

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049419.D
 Acq On : 23 Jan 2025 14:52
 Operator : RC/JU
 Sample : Q1139-08DL 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH5DL

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-BM011325.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM049419.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.057	688	692	702	rVB	46146	81435	0.14%	0.038%
2	7.516	763	770	782	rBV	773550	1210975	2.01%	0.563%
3	10.275	1230	1239	1244	rBV	989341	1670392	2.78%	0.777%
4	10.328	1244	1248	1257	rVB	759467	1205692	2.00%	0.561%
5	11.945	1513	1523	1534	rBV	1614592	2573251	4.28%	1.197%
6	12.169	1555	1561	1566	rBV	109501	173339	0.29%	0.081%
7	12.980	1692	1699	1708	rBV	641471	1002827	1.67%	0.467%
8	13.180	1727	1733	1736	rBV	72507	109007	0.18%	0.051%
9	13.310	1748	1755	1765	rBV	292240	703628	1.17%	0.327%
10	13.474	1774	1783	1788	rBV	194317	358435	0.60%	0.167%
11	13.527	1788	1792	1797	rVV	147650	223930	0.37%	0.104%
12	13.580	1797	1801	1805	rVB	116379	153834	0.26%	0.072%
13	13.716	1818	1824	1833	rVB	514015	816691	1.36%	0.380%
14	13.845	1841	1846	1849	rBV	112741	177207	0.29%	0.082%
15	13.874	1849	1851	1856	rVB2	108814	140189	0.23%	0.065%
16	14.086	1882	1887	1890	rBV	89156	116215	0.19%	0.054%
17	14.157	1892	1899	1904	rVV	1502603	2131521	3.54%	0.992%
18	14.221	1904	1910	1919	rVV	2204276	3149227	5.24%	1.465%
19	14.374	1929	1936	1946	rBV	80034	225466	0.37%	0.105%
20	14.469	1946	1952	1958	rVB2	113851	195103	0.32%	0.091%
21	14.563	1958	1968	1976	rBV	4056266	5727033	9.52%	2.665%
22	14.645	1977	1982	1986	rVV	116502	180458	0.30%	0.084%
23	14.710	1989	1993	2000	rVB6	47869	79969	0.13%	0.037%
24	14.780	2000	2005	2010	rBV3	97312	168567	0.28%	0.078%
25	14.839	2010	2015	2019	rVB	202836	268010	0.45%	0.125%
26	14.957	2028	2035	2038	rBV2	52474	95486	0.16%	0.044%
27	15.116	2057	2062	2065	rBV5	52176	100672	0.17%	0.047%
28	15.157	2065	2069	2073	rVB2	141306	189591	0.32%	0.088%
29	15.216	2073	2079	2085	rBV	12293750	17601411	29.26%	8.189%
30	15.310	2091	2095	2096	rBV2	69155	82673	0.14%	0.038%
31	15.339	2096	2100	2103	rVV	186586	257430	0.43%	0.120%
32	15.374	2103	2106	2111	rVB2	238345	299445	0.50%	0.139%
33	15.427	2111	2115	2116	rBV2	89868	95786	0.16%	0.045%
34	15.463	2116	2121	2125	rVV	726889	1041333	1.73%	0.485%
35	15.510	2125	2129	2139	rVB2	323901	620897	1.03%	0.289%
36	15.627	2140	2149	2151	rBV	273757	477146	0.79%	0.222%

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Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

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

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Title : SVOA CALIBRATION

37	15.657	2151	2154	2162	rVB	448119	873518	1.45%	0.406%
38	15.739	2162	2168	2175	rBV3	73091	160321	0.27%	0.075%
39	15.892	2189	2194	2199	rBV4	155088	309059	0.51%	0.144%
40	16.010	2209	2214	2222	rBV2	253876	428699	0.71%	0.199%
41	16.104	2222	2230	2238	rBV10	30707	124895	0.21%	0.058%
42	16.221	2239	2250	2254	rBV	317597	658768	1.10%	0.307%
43	16.268	2254	2258	2263	rVB2	228892	323708	0.54%	0.151%
44	16.368	2270	2275	2280	rVB3	123484	214077	0.36%	0.100%
45	16.421	2280	2284	2287	rBV	110201	160946	0.27%	0.075%
46	16.492	2292	2296	2299	rVB3	93825	123549	0.21%	0.057%
47	16.568	2305	2309	2316	rVB5	114145	184502	0.31%	0.086%
48	16.663	2318	2325	2329	rVV2	176227	394985	0.66%	0.184%
49	16.727	2329	2336	2352	rVB	1330878	2210547	3.67%	1.029%
50	16.910	2361	2367	2370	rBV	1524198	2369326	3.94%	1.102%
51	16.962	2370	2376	2381	rVV	21591637	34205185	56.86%	15.915%
52	17.062	2381	2393	2398	rVV2	29399501	60152458	100.00%	27.987%
53	17.104	2398	2400	2407	rVV	478469	657272	1.09%	0.306%
54	17.186	2410	2414	2419	rVB	632322	878533	1.46%	0.409%
55	17.327	2430	2438	2443	rBV	14087725	21874333	36.36%	10.178%
56	17.439	2452	2457	2462	rBV3	185649	260917	0.43%	0.121%
57	17.492	2462	2466	2476	rVB2	242538	401839	0.67%	0.187%
58	17.639	2485	2491	2499	rVB2	102972	216433	0.36%	0.101%
59	17.786	2511	2516	2520	rBV	412948	556032	0.92%	0.259%
60	17.833	2520	2524	2530	rVB	758775	1041992	1.73%	0.485%
61	17.915	2533	2538	2543	rBV	1232243	1627128	2.71%	0.757%
62	17.980	2543	2549	2553	rVV	1412305	2207993	3.67%	1.027%
63	18.015	2553	2555	2563	rVB	671331	843236	1.40%	0.392%
64	18.092	2563	2568	2572	rBV	442933	602128	1.00%	0.280%
65	18.139	2572	2576	2580	rVV	441162	603630	1.00%	0.281%
66	18.180	2580	2583	2588	rVB2	149932	223656	0.37%	0.104%
67	18.292	2598	2602	2606	rBV	306959	443237	0.74%	0.206%
68	18.333	2606	2609	2615	rVB2	243318	356110	0.59%	0.166%
69	18.539	2642	2644	2648	rVV	104038	131722	0.22%	0.061%
70	18.592	2650	2653	2656	rVV	107011	142128	0.24%	0.066%
71	18.633	2656	2660	2663	rVB2	96634	133155	0.22%	0.062%
72	18.715	2669	2674	2678	rBV	184648	305086	0.51%	0.142%
73	18.774	2679	2684	2688	rBV3	189968	298017	0.50%	0.139%
74	18.856	2694	2698	2705	rBV2	90039	190705	0.32%	0.089%
75	18.980	2713	2719	2727	rVV	8492474	10466468	17.40%	4.870%
76	19.051	2727	2731	2733	rVV2	88951	122925	0.20%	0.057%

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77	19.080	2733	2736	2740	rVV3	81923	113422	0.19%	0.053%
78	19.221	2756	2760	2765	rVB2	142844	214066	0.36%	0.100%
79	19.339	2771	2780	2790	rBV2	3838062	6993489	11.63%	3.254%
80	19.415	2790	2793	2801	rVB2	159593	279667	0.46%	0.130%
81	19.527	2808	2812	2820	rBV	287065	356184	0.59%	0.166%
82	19.674	2831	2837	2843	rBV4	193444	460906	0.77%	0.214%
83	19.809	2855	2860	2862	rBV3	159897	263152	0.44%	0.122%
84	19.845	2862	2866	2871	rVB	828157	1107174	1.84%	0.515%
85	19.945	2878	2883	2887	rBV	832927	1018196	1.69%	0.474%
86	20.003	2887	2893	2896	rVV3	234192	390962	0.65%	0.182%
87	20.039	2897	2899	2904	rVB	117810	139093	0.23%	0.065%
88	20.086	2904	2907	2912	rVB2	64985	85337	0.14%	0.040%
89	20.139	2913	2916	2920	rBV	94286	121731	0.20%	0.057%
90	20.186	2920	2924	2929	rBV2	107972	179987	0.30%	0.084%
91	20.556	2983	2987	2991	rBV4	90397	163958	0.27%	0.076%
92	20.762	3018	3022	3025	rBV	272050	320953	0.53%	0.149%
93	20.803	3025	3029	3032	rVV	186015	223875	0.37%	0.104%
94	20.839	3032	3035	3041	rVB2	142704	247956	0.41%	0.115%
95	21.133	3078	3085	3090	rBV2	2288129	4785903	7.96%	2.227%
96	21.180	3090	3093	3101	rVB	1431695	2007579	3.34%	0.934%
97	21.309	3112	3115	3120	rBV	92857	134471	0.22%	0.063%
98	21.445	3135	3138	3142	rVB	115846	149023	0.25%	0.069%
99	23.044	3404	3410	3417	rBV	475737	1263423	2.10%	0.588%
100	23.915	3550	3558	3574	rBV	1130306	2722767	4.53%	1.267%

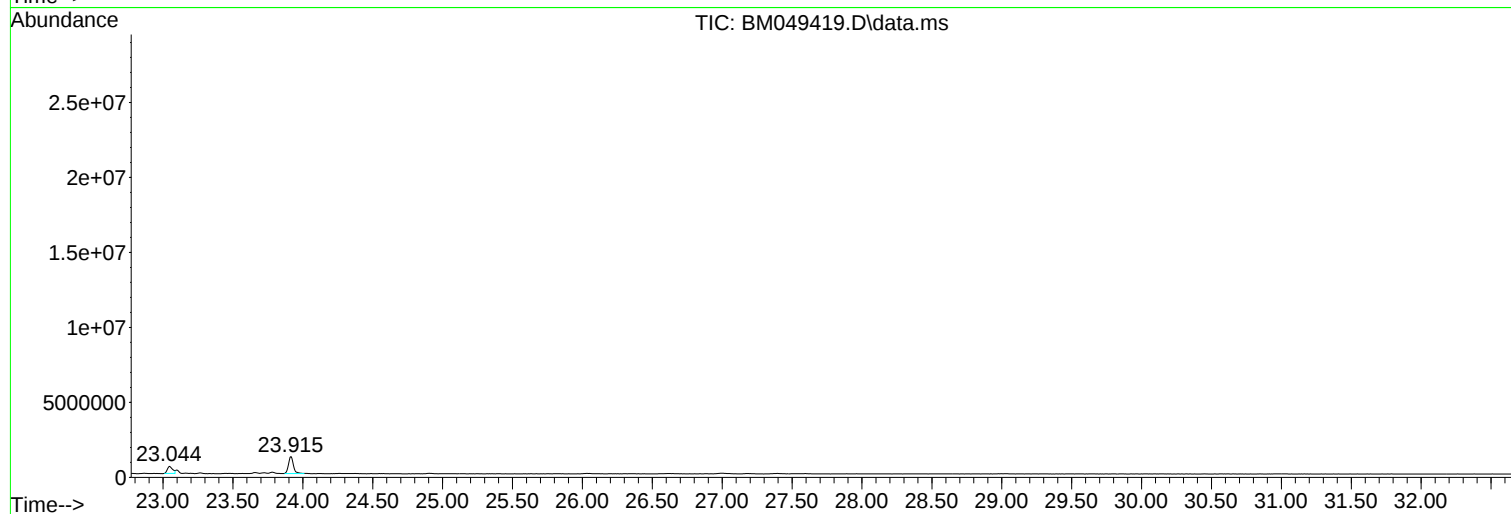
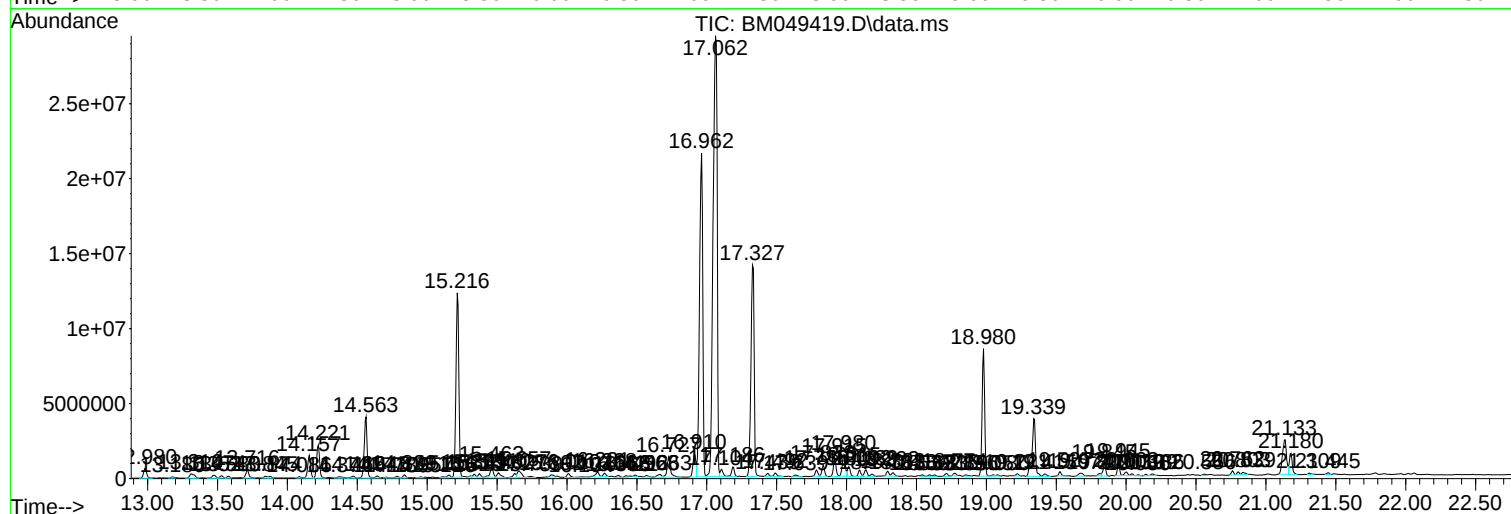
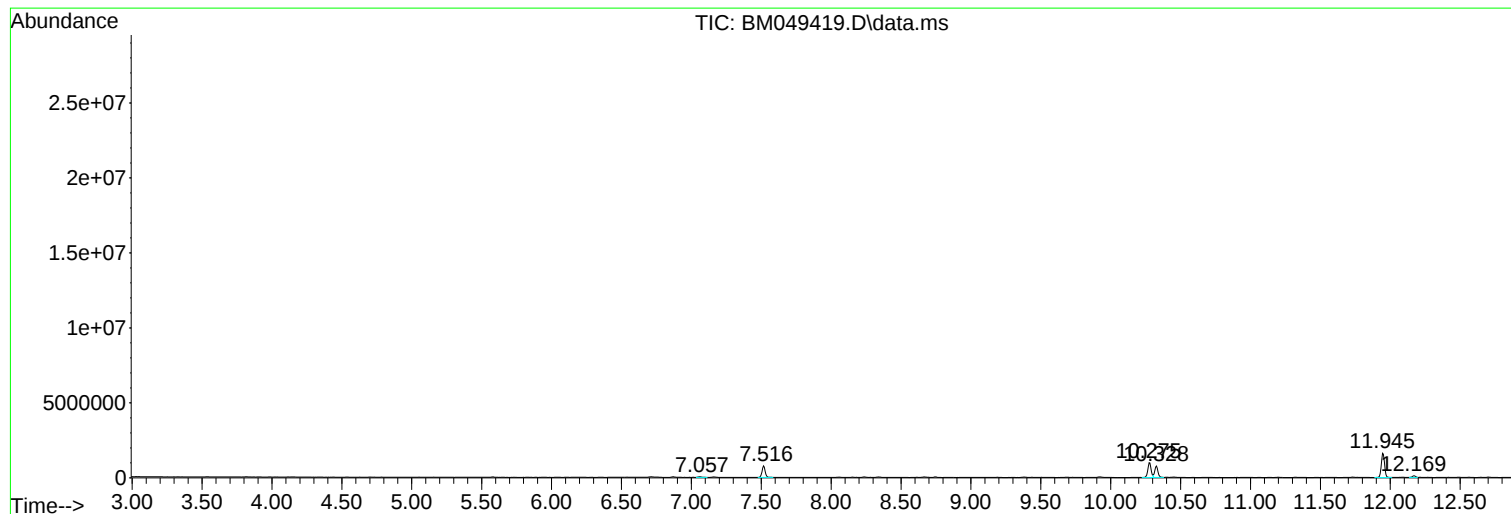
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ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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



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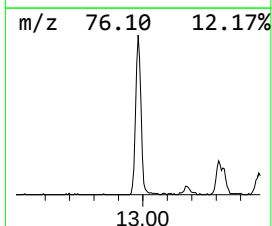
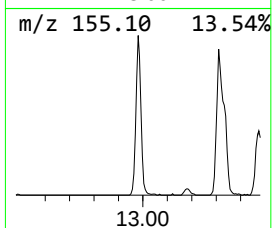
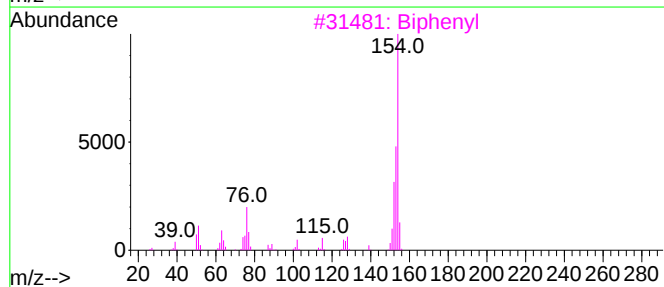
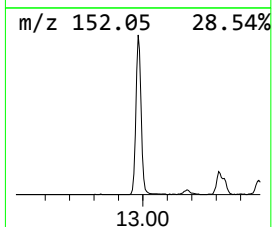
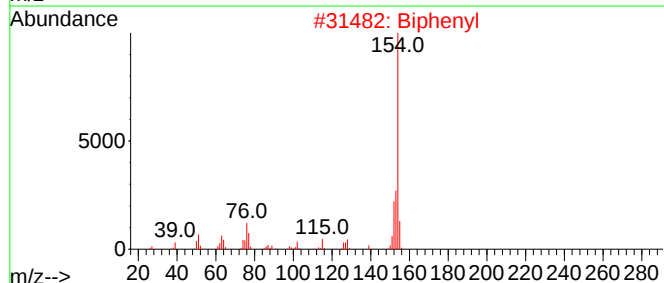
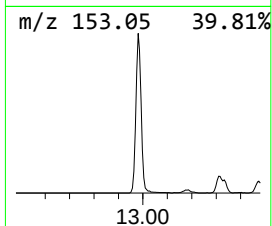
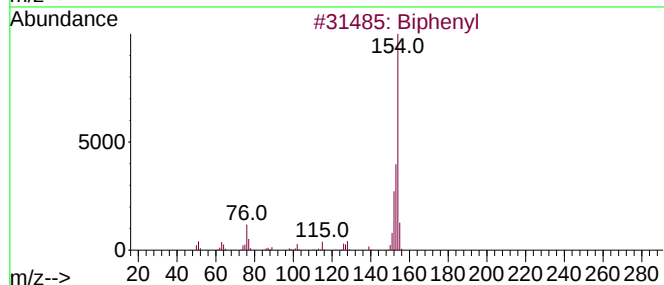
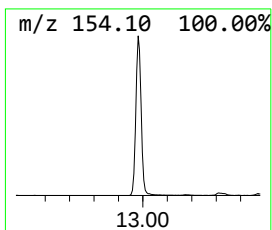
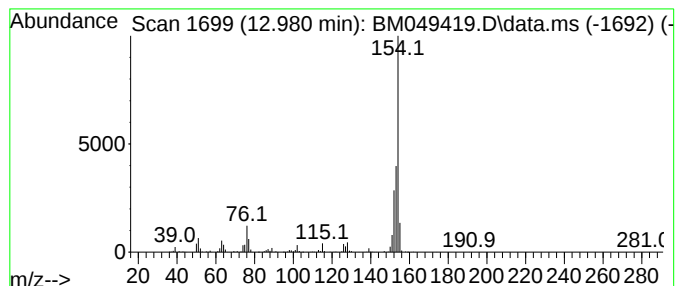
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Biphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	9.41 ng/ul	1002830	Acenaphthene-d10	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl			154	C12H10	000092-52-4	95
2	Biphenyl			154	C12H10	000092-52-4	94
3	Biphenyl			154	C12H10	000092-52-4	93
4	Naphthalene, 2-ethenyl-			154	C12H10	000827-54-3	87
5	Biphenyl			154	C12H10	000092-52-4	87



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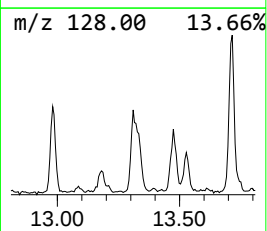
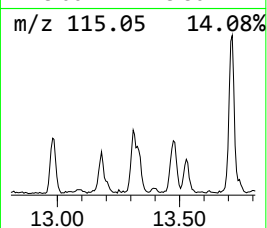
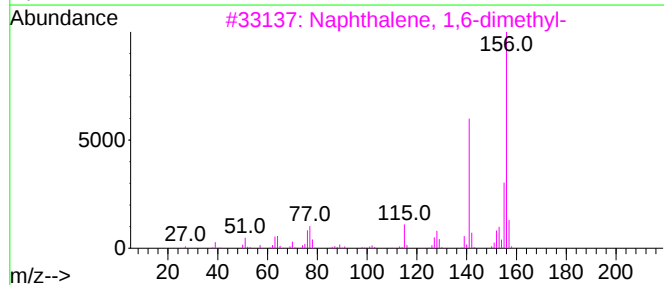
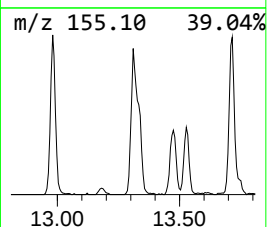
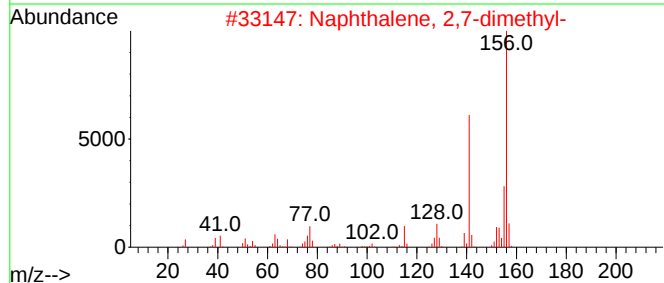
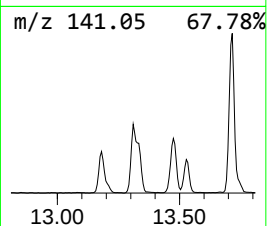
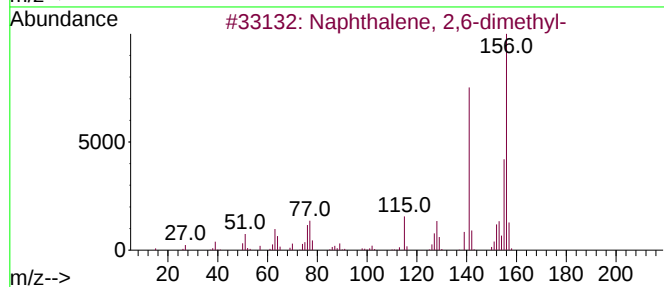
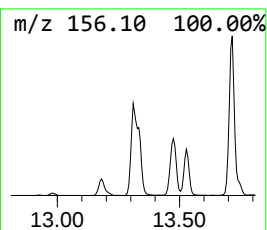
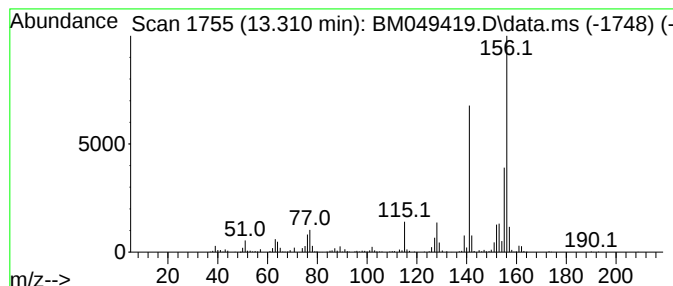
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	6.60 ng/ul	703628	Acenaphthene-d10	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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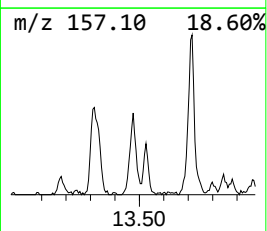
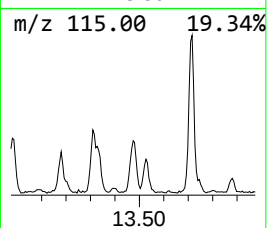
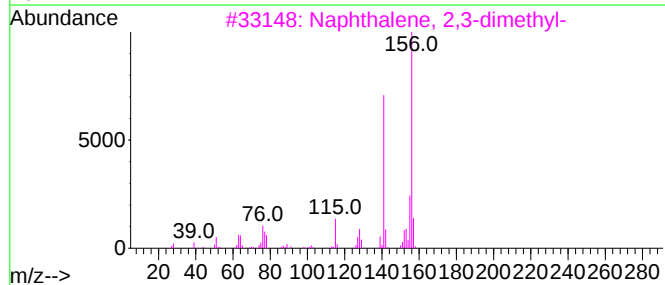
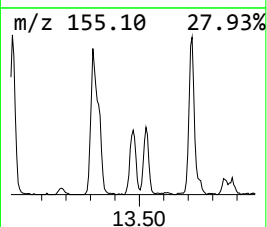
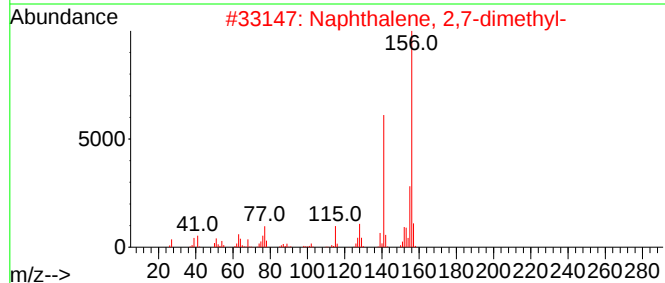
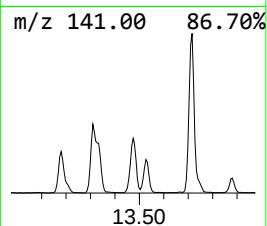
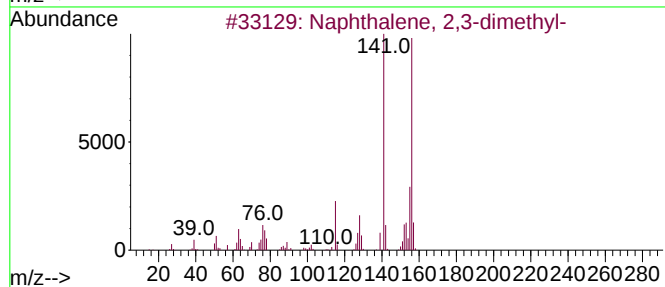
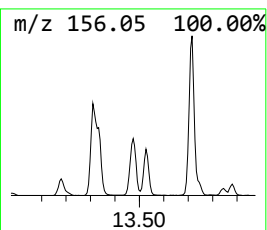
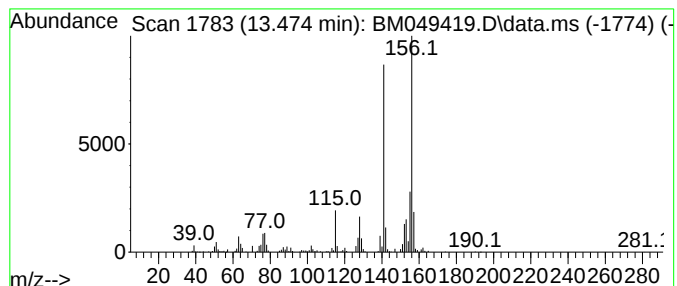
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	3.36 ng/ul	358435	Acenaphthene-d10	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5DL

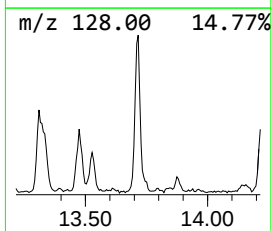
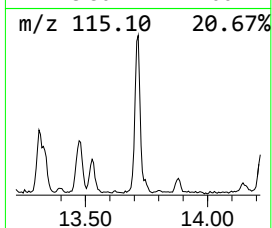
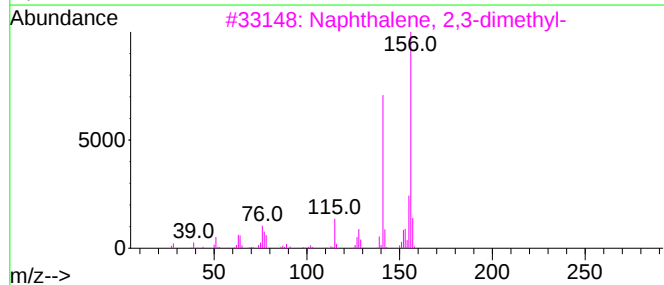
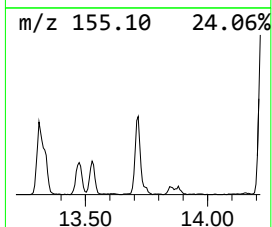
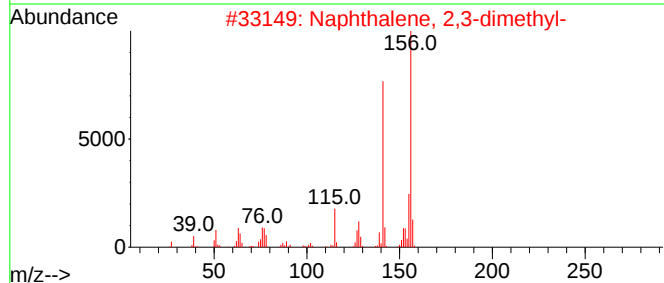
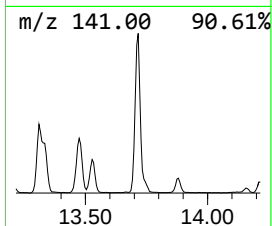
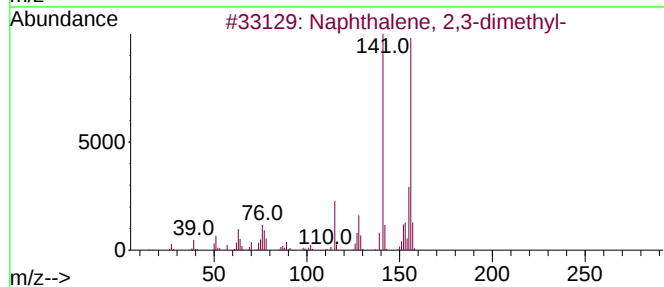
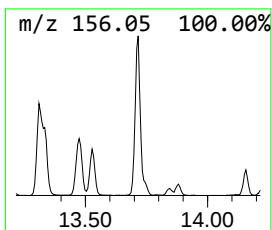
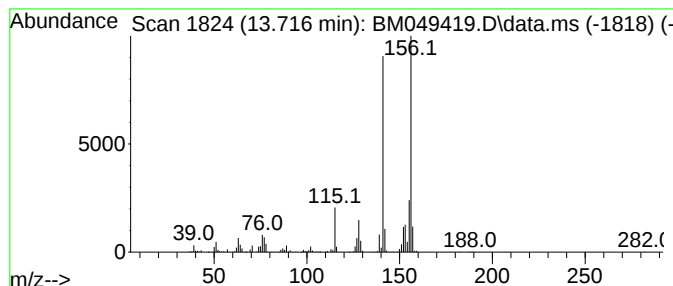
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	7.66 ng/ul	816691	Acenaphthene-d10	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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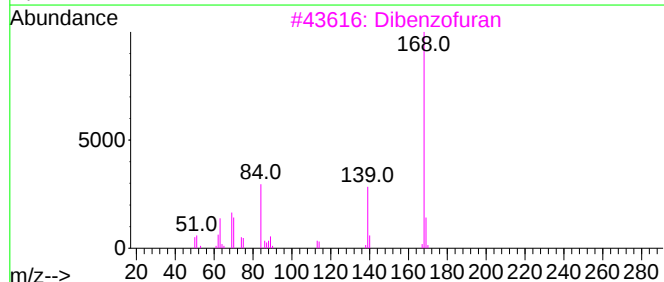
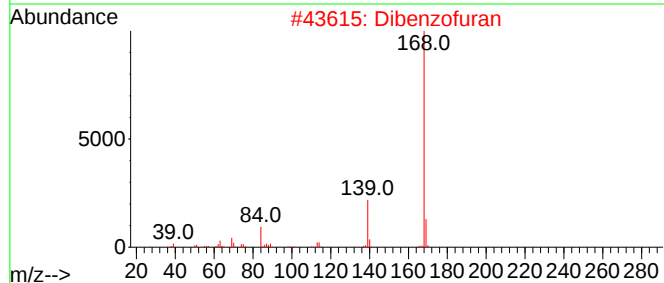
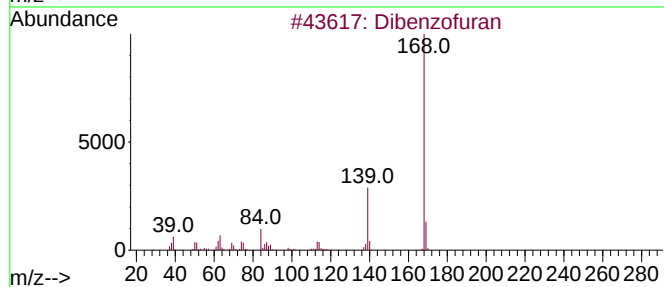
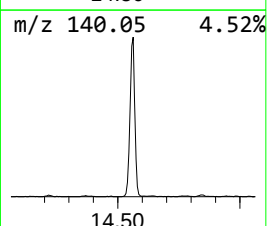
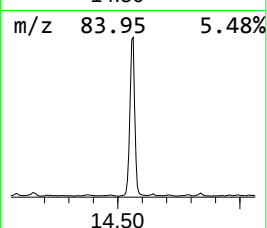
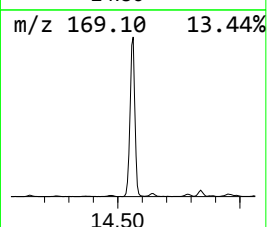
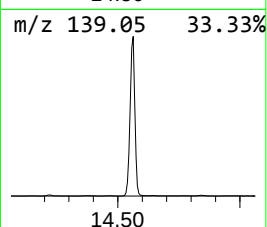
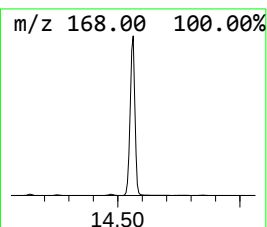
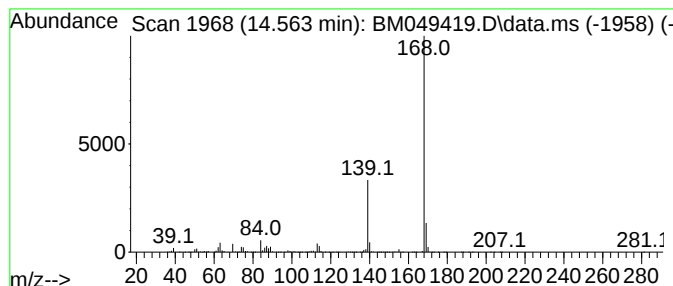
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Dibenzo furan Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	53.74 ng/ul	5727030	Acenaphthene-d10	14.157

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			Dibenzofuran	168	C12H8O	000132-64-9	72
4			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59
5			Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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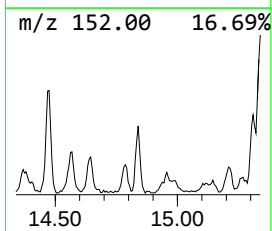
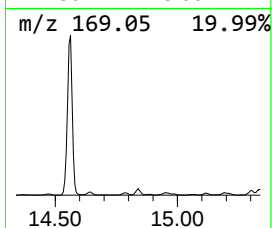
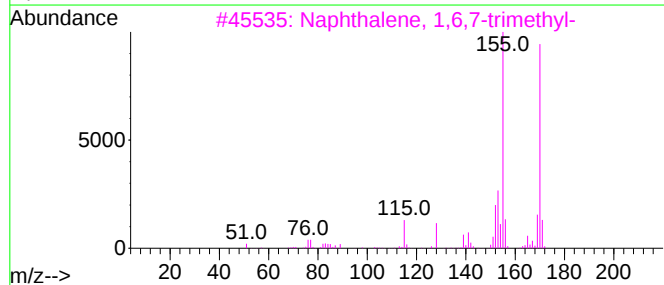
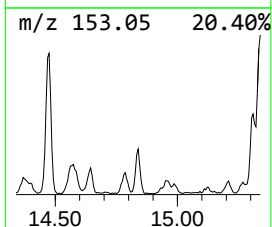
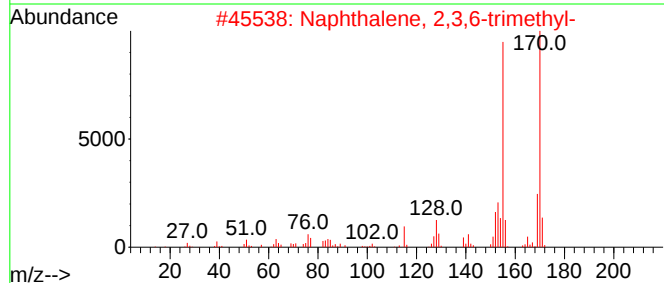
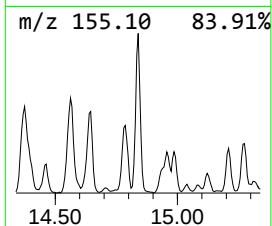
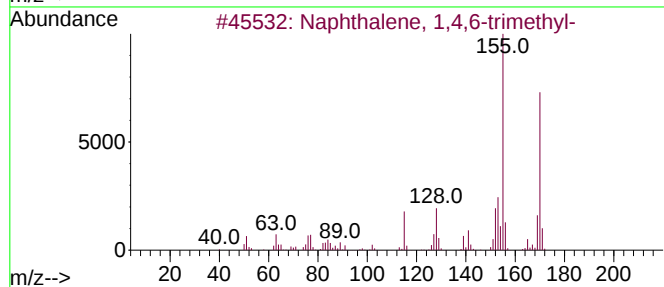
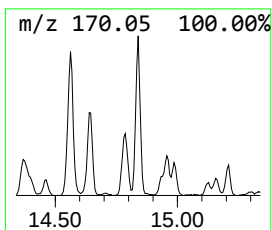
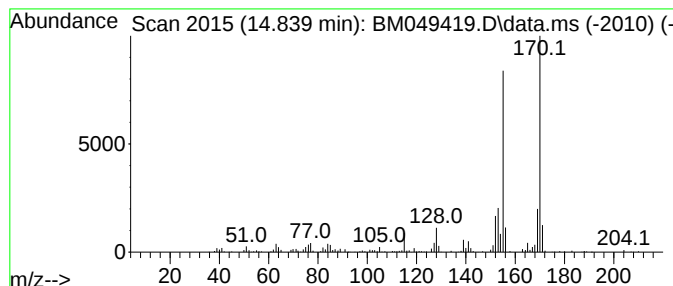
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	2.51 ng/ul	268010	Acenaphthene-d10	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
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Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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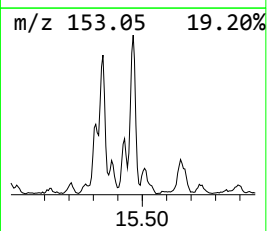
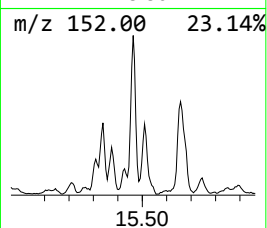
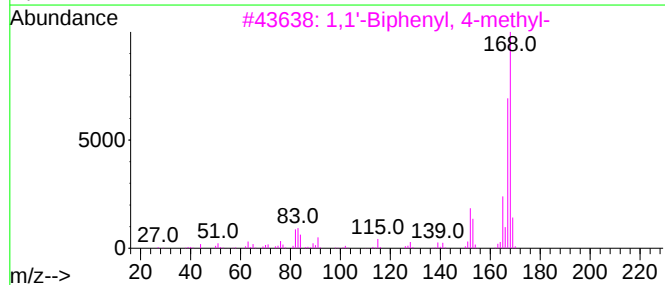
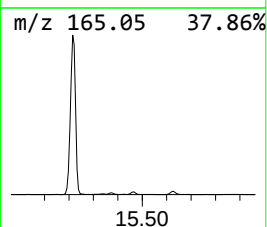
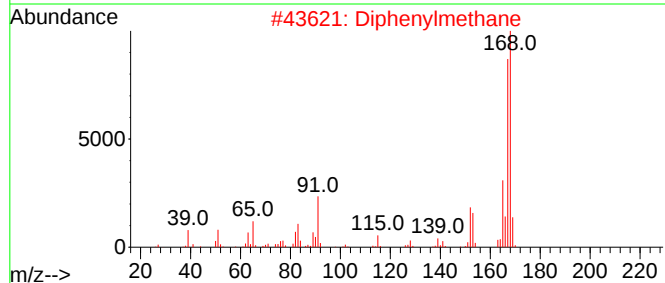
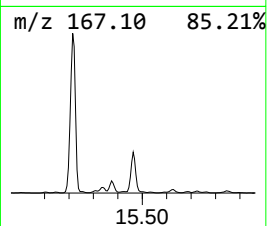
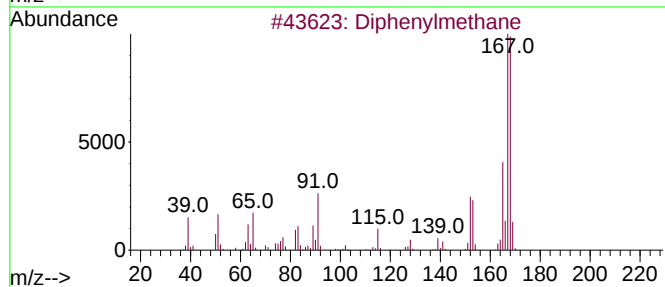
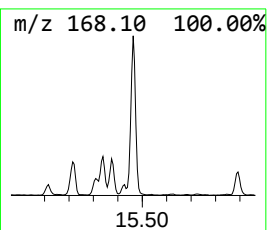
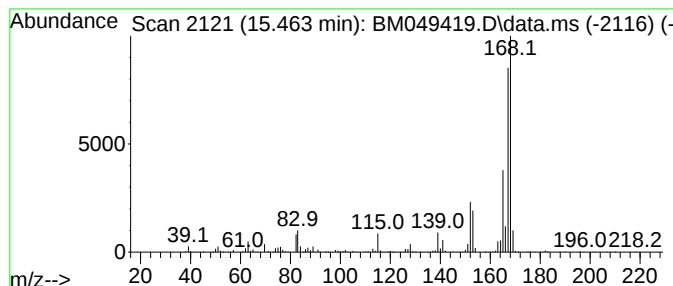
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Diphenylmethane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	9.77 ng/ul	1041330	Acenaphthene-d10	14.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diphenylmethane	168	C13H12	000101-81-5	93
2		Diphenylmethane	168	C13H12	000101-81-5	93
3		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	87
5		Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
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Sample : Q1139-08DL 10X
Misc :
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Instrument :
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ClientSampleId :
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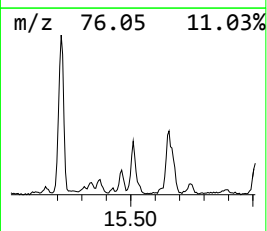
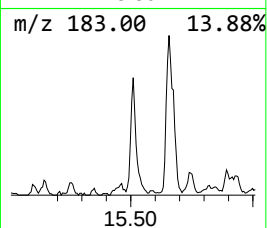
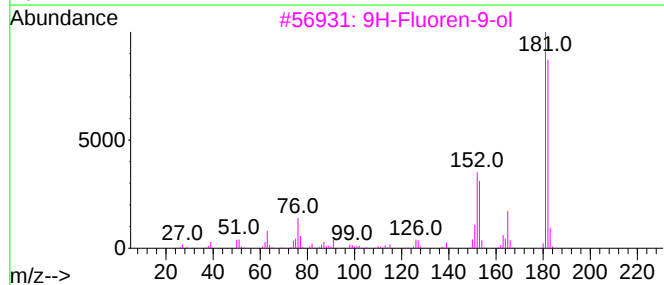
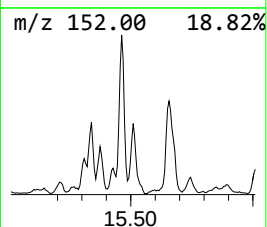
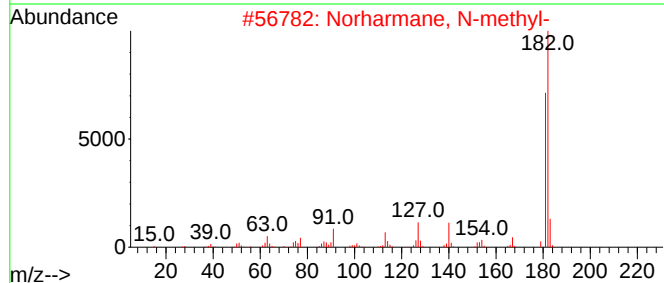
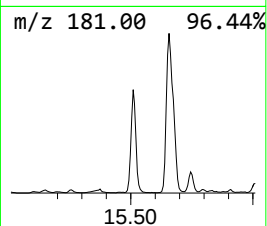
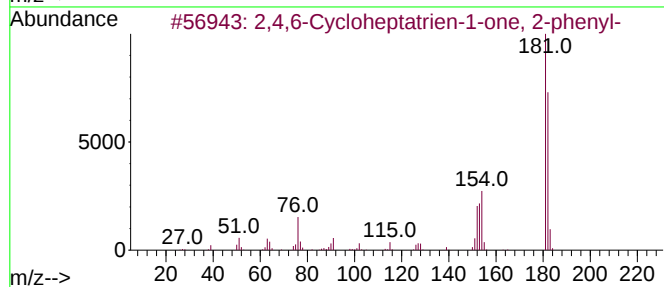
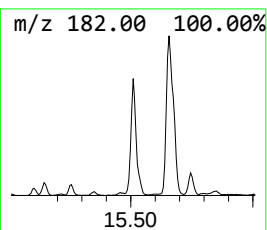
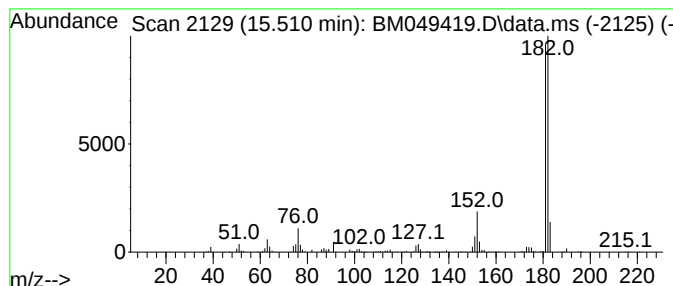
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 2,4,6-Cycloheptatrien-1-one... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.510	5.83 ng/ul	620897	Acenaphthene-d10	14.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2		Norharmene, N-methyl-	182	C12H10N2	1010374-78-6	80
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	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\BM012225\
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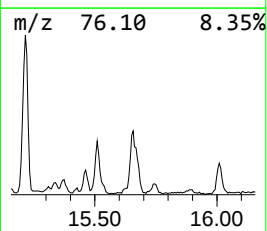
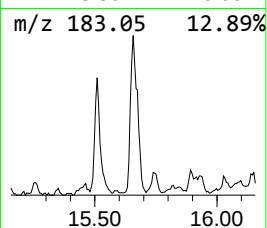
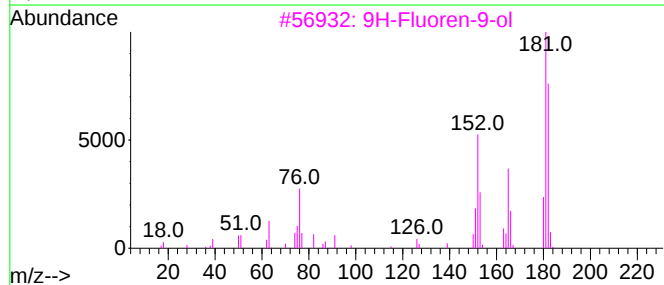
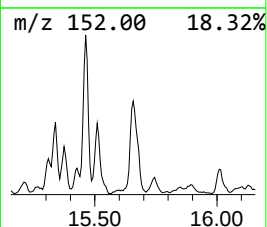
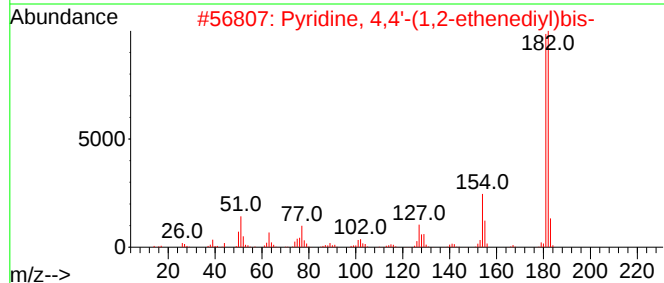
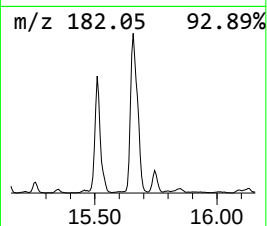
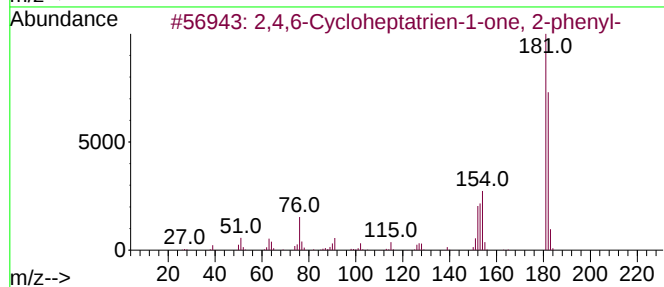
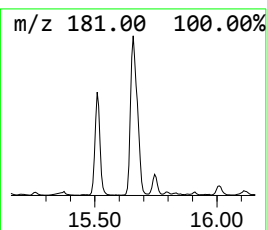
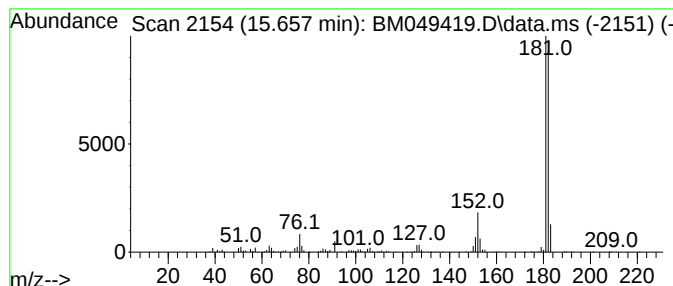
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Pyridine, 4,4'-(1,2-ethened... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.657	7.37 ng/ul	873518	Phenanthrene-d10			16.910
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...		182	C13H10O	014562-09-5	86
2	Pyridine, 4,4'-(1,2-ethenediyl)bis-		182	C12H10N2	001135-32-6	86
3	9H-Fluoren-9-ol		182	C13H10O	001689-64-1	83
4	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	78
5	3-(2-Naphthyl)acrylaldehyde		182	C13H10O	020884-05-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
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ALS Vial : 41 Sample Multiplier: 1

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ClientSampleId :
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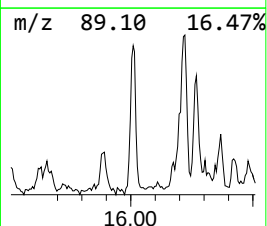
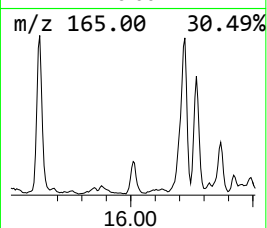
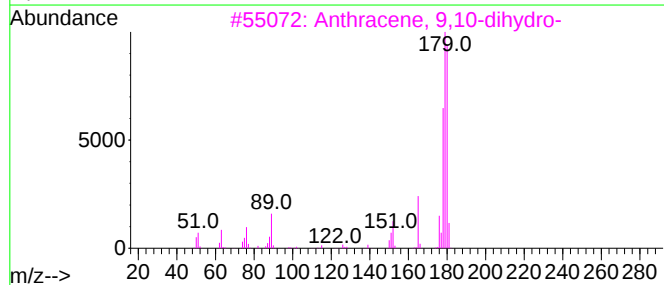
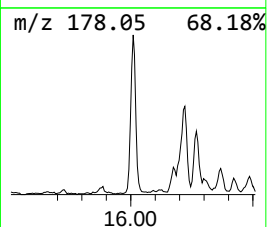
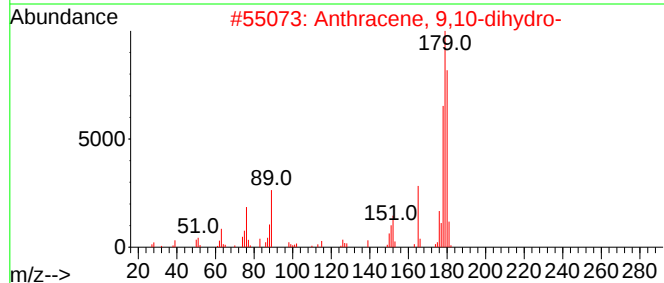
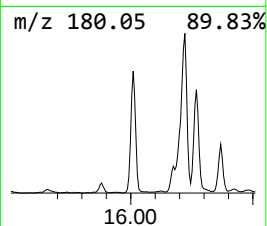
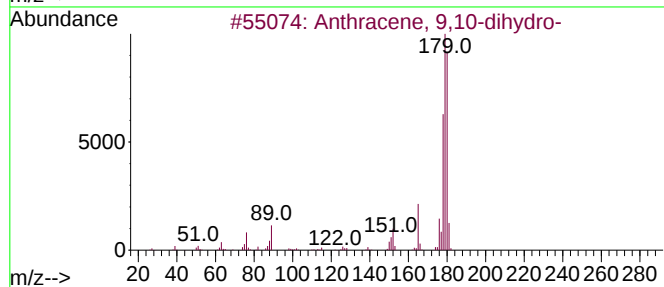
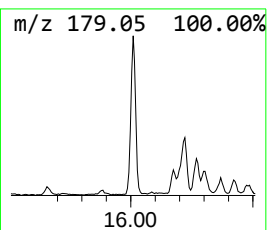
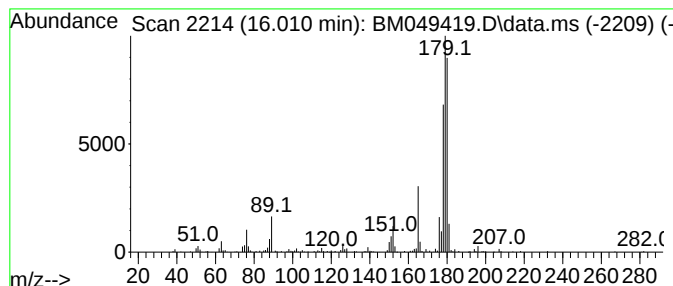
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Anthracene, 9,10-dihydro- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.010	3.62 ng/ul	428699	Phenanthrene-d10	16.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
2		Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3		Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
4		Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
5		Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH5DL

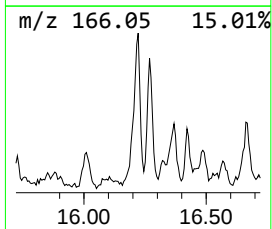
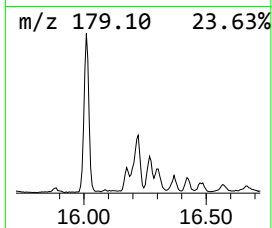
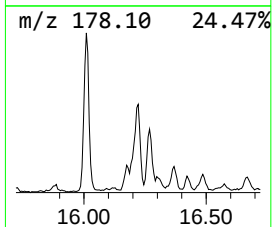
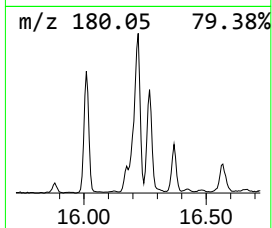
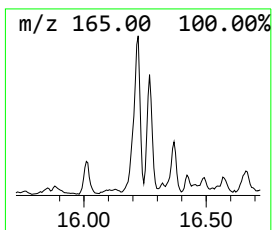
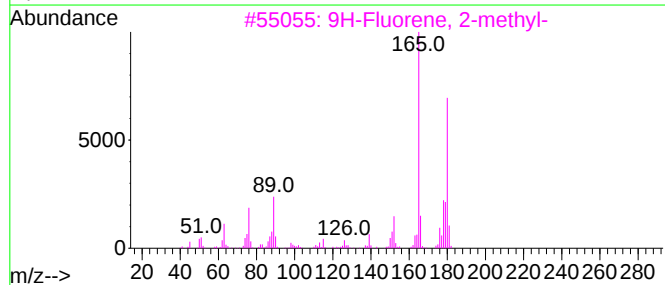
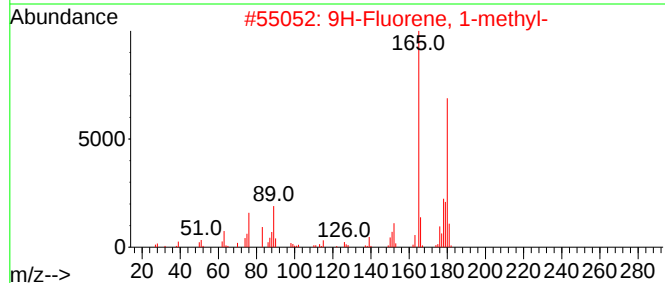
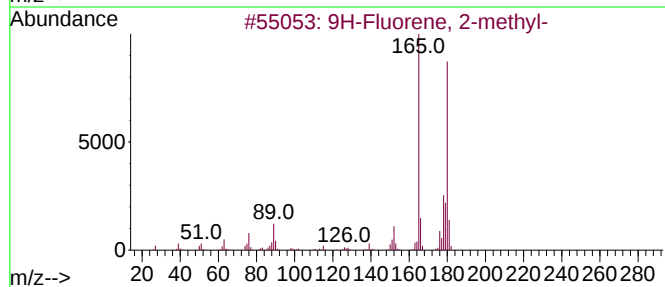
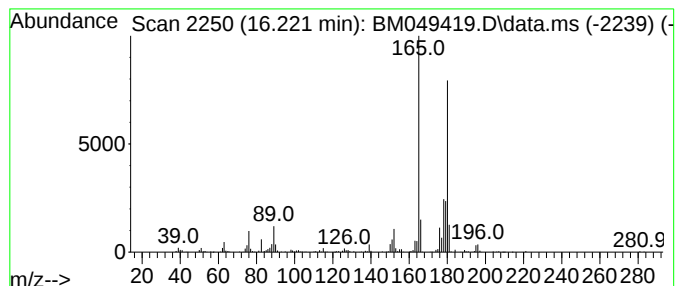
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	5.56 ng/ul	658768	Phenanthrene-d10	16.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97	
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96	
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96	
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94	
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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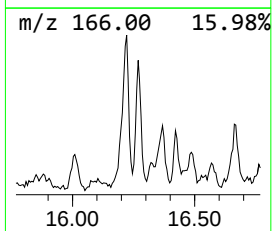
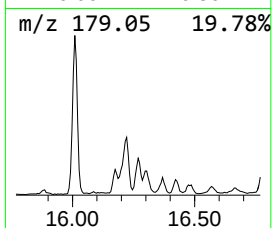
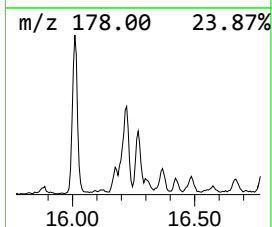
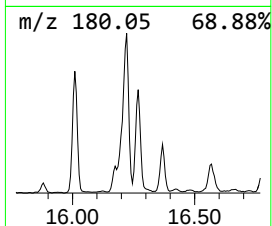
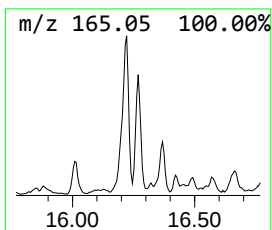
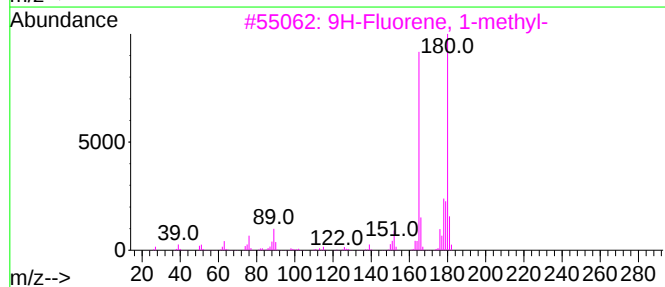
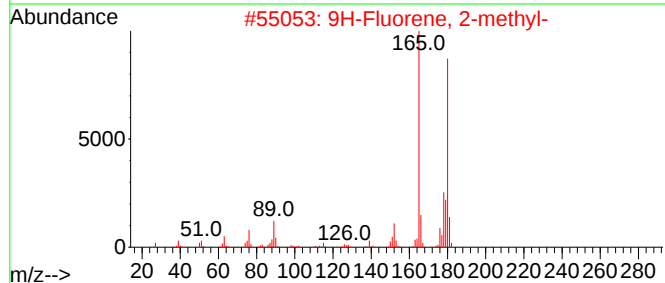
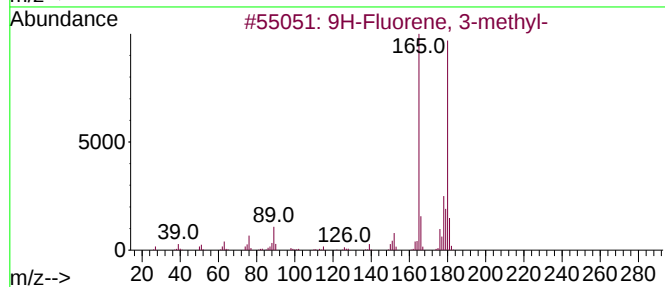
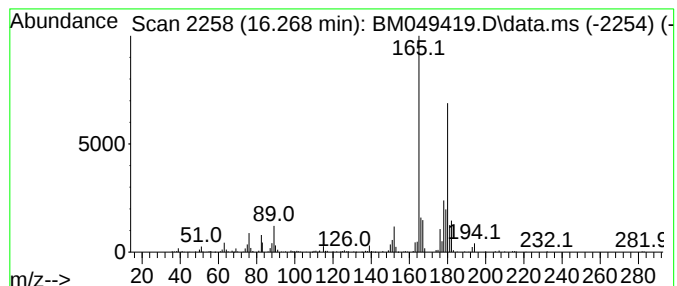
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 9H-Fluorene, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.268	2.73 ng/ul	323708	Phenanthrene-d10	16.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
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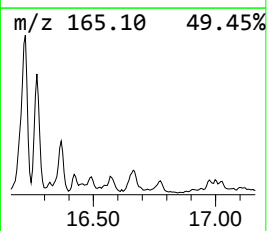
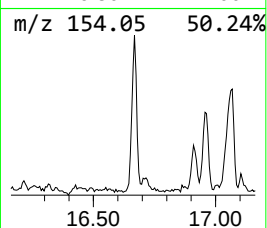
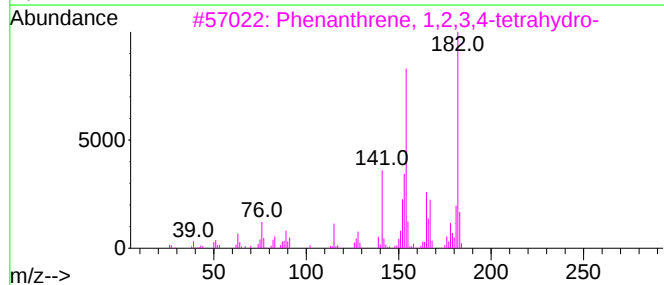
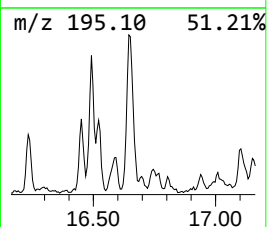
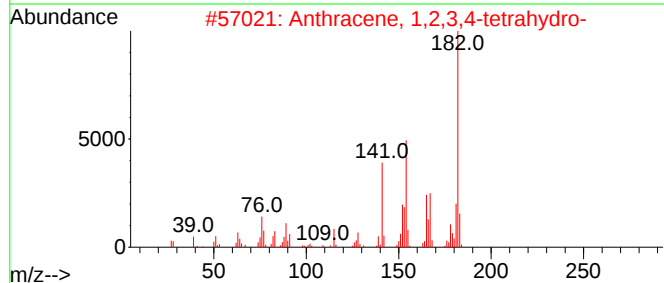
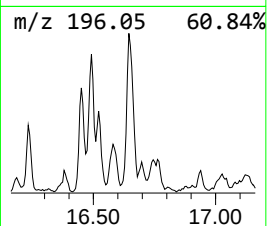
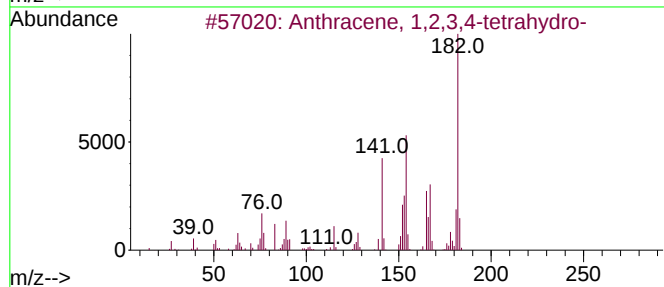
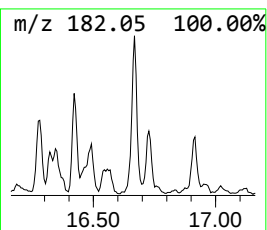
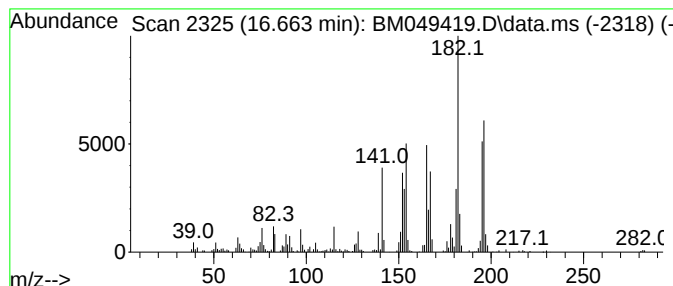
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.663	3.33 ng/ul	394985	Phenanthrene-d10		16.910	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-		182	C14H14	002141-42-6	86
2	Anthracene, 1,2,3,4-tetrahydro-		182	C14H14	002141-42-6	52
3	Phenanthrene, 1,2,3,4-tetrahydro-		182	C14H14	001013-08-7	46
4	4,4'-Dimethylbiphenyl		182	C14H14	000613-33-2	46
5	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
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Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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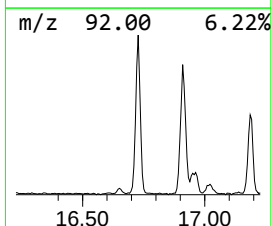
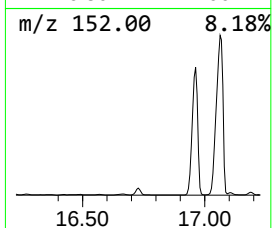
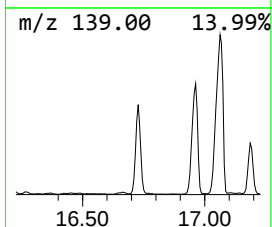
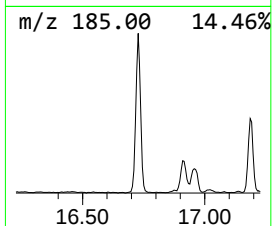
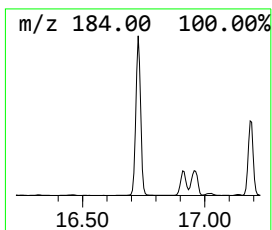
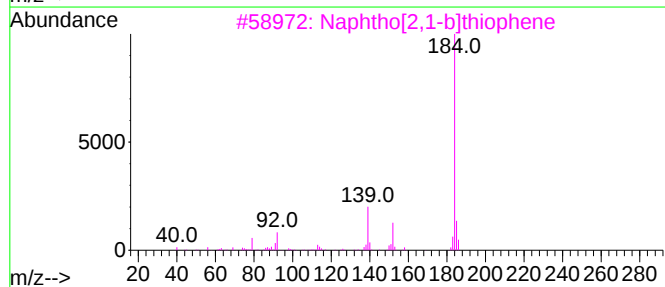
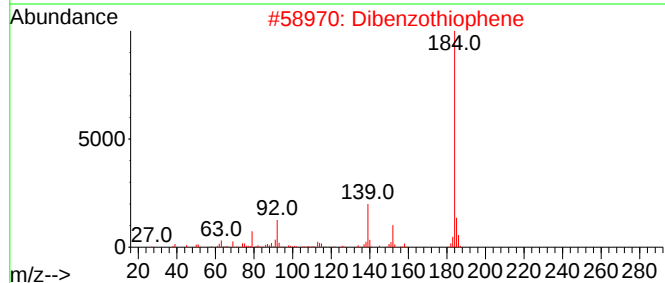
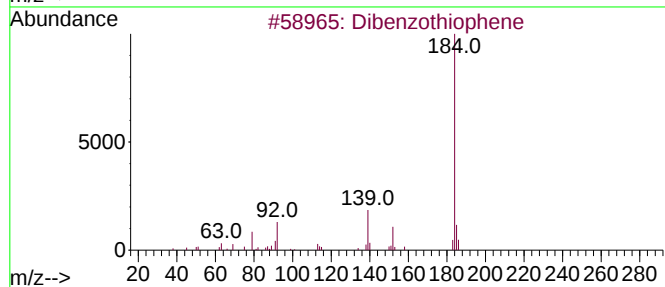
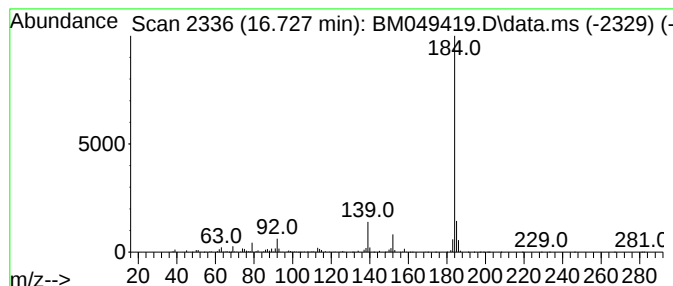
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Dibenzothiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	18.66 ng/ul	2210550	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Dibenzothiophene	184	C12H8S	000132-65-0	96
3			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4			Dibenzothiophene	184	C12H8S	000132-65-0	95
5			Dibenzothiophene	184	C12H8S	000132-65-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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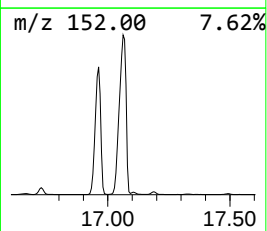
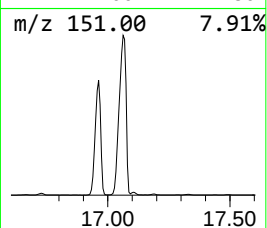
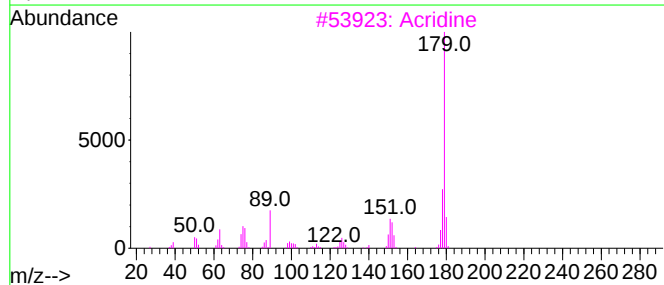
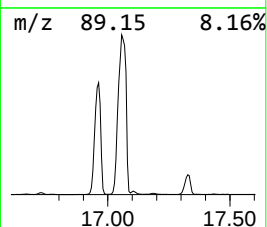
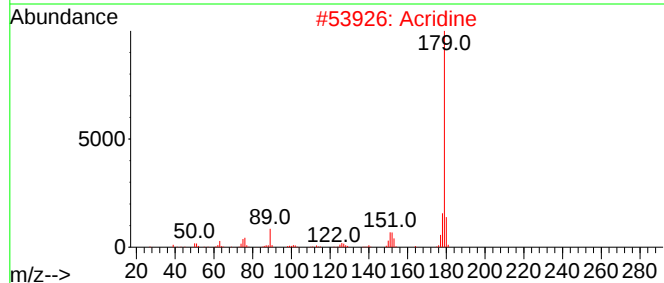
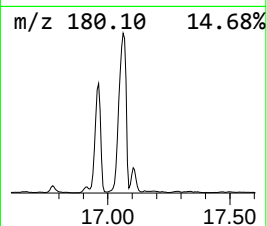
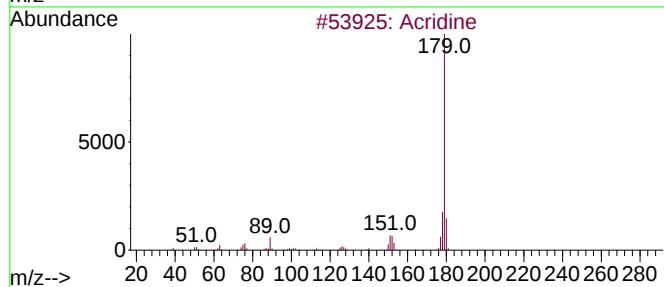
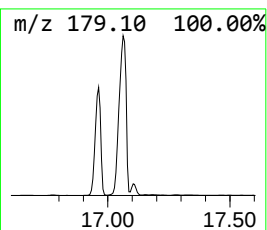
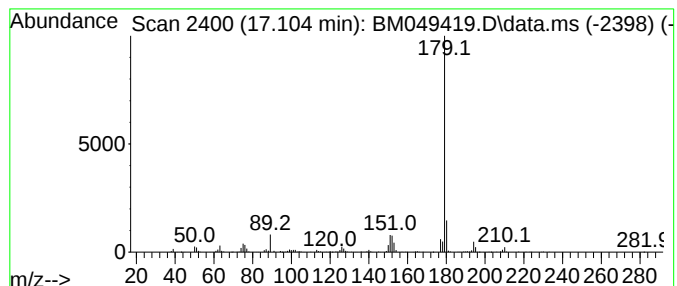
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Acridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	5.55 ng/ul	657272	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acridine	179	C13H9N	000260-94-6	93
2			Acridine	179	C13H9N	000260-94-6	90
3			Acridine	179	C13H9N	000260-94-6	90
4			Benzo[h]quinoline	179	C13H9N	000230-27-3	87
5			Benzo[f]quinoline	179	C13H9N	000085-02-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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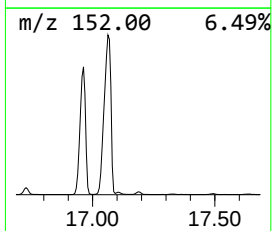
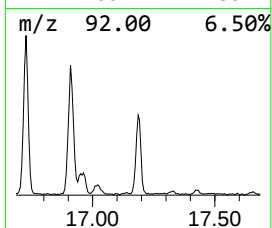
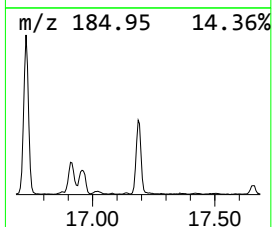
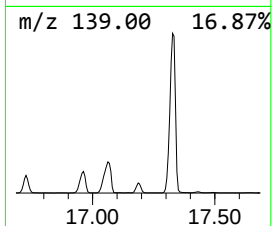
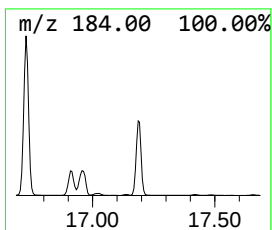
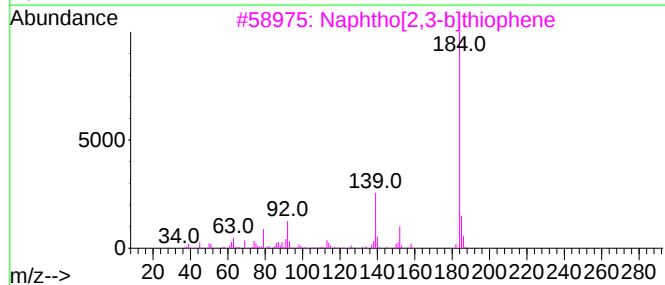
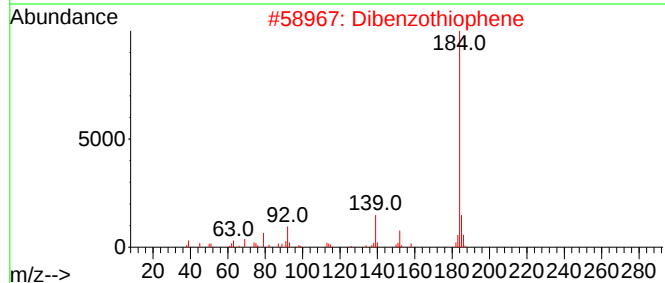
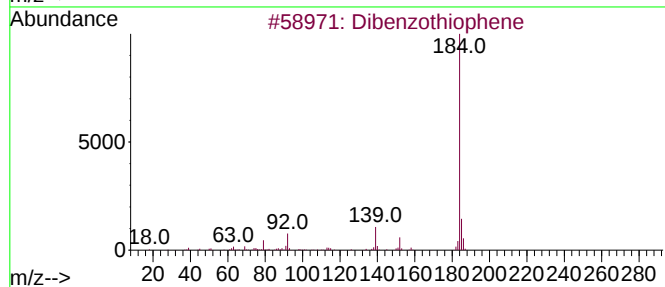
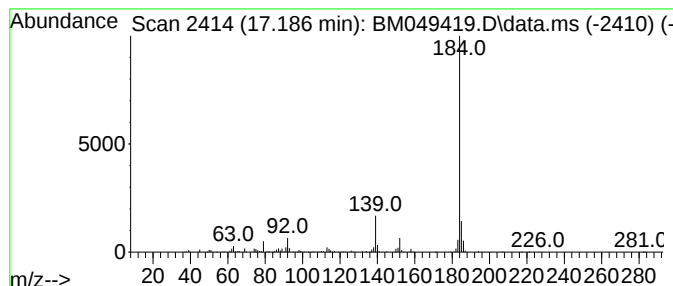
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphtho[2,3-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	7.42 ng/ul	878533	Phenanthrene-d10	16.910

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			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4			Dibenzothiophene	184	C12H8S	000132-65-0	95
5			Dibenzothiophene	184	C12H8S	000132-65-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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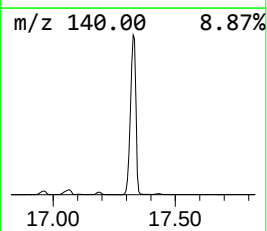
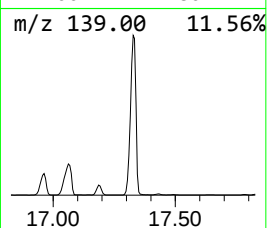
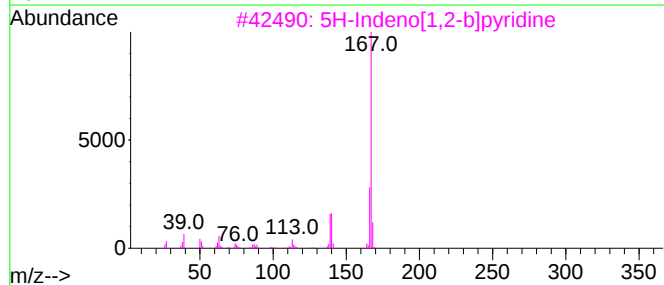
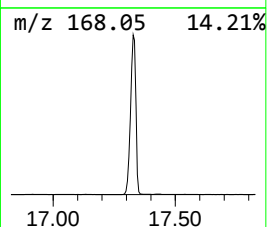
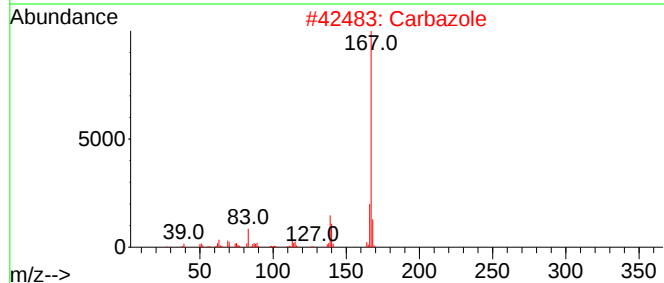
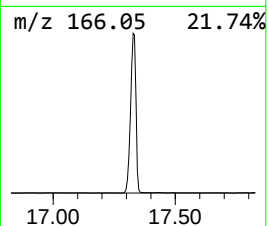
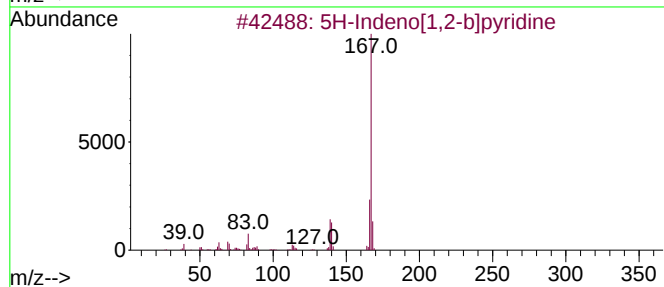
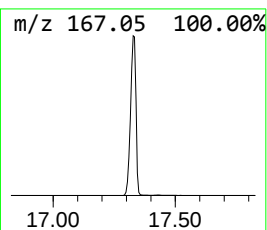
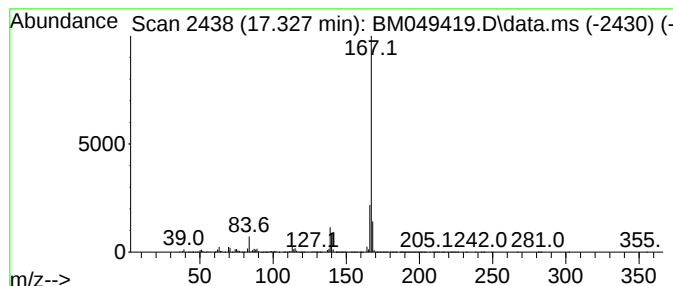
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 5H-Indeno[1,2-b]pyridine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.327	184.65 ng/ul	21874300	Phenanthrene-d10	16.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2		Carbazole	167	C12H9N	000086-74-8	94
3		5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4		Carbazole	167	C12H9N	000086-74-8	91
5		9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
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Sample : Q1139-08DL 10X
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Instrument :
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ClientSampleId :
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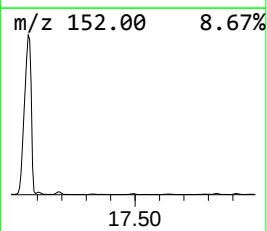
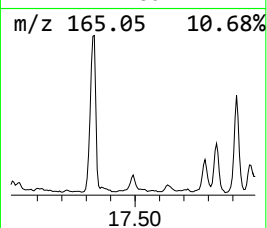
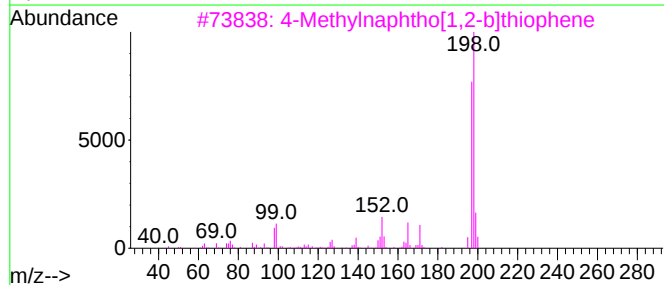
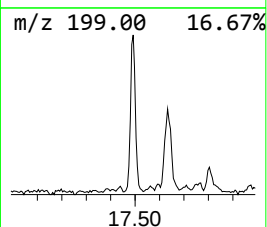
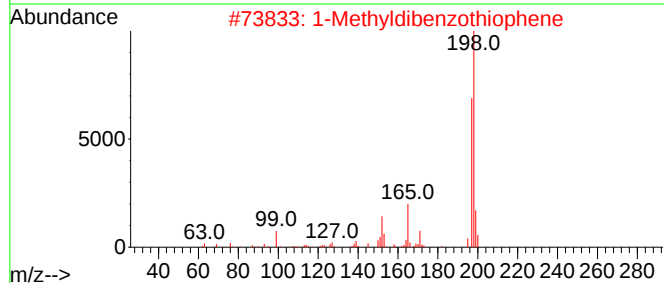
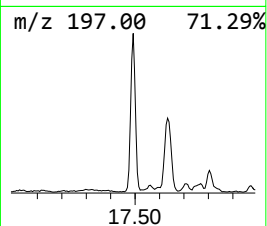
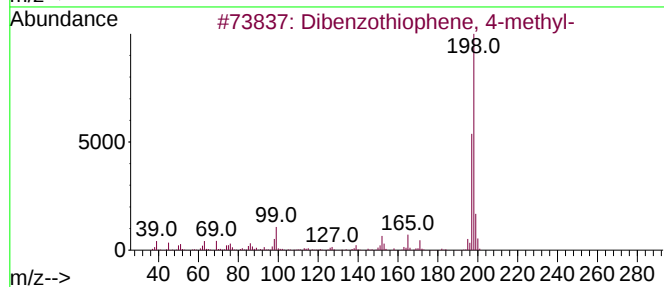
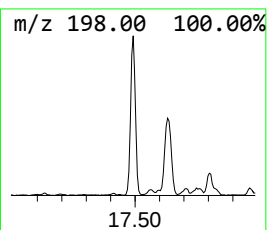
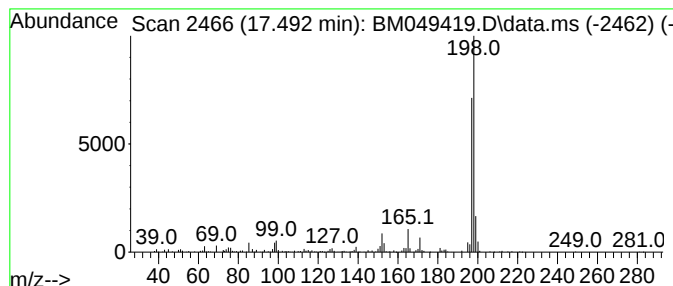
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Dibenzothiophene, 4-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.492	3.39 ng/ul	401839	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	97
2			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
3			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
4			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
5			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
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Sample : Q1139-08DL 10X
Misc :
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ClientSampleId :
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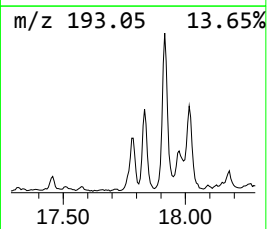
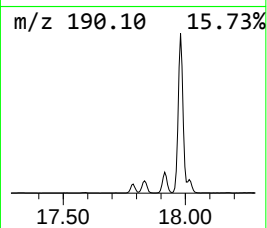
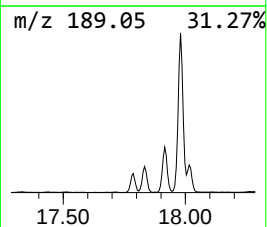
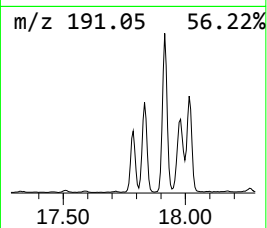
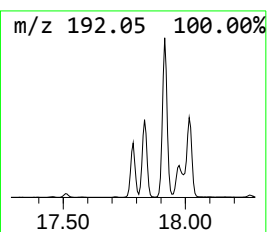
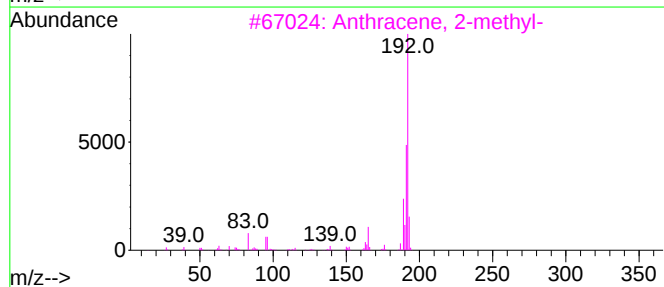
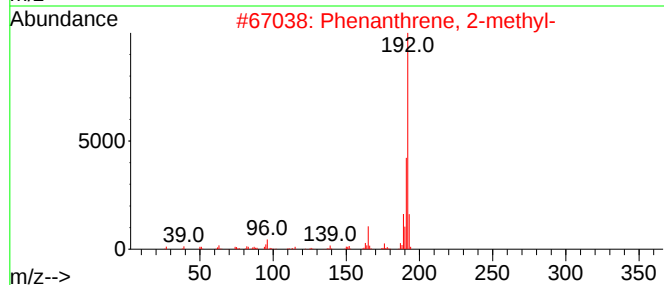
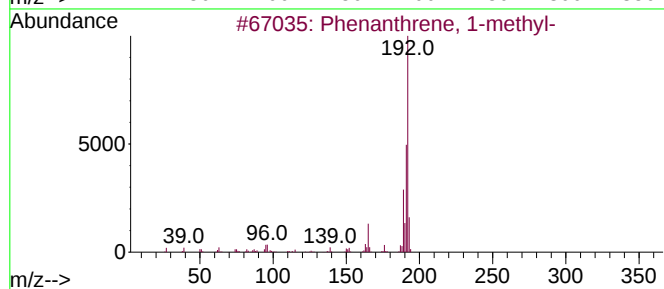
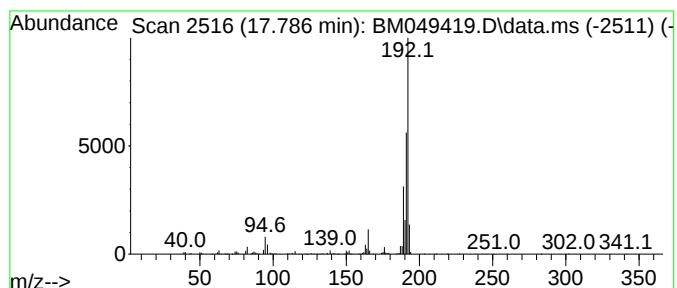
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	4.69 ng/ul	556032	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
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Misc :
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ClientSampleId :
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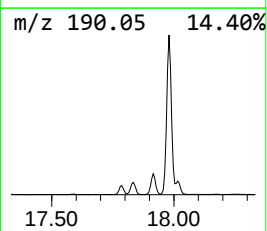
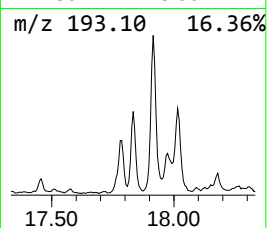
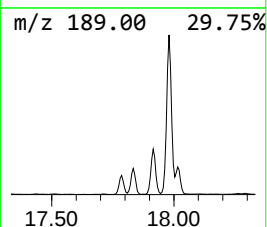
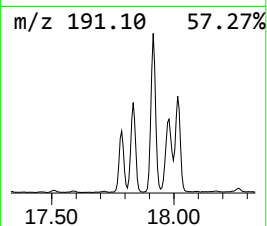
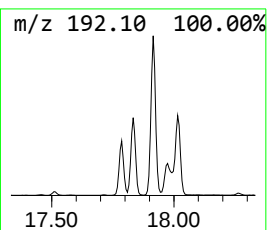
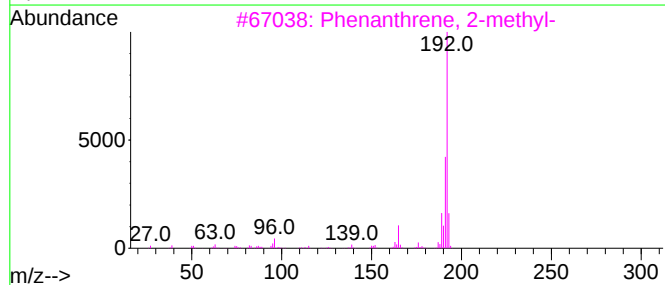
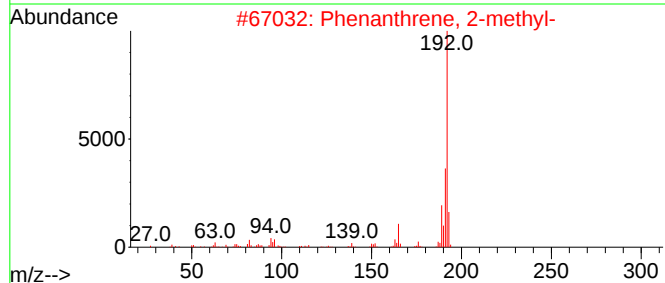
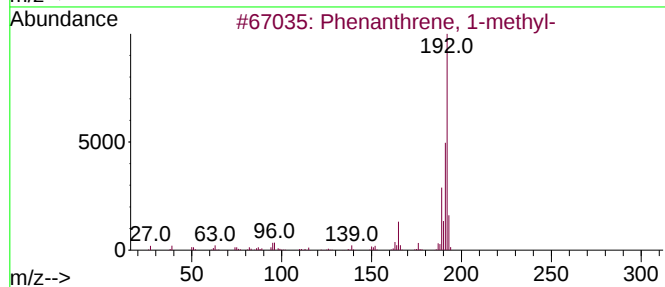
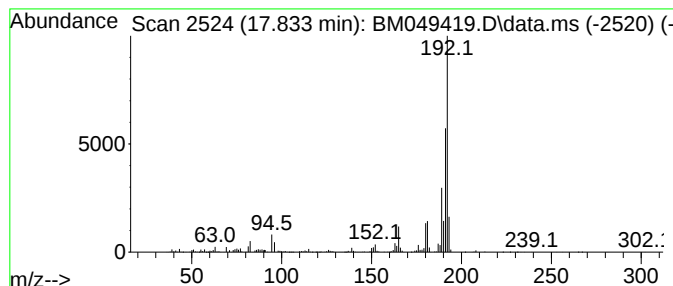
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	8.80 ng/ul	1041990	Phenanthrene-d10	16.910

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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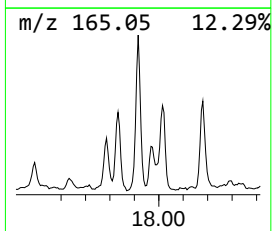
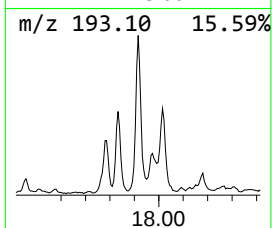
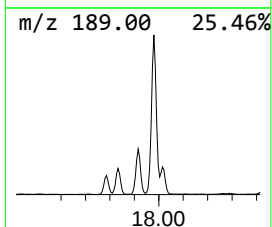
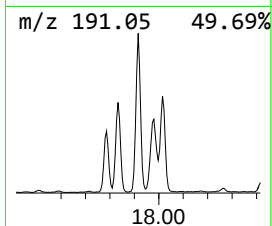
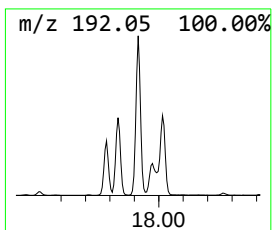
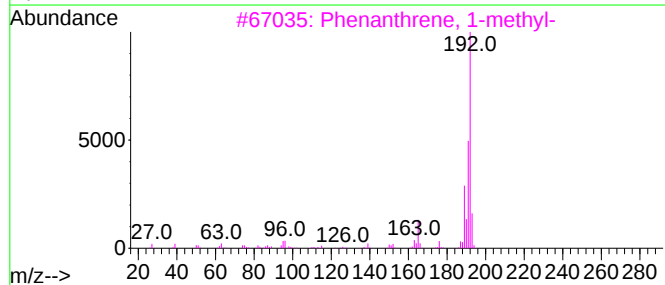
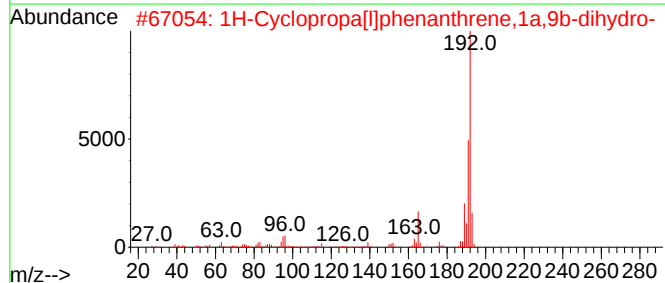
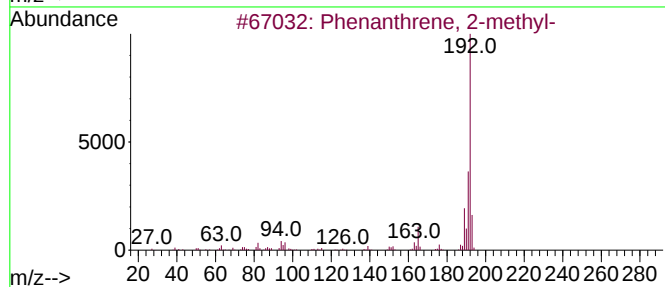
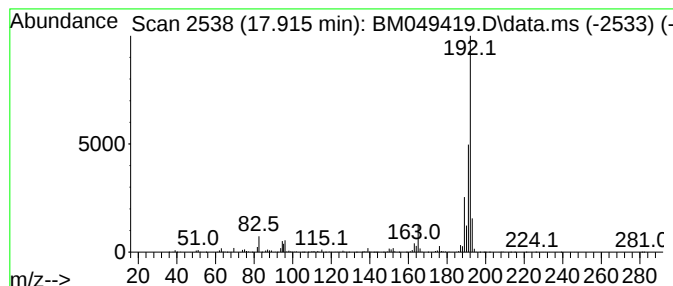
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.915	13.73 ng/ul	1627130	Phenanthrene-d10	16.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
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ClientSampleId :
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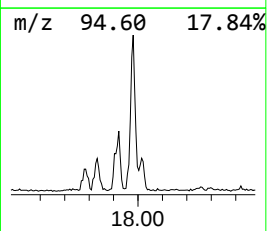
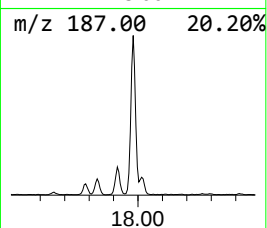
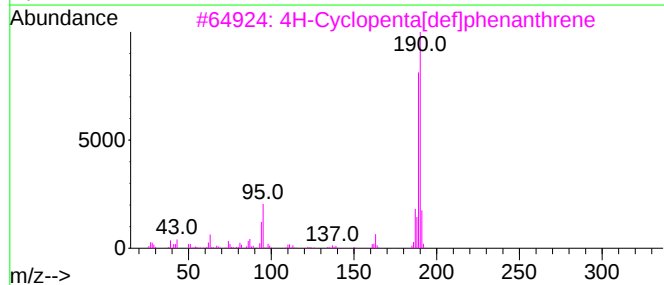
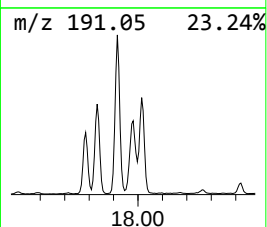
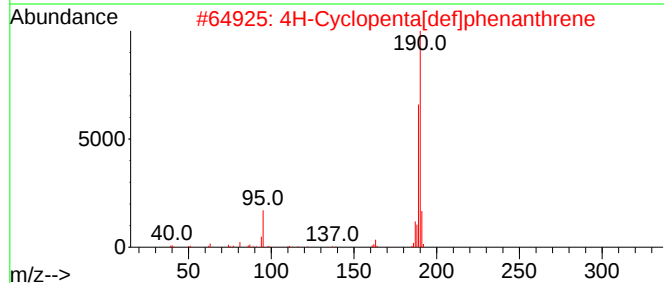
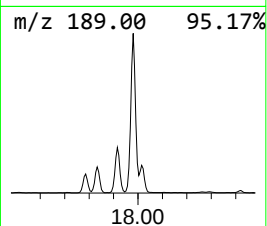
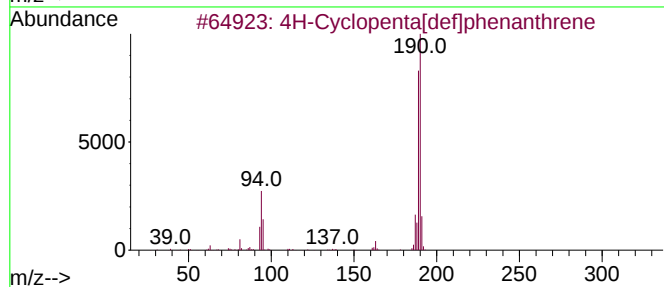
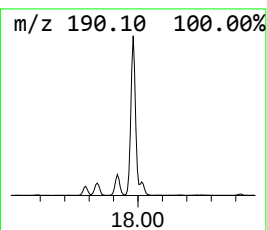
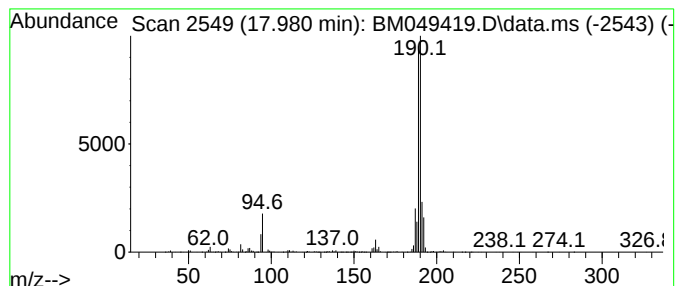
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	18.64 ng/ul	2207990	Phenanthrene-d10	16.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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ClientSampleId :
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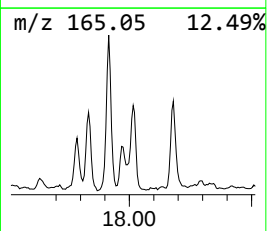
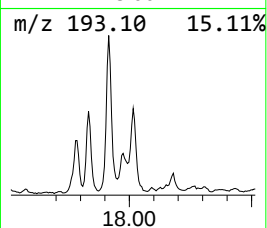
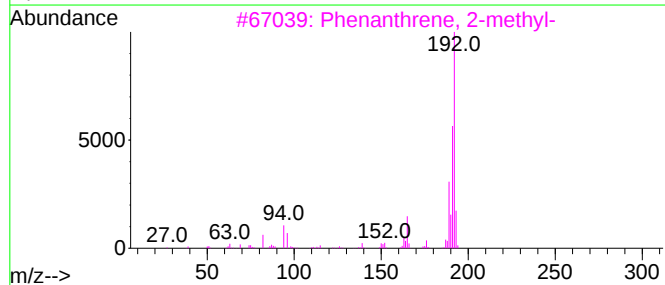
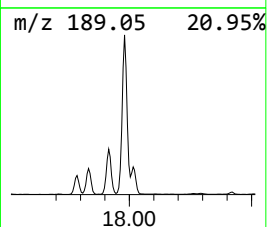
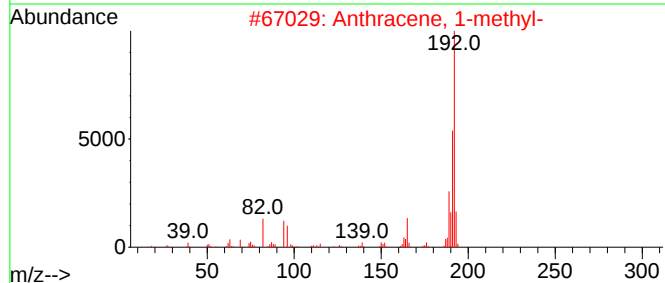
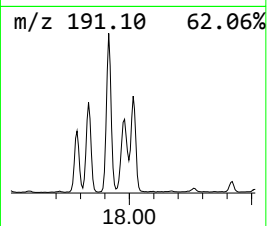
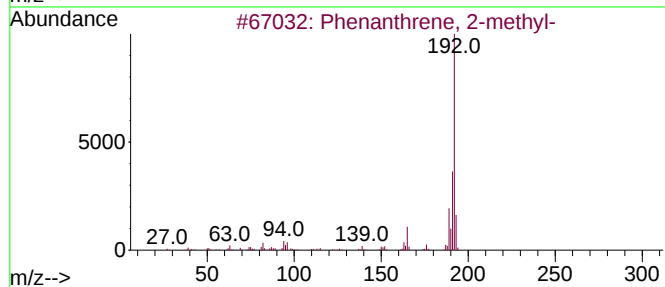
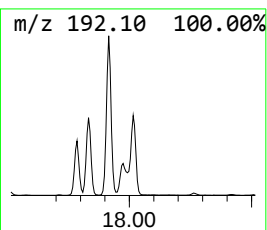
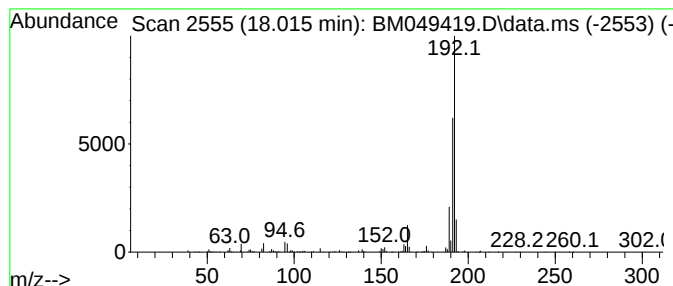
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.015	7.12 ng/ul	843236	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

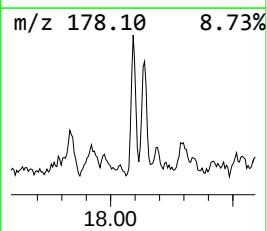
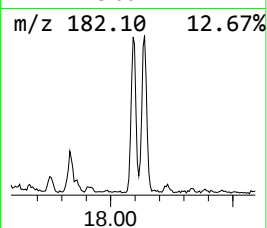
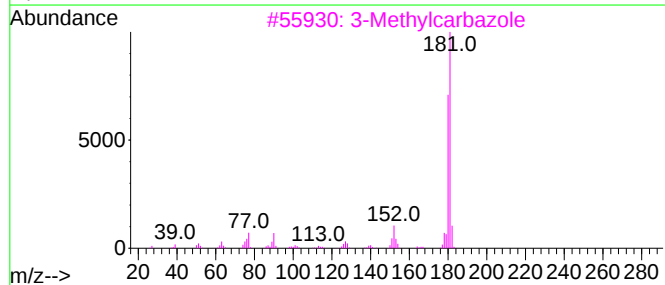
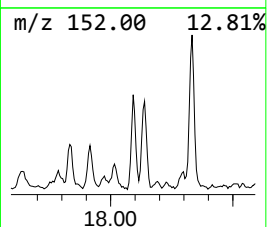
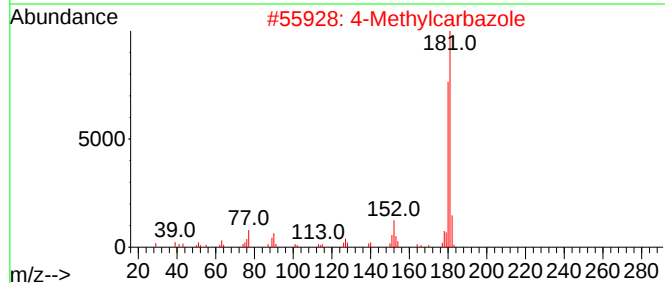
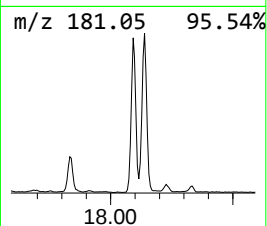
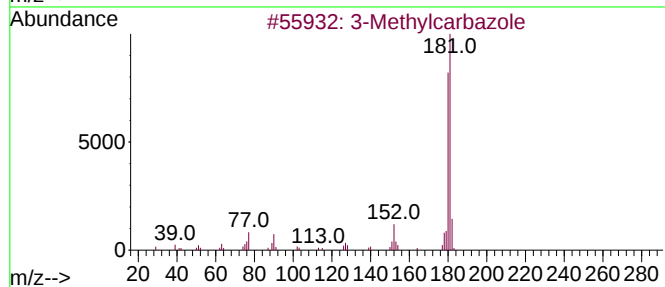
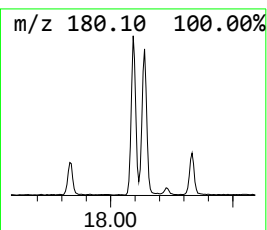
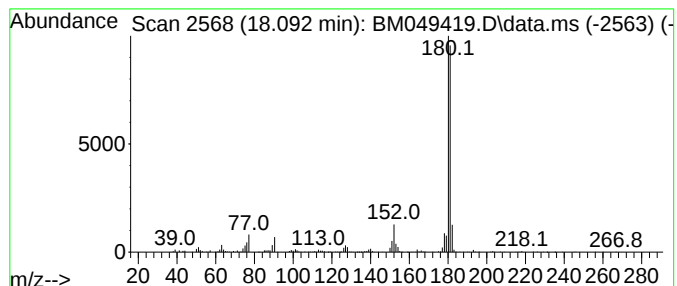
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 3-Methylcarbazole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.092	5.08 ng/ul	602128	Phenanthrene-d10	16.910	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	97
2	4-Methylcarbazole	181	C13H11N	003770-48-7	96
3	3-Methylcarbazole	181	C13H11N	004630-20-0	96
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
5	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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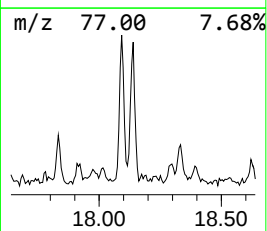
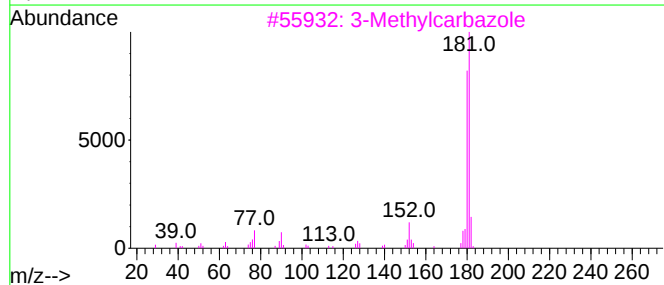
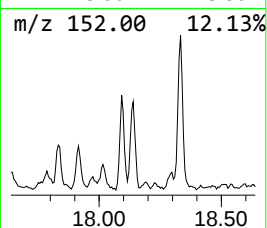
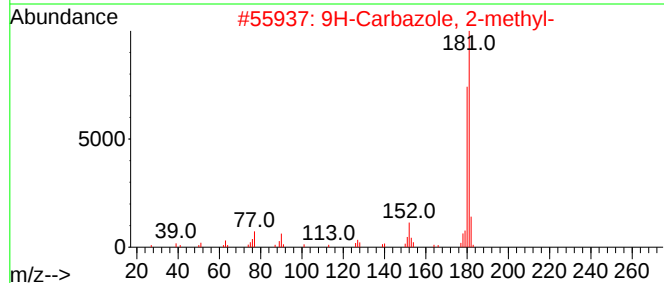
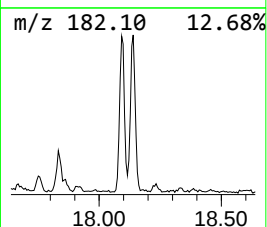
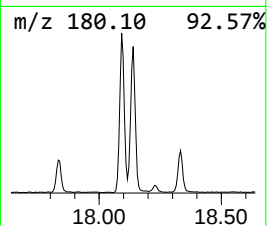
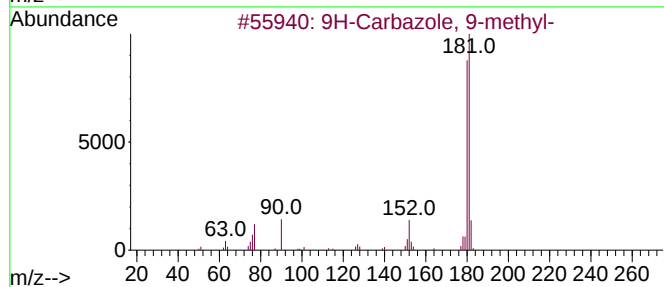
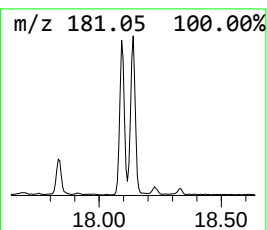
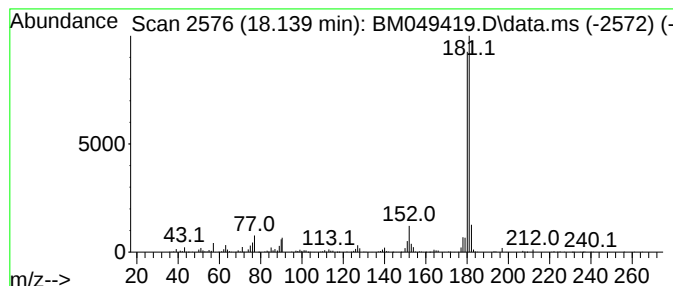
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 9H-Carbazole, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	5.10 ng/ul	603630	Phenanthrene-d10	16.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	97
2		9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
3		3-Methylcarbazole	181	C13H11N	004630-20-0	95
4		4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	94
5		3-Methylcarbazole	181	C13H11N	004630-20-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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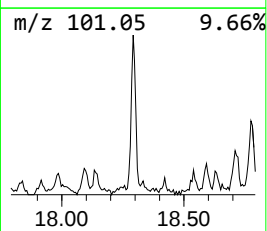
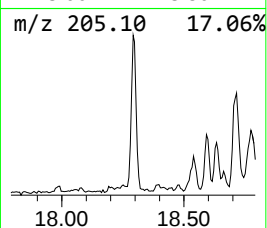
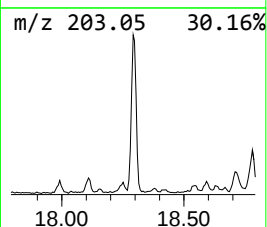
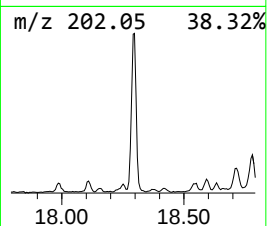
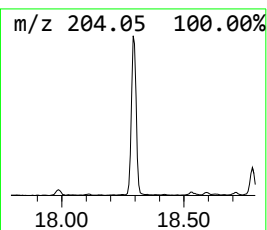
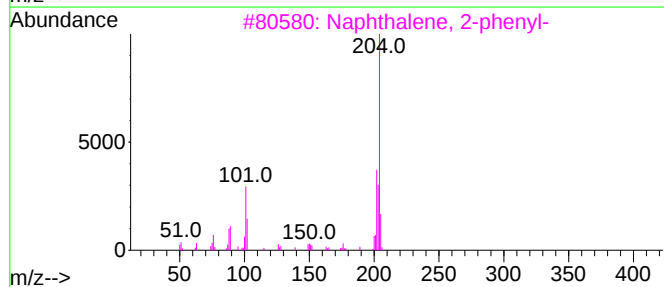
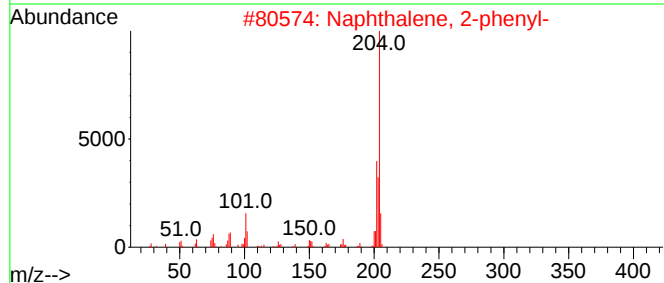
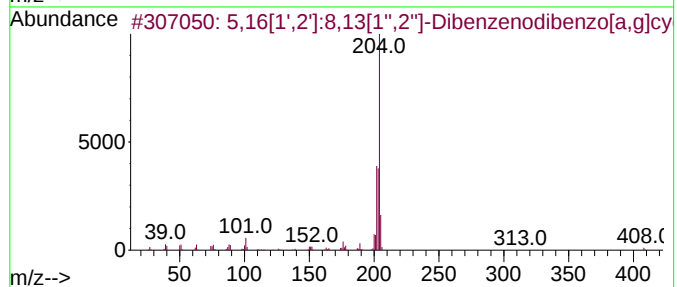
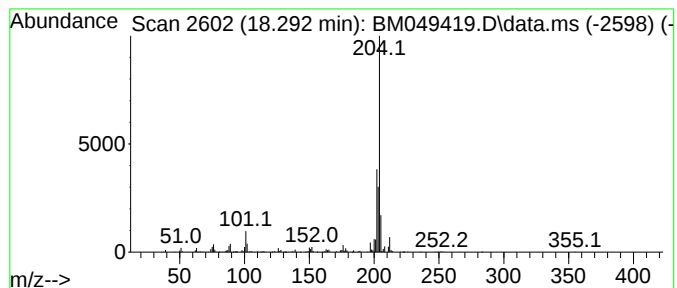
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	3.74 ng/ul	443237	Phenanthrene-d10	16.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91	
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86	
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70	
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70	
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
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Misc :
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Instrument :
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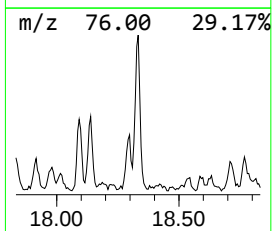
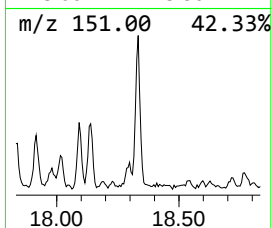
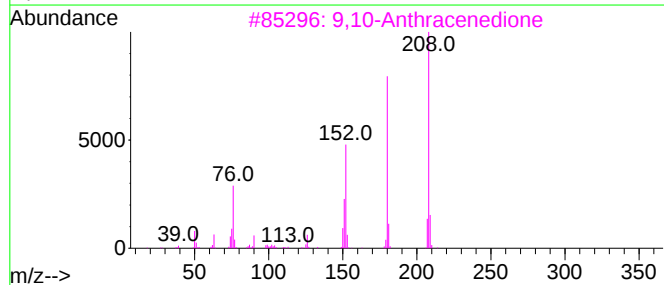
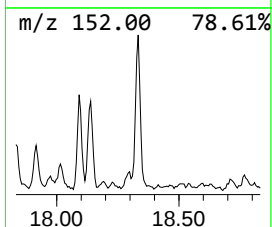
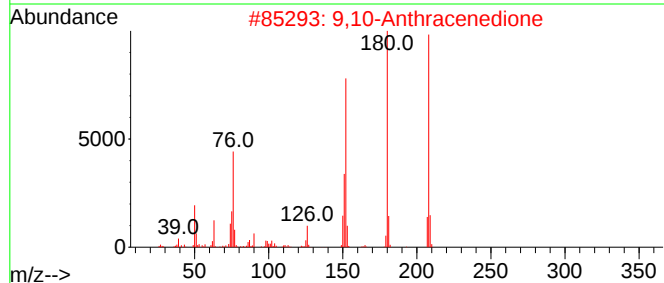
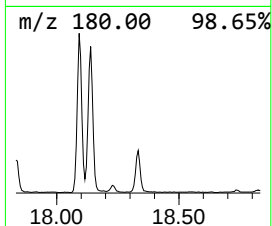
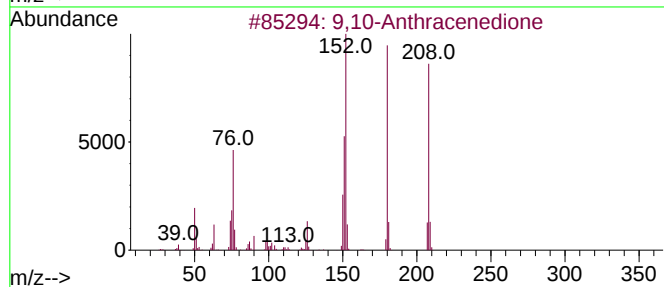
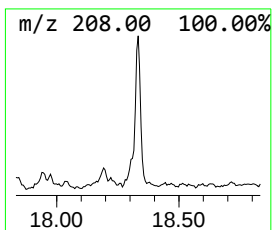
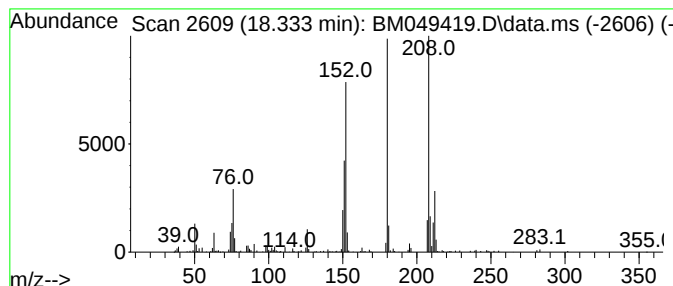
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 9,10-Anthracenedione Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.333	3.01 ng/ul	356110	Phenanthrene-d10		16.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98	
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94	
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	92	
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90	
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	87	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
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Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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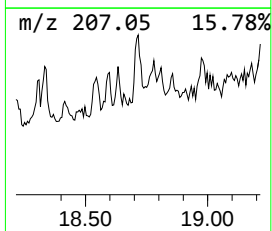
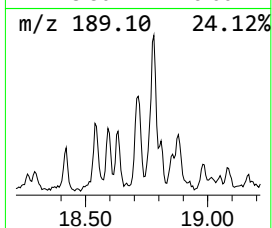
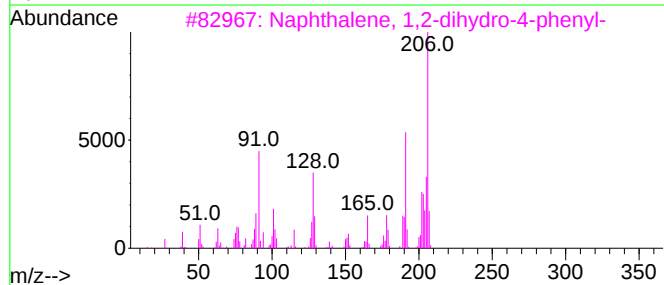
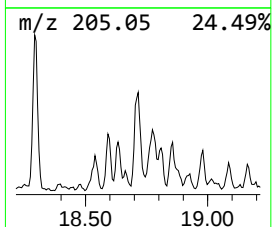
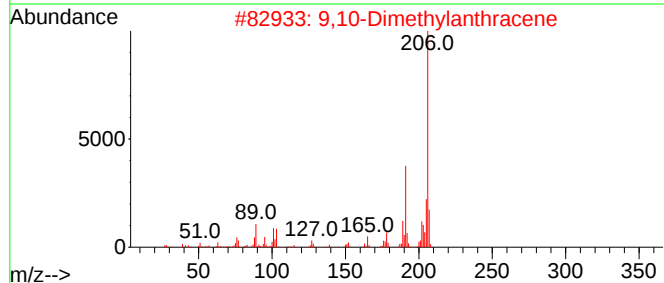
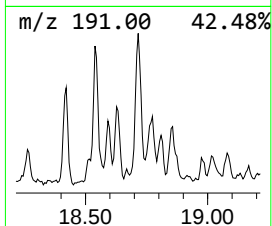
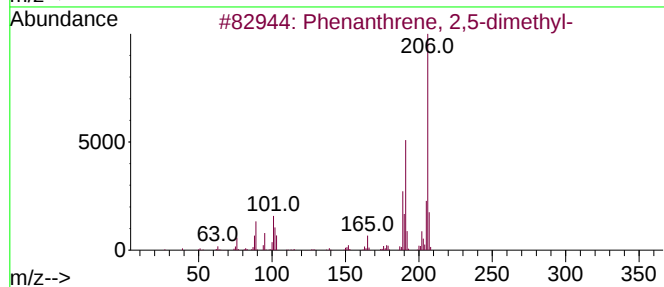
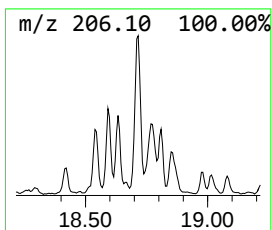
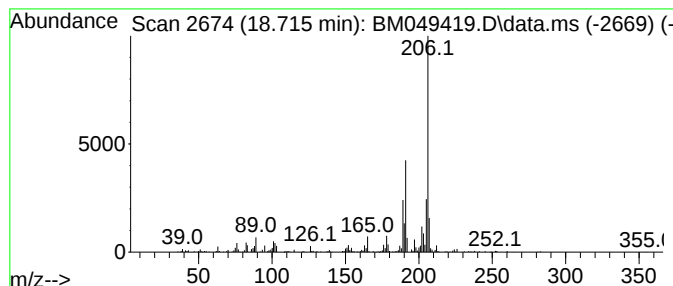
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 Phenanthrene, 2,5-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	2.58 ng/ul	305086	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
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Misc :
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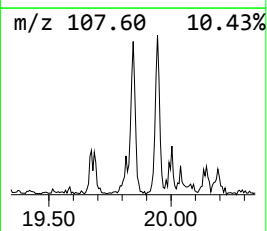
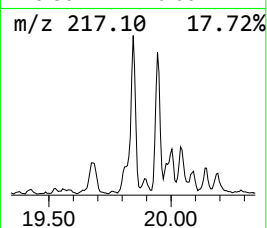
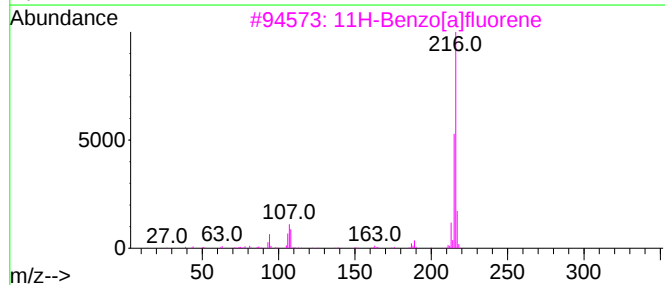
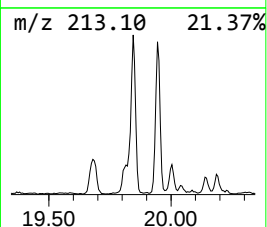
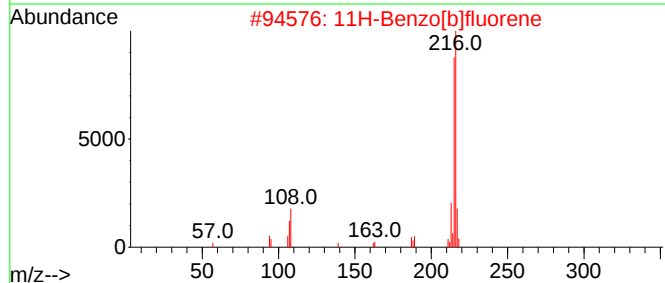
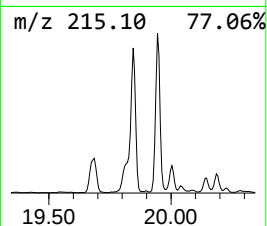
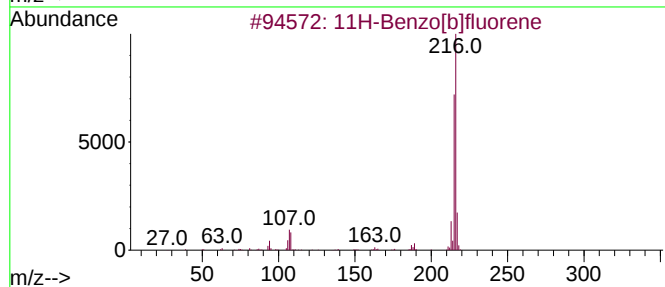
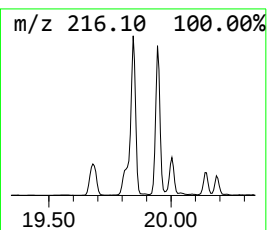
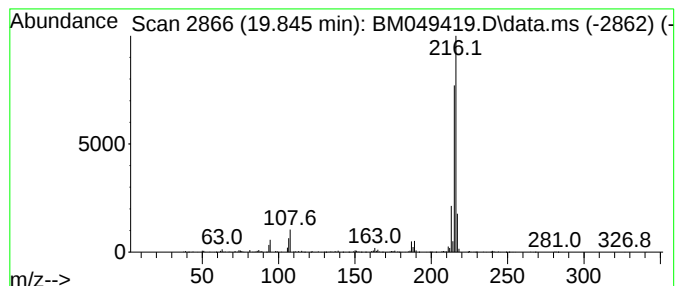
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.845	4.63 ng/ul	1107170	Chrysene-d12		21.139	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	91
4	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-		216	C17H12	002381-21-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049419.D
Acq On : 23 Jan 2025 14:52
Operator : RC/JU
Sample : Q1139-08DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

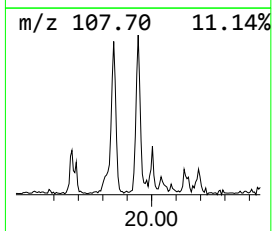
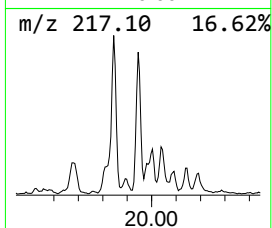
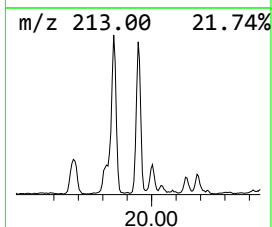
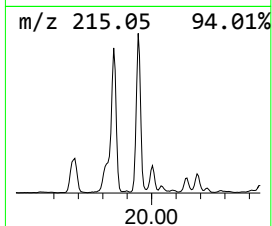
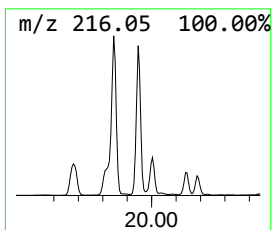
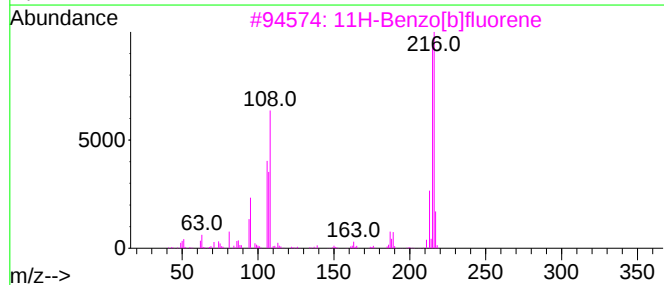
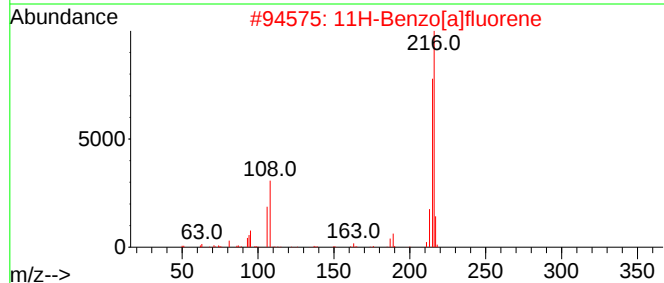
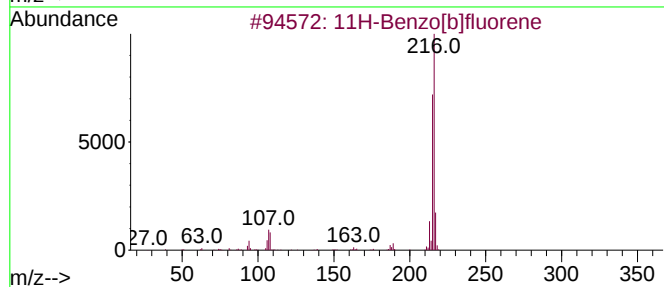
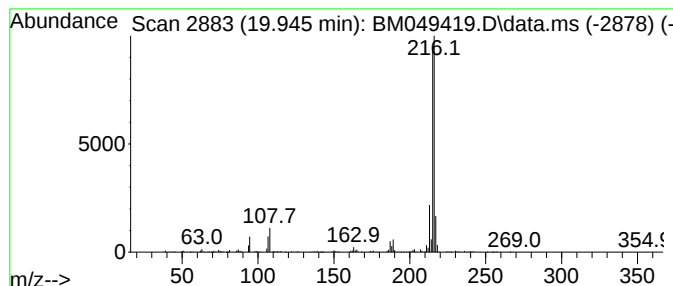
Instrument :
BNA_M
ClientSampleId :
DCZH5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 38 11H-Benzo[a]fluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.945	4.25 ng/ul	1018200	Chrysene-d12	21.139	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049419.D
 Acq On : 23 Jan 2025 14:52
 Operator : RC/JU
 Sample : Q1139-08DL 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.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	12.980	9.4	ng/ul	1002830	3	14.157	2131520	20.0
Naphthalene, 2,...	13.310	6.6	ng/ul	703628	3	14.157	2131520	20.0
Naphthalene, 2,...	13.475	3.4	ng/ul	358435	3	14.157	2131520	20.0
Naphthalene, 1,...	13.716	7.7	ng/ul	816691	3	14.157	2131520	20.0
Dibenzofuran	14.563	53.7	ng/ul	5727030	3	14.157	2131520	20.0
Naphthalene, 1,...	14.839	2.5	ng/ul	268010	3	14.157	2131520	20.0
Diphenylmethane	15.463	9.8	ng/ul	1041330	3	14.157	2131520	20.0
2,4,6-Cyclohept...	15.510	5.8	ng/ul	620897	3	14.157	2131520	20.0
Pyridine, 4,4'-...	15.657	7.4	ng/ul	873518	4	16.910	2369330	20.0
Anthracene, 9,1...	16.010	3.6	ng/ul	428699	4	16.910	2369330	20.0
9H-Fluorene, 2-...	16.221	5.6	ng/ul	658768	4	16.910	2369330	20.0
9H-Fluorene, 3-...	16.268	2.7	ng/ul	323708	4	16.910	2369330	20.0
Anthracene, 1,2...	16.663	3.3	ng/ul	394985	4	16.910	2369330	20.0
Dibenzothiophene	16.727	18.7	ng/ul	2210550	4	16.910	2369330	20.0
Acridine	17.104	5.5	ng/ul	657272	4	16.910	2369330	20.0
Naphtho[2,3-b]t...	17.186	7.4	ng/ul	878533	4	16.910	2369330	20.0
5H-Indeno[1,2-b...	17.327	184.7	ng/ul	21874300	4	16.910	2369330	20.0
Dibenzothiophen...	17.492	3.4	ng/ul	401839	4	16.910	2369330	20.0
Phenanthrene, 1...	17.786	4.7	ng/ul	556032	4	16.910	2369330	20.0
Phenanthrene, 2...	17.833	8.8	ng/ul	1041990	4	16.910	2369330	20.0
1H-Cyclopropa[1...	17.915	13.7	ng/ul	1627130	4	16.910	2369330	20.0
4H-Cyclopenta[d...	17.980	18.6	ng/ul	2207990	4	16.910	2369330	20.0
Anthracene, 1-m...	18.015	7.1	ng/ul	843236	4	16.910	2369330	20.0
3-Methylcarbazole	18.092	5.1	ng/ul	602128	4	16.910	2369330	20.0
9H-Carbazole, 9...	18.139	5.1	ng/ul	603630	4	16.910	2369330	20.0
5,16[1',2']:8,1...	18.292	3.7	ng/ul	443237	4	16.910	2369330	20.0
9,10-Anthracene...	18.333	3.0	ng/ul	356110	4	16.910	2369330	20.0
Phenanthrene, 2...	18.715	2.6	ng/ul	305086	4	16.910	2369330	20.0
11H-Benzo[b]flu...	19.845	4.6	ng/ul	1107170	5	21.139	4785900	20.0
11H-Benzo[a]flu...	19.945	4.3	ng/ul	1018200	5	21.139	4785900	20.0