

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049424.D
 Acq On : 23 Jan 2025 18:07
 Operator : RC/JU
 Sample : Q1139-06DL2 30X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH3DL2

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: BM049424.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.516	763	770	786	rBV	738835	1164425	8.71%	1.379%
2	7.887	826	833	840	rBV	55338	95721	0.72%	0.113%
3	8.046	853	860	870	rVB	42121	79711	0.60%	0.094%
4	9.687	1133	1139	1151	rBV2	32418	64518	0.48%	0.076%
5	9.922	1173	1179	1187	rVB2	51709	91443	0.68%	0.108%
6	10.275	1233	1239	1243	rBV	901533	1518495	11.36%	1.799%
7	10.328	1243	1248	1259	rVV	5760511	9117613	68.23%	10.799%
8	10.445	1262	1268	1283	rVB	181175	321365	2.40%	0.381%
9	11.945	1514	1523	1534	rBV	1826542	2961525	22.16%	3.508%
10	12.069	1538	1544	1551	rVV2	34461	83546	0.63%	0.099%
11	12.169	1551	1561	1573	rVB	849159	1395111	10.44%	1.652%
12	12.980	1691	1699	1709	rBV	562614	863826	6.46%	1.023%
13	13.180	1727	1733	1744	rVB	178238	324668	2.43%	0.385%
14	13.316	1744	1756	1757	rBV	180902	285477	2.14%	0.338%
15	13.475	1777	1783	1788	rBV	273866	489062	3.66%	0.579%
16	13.527	1788	1792	1796	rVV	188380	273633	2.05%	0.324%
17	13.575	1797	1800	1810	rVB	41080	72143	0.54%	0.085%
18	13.716	1818	1824	1827	rBV	105692	173143	1.30%	0.205%
19	13.845	1841	1846	1848	rBV2	51151	80855	0.61%	0.096%
20	13.875	1848	1851	1860	rVB2	130610	210889	1.58%	0.250%
21	14.157	1890	1899	1904	rVV2	1403785	2169464	16.24%	2.570%
22	14.222	1904	1910	1918	rVV	2015796	2921133	21.86%	3.460%
23	14.292	1918	1922	1929	rVV	103976	162239	1.21%	0.192%
24	14.375	1930	1936	1944	rVV	42466	100423	0.75%	0.119%
25	14.469	1946	1952	1957	rVV2	64945	106926	0.80%	0.127%
26	14.557	1957	1967	1976	rVV	1962815	2789283	20.87%	3.304%
27	14.639	1977	1981	1986	rVV	59971	93264	0.70%	0.110%
28	14.786	1998	2006	2010	rBV2	43177	79726	0.60%	0.094%
29	14.839	2010	2015	2019	rVB2	48583	64428	0.48%	0.076%
30	14.957	2027	2035	2038	rBV3	37168	69799	0.52%	0.083%
31	15.104	2056	2060	2064	rBV3	32925	52588	0.39%	0.062%
32	15.151	2064	2068	2073	rVB2	79413	111960	0.84%	0.133%
33	15.210	2073	2078	2084	rBV	1478954	2021099	15.13%	2.394%
34	15.310	2091	2095	2097	rBV	52207	78493	0.59%	0.093%
35	15.339	2097	2100	2102	rVV	83513	101954	0.76%	0.121%
36	15.374	2102	2106	2111	rVB	180945	247444	1.85%	0.293%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
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37	15.463	2117	2121	2125	rVB	108948	136749	1.02%	0.162%
38	15.510	2125	2129	2139	rVB	334111	511645	3.83%	0.606%
39	15.657	2146	2154	2162	rBV	323175	655704	4.91%	0.777%
40	15.745	2162	2169	2177	rVB3	69628	141557	1.06%	0.168%
41	15.886	2189	2193	2194	rBV	54552	66339	0.50%	0.079%
42	16.180	2238	2243	2244	rVV2	43754	63157	0.47%	0.075%
43	16.221	2244	2250	2255	rVV2	122244	267086	2.00%	0.316%
44	16.268	2255	2258	2263	rVV2	65218	101080	0.76%	0.120%
45	16.368	2269	2275	2280	rVV3	47397	90920	0.68%	0.108%
46	16.451	2286	2289	2292	rVV	87070	122803	0.92%	0.145%
47	16.492	2292	2296	2299	rVV3	96348	158790	1.19%	0.188%
48	16.563	2303	2308	2316	rVV	271784	436614	3.27%	0.517%
49	16.645	2317	2322	2328	rVV3	97319	218563	1.64%	0.259%
50	16.727	2328	2336	2346	rVB	578732	900367	6.74%	1.066%
51	16.910	2361	2367	2370	rBV	1469685	2169256	16.23%	2.569%
52	16.951	2370	2374	2380	rVV	9800863	13362563	100.00%	15.827%
53	17.010	2380	2384	2385	rVV	167922	222921	1.67%	0.264%
54	17.039	2385	2389	2396	rVV	763716	1098414	8.22%	1.301%
55	17.104	2396	2400	2407	rVV3	62892	122688	0.92%	0.145%
56	17.315	2432	2436	2440	rVV	241372	336140	2.52%	0.398%
57	17.433	2452	2456	2462	rVV2	158190	226094	1.69%	0.268%
58	17.492	2462	2466	2476	rVB3	75196	149615	1.12%	0.177%
59	17.633	2485	2490	2498	rVB	59068	113834	0.85%	0.135%
60	17.786	2506	2516	2520	rBV	474673	701992	5.25%	0.831%
61	17.833	2520	2524	2531	rVB	646978	884162	6.62%	1.047%
62	17.915	2532	2538	2542	rBV	157075	225783	1.69%	0.267%
63	17.980	2542	2549	2553	rVV2	695233	1179320	8.83%	1.397%
64	18.015	2553	2555	2560	rVV	225033	255455	1.91%	0.303%
65	18.133	2572	2575	2579	rVV2	45646	59858	0.45%	0.071%
66	18.292	2597	2602	2606	rVV	390055	529465	3.96%	0.627%
67	18.333	2606	2609	2614	rVB2	111030	157361	1.18%	0.186%
68	18.539	2641	2644	2649	rVV	88313	127437	0.95%	0.151%
69	18.592	2649	2653	2656	rVV	68620	90921	0.68%	0.108%
70	18.633	2656	2660	2664	rVB	64825	85259	0.64%	0.101%
71	18.715	2668	2674	2679	rBV	118603	204601	1.53%	0.242%
72	18.774	2679	2684	2687	rVV3	79143	144250	1.08%	0.171%
73	18.851	2693	2697	2704	rBV	160834	262991	1.97%	0.312%
74	18.980	2712	2719	2726	rBV	6765388	8877671	66.44%	10.515%
75	19.051	2727	2731	2733	rVV	54617	74628	0.56%	0.088%
76	19.080	2733	2736	2740	rVV3	59579	78702	0.59%	0.093%

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77	19.174	2747	2752	2754	rBV3	33730	53481	0.40%	0.063%
78	19.221	2755	2760	2765	rVB2	98125	149803	1.12%	0.177%
79	19.339	2771	2780	2789	rBV2	3112600	5375762	40.23%	6.367%
80	19.415	2789	2793	2802	rVB2	148689	232080	1.74%	0.275%
81	19.527	2807	2812	2817	rBV	213650	274660	2.06%	0.325%
82	19.586	2817	2822	2827	rVB4	47699	87694	0.66%	0.104%
83	19.674	2830	2837	2844	rBV3	179855	457125	3.42%	0.541%
84	19.809	2855	2860	2862	rBV4	136140	235779	1.76%	0.279%
85	19.845	2862	2866	2871	rVB	320009	455679	3.41%	0.540%
86	19.945	2878	2883	2887	rBV	243183	309243	2.31%	0.366%
87	19.998	2887	2892	2897	rVV2	206083	341524	2.56%	0.405%
88	20.045	2897	2900	2904	rVB2	79917	94201	0.70%	0.112%
89	20.086	2904	2907	2912	rVB	58020	72040	0.54%	0.085%
90	20.145	2913	2917	2920	rBV	66584	84029	0.63%	0.100%
91	20.186	2920	2924	2929	rBV2	100743	164953	1.23%	0.195%
92	20.598	2990	2994	3001	rVB	139327	204728	1.53%	0.242%
93	20.756	3017	3021	3025	rBV	174756	256321	1.92%	0.304%
94	20.803	3025	3029	3032	rVV	182333	226830	1.70%	0.269%
95	20.839	3032	3035	3040	rVV2	140017	234191	1.75%	0.277%
96	20.898	3042	3045	3053	rVB	122043	165082	1.24%	0.196%
97	21.139	3078	3086	3090	rBV2	1998477	4087609	30.59%	4.842%
98	21.180	3090	3093	3101	rVB	777649	1100863	8.24%	1.304%
99	23.045	3404	3410	3417	rBV	370249	980417	7.34%	1.161%
100	23.915	3550	3558	3575	rBV	956696	2332855	17.46%	2.763%

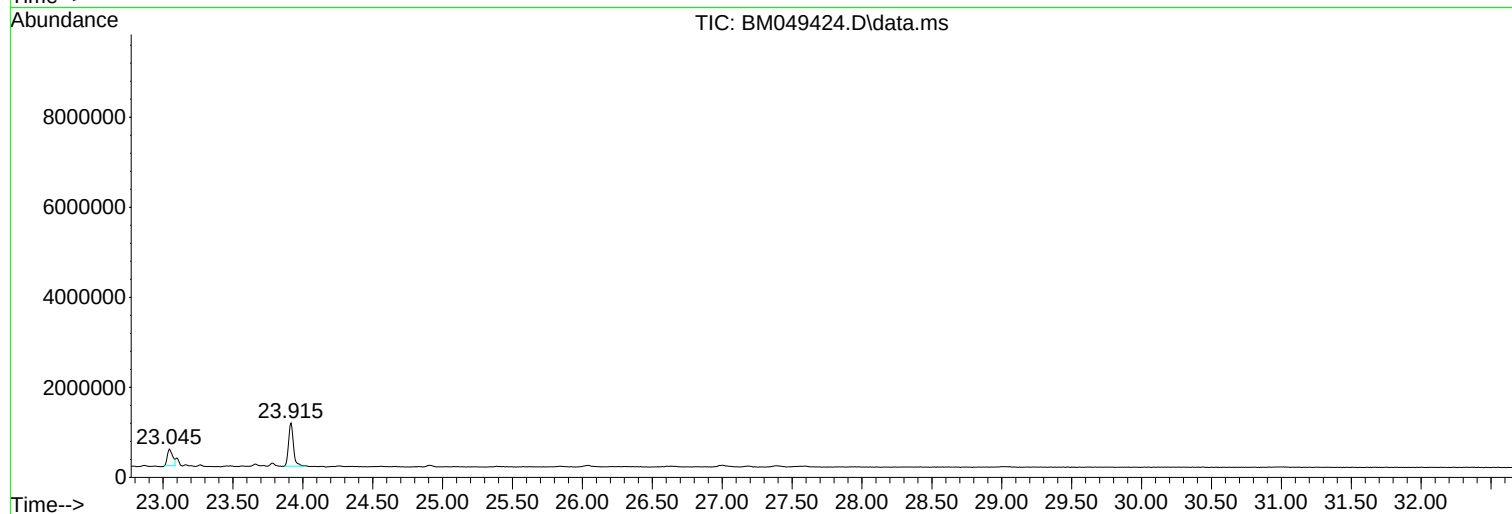
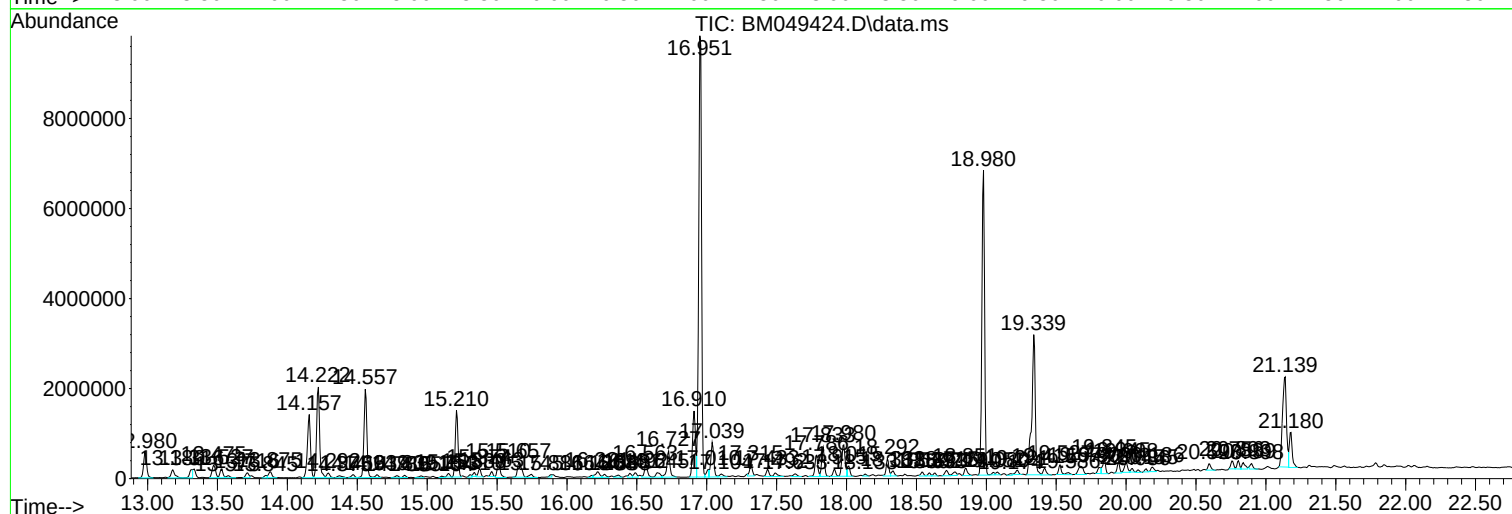
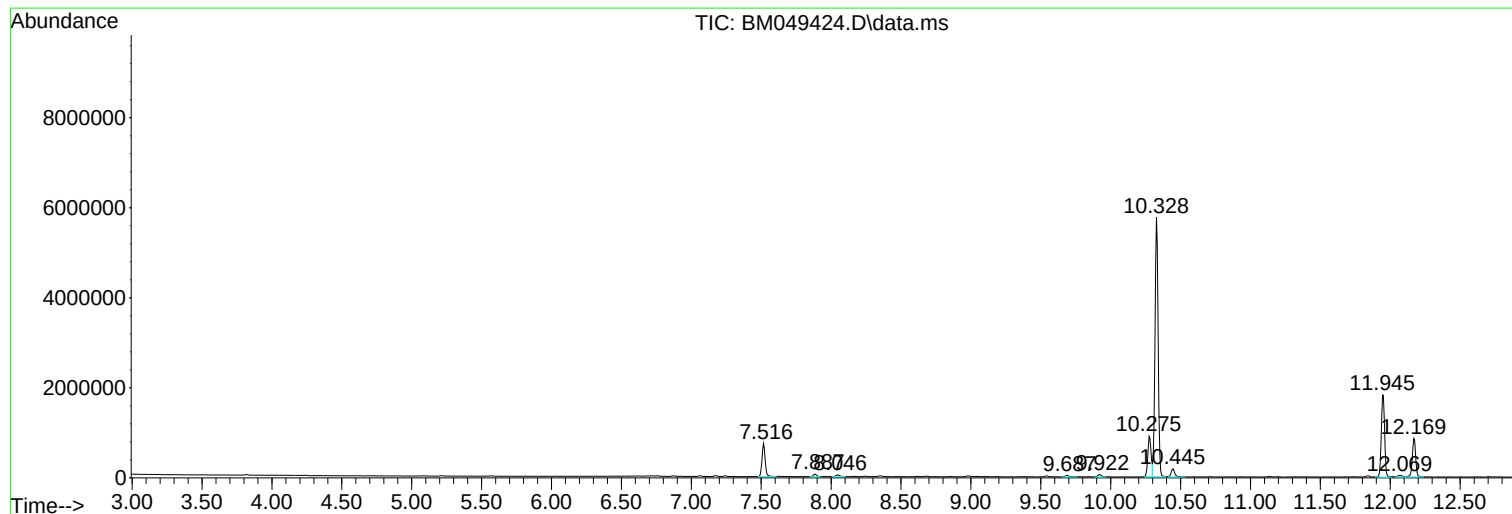
Sum of corrected areas: 84427096

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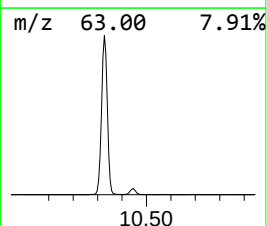
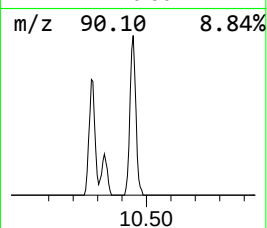
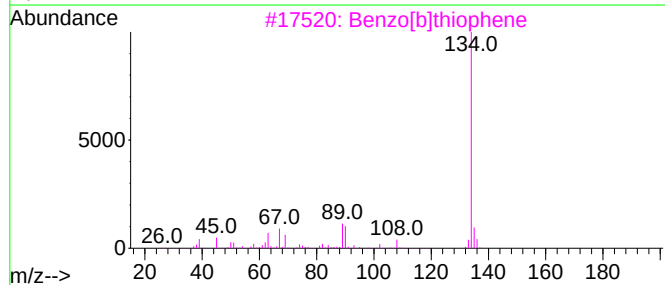
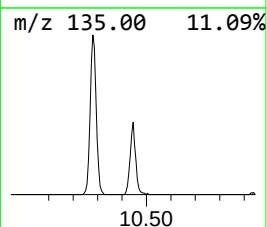
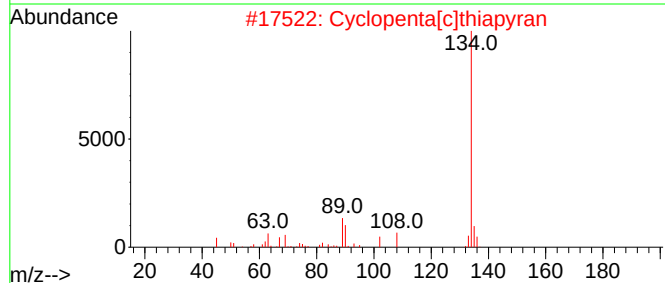
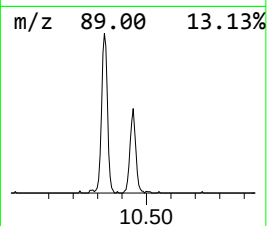
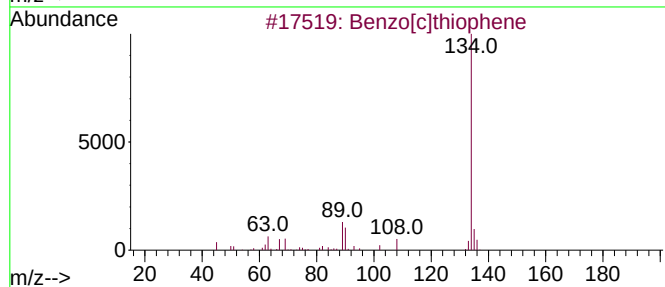
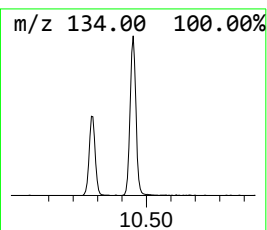
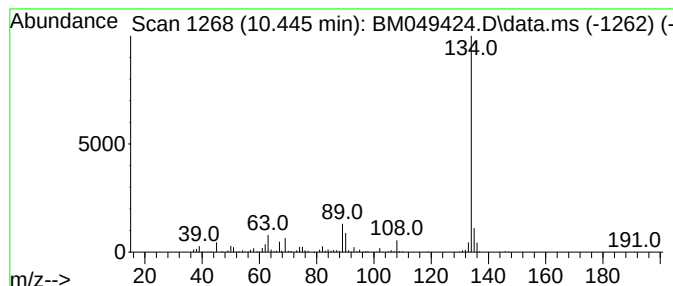
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzo[c]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	4.23 ng/ul	321365	Naphthalene-d8	10.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	90



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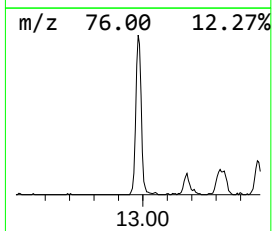
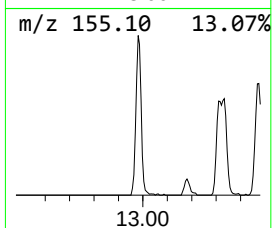
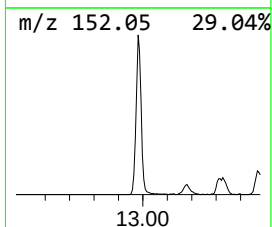
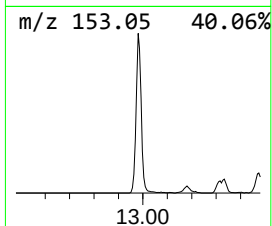
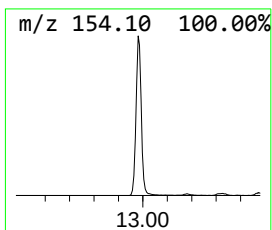
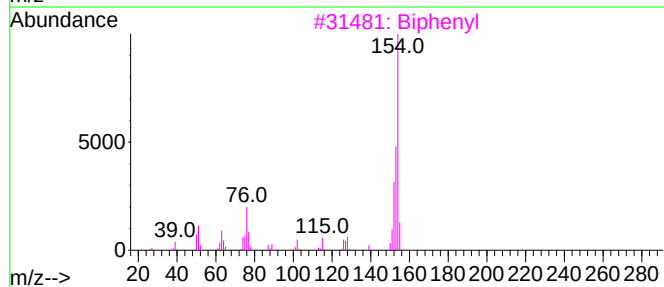
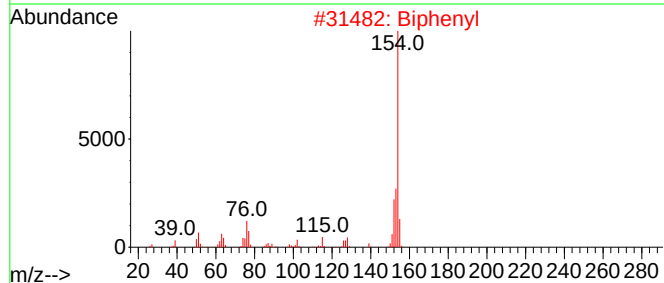
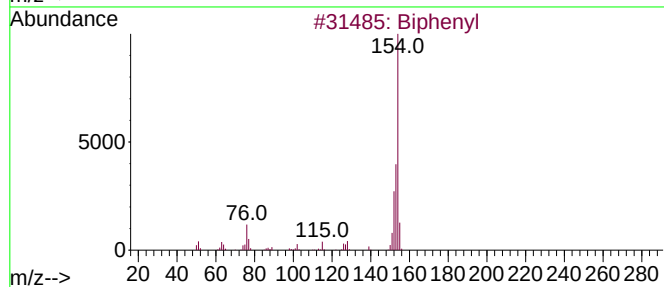
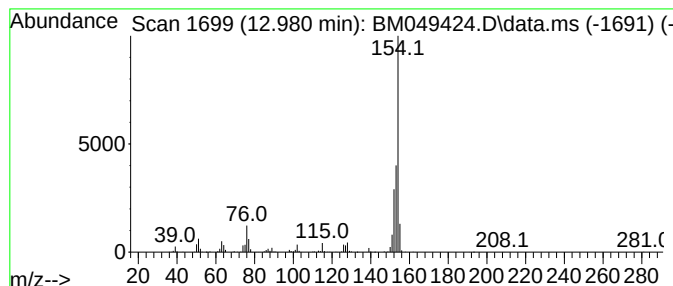
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Biphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	7.96 ng/ul	863826	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	93
3	Biphenyl			154	C12H10	000092-52-4	91
4	Naphthalene, 2-ethenyl-			154	C12H10	000827-54-3	87
5	Biphenyl			154	C12H10	000092-52-4	87



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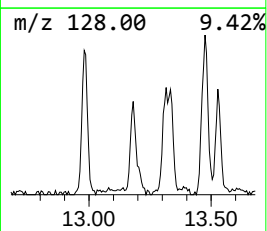
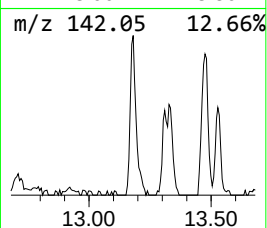
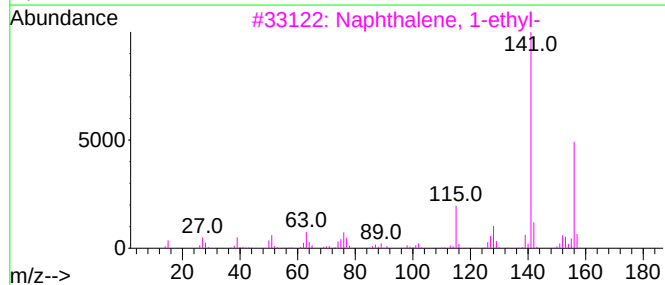
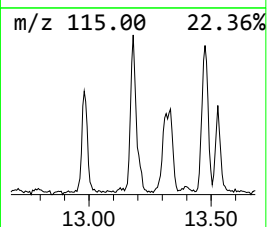
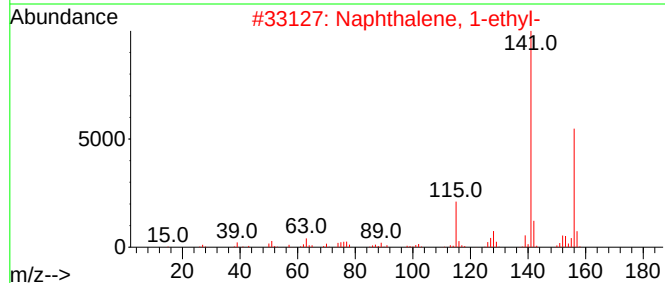
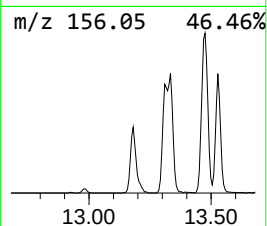
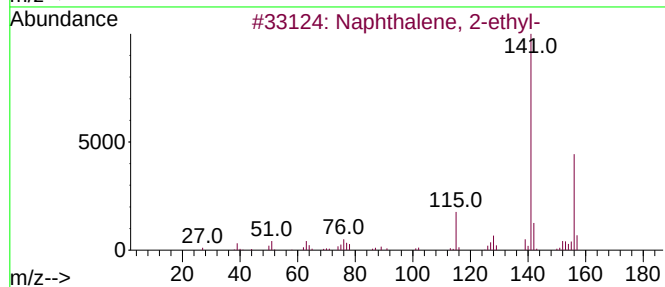
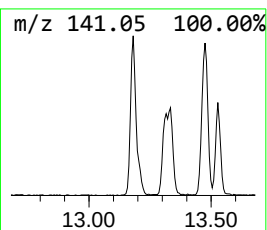
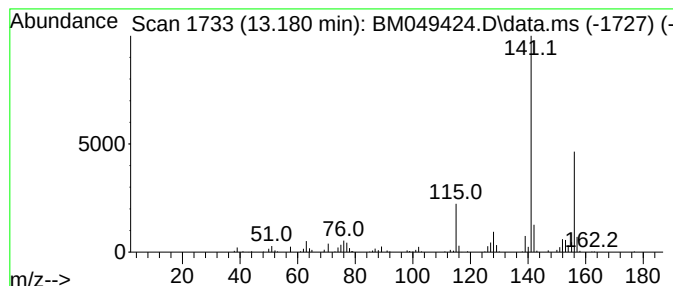
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.181	2.99 ng/ul	324668	Acenaphthene-d10	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZH3DL2

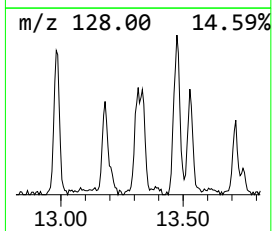
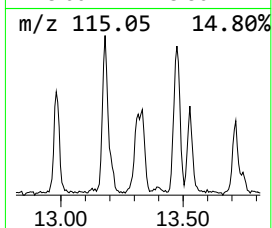
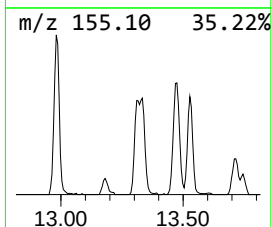
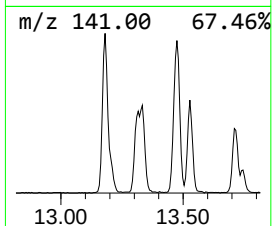
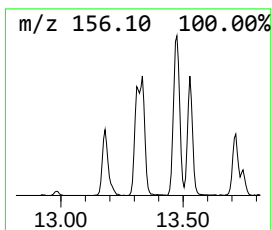
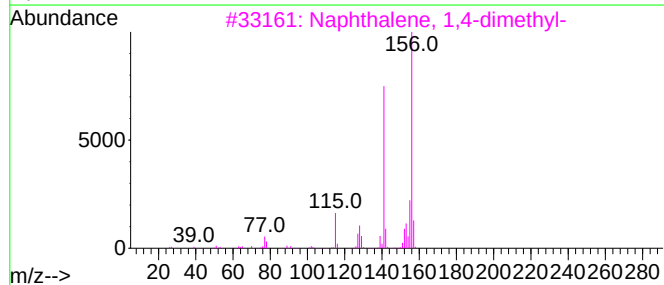
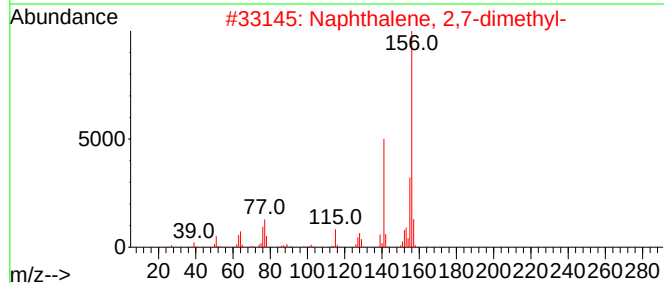
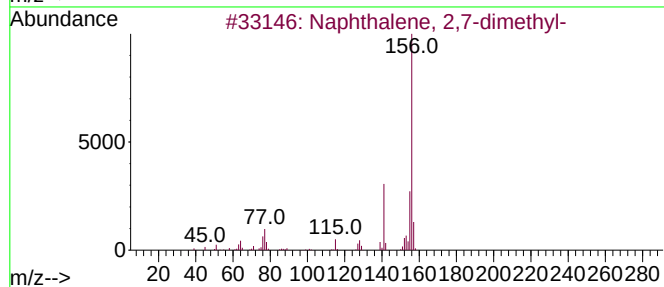
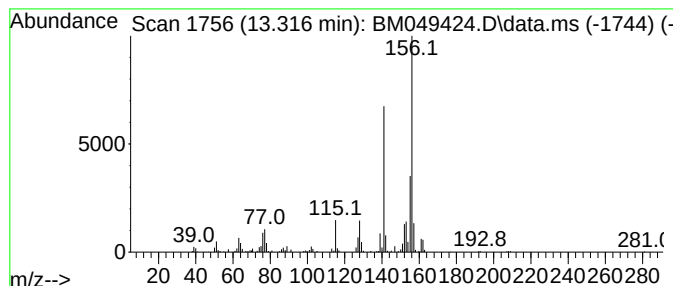
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	2.63 ng/ul	285477	Acenaphthene-d10	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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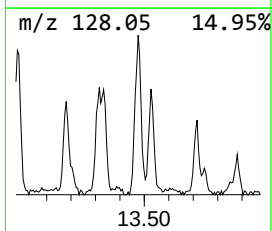
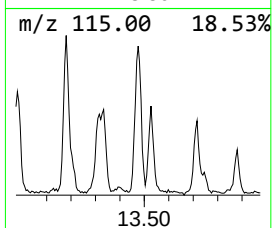
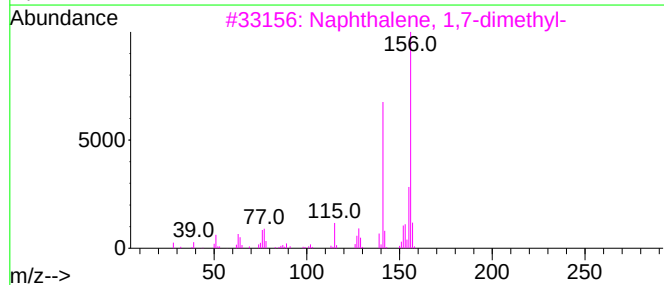
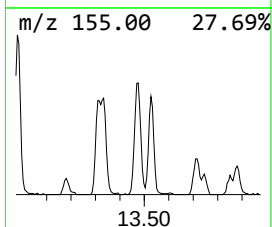
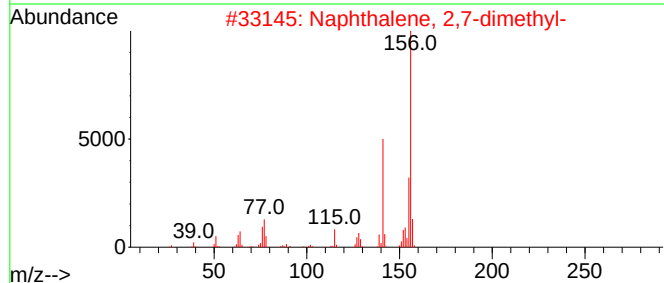
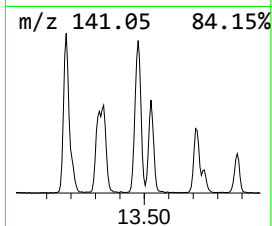
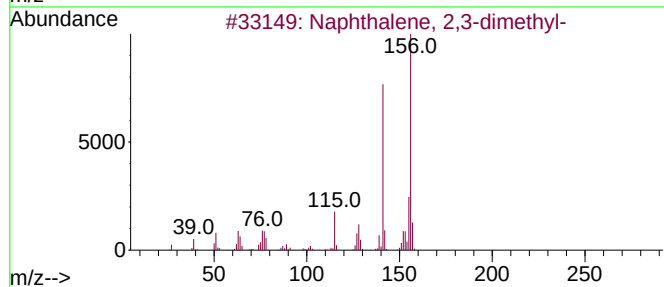
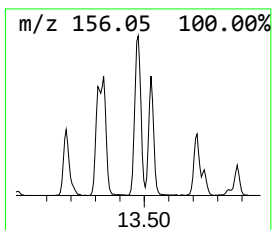
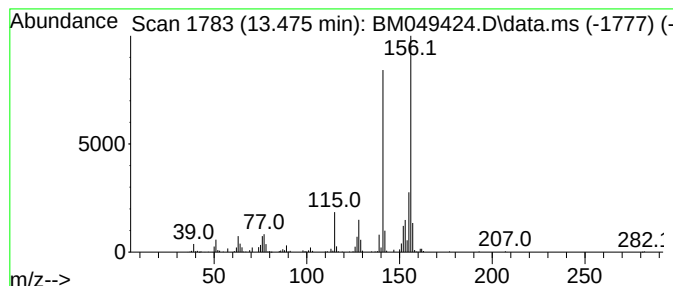
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	4.51 ng/ul	489062	Acenaphthene-d10	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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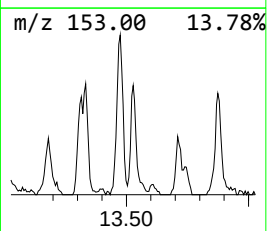
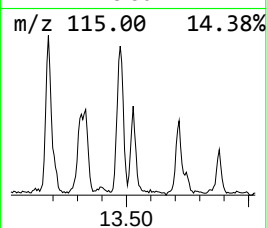
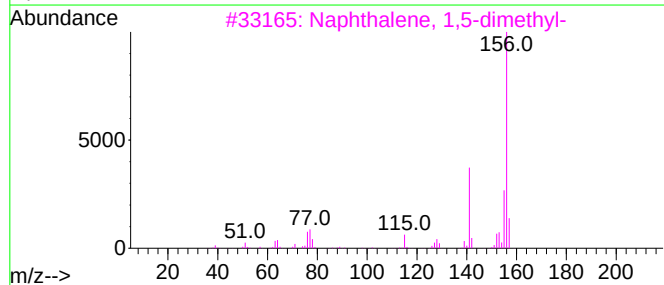
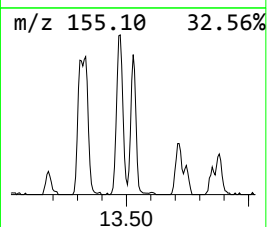
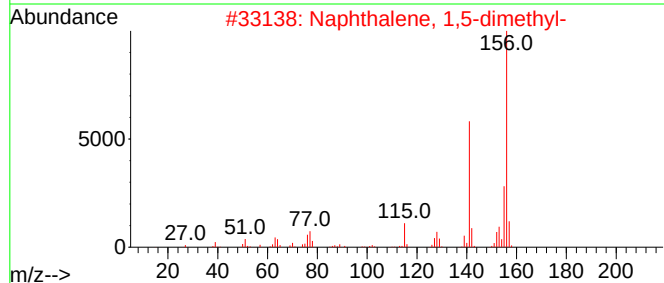
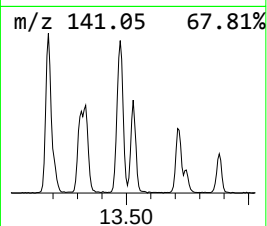
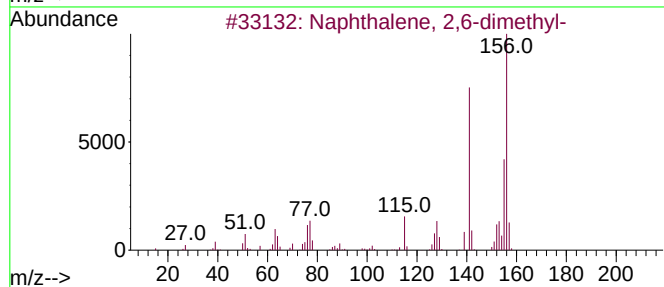
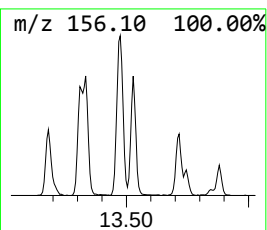
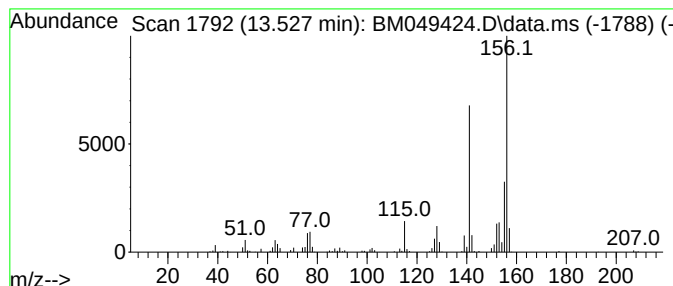
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.528	2.52 ng/ul	273633	Acenaphthene-d10	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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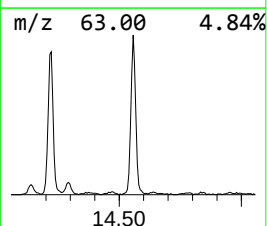
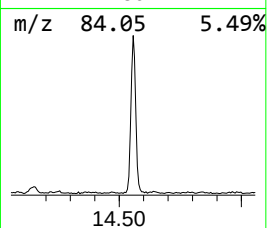
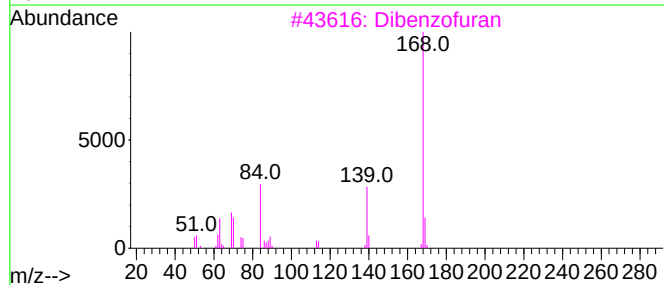
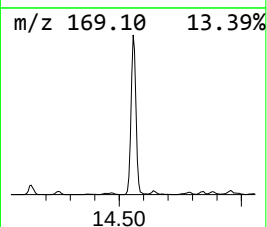
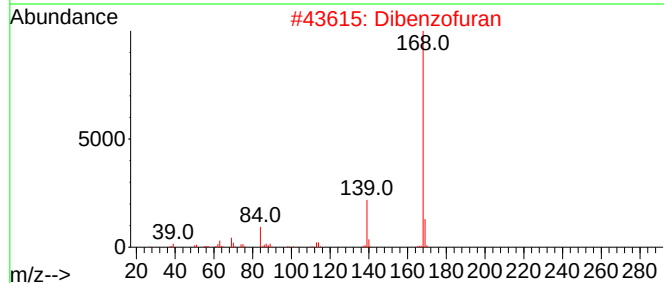
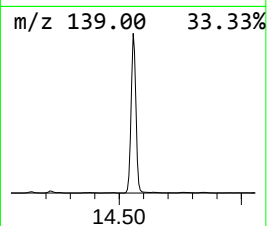
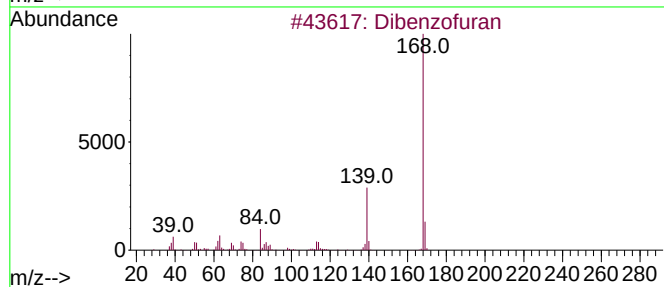
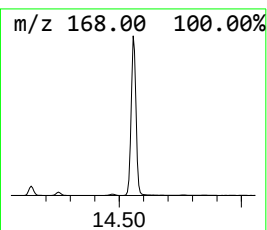
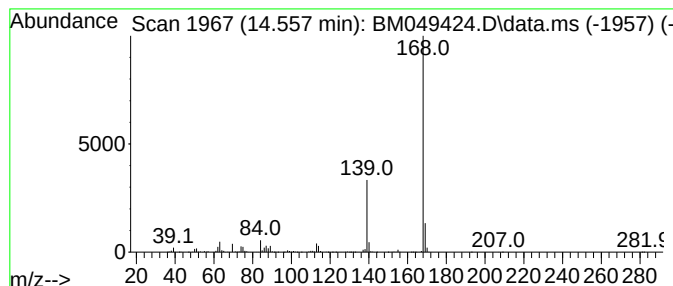
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Dibenzo furan Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	25.71 ng/ul	2789280	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			1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
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Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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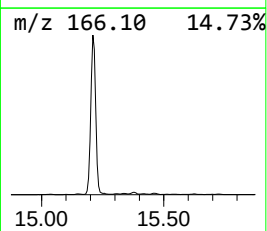
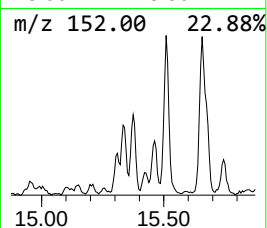
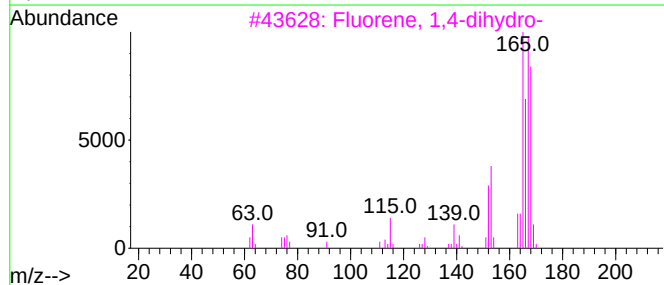
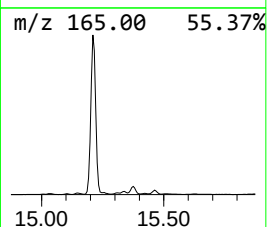
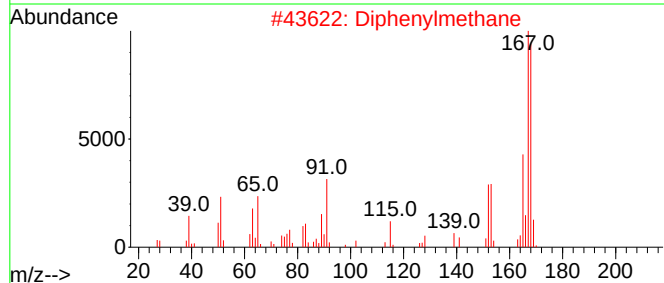
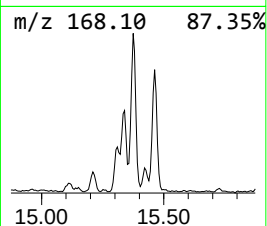
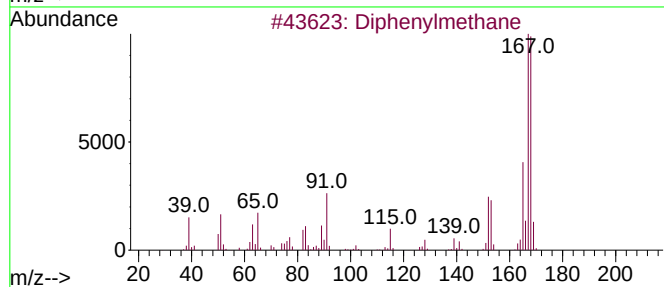
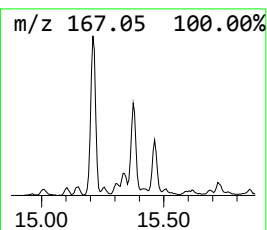
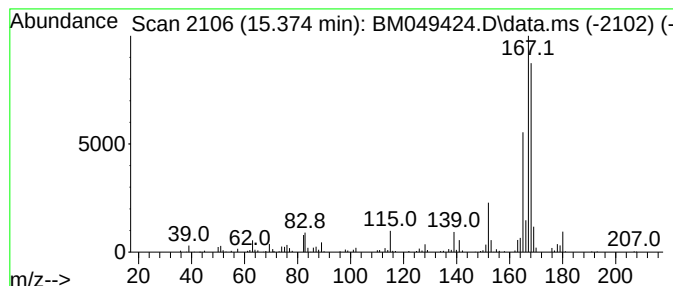
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Diphenylmethane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	2.28 ng/ul	247444	Acenaphthene-d10	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenylmethane	168	C13H12	000101-81-5	89
2			Diphenylmethane	168	C13H12	000101-81-5	76
3			Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	68
4			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
5			Diphenylmethane	168	C13H12	000101-81-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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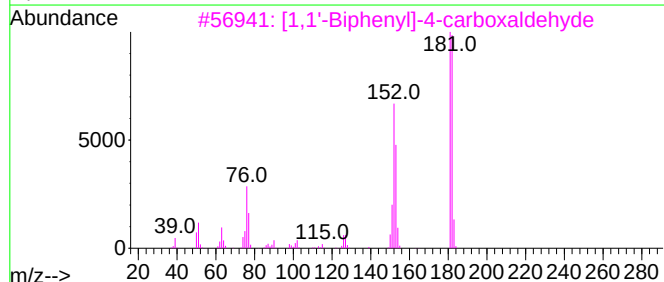
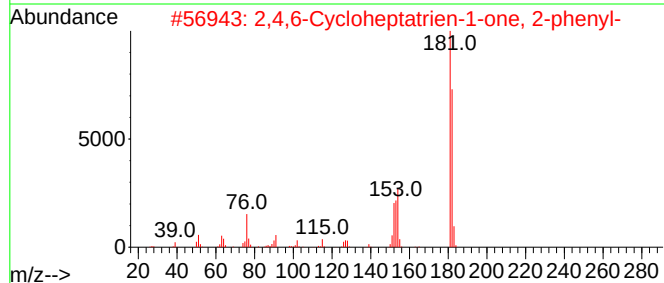
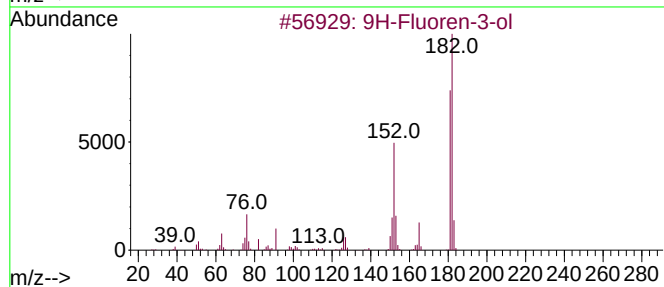
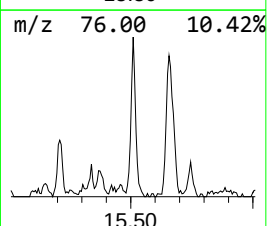
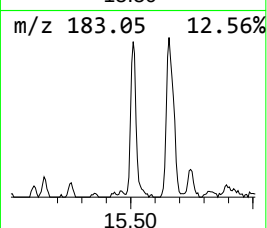
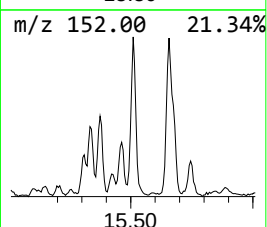
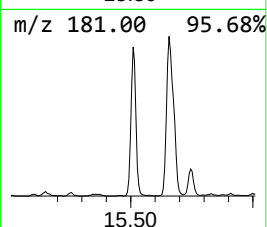
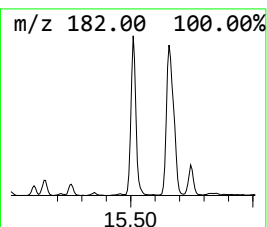
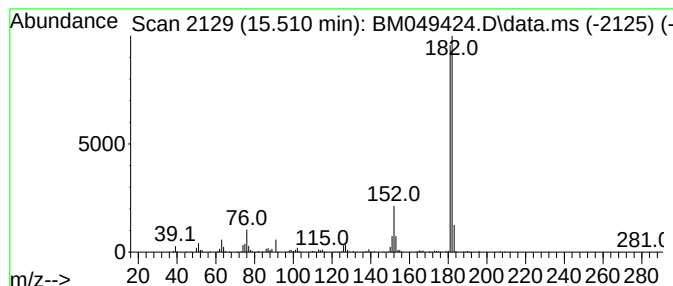
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9H-Fluoren-3-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.510	4.72 ng/ul	511645	Acenaphthene-d10	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
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\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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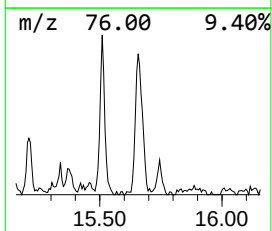
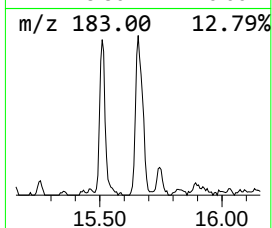
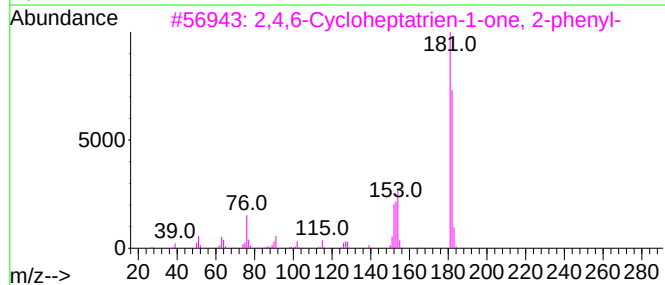
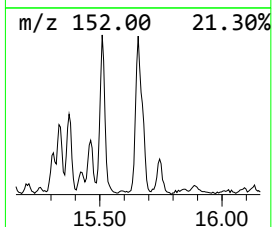
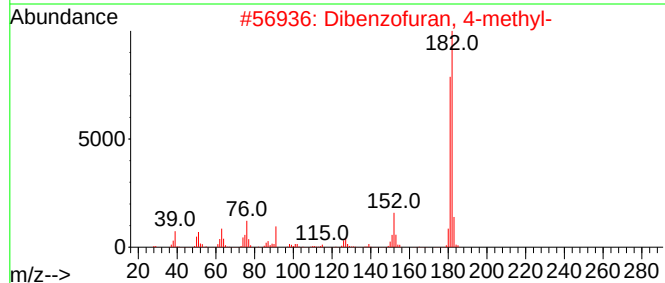
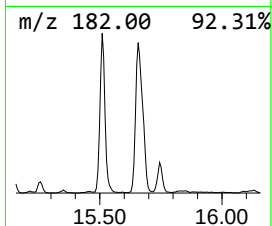
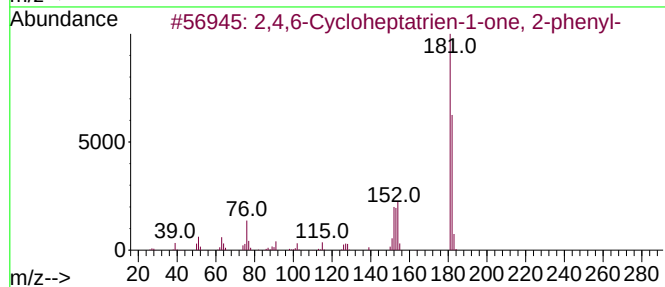
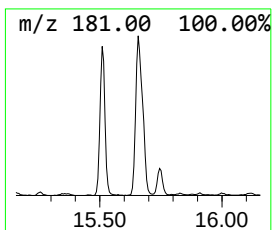
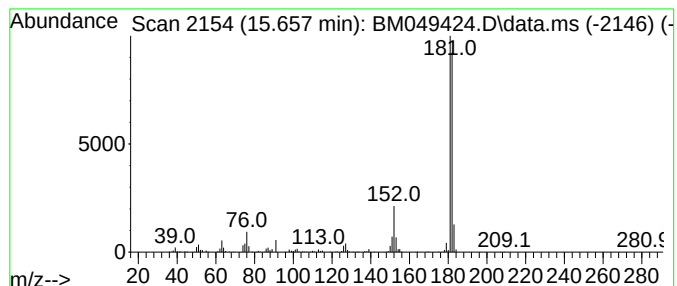
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 2,4,6-Cycloheptatrien-1-one... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	6.05 ng/ul	655704	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	90
2		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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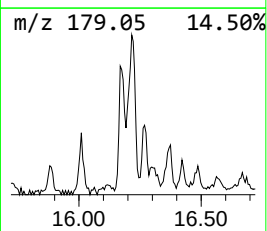
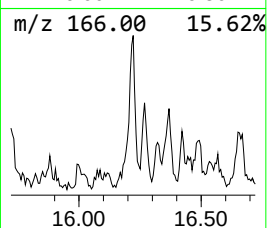
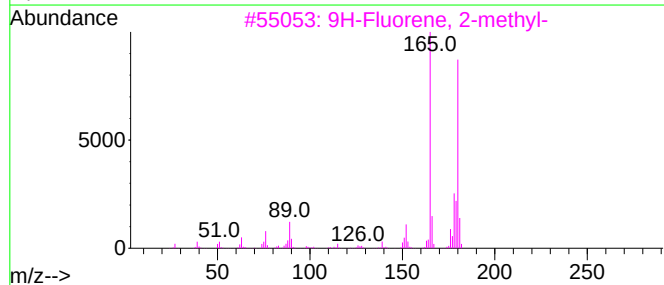
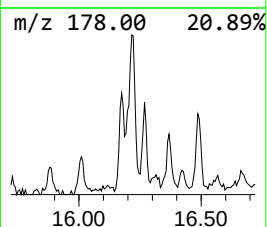
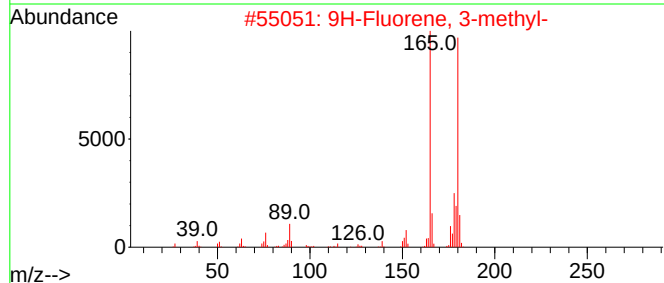
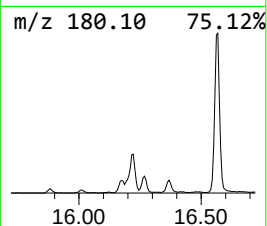
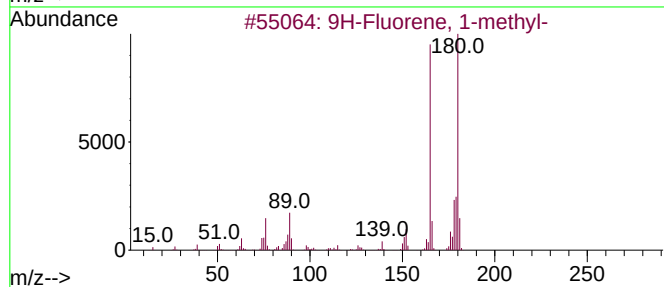
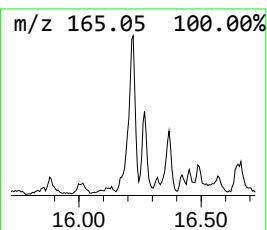
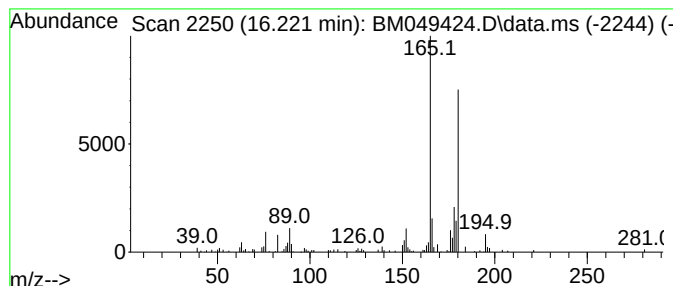
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	2.46 ng/ul	267086	Phenanthrene-d10	16.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96	
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96	
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90	
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83	
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
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Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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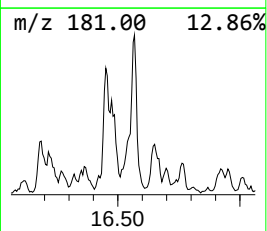
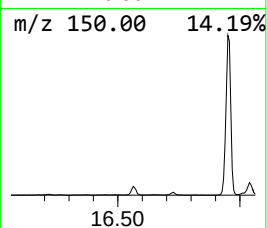
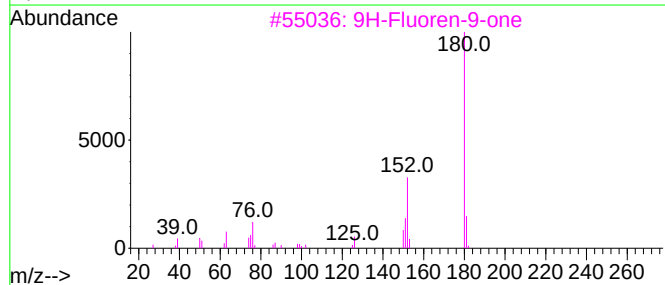
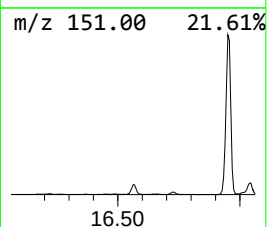
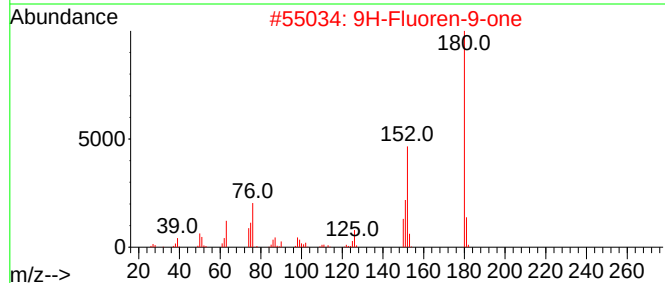
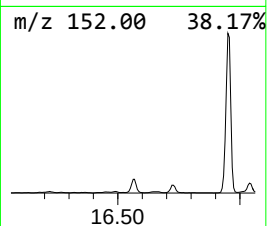
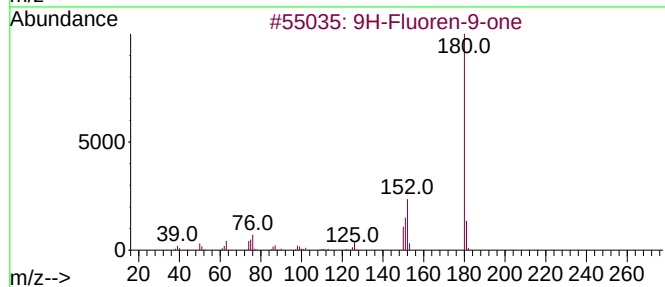
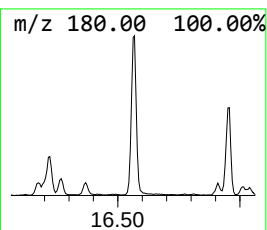
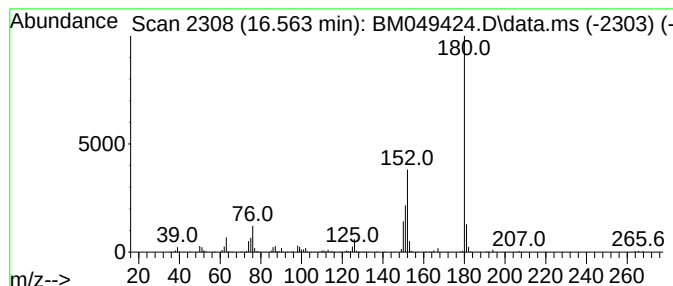
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.563	4.03 ng/ul	436614	Phenanthrene-d10	16.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one		180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one		180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one		180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one		180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one		180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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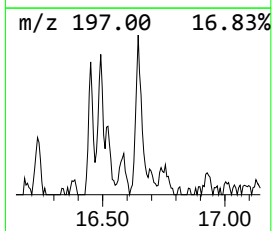
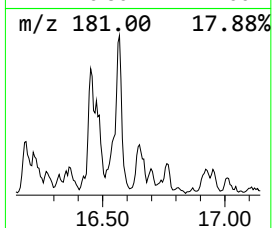
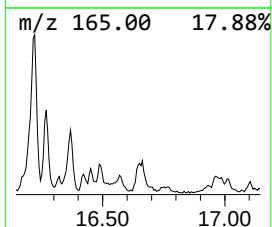
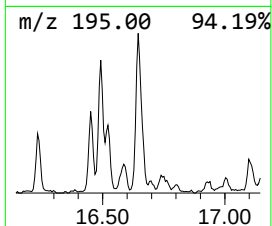
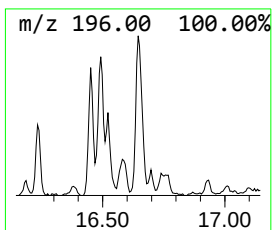
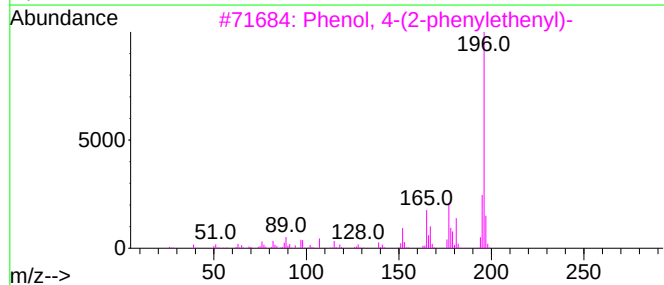
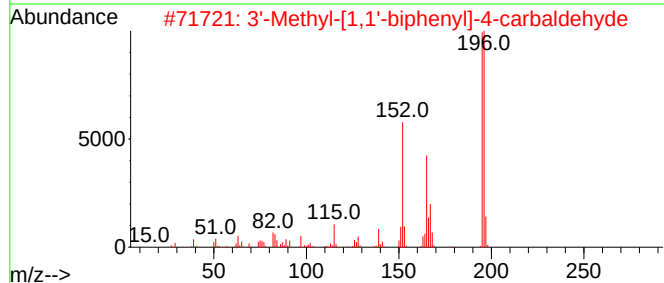
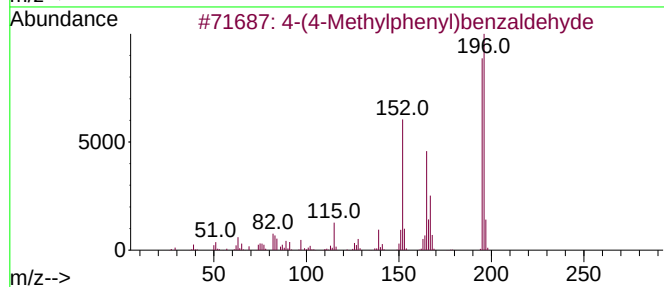
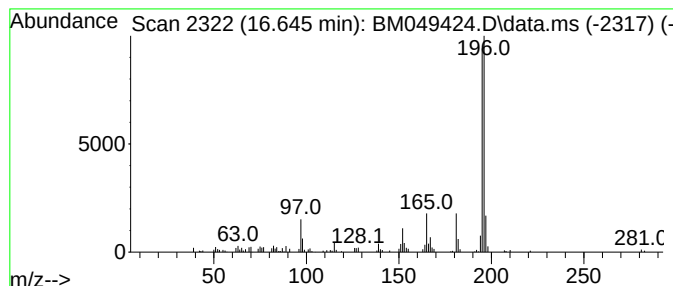
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 4-(4-Methylphenyl)benzaldehyde Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.645	2.02 ng/ul	218563	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	90
2			3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	87
3			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
4			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
5			Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
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Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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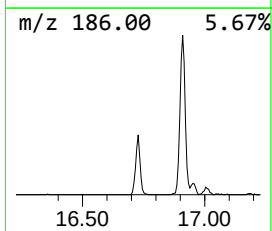
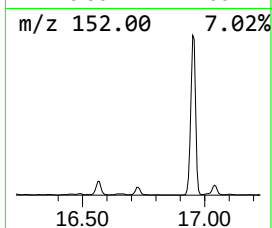
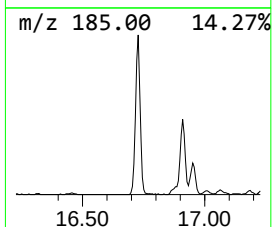
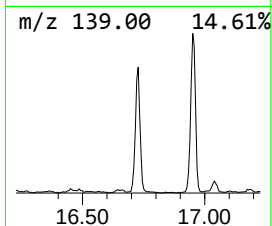
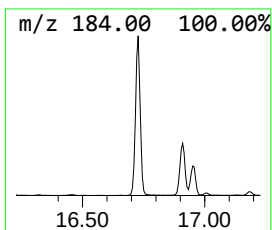
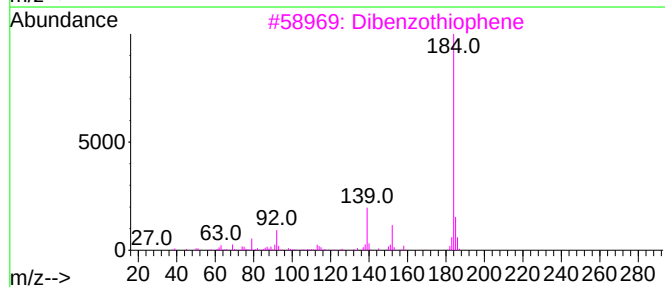
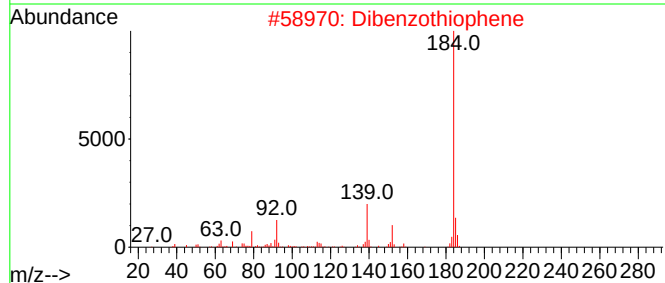
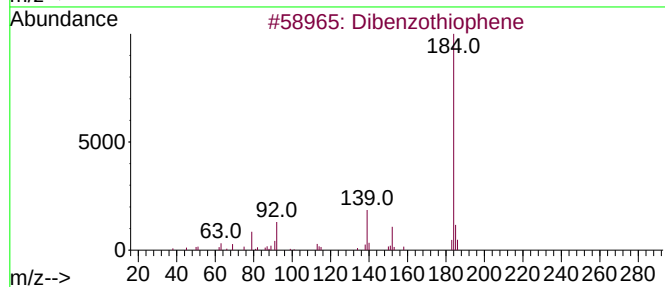
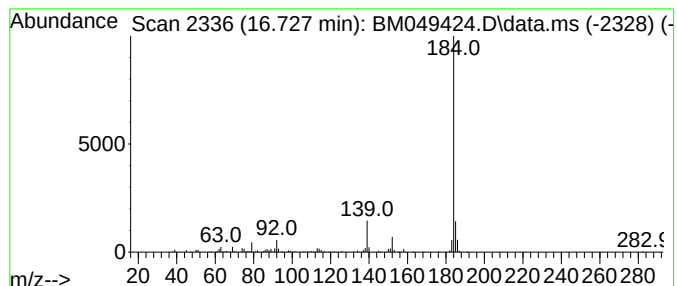
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Dibenzothiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	8.30 ng/ul	900367	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	96
3			Dibenzothiophene	184	C12H8S	000132-65-0	95
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5			Dibenzothiophene	184	C12H8S	000132-65-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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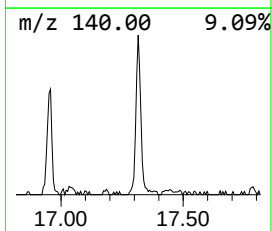
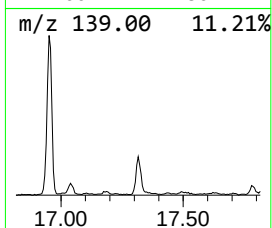
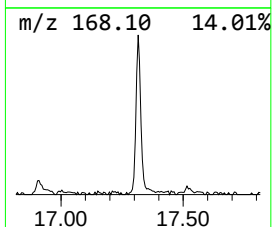
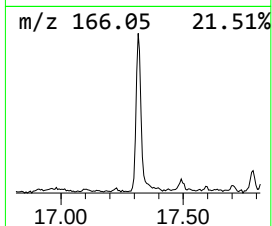
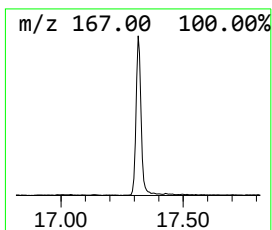
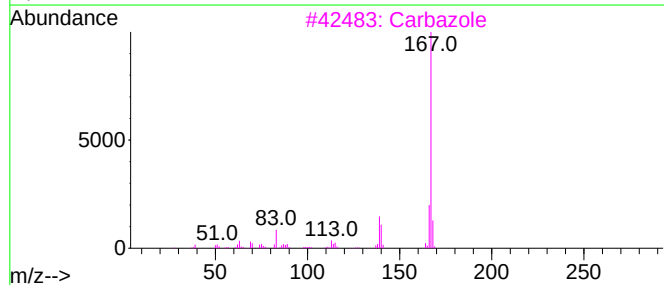
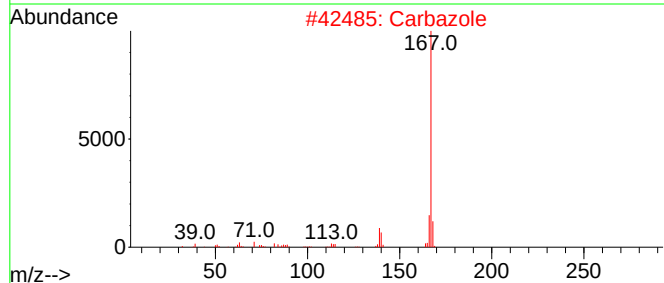
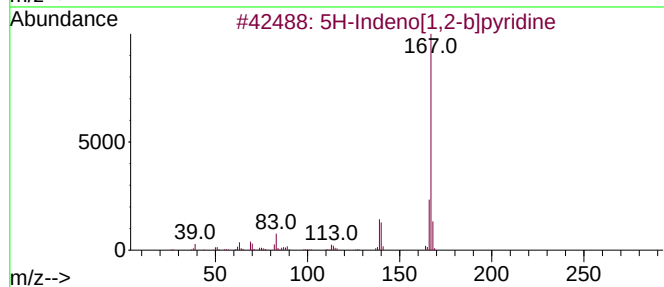
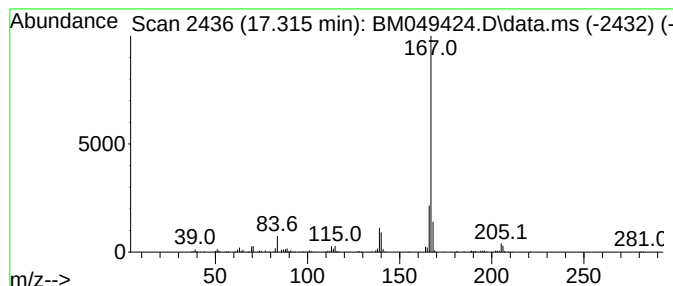
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 5H-Indeno[1,2-b]pyridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.316	3.10 ng/ul	336140	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	93
3			Carbazole	167	C12H9N	000086-74-8	93
4			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
5			Carbazole	167	C12H9N	000086-74-8	87



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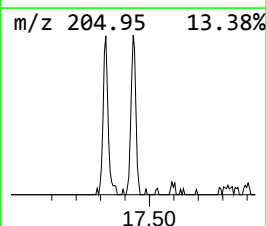
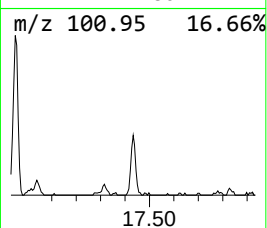
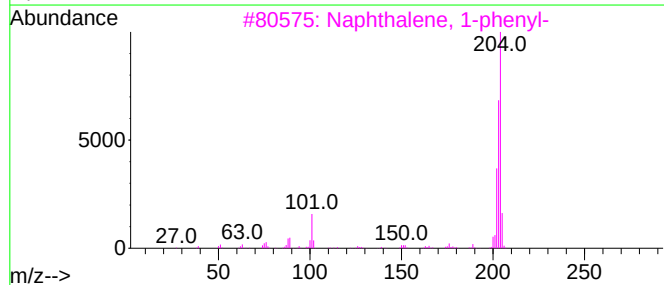
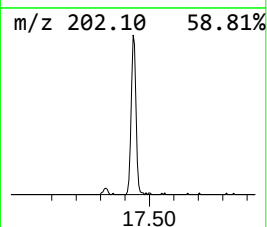
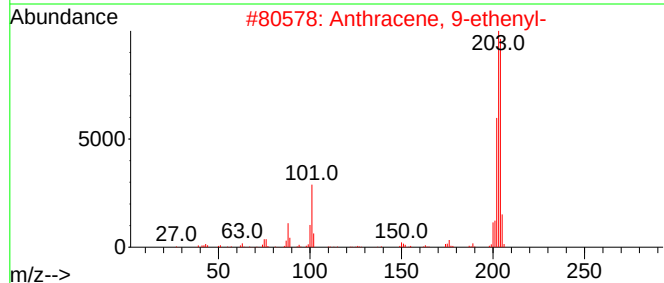
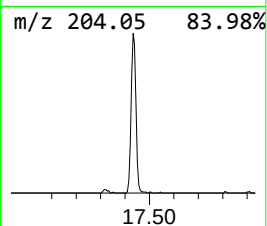
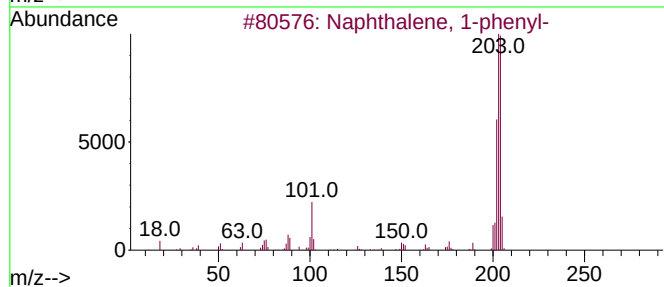
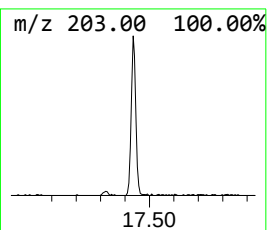
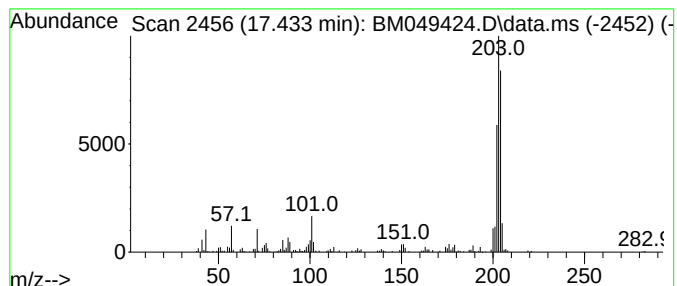
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 1-phenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.433	2.08 ng/ul	226094	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	98
2			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
4			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
5			Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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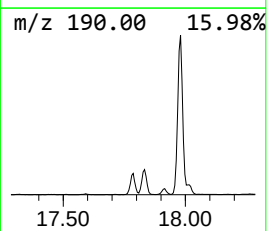
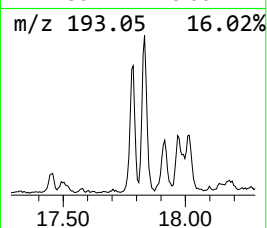
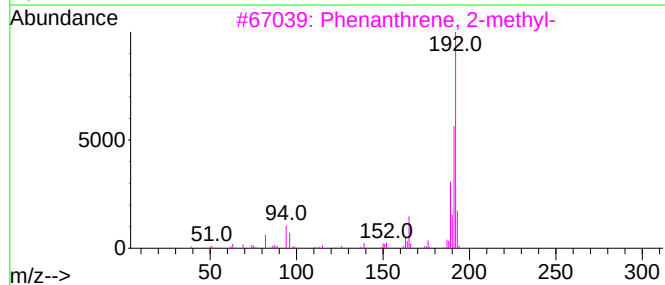
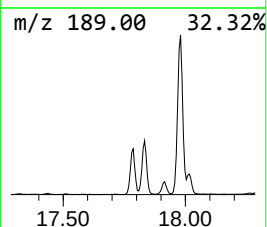
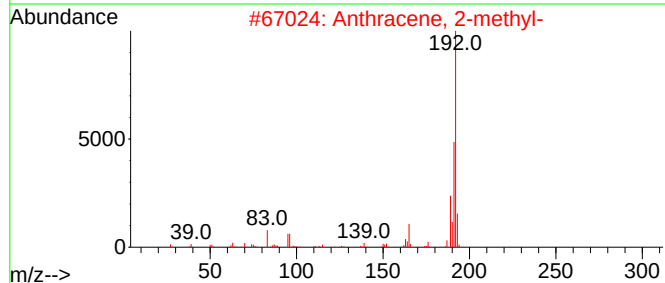
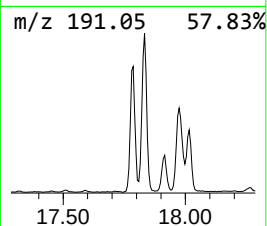
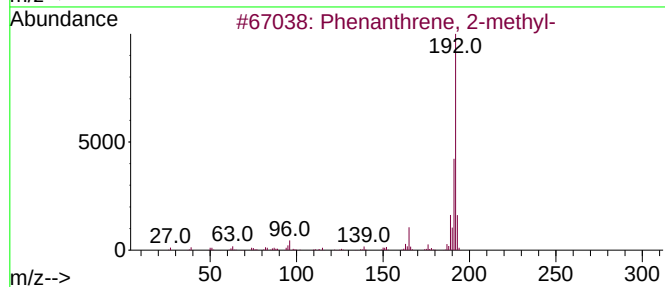
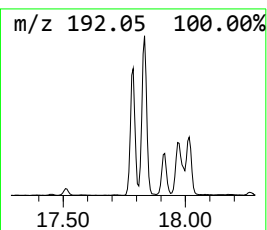
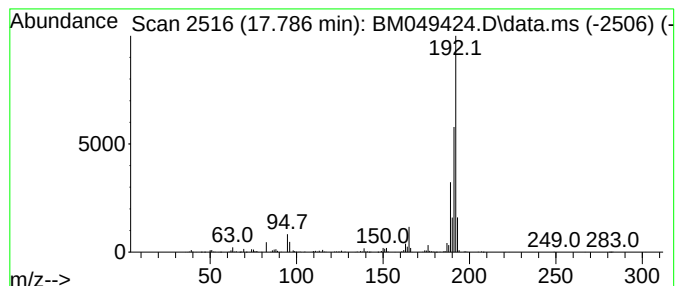
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	6.47 ng/ul	701992	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

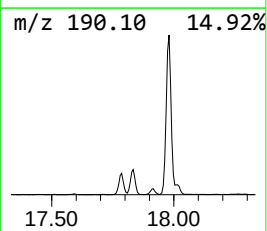
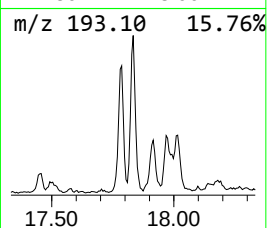
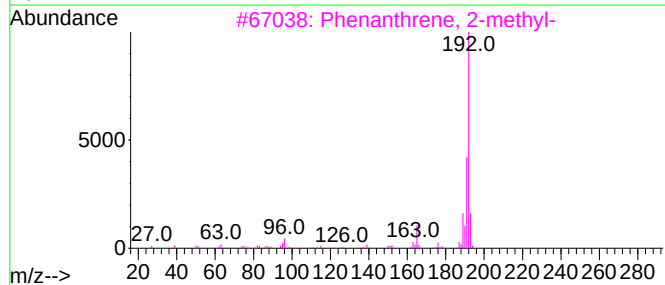
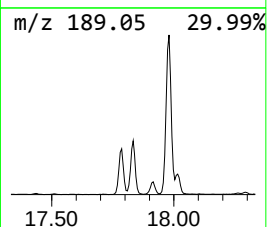
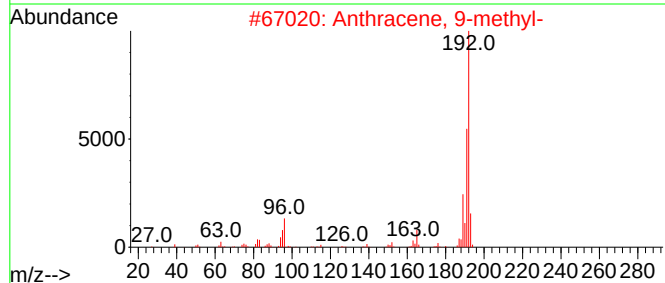
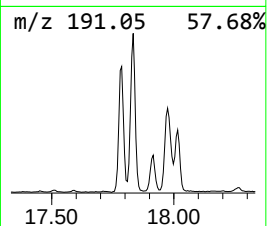
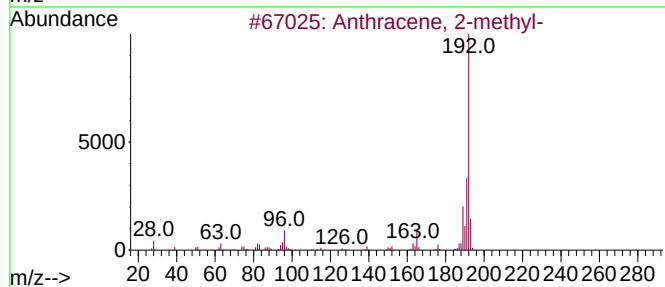
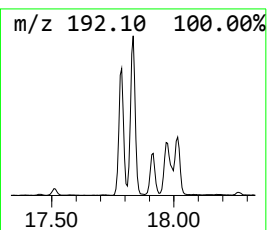
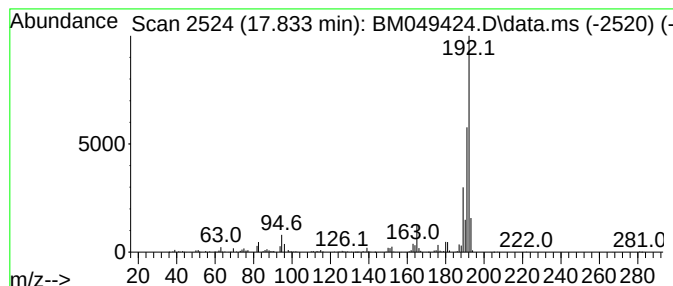
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	8.15 ng/ul	884162	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

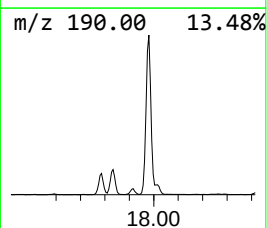
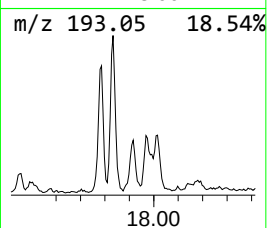
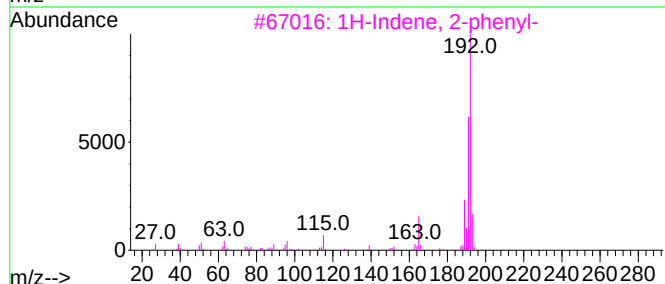
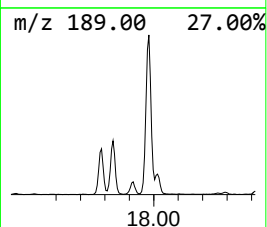
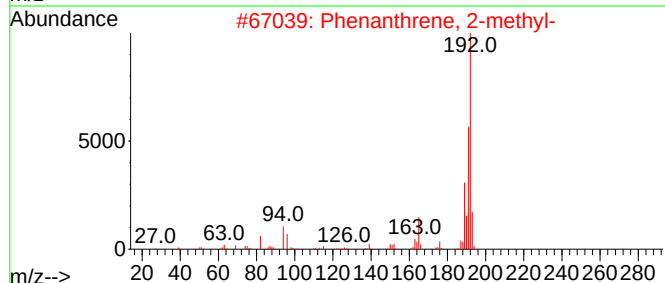
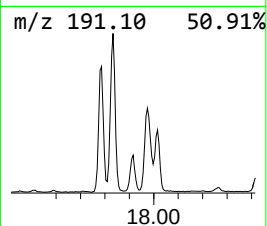
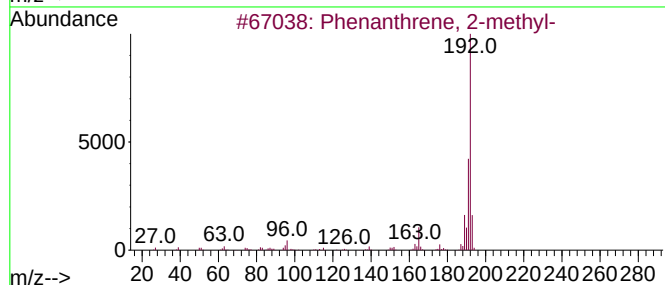
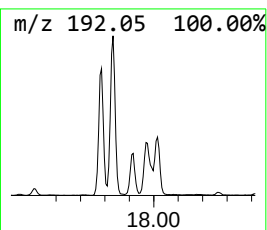
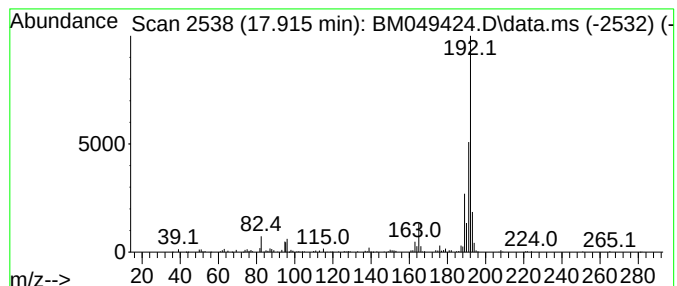
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1H-Indene, 2-phenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.916	2.08 ng/ul	225783	Phenanthrene-d10	16.910

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			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

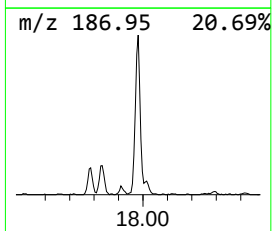
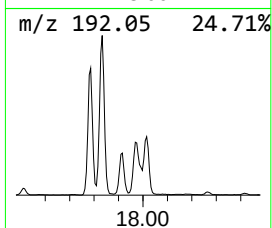
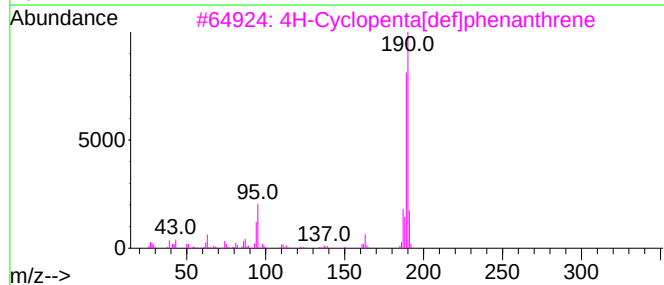
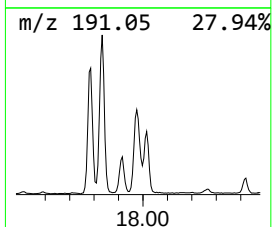
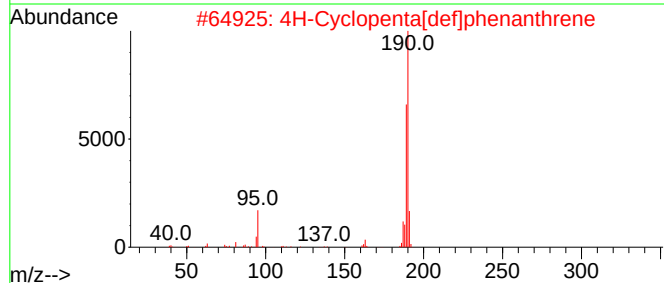
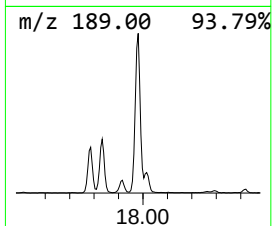
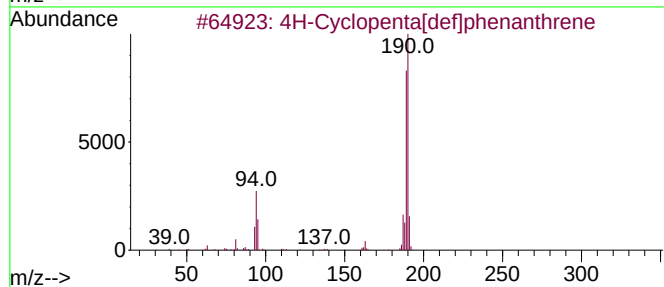
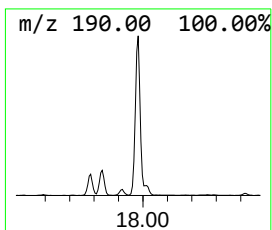
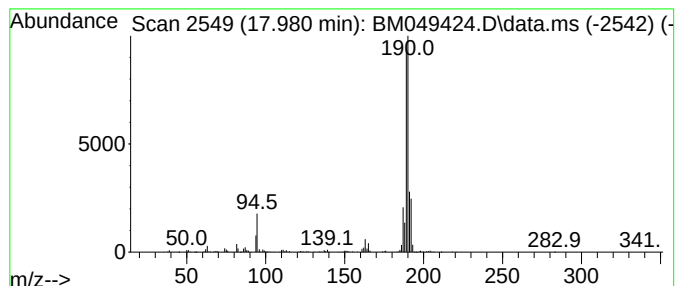
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	10.87 ng/ul	1179320	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	76
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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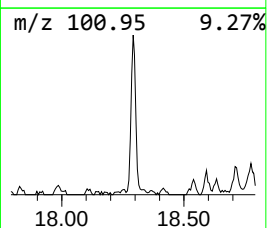
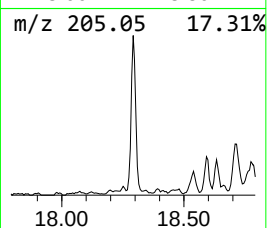
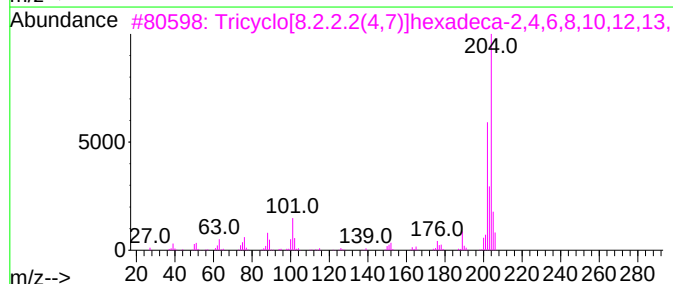
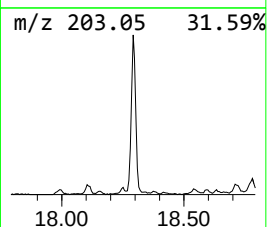
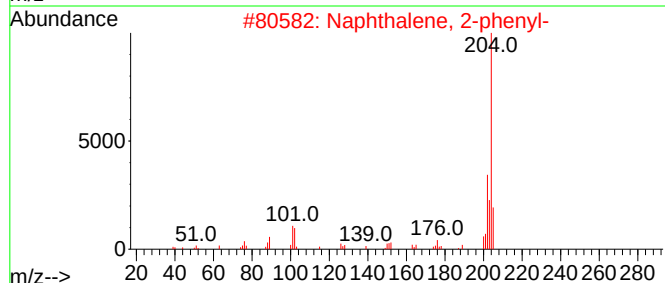
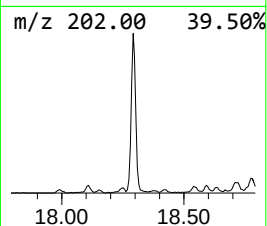
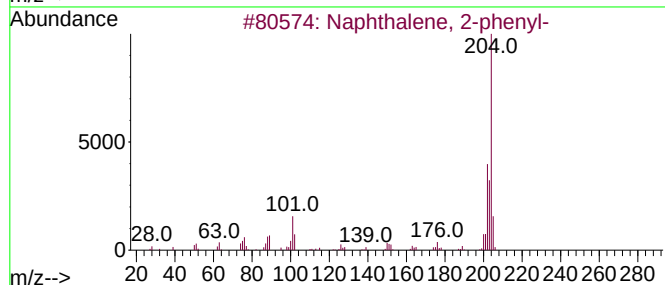
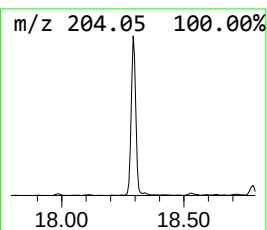
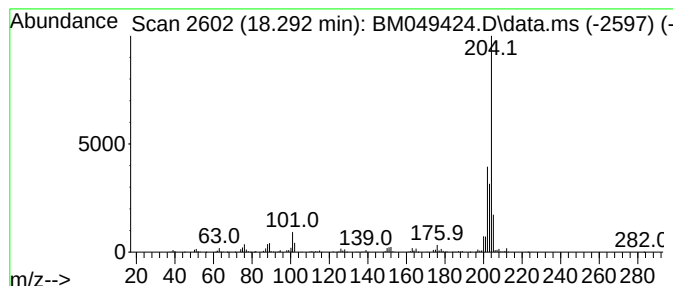
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	4.88 ng/ul	529465	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

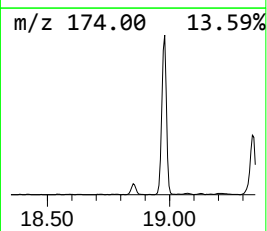
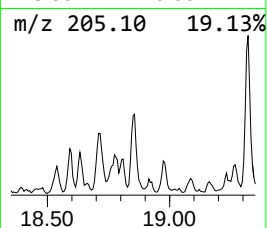
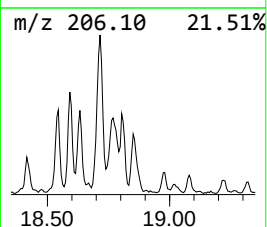
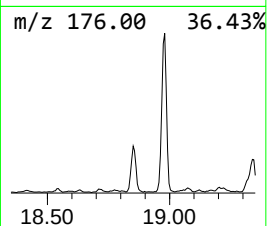
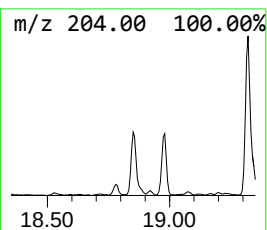
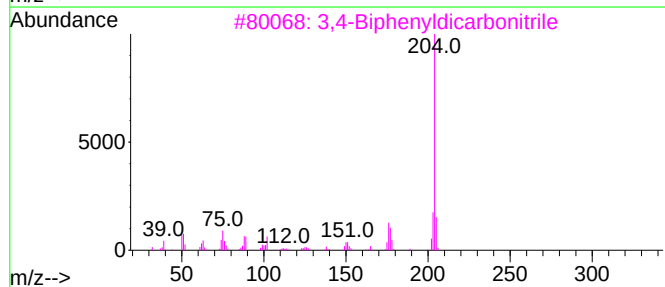
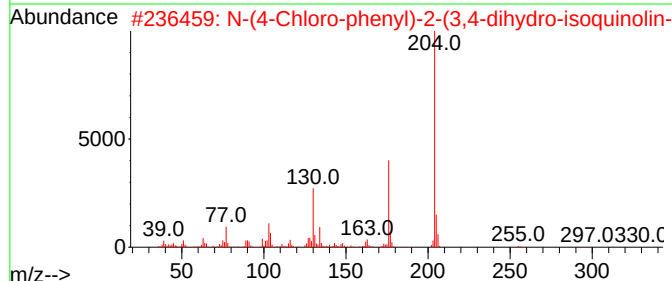
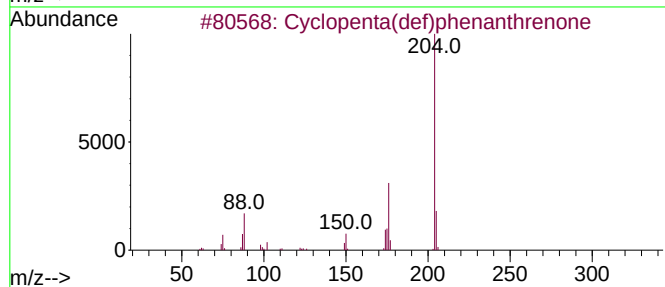
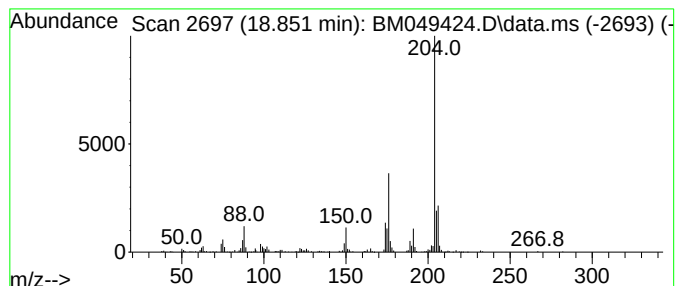
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Cyclopenta(def)phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.	
18.851	2.42 ng/ul	262991	Phenanthrene-d10			16.910	
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	50
3			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
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Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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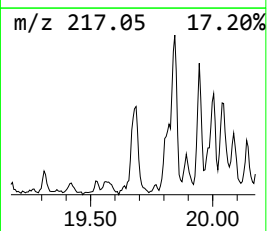
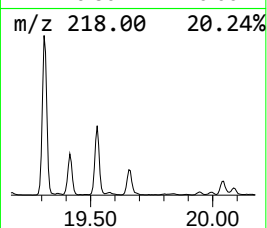
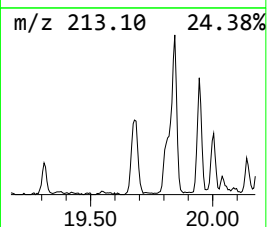
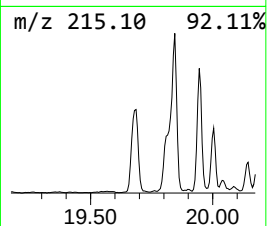
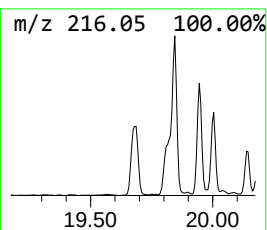
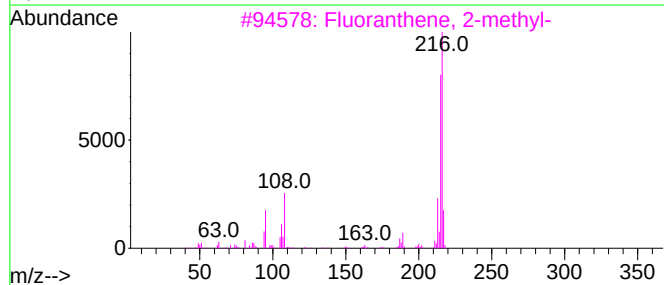
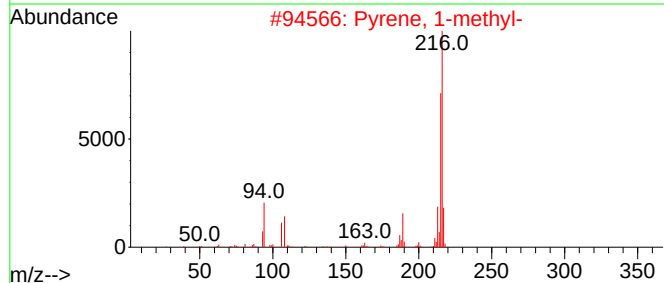
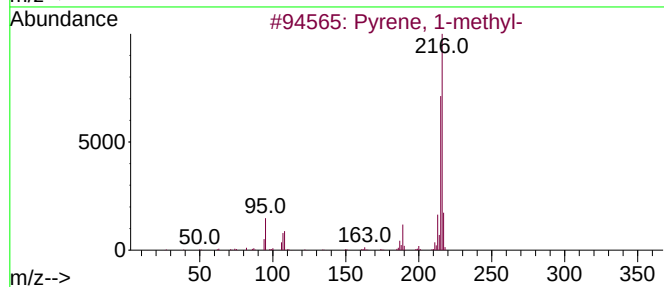
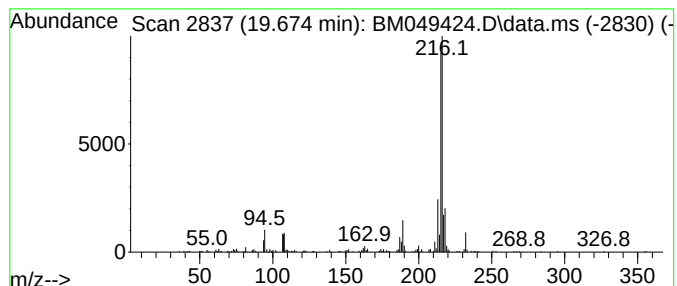
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Pyrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.674	2.24 ng/ul	457125	Chrysene-d12	21.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76



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Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

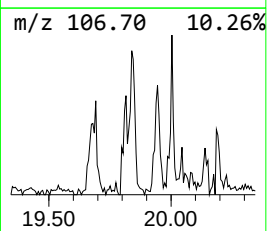
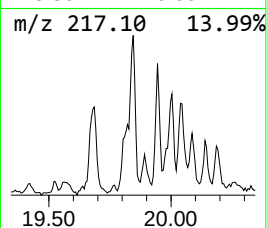
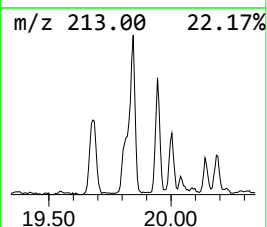
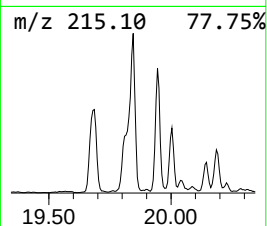
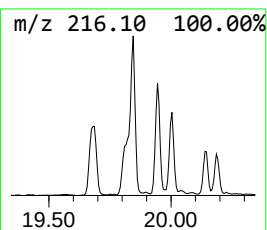
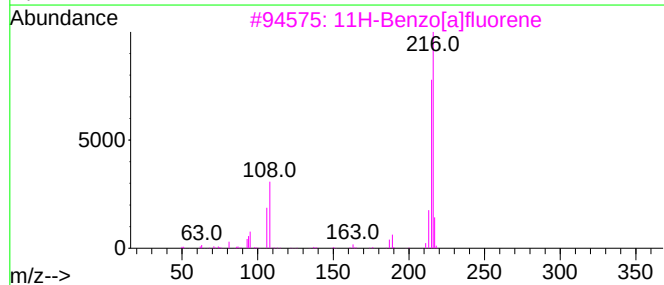
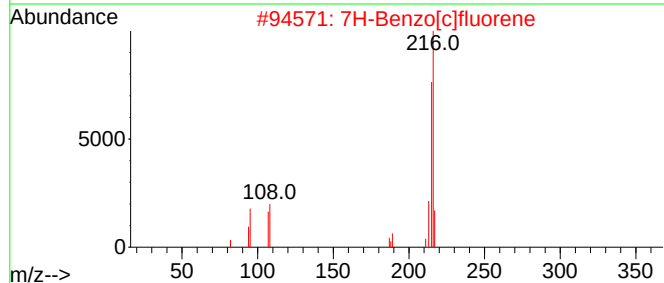
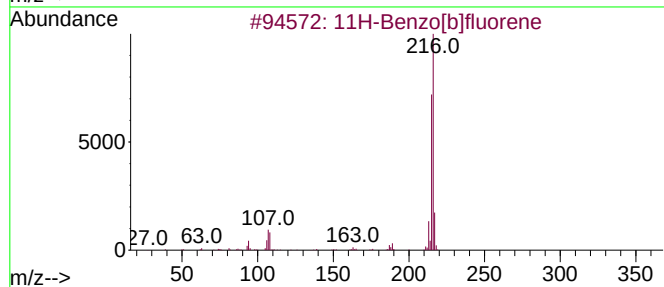
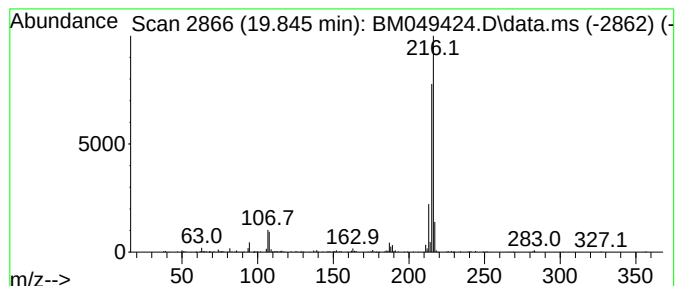
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 11H-Benzo[b]fluorene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	2.23 ng/ul	455679	Chrysene-d12	21.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049424.D
 Acq On : 23 Jan 2025 18:07
 Operator : RC/JU
 Sample : Q1139-06DL2 30X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH3DL2

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
Benzo[c]thiophene	10.445	4.2	ng/ul	321365	2	10.275	1518500	20.0
Biphenyl	12.980	8.0	ng/ul	863826	3	14.157	2169460	20.0
Naphthalene, 2-...	13.181	3.0	ng/ul	324668	3	14.157	2169460	20.0
Naphthalene, 2,...	13.316	2.6	ng/ul	285477	3	14.157	2169460	20.0
Naphthalene, 2,...	13.475	4.5	ng/ul	489062	3	14.157	2169460	20.0
Naphthalene, 2,...	13.528	2.5	ng/ul	273633	3	14.157	2169460	20.0
Dibenzo furan	14.557	25.7	ng/ul	2789280	3	14.157	2169460	20.0
Diphenylmethane	15.374	2.3	ng/ul	247444	3	14.157	2169460	20.0
9H-Fluoren-3-ol	15.510	4.7	ng/ul	511645	3	14.157	2169460	20.0
2,4,6-Cyclohept...	15.657	6.0	ng/ul	655704	4	16.910	2169260	20.0
9H-Fluorene, 1-...	16.221	2.5	ng/ul	267086	4	16.910	2169260	20.0
9H-Fluoren-9-one	16.563	4.0	ng/ul	436614	4	16.910	2169260	20.0
4-(4-Methylphen...	16.645	2.0	ng/ul	218563	4	16.910	2169260	20.0
Dibenzothiophene	16.727	8.3	ng/ul	900367	4	16.910	2169260	20.0
5H-Indeno[1,2-b...	17.316	3.1	ng/ul	336140	4	16.910	2169260	20.0
Naphthalene, 1-...	17.433	2.1	ng/ul	226094	4	16.910	2169260	20.0
Phenanthrene, 2...	17.786	6.5	ng/ul	701992	4	16.910	2169260	20.0
Anthracene, 2-m...	17.833	8.2	ng/ul	884162	4	16.910	2169260	20.0
1H-Indene, 2-ph...	17.916	2.1	ng/ul	225783	4	16.910	2169260	20.0
4H-Cyclopenta[d...	17.980	10.9	ng/ul	1179320	4	16.910	2169260	20.0
Naphthalene, 2-...	18.292	4.9	ng/ul	529465	4	16.910	2169260	20.0
Cyclopenta(def)...	18.851	2.4	ng/ul	262991	4	16.910	2169260	20.0
Pyrene, 1-methyl-	19.674	2.2	ng/ul	457125	5	21.139	4087610	20.0
11H-Benzo[b]flu...	19.845	2.2	ng/ul	455679	5	21.139	4087610	20.0