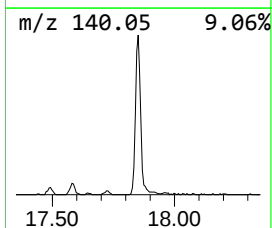
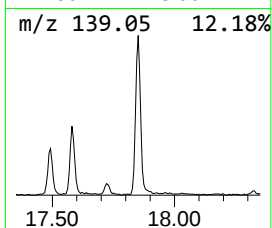
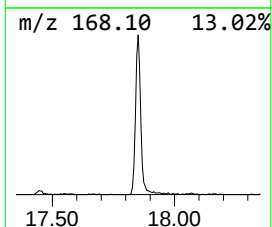
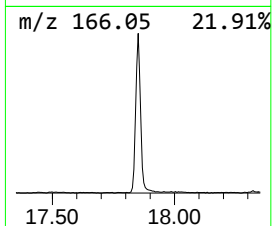
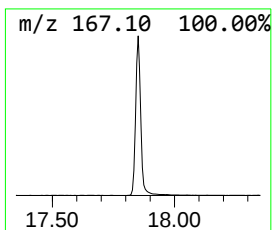
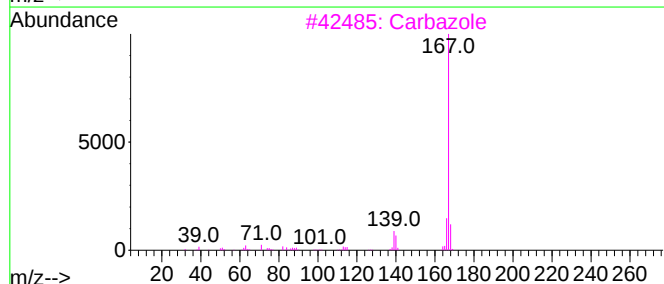
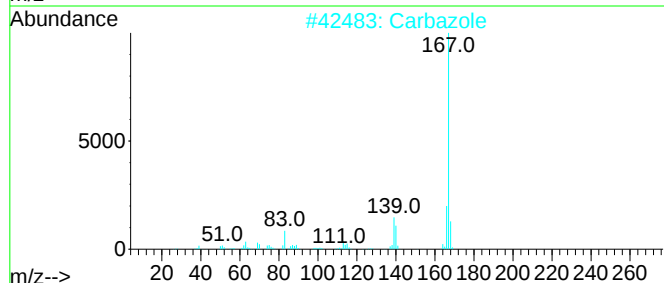
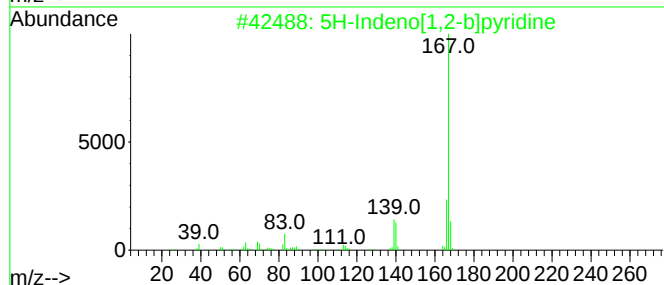
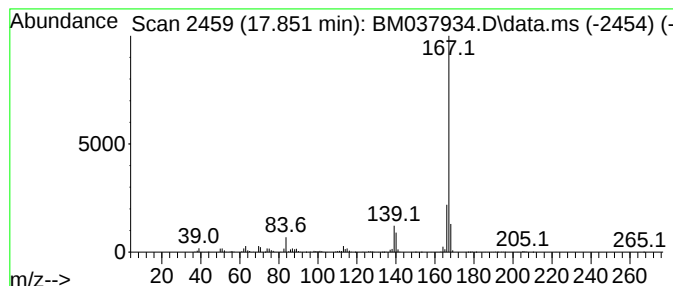
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	11.91 ng/ul	1179800	Phenanthrene-d10	17.451

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	94
3			Carbazole	167	C12H9N	000086-74-8	91
4			Carbazole	167	C12H9N	000086-74-8	87
5			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037934.D
Acq On : 10 Dec 2022 14:33
Operator : CG/JU
Sample : N5832-20MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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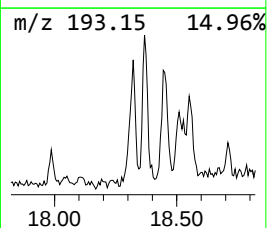
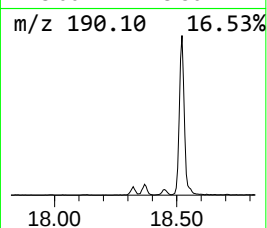
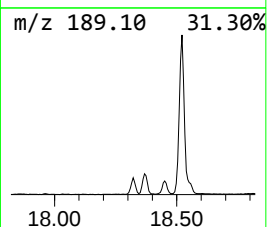
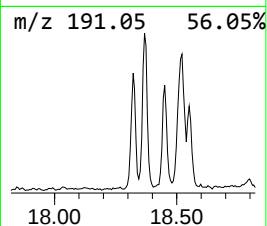
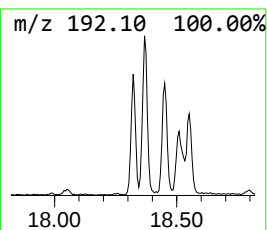
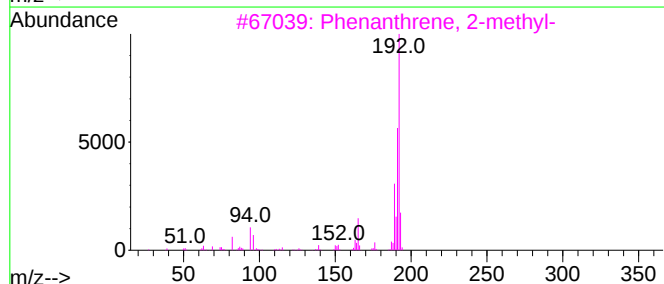
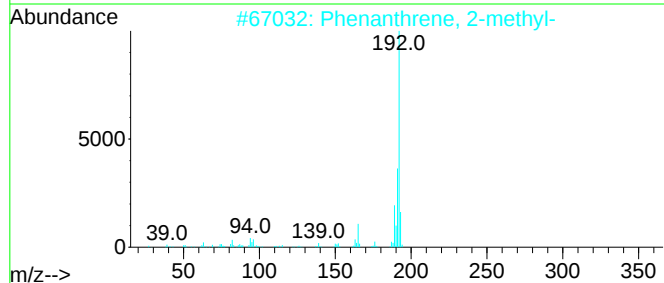
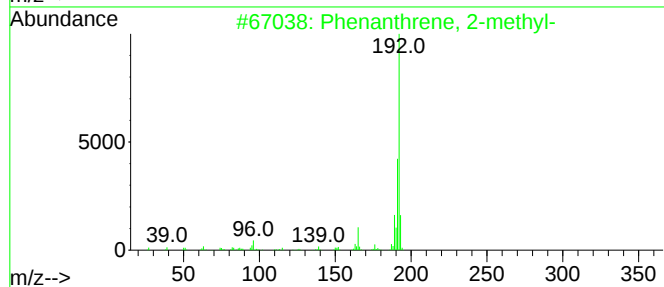
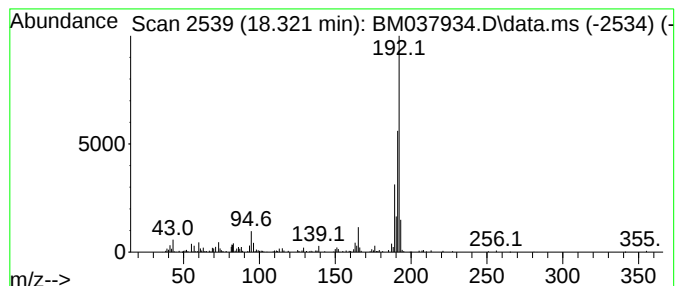
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	2.10 ng/ul	208501	Phenanthrene-d10	17.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037934.D
Acq On : 10 Dec 2022 14:33
Operator : CG/JU
Sample : N5832-20MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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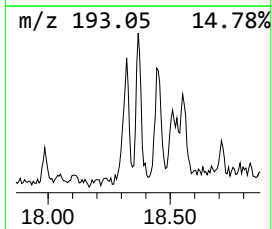
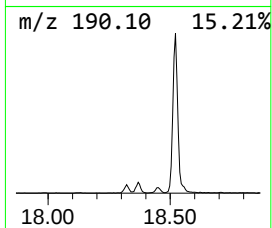
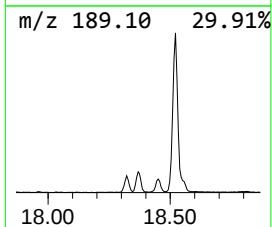
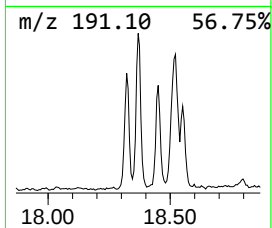
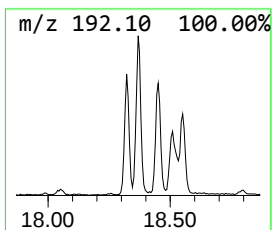
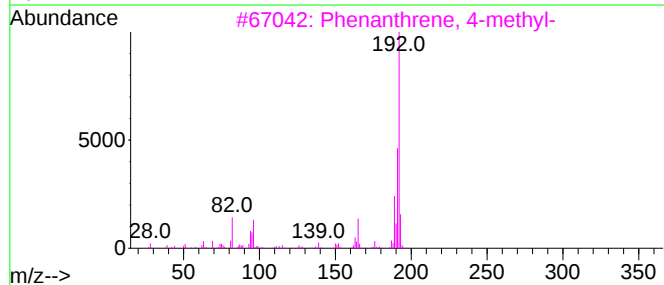
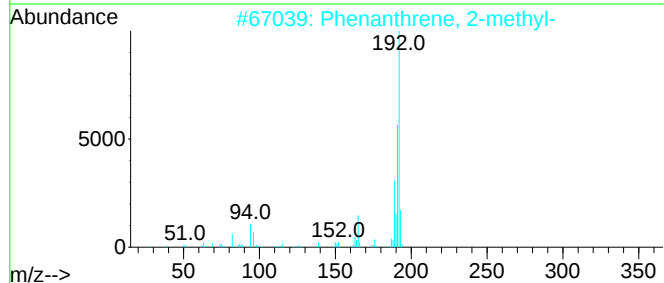
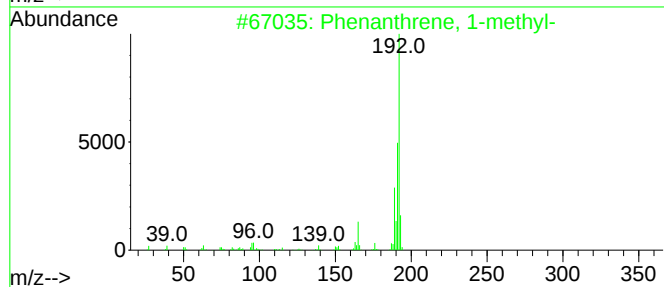
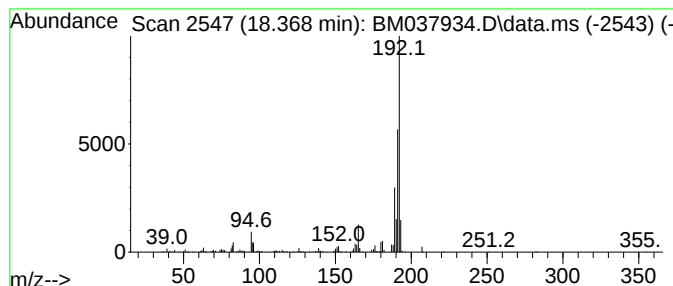
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	2.70 ng/ul	267407	Phenanthrene-d10	17.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037934.D
Acq On : 10 Dec 2022 14:33
Operator : CG/JU
Sample : N5832-20MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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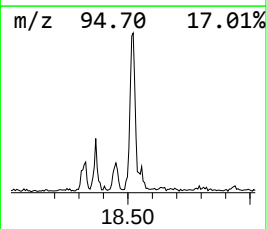
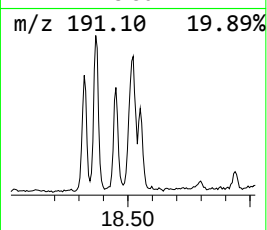
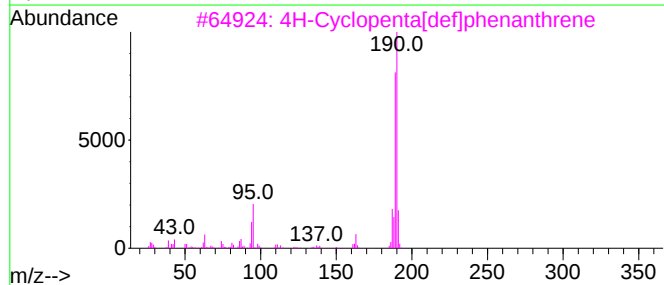
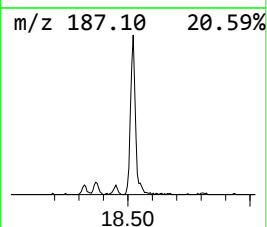
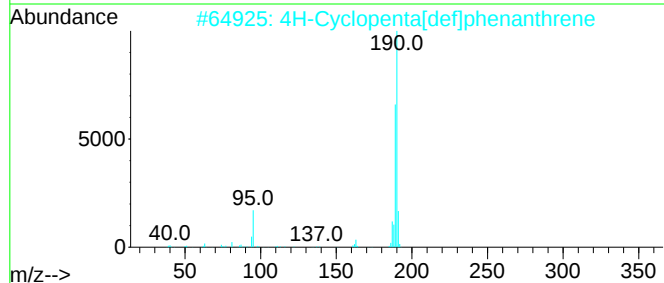
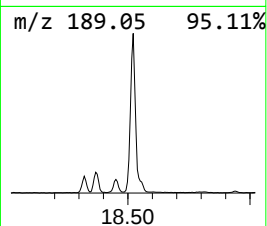
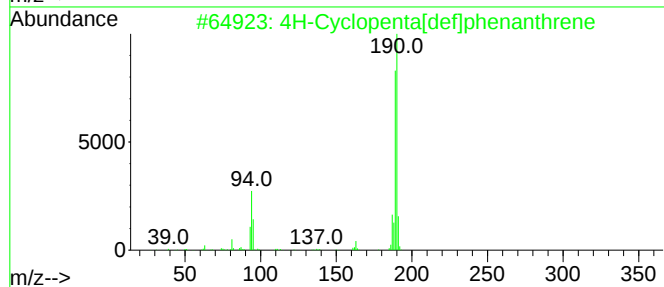
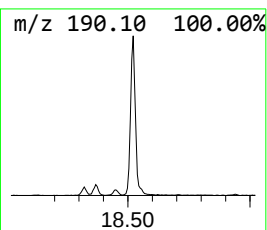
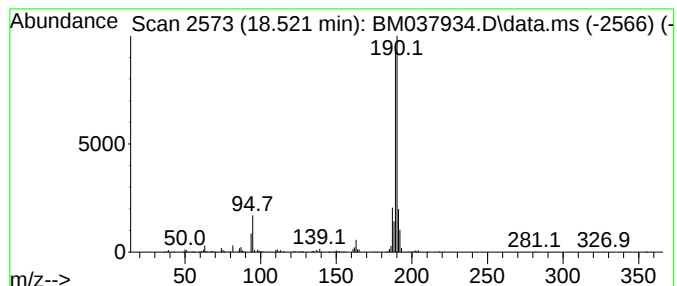
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.521	7.10 ng/ul	703346	Phenanthrene-d10	17.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
4			Phenol, 4-(2-thienylmethyl)-	190	C11H10O5	091680-55-6	64
5			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037934.D
Acq On : 10 Dec 2022 14:33
Operator : CG/JU
Sample : N5832-20MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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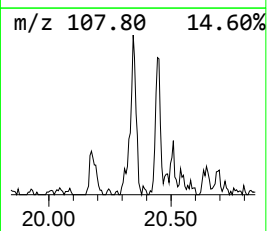
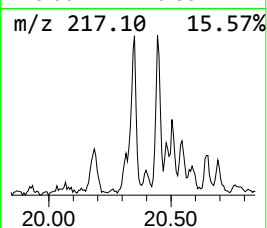
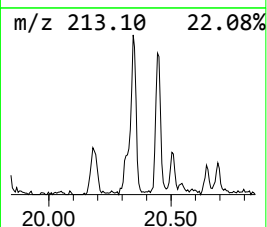
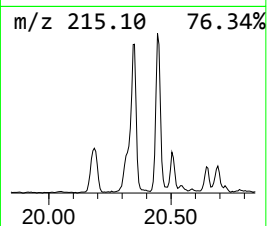
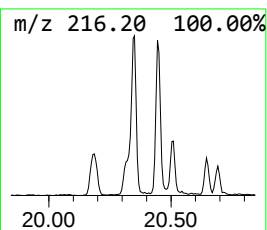
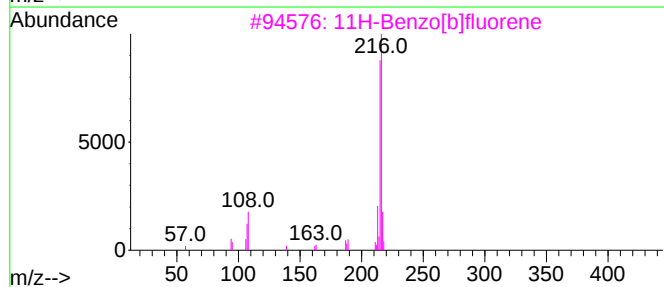
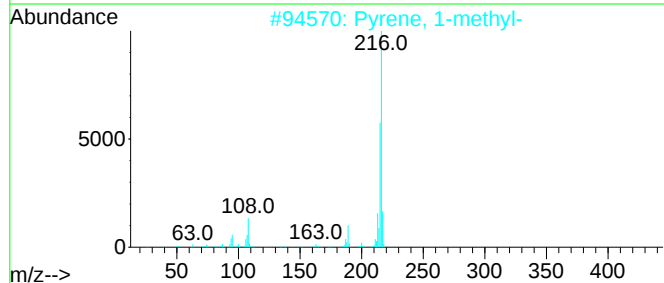
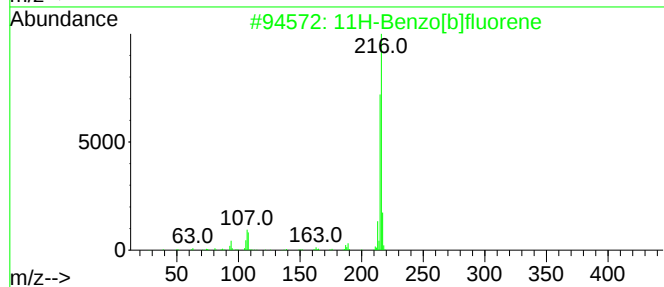
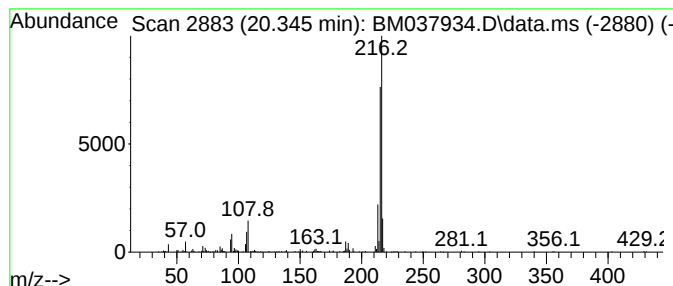
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.345	2.07 ng/ul	325867	Chrysene-d12	21.615

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037934.D
Acq On : 10 Dec 2022 14:33
Operator : CG/JU
Sample : N5832-20MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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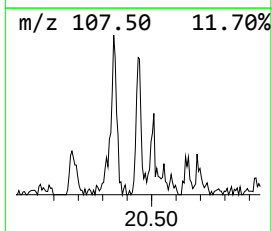
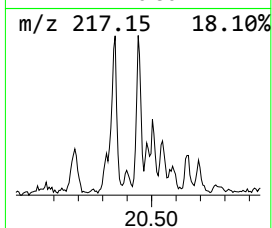
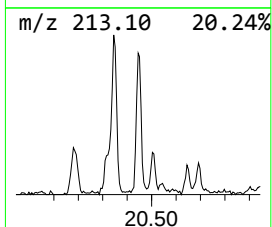
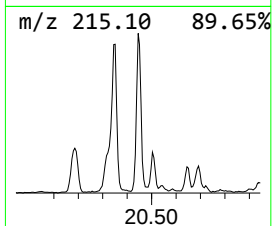
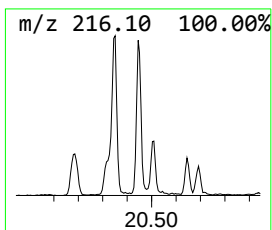
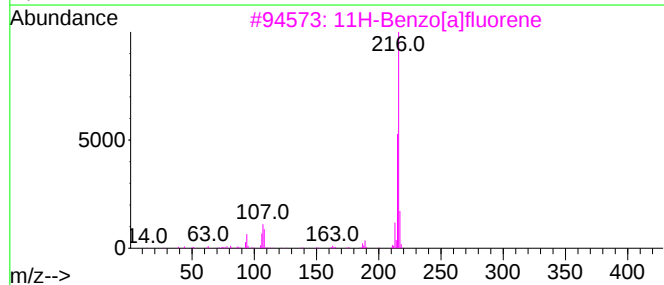
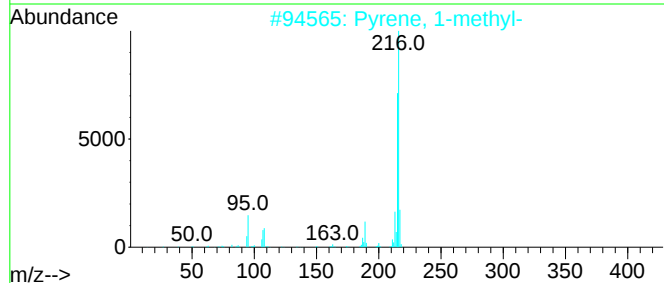
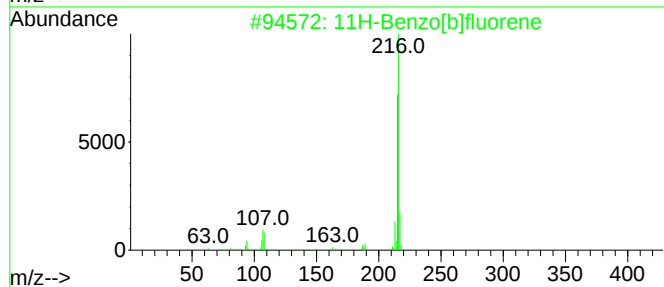
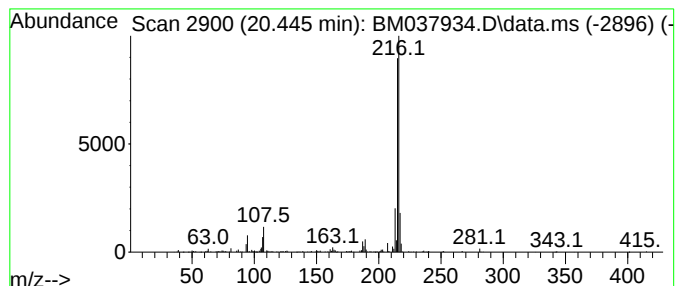
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	2.03 ng/ul	320512	Chrysene-d12	21.615

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037934.D
Acq On : 10 Dec 2022 14:33
Operator : CG/JU
Sample : N5832-20MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL5MEDL

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

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					#	RT	Resp	Conc
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2,4,6-Cyclohept...	16.186	2.2	ng/ul	221734	4	17.451	1981260	20.0
Dibenzothiophene	17.269	2.3	ng/ul	231396	4	17.451	1981260	20.0
5H-Indeno[1,2-b...	17.851	11.9	ng/ul	1179800	4	17.451	1981260	20.0
Phenanthrene, 2...	18.321	2.1	ng/ul	208501	4	17.451	1981260	20.0
Phenanthrene, 1...	18.368	2.7	ng/ul	267407	4	17.451	1981260	20.0
4H-Cyclopenta[d...	18.521	7.1	ng/ul	703346	4	17.451	1981260	20.0
11H-Benzo[b]flu...	20.345	2.1	ng/ul	325867	5	21.615	3154760	20.0
Pyrene, 1-methyl-	20.445	2.0	ng/ul	320512	5	21.615	3154760	20.0