LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

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

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

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

Signal : TIC: BM037880.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.240	646	655	665	rBV	652625	1077422	1.45%	0.209%
2	7.410	678	684	695	rBV	464218	720706	0.97%	0.140%
3	7.610	712	718	728	rBV	594877	944593	1.27%	0.183%
4	8.087	792	799	806	rBV	837705	1276503	1.72%	0.247%
5	8.793	912	919	926	rBV	745184	1198229	1.61%	0.232%
6	9.257	990	998	1009	rBV	534451	892426	1.20%	0.173%
7	9.981	1114	1121	1128	rBV	412906	682902	0.92%	0.132%
8	10.522	1206	1213	1222	rBV	736885	1184318	1.59%	0.229%
9	10.910	1268	1279	1283	rBV	1033525	1790805	2.41%	0.347%
10	10.957	1283	1287	1295	rVV	1103800	1782757	2.40%	0.345%
11	11.045	1295	1302	1319	rVB2	367917	738928	0.99%	0.143%
12	12.557	1551	1559	1572	rVB	1008039	1597384	2.15%	0.309%
13	13.551	1720	1728	1734	rBV2	351104	660206	0.89%	0.128%
14	14.122	1816	1825	1830	rVV	1200954	1715383	2.31%	0.332%
15	14.410	1868	1874	1877	rBV2	1418256	2248870	3.02%	0.435%
16	14.439	1877	1879	1890	rVB	1019118	1305392	1.76%	0.253%
17	14.716	1921	1926	1931	rVV	1521271	2253160	3.03%	0.436%
18	14.780	1932	1937	1944	rVV	1394916	2076334	2.79%	0.402%
19	14.910	1953	1959	1969	rVB4	427541	874219	1.18%	0.169%
20	15.110	1987	1993	1999	rBV	2451440	3403586	4.58%	0.659%
21	15.539	2061	2066	2070	rVB	878849	1075511	1.45%	0.208%
22	15.704	2089	2094	2098	rBV	1835840	2492088	3.35%	0.483%
23	15.757	2098	2103	2109	rVV	5159958	7357590	9.89%	1.425%
24	15.945	2127	2135	2140	rBV2	489681	1067737	1.44%	0.207%
25	16.192	2174	2177	2185	rVB	371640	701307	0.94%	0.136%
26	16.398	2208	2212	2215	rBV	1814377	2670938	3.59%	0.517%
27	16.427	2215	2217	2229	rVB2	1734168	2396651	3.22%	0.464%
28	16.751	2267	2272	2278	rBV4	397646	880446	1.18%	0.170%
29	17.110	2328	2333	2338	rBV	780321	1141851	1.54%	0.221%
30	17.192	2343	2347	2352	rVV	2070919	2792603	3.76%	0.541%
31	17.245	2352	2356	2359	rVV	1147214	1851365	2.49%	0.358%
32	17.274	2359	2361	2368	rVB	831776	1067689	1.44%	0.207%
33	17.457	2387	2392	2395	rBV	1504756	2404383	3.23%	0.466%
34	17.504	2395	2400	2406	rVV	8868396	14341675	19.29%	2.777%
35	17.627	2406	2421	2424	rVV2	27805830	74359728	100.00%	14.397%
36	17.657	2424	2426	2434	rVV2	1124493	1480886	1.99%	0.287%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

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

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

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

37	17.739	2435	2440	2446	rVB	1036677	1671633	2.25%	0.324%
38	17.868	2456	2462	2468	rVB	10199389	15188559	20.43%	2.941%
39	17.933	2469	2473	2477	rVB	1960652	2260740	3.04%	0.438%
40	18.333	2537	2541	2545	rVB	1055956	1277335	1.72%	0.247%
41	18.374	2545	2548	2555	rVB2	1098086	1610859	2.17%	0.312%
42	18.463	2558	2563	2569	rVB	3258802	4380605	5.89%	0.848%
43	18.533	2569	2575	2579	rBV	6897856	10005697	13.46%	1.937%
44	18.621	2586	2590	2595	rVB2	2233991	2874084	3.87%	0.556%
45	18.674	2595	2599	2603	rBV	650604	856270	1.15%	0.166%
46	18.721	2603	2607	2611	rBV	1172193	1601601	2.15%	0.310%
47	18.821	2622	2624	2628	rVB	622602	745053	1.00%	0.144%
48	18.868	2628	2632	2637	rBV	1859235	2401749	3.23%	0.465%
49	19.251	2691	2697	2702	rBV4	1761085	2799069	3.76%	0.542%
50	19.310	2703	2707	2715	rVB2	792384	1317617	1.77%	0.255%
51	19.386	2715	2720	2728	rBV2	2319091	4322131	5.81%	0.837%
52	19.510	2735	2741	2747	rVB	13078103	19065947	25.64%	3.691%
53	19.604	2753	2757	2761	rVB	1404557	1842296	2.48%	0.357%
54	19.733	2775	2779	2790	rVB2	2533532	5067078	6.81%	0.981%
55	19.839	2791	2797	2799	rVV3	4747667	8256709	11.10%	1.599%
56	19.880	2799	2804	2809	rVV	18182081	30016796	40.37%	5.812%
57	19.933	2810	2813	2819	rVB2	821414	1314836	1.77%	0.255%
58	20.045	2828	2832	2837	rBV	1148513	1474556	1.98%	0.285%
59	20.115	2838	2844	2849	rVB	7024863	10053297	13.52%	1.946%
60	20.198	2851	2858	2863	rBV4	1411465	3286474	4.42%	0.636%
61	20.351	2873	2884	2889	rBV4	4104556	11846806	15.93%	2.294%
62	20.404	2890	2893	2897	rBV	1768564	2274859	3.06%	0.440%
63	20.457	2898	2902	2905	rBV	2772530	3462855	4.66%	0.670%
64	20.515	2905	2912	2916	rVV3	3503795	6083135	8.18%	1.178%
65	20.551	2916	2918	2922	rVB2	619834	725298	0.98%	0.140%
66	20.657	2932	2936	2940	rBV	3323027	4398321	5.91%	0.852%
67	20.704	2940	2944	2951	rVB	2289858	3202012	4.31%	0.620%
68	20.774	2953	2956	2960	rBV	994019	1378996	1.85%	0.267%
69	20.851	2966	2969	2974	rVB3	946446	1285608	1.73%	0.249%
70	21.015	2994	2997	3001	rVB3	910396	1127439	1.52%	0.218%
71	21.062	3001	3005	3008	rBV2	956112	1510778	2.03%	0.293%
72	21.104	3008	3012	3018	rVB2	1950914	3094508	4.16%	0.599%
73	21.268	3037	3040	3043	rBV	2144857	2813670	3.78%	0.545%
74	21.309	3043	3047	3050	rVV	3425427	4242456	5.71%	0.821%
75	21.351	3050	3054	3058	rVB2	5439473	6938560	9.33%	1.343%
76	21.504	3074	3080	3087	rBV2	1763438	3741124	5.03%	0.724%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

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

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

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

77	21.615	3095	3099	3103	rBV2	6277355	10196079	13.71%	1.974%
78	21.674	3103	3109	3114	rVB	10916234	21573665	29.01%	4.177%
79	21.756	3120	3123	3126	rBV3	917981	1286922	1.73%	0.249%
80	21.798	3126	3130	3136	rVB	2699713	4240386	5.70%	0.821%
81	21.909	3146	3149	3153	rVB2	2029686	2611167	3.51%	0.506%
82	21.962	3153	3158	3163	rVV2	2664038	4177608	5.62%	0.809%
83	22.015	3163	3167	3175	rVB3	1112001	2004813	2.70%	0.388%
84	22.156	3187	3191	3195	rBV2	1740061	2857554	3.84%	0.553%
85	22.221	3195	3202	3206	rVB2	1818322	4353387	5.85%	0.843%
86	22.392	3228	3231	3234	rBV2	659314	779721	1.05%	0.151%
87	22.439	3235	3239	3243	rBV	1587975	2654434	3.57%	0.514%
88	22.545	3253	3257	3261	rVB2	1058320	1610786	2.17%	0.312%
89	22.751	3288	3292	3298	rBV2	1549948	2682968	3.61%	0.519%
90	23.080	3341	3348	3360	rVB2	1858995	4813343	6.47%	0.932%
91	23.221	3368	3372	3376	rVB2	876277	1388947	1.87%	0.269%
92	23.380	3389	3399	3404	rBV	12396932	38142615	51.29%	7.385%
93	23.556	3423	3429	3435	rBV	2795537	4980797	6.70%	0.964%
94	23.703	3449	3454	3463	rBV3	963276	2584391	3.48%	0.500%
95	23.915	3482	3490	3496	rBV	7317126	16972255	22.82%	3.286%
96	24.027	3502	3509	3515	rVB	8418602	17377780	23.37%	3.365%
97	24.121	3522	3525	3529	rBV	673285	1156592	1.56%	0.224%
98	24.186	3530	3536	3544	rVB2	3622616	8321054	11.19%	1.611%
99	26.738	3958	3970	3975	rBV	3924890	14287067	19.21%	2.766%
100	27.538	4097	4106	4118	rVB	2185434	7112464	9.56%	1.377%

Sum of corrected areas: 516490782

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
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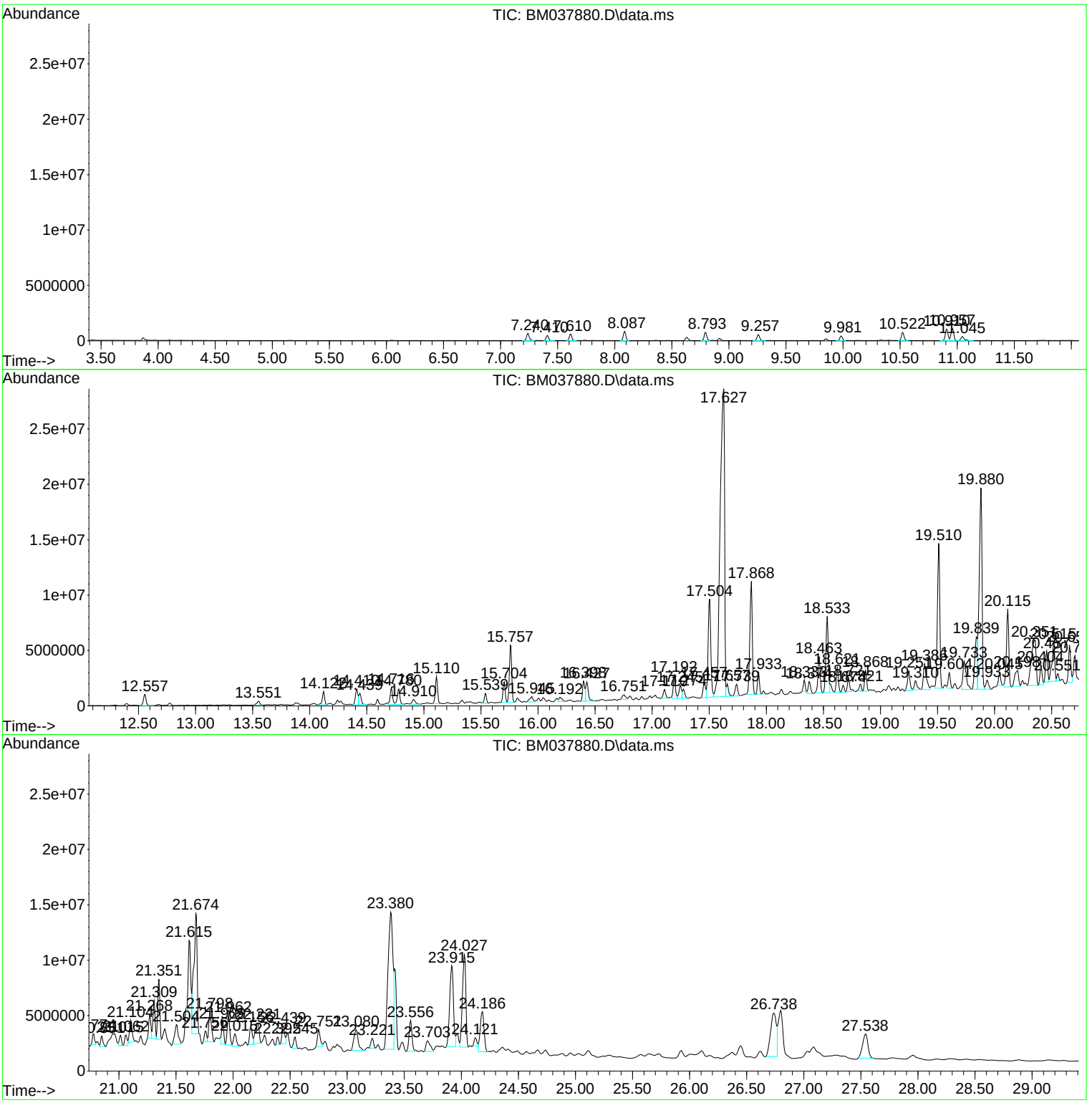
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

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

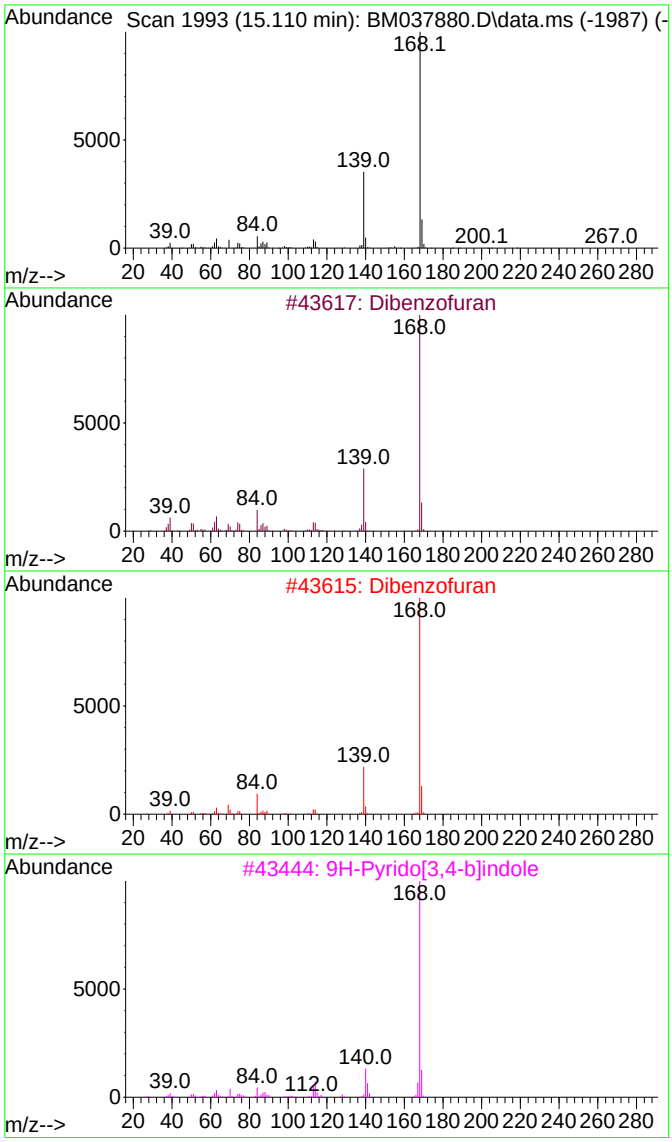
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

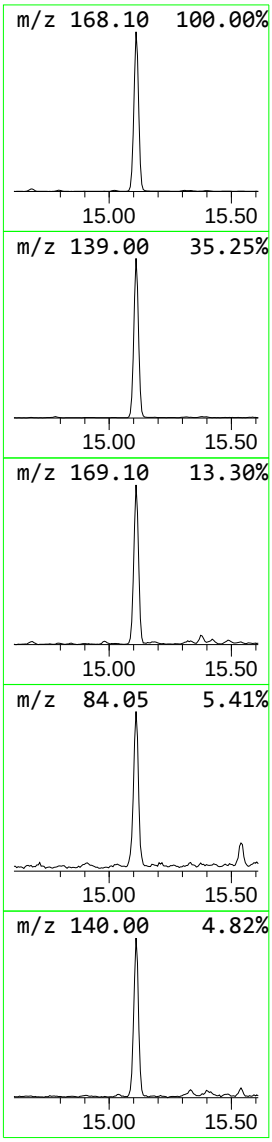
****

Peak Number 2 Dibenzo furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	30.21 ng/ul	3403590	Acenaphthene-d10	14.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	74
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	72
4	Dibenzofuran	168	C12H8O	000132-64-9	72
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

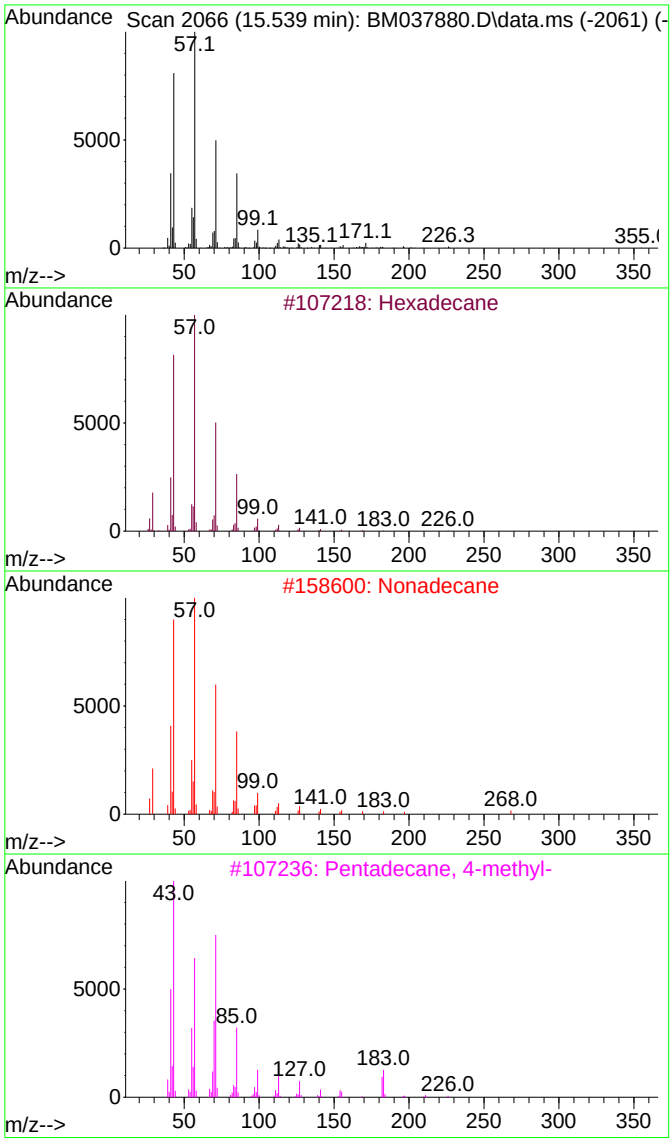
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

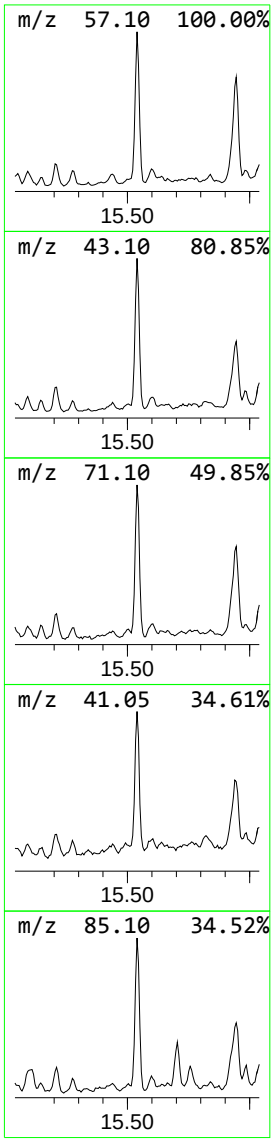
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.539	9.55 ng/ul	1075510	Acenaphthene-d10	14.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	86
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	83
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
5	Hexadecane	226	C16H34	000544-76-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

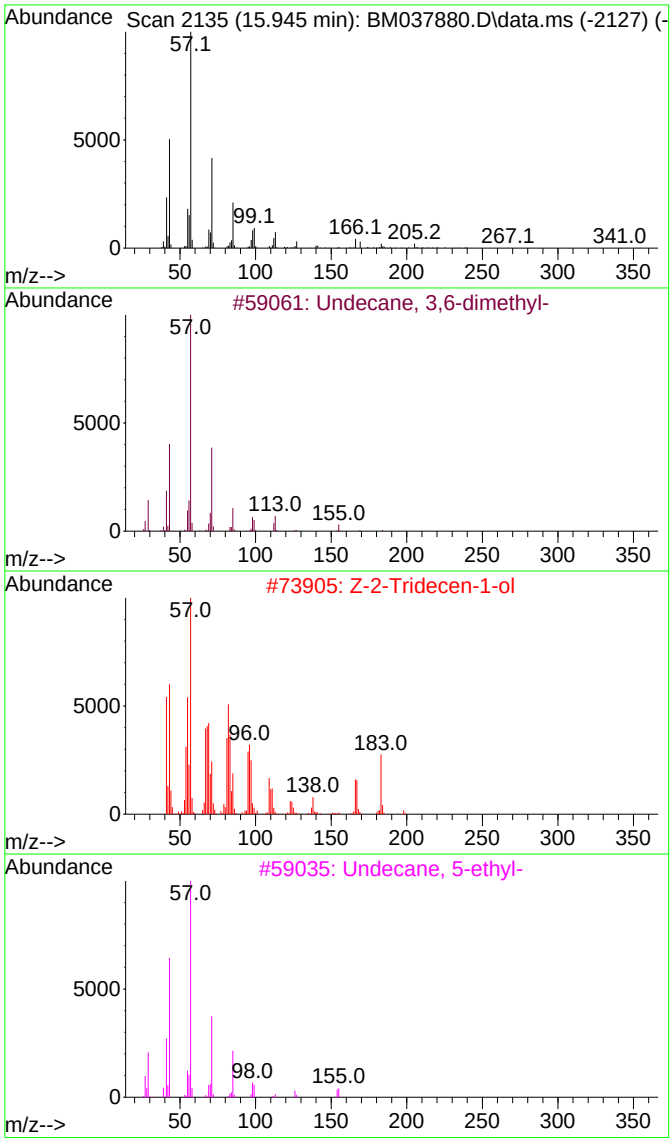
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

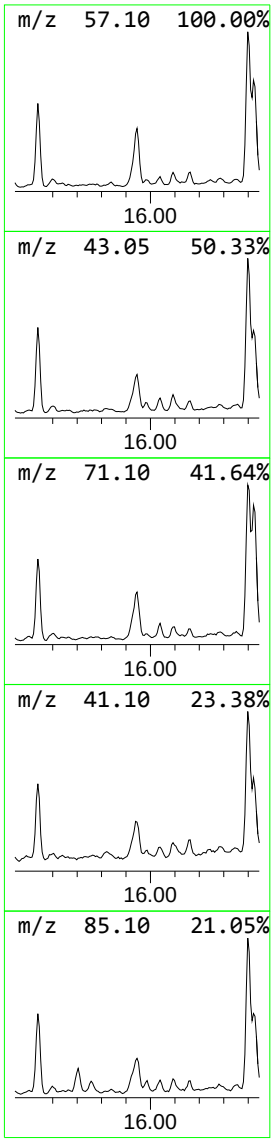
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.945	9.48 ng/ul	1067740	Acenaphthene-d10	14.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
2	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	80
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

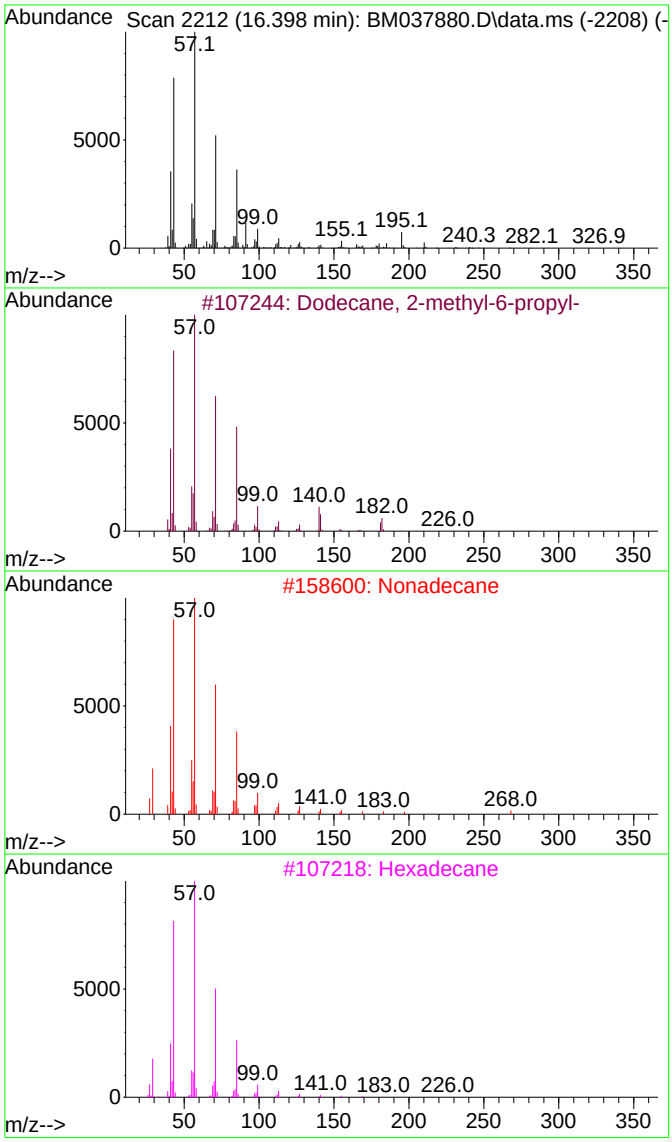
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

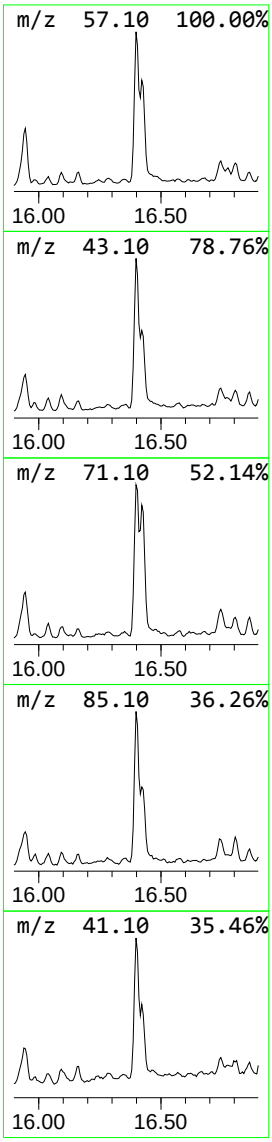
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	22.22 ng/ul	2670940	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	89
2	Nonadecane	268	C19H40	000629-92-5	74
3	Hexadecane	226	C16H34	000544-76-3	74
4	Heneicosane	296	C21H44	000629-94-7	72
5	Heneicosane	296	C21H44	000629-94-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

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

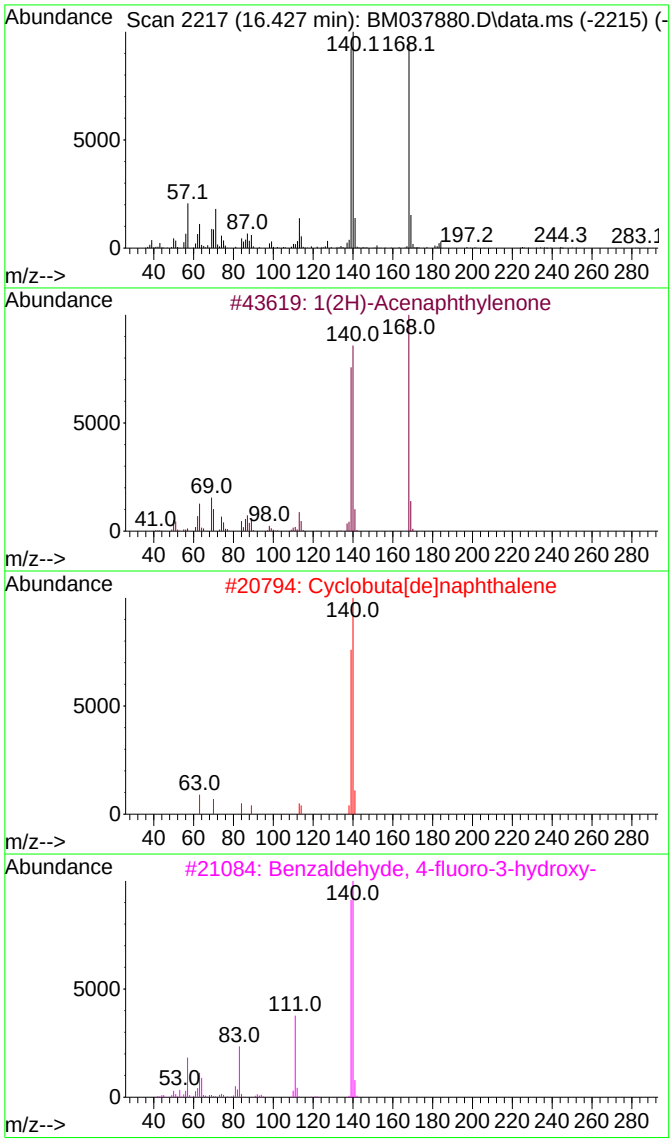
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

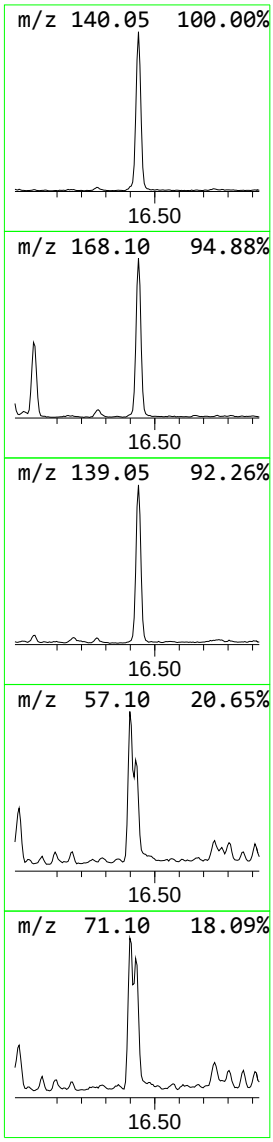
****

Peak Number 7 1(2H)-Acenaphthylenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.427	19.94 ng/ul	2396650	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	58
3	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	47
4	Hexahydro-3-(1-methylpropyl)pyrr...	224	C12H20N2O2	1010505-79-2	47
5	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	47





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Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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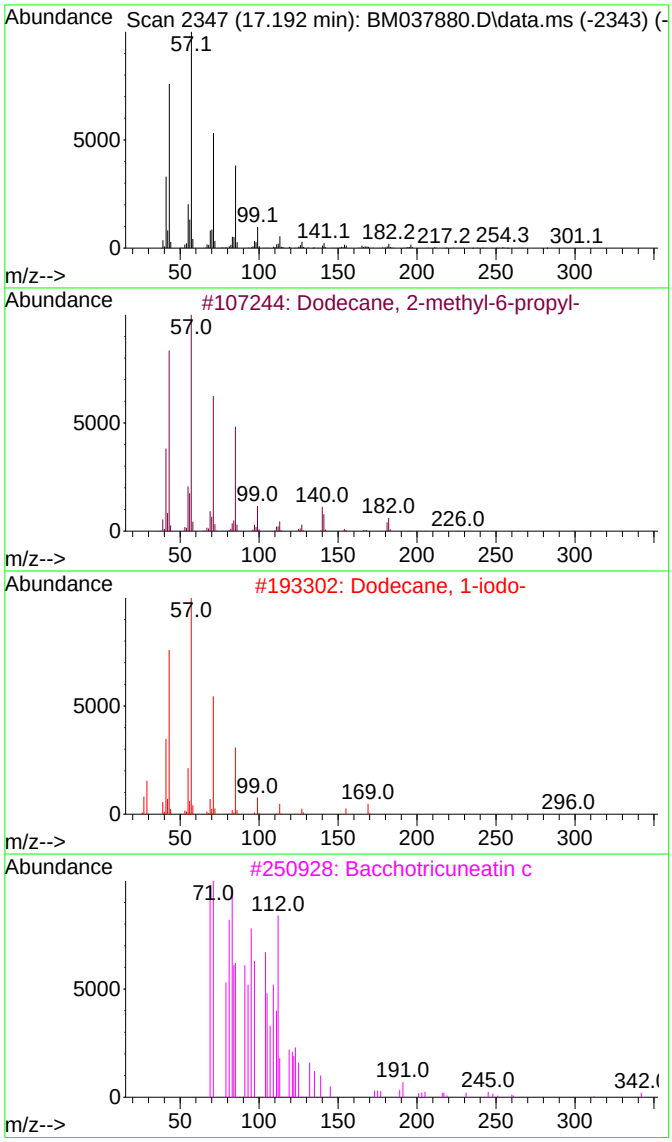
Quant Title : SVOA CALIBRATION

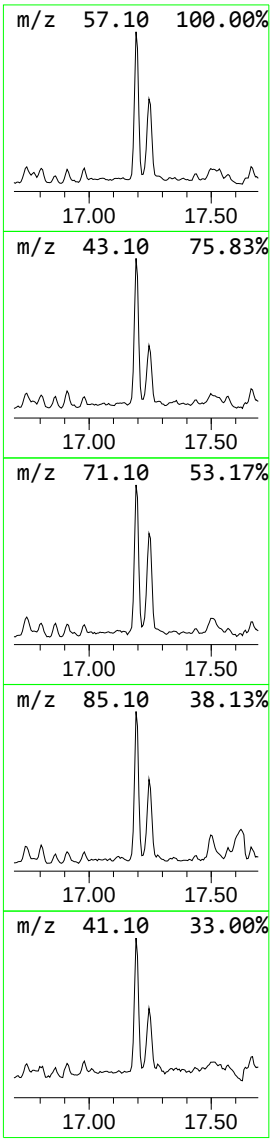
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.192	23.23 ng/ul	2792600	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	81
4	Hexadecane	226	C16H34	000544-76-3	72
5	Heneicosane	296	C21H44	000629-94-7	72





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Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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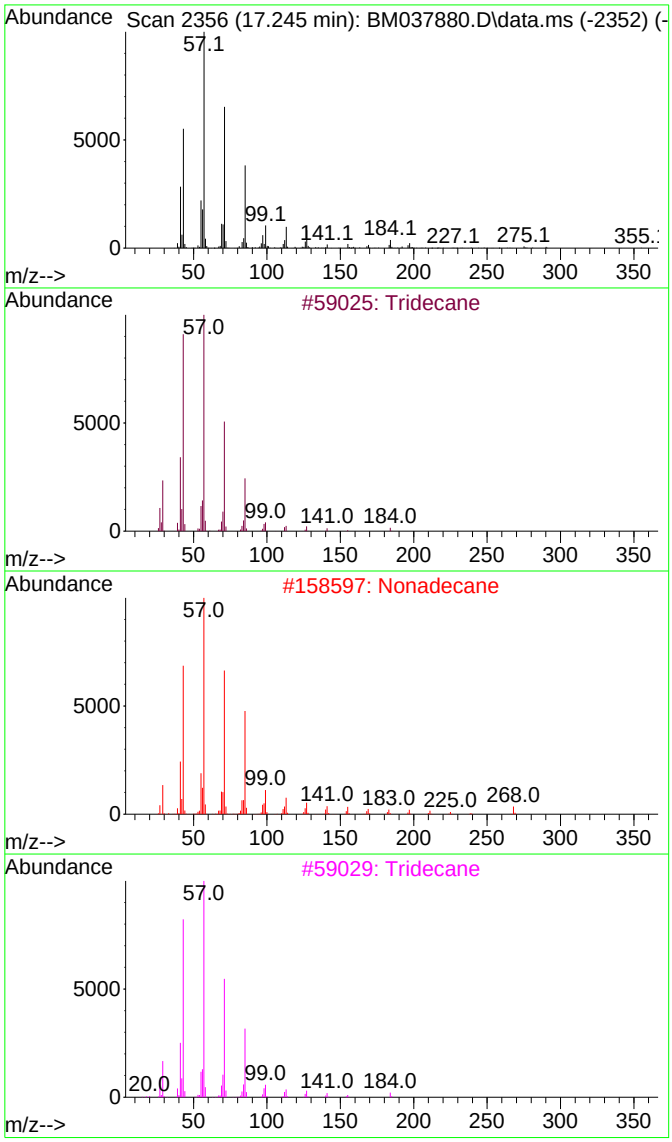
Quant Title : SVOA CALIBRATION

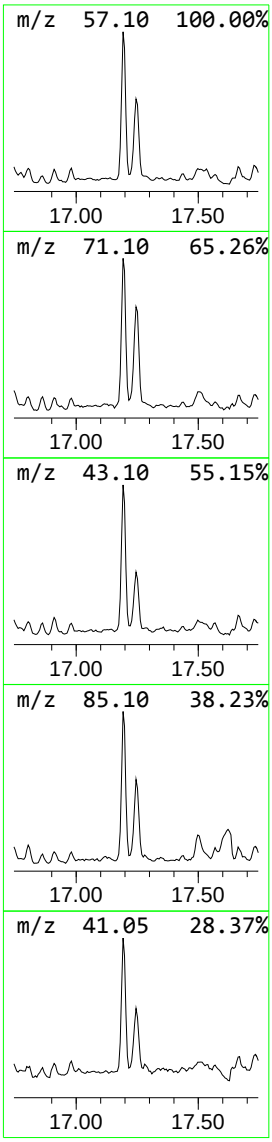
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	15.40 ng/ul	1851370	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tridecane	184	C13H28	000629-50-5	87
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	Heptacosane	380	C27H56	000593-49-7	86





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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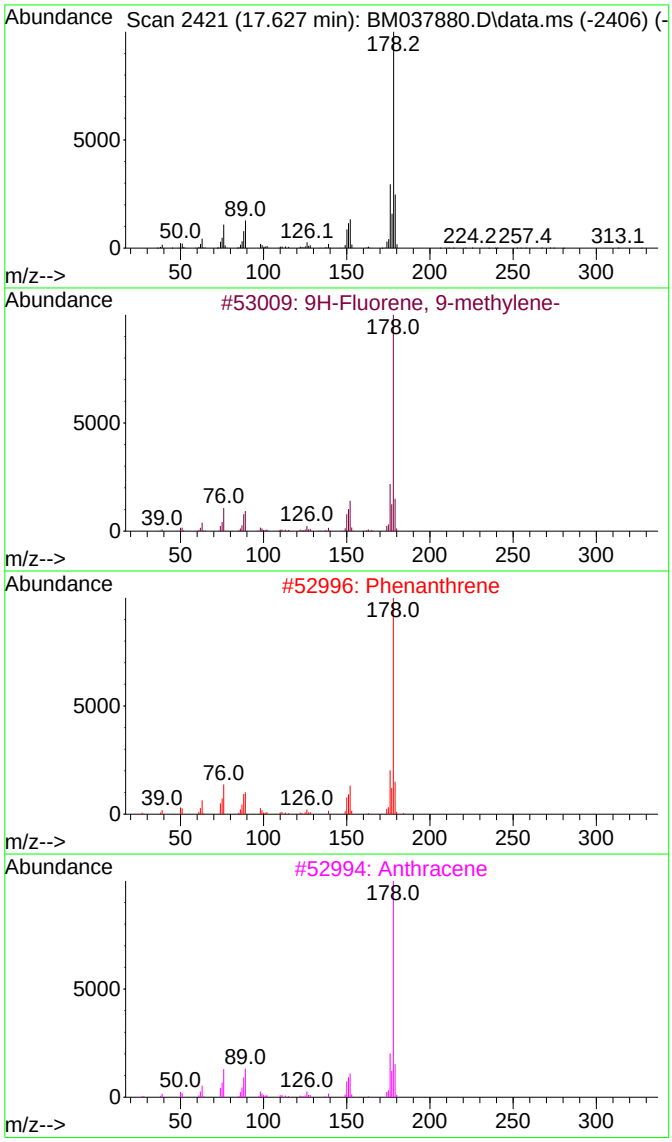
Quant Title : SVOA CALIBRATION

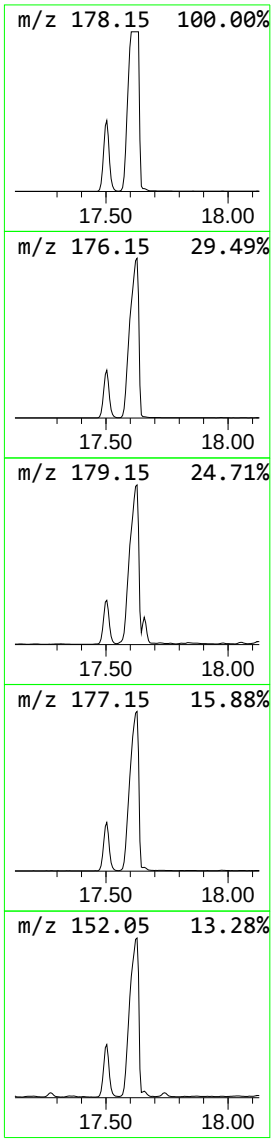
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9H-Fluorene, 9-methylene- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.627	618.53 ng/ul	74359700	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	96
2	Phenanthrene	178	C14H10	000085-01-8	95
3	Anthracene	178	C14H10	000120-12-7	95
4	Phenanthrene	178	C14H10	000085-01-8	95
5	2-Biphenylylacetylene	178	C14H10	052889-62-0	93





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ALS Vial : 6 Sample Multiplier: 1

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

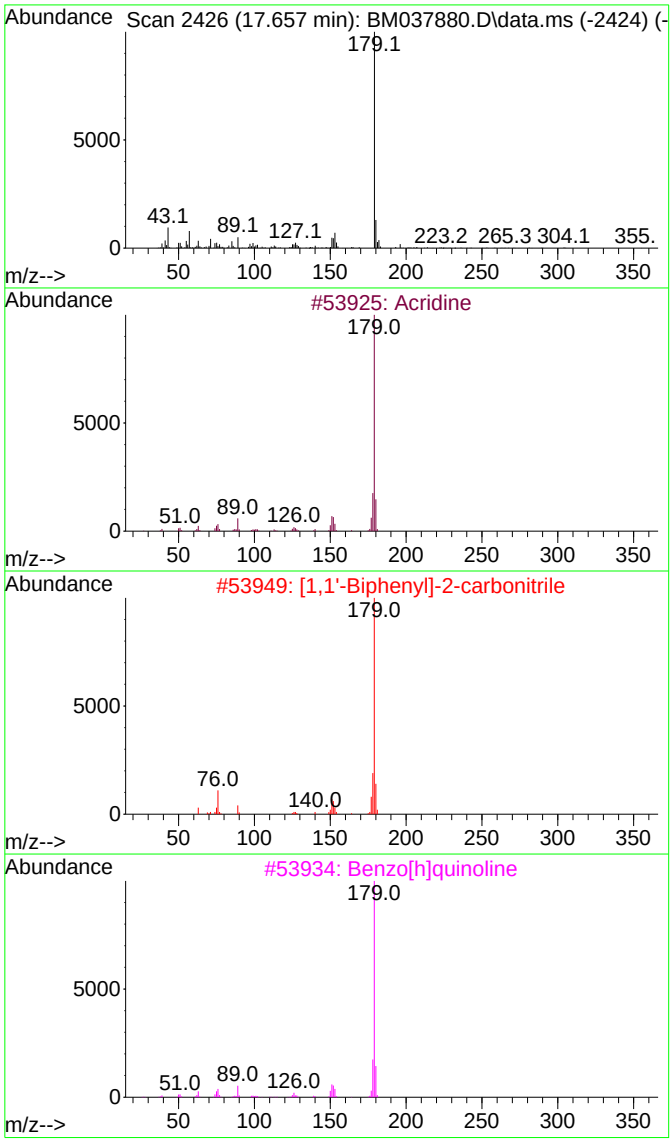
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

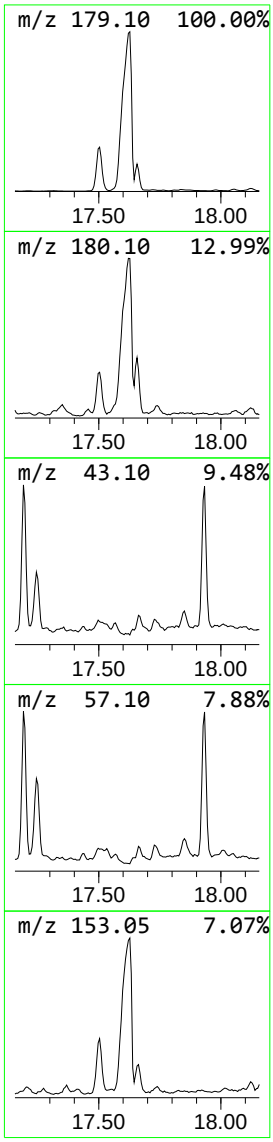
****

Peak Number 13 Acridine Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.657	12.32 ng/ul	1480890	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	80
2	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	80
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	80
4	Acridine	179	C13H9N	000260-94-6	72
5	Pyridine, 2-(phenylethynyl)-	179	C13H9N	013141-42-9	72





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Quant Title : SVOA CALIBRATION

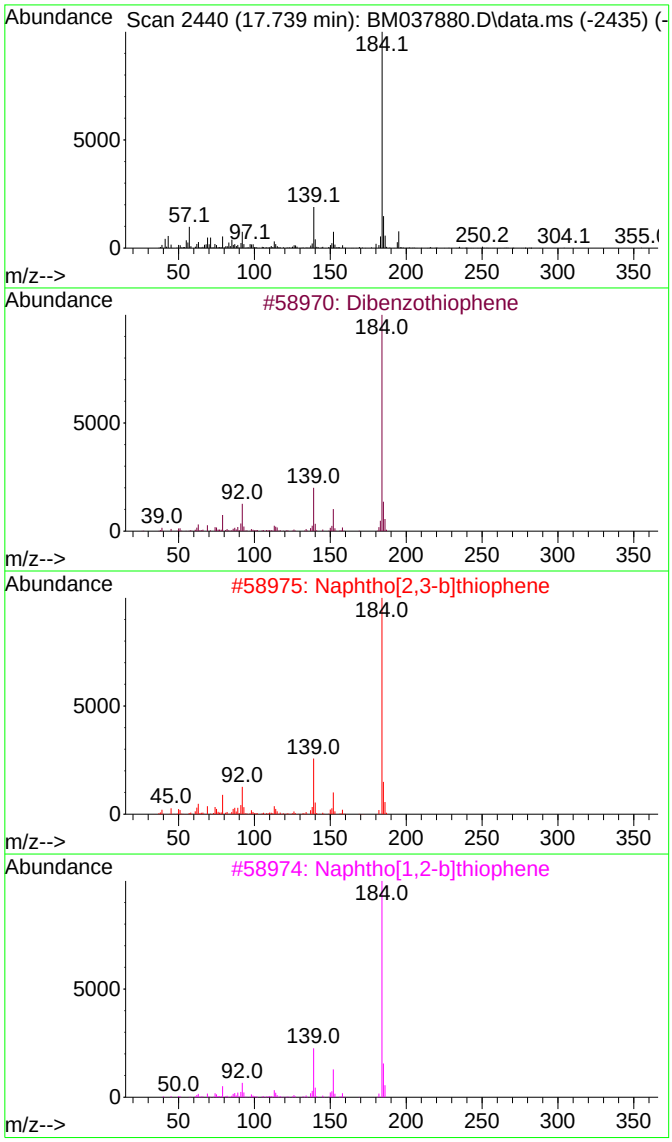
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

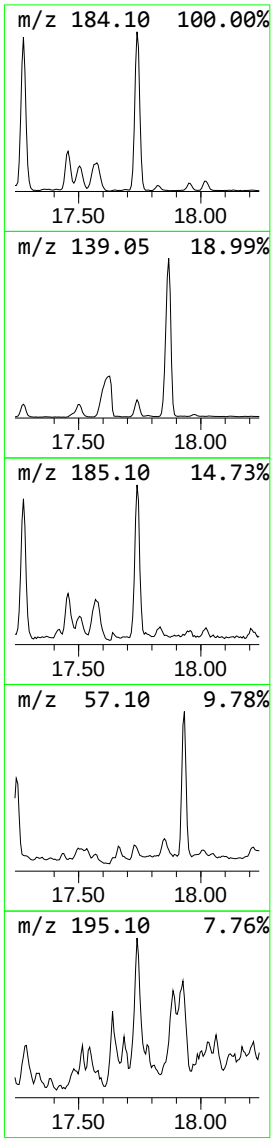
****

Peak Number 14 Dibenzothiophene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.739	13.90 ng/ul	1671630	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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ClientSampleId :
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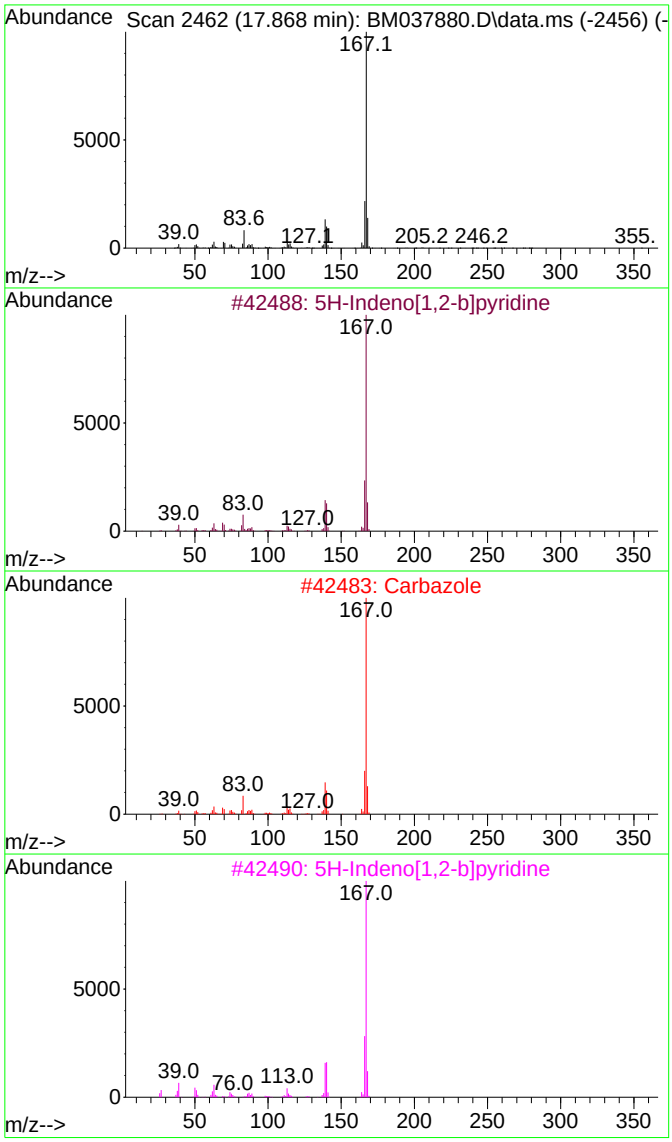
Quant Title : SVOA CALIBRATION

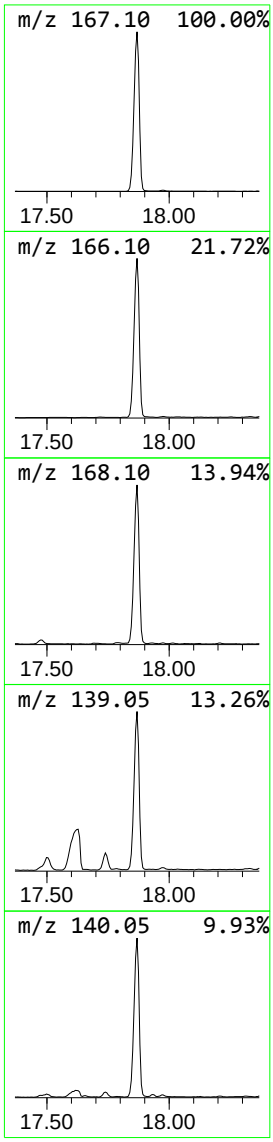
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 5H-Indeno[1,2-b]pyridine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.869	126.34 ng/ul	15188600	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	97
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	91
5	Carbazole	167	C12H9N	000086-74-8	90





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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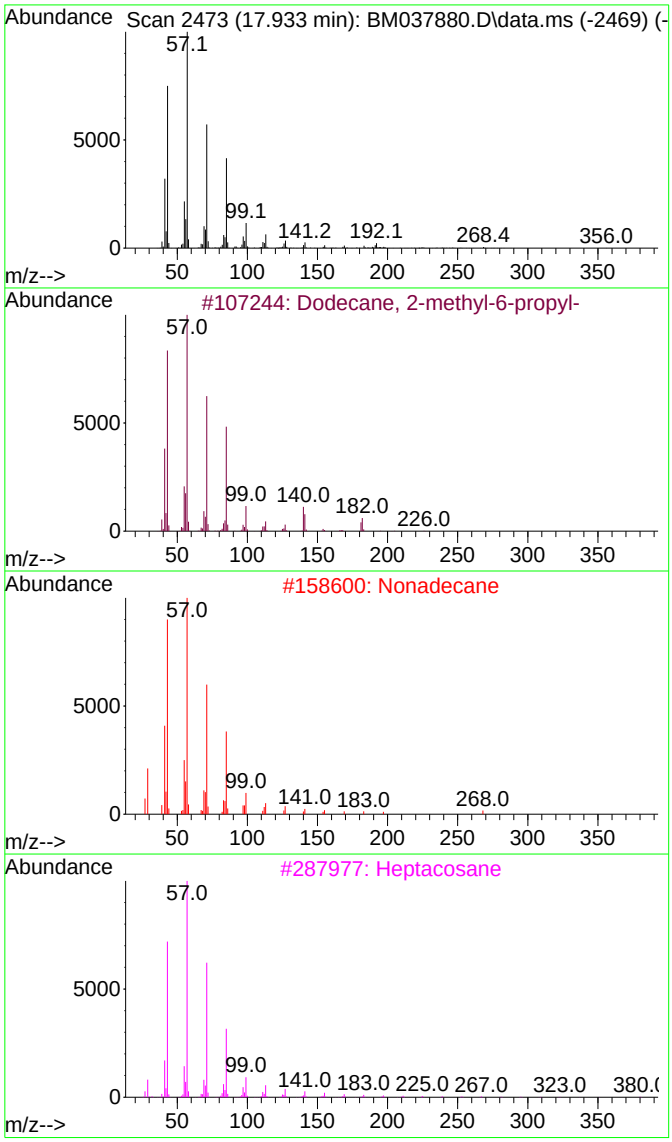
Quant Title : SVOA CALIBRATION

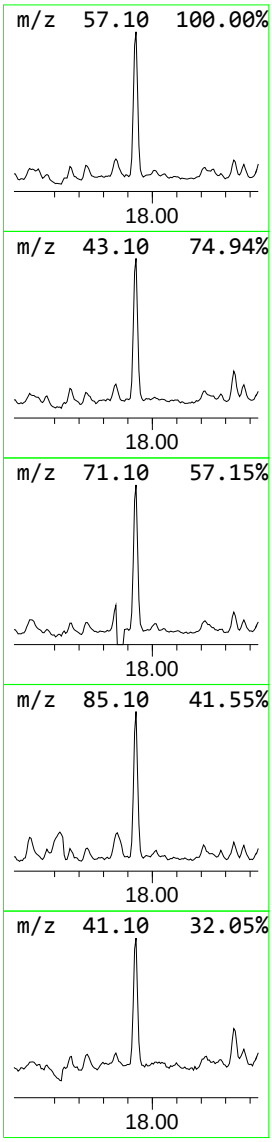
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	18.81 ng/ul	2260740	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	90





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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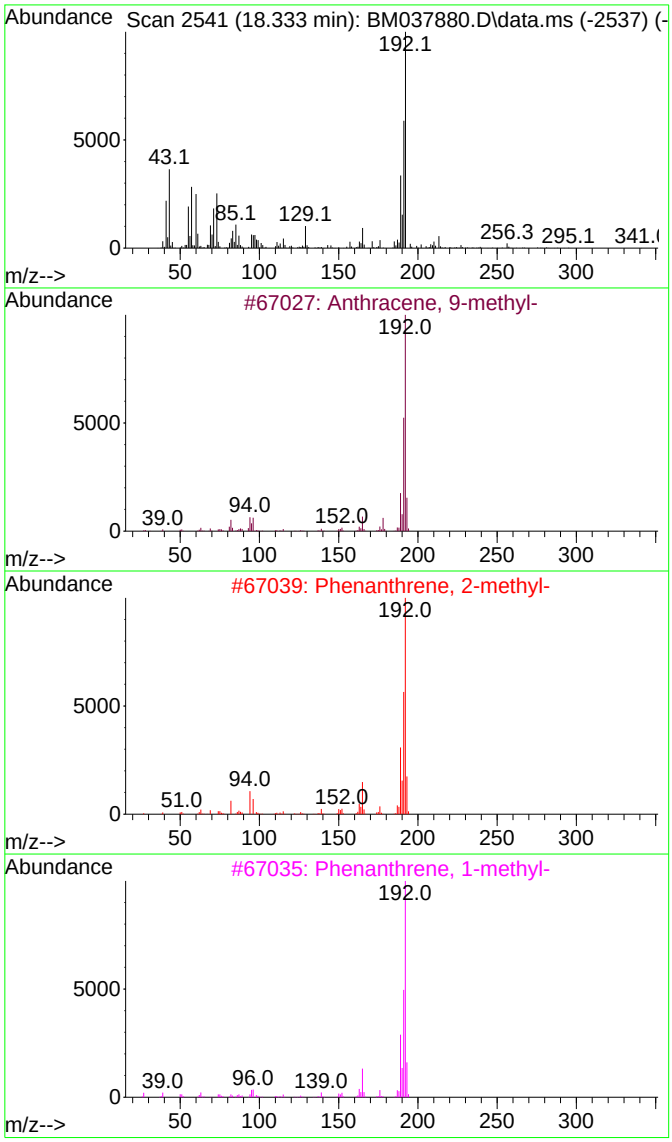
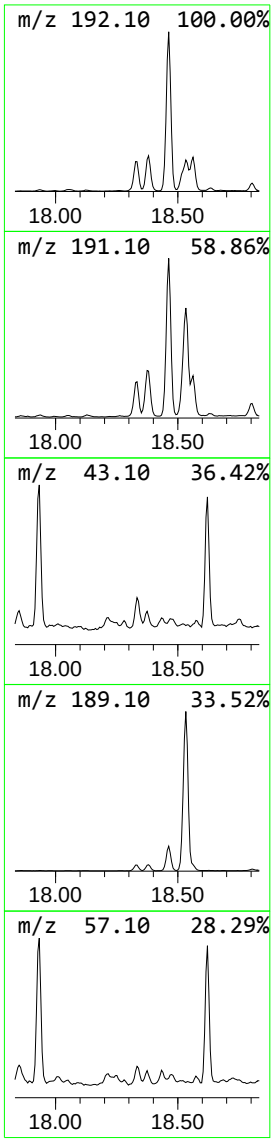
Peak Number 17 Anthracene, 9-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	10.63 ng/ul	1277340	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	53
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	50





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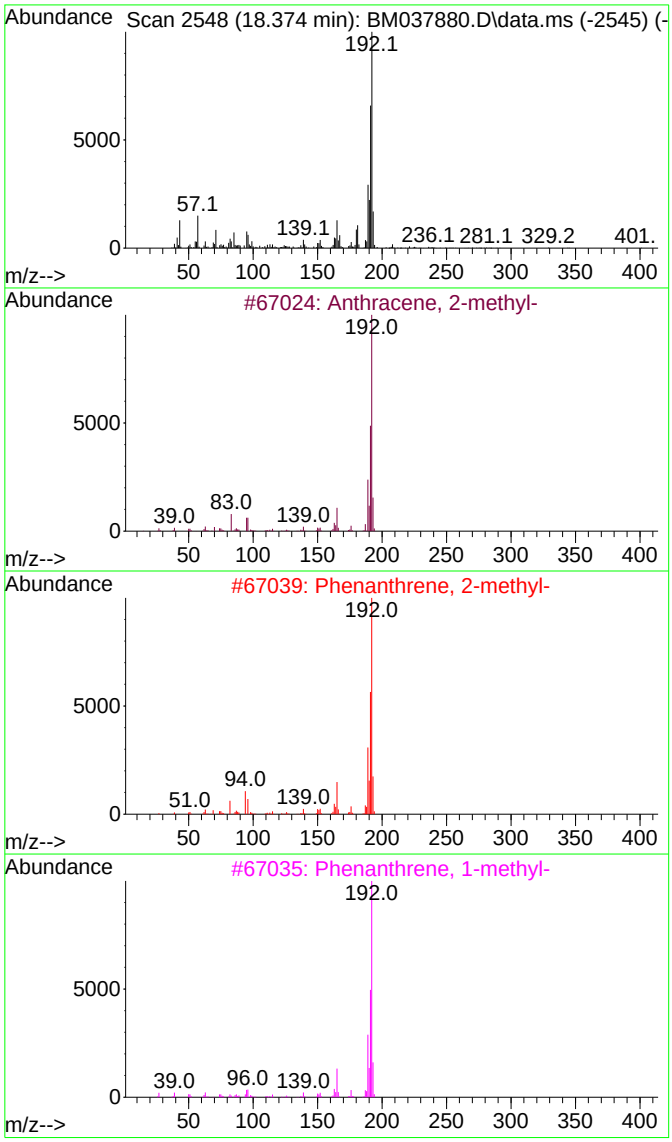
Quant Title : SVOA CALIBRATION

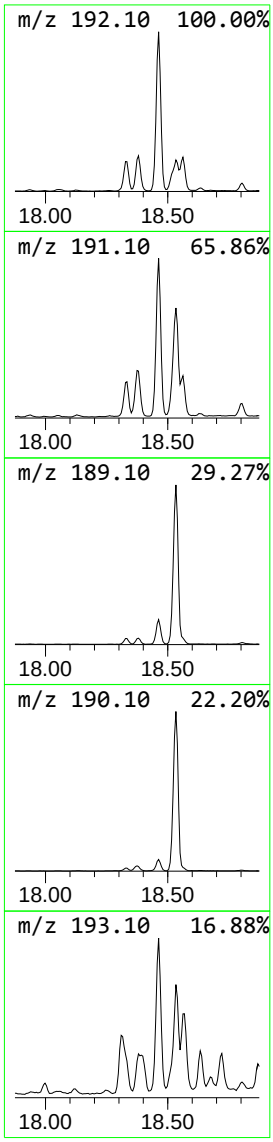
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Anthracene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	13.40 ng/ul	1610860	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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ALS Vial : 6 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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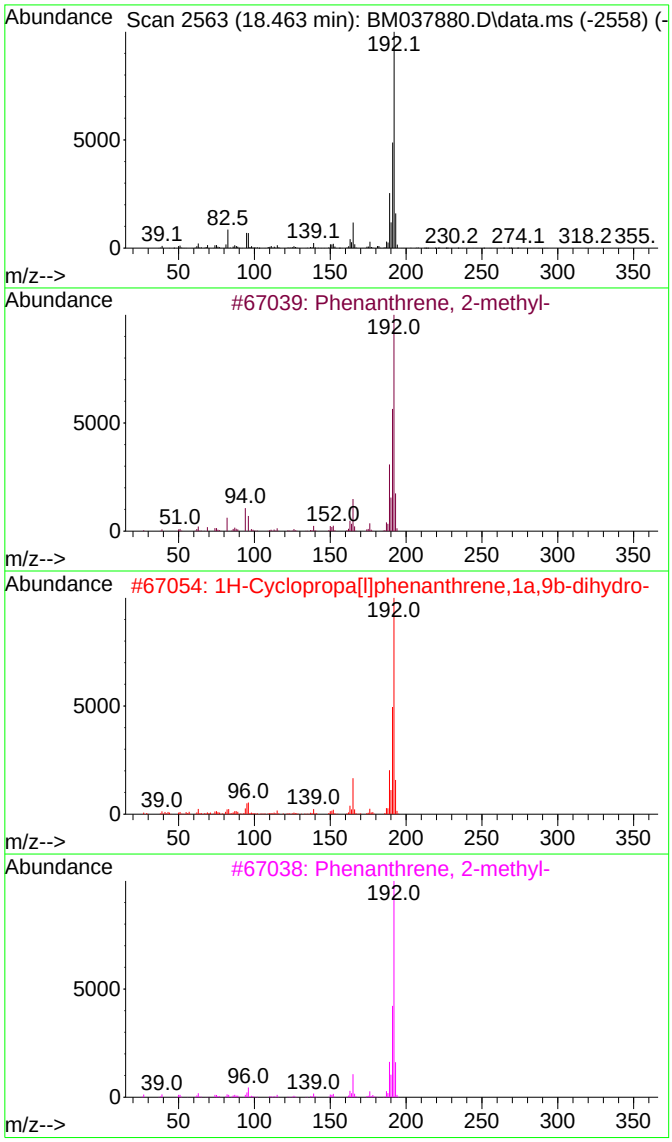
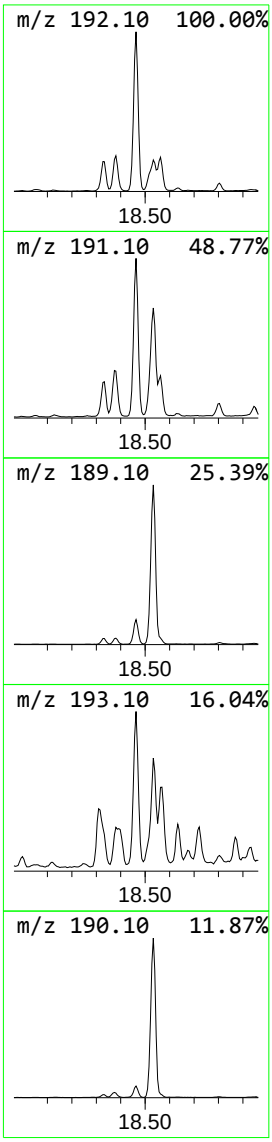
Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	36.44 ng/ul	4380610	Phenanthrene-d10	17.457

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, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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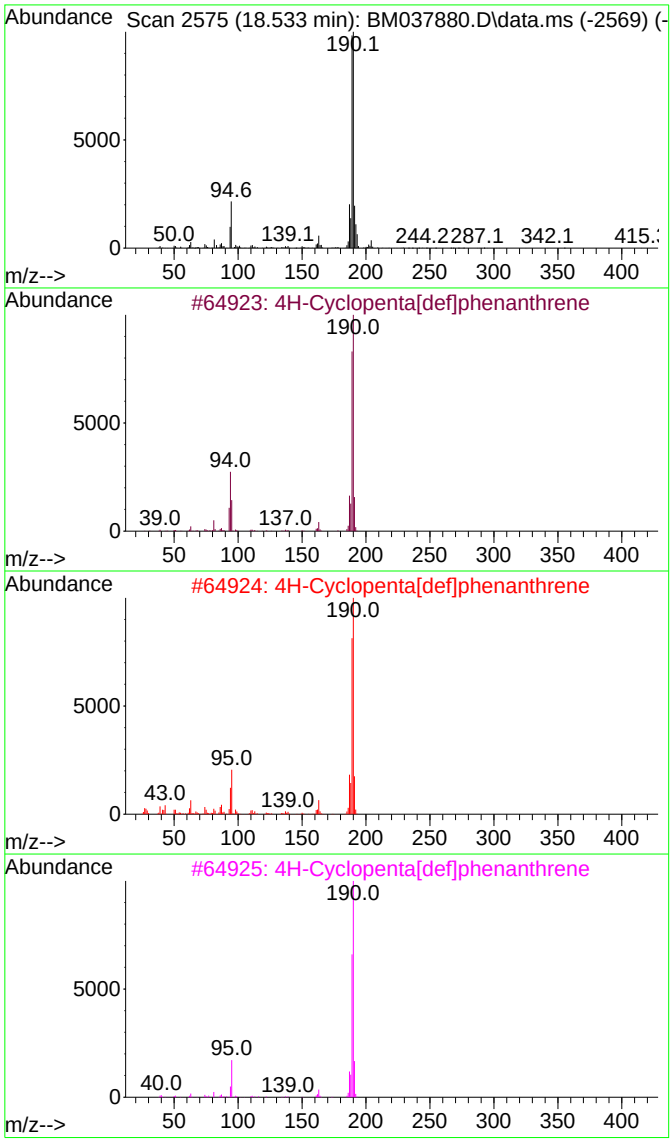
Quant Title : SVOA CALIBRATION

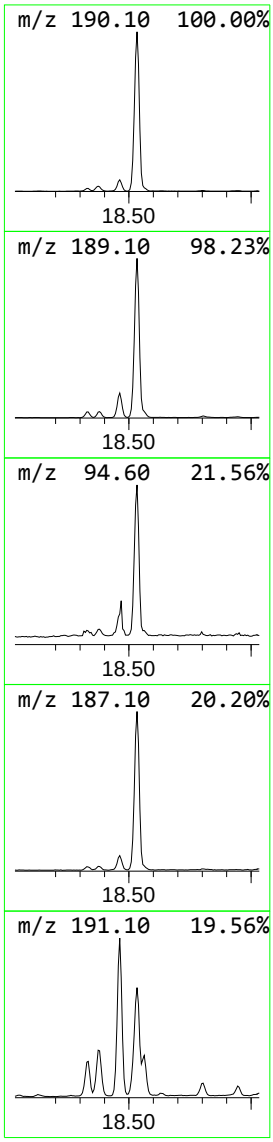
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	83.23 ng/ul	10005700	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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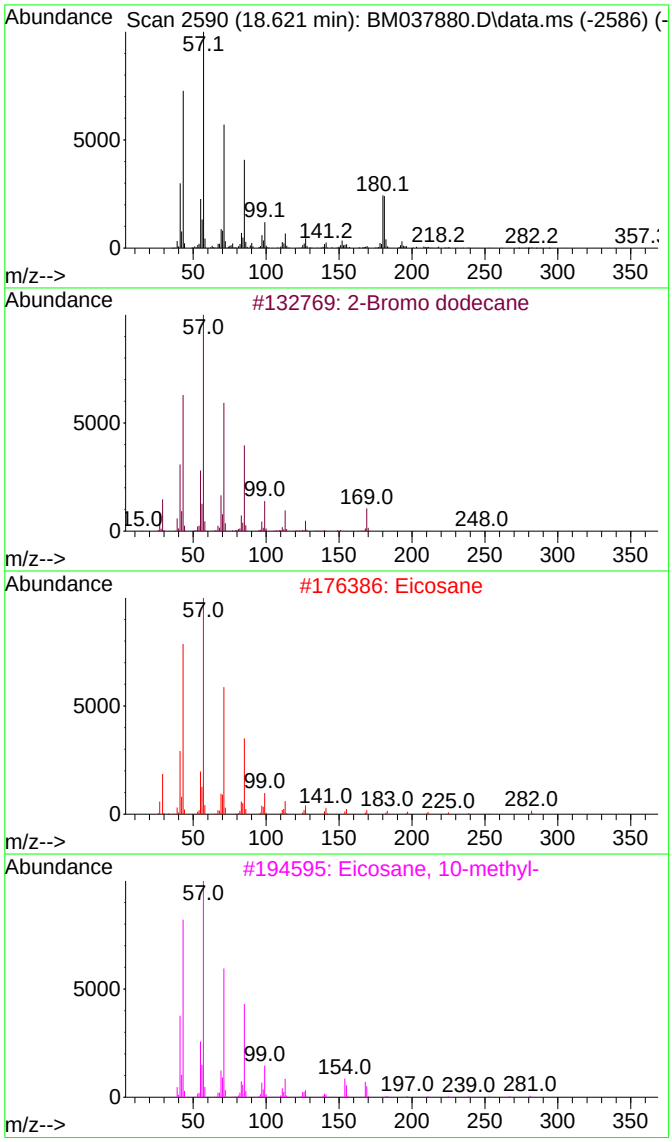
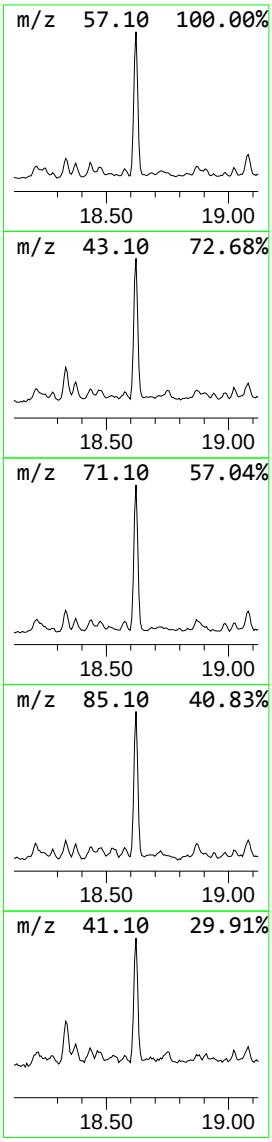
Peak Number 21 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.621	23.91 ng/ul	2874080	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
2	Eicosane	282	C20H42	000112-95-8	83
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
5	Hexadecane	226	C16H34	000544-76-3	52





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Sample : N5832-05
Misc :
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Quant Title : SVOA CALIBRATION

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

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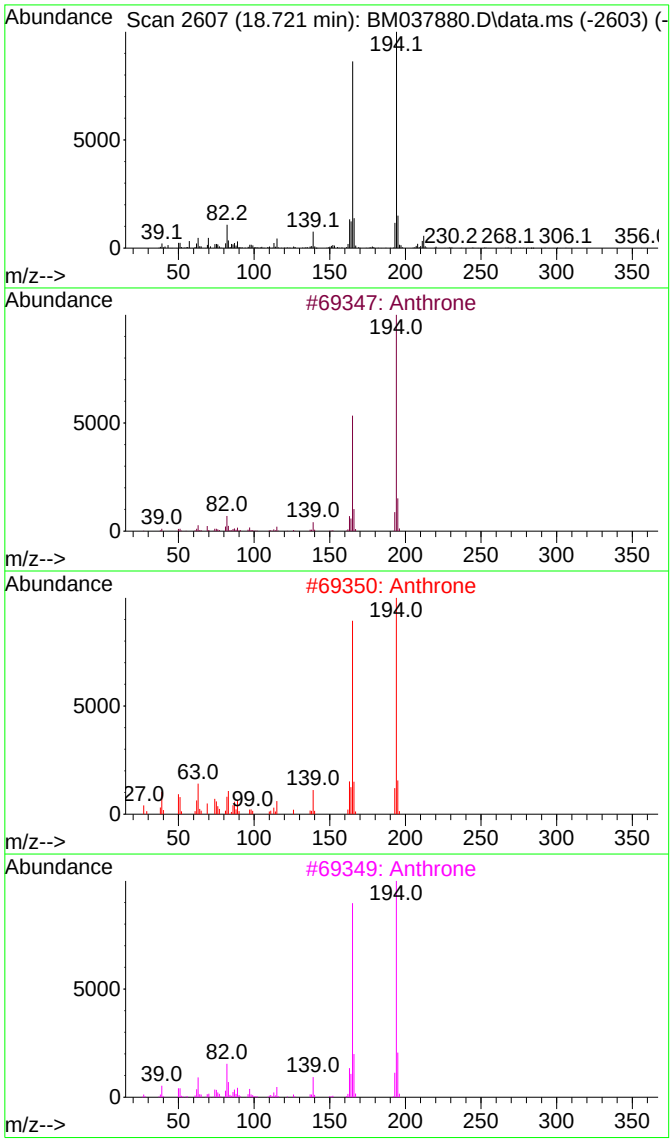
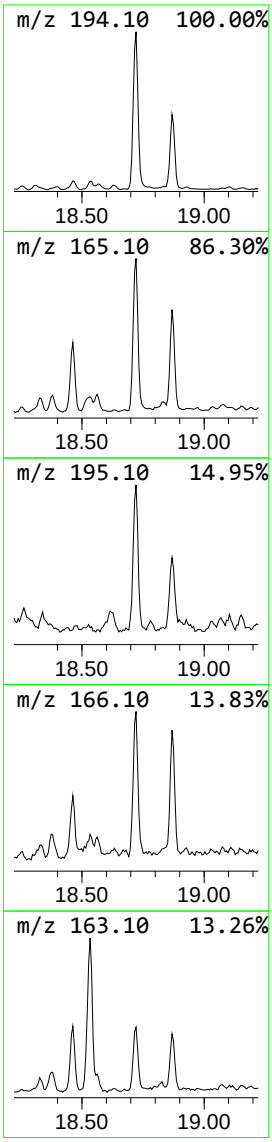
Peak Number 23 Anthrone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.721	13.32 ng/ul	1601600	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	97
2	Anthrone	194	C14H10O	000090-44-8	96
3	Anthrone	194	C14H10O	000090-44-8	94
4	Anthrone	194	C14H10O	000090-44-8	94
5	2-Phenanthrenol	194	C14H10O	000605-55-0	90





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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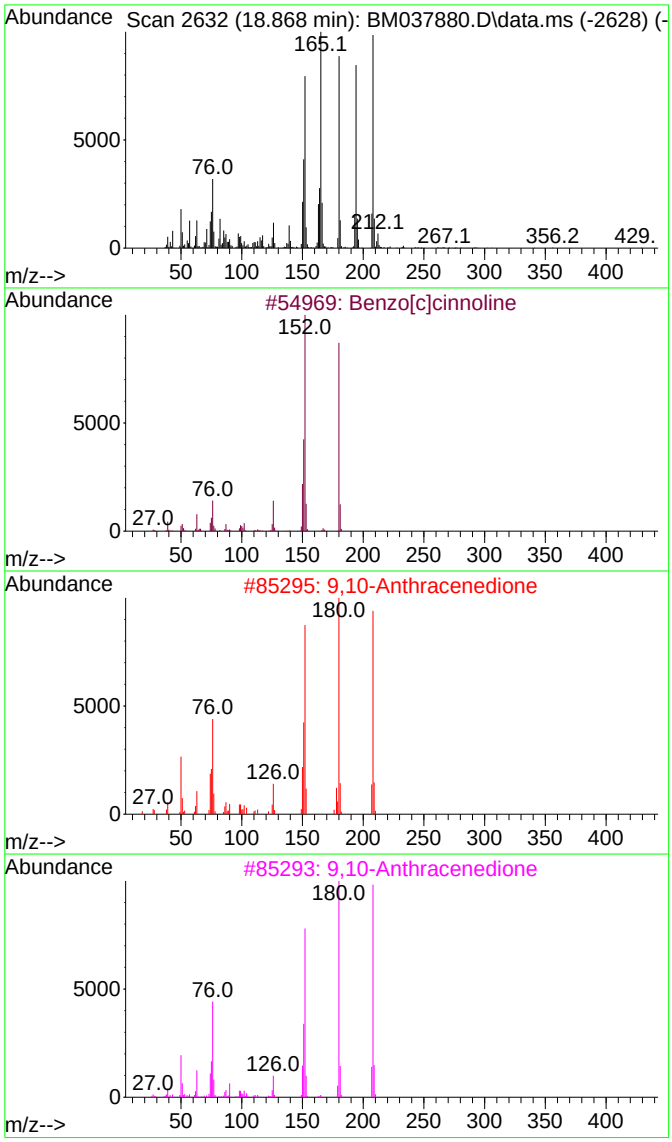
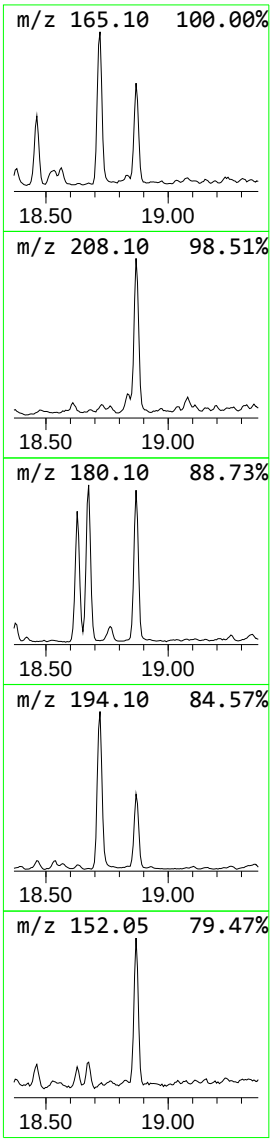
Peak Number 25 Benzo[c]cinnoline Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.868	19.98 ng/ul	2401750	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	74





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ClientSampleId :
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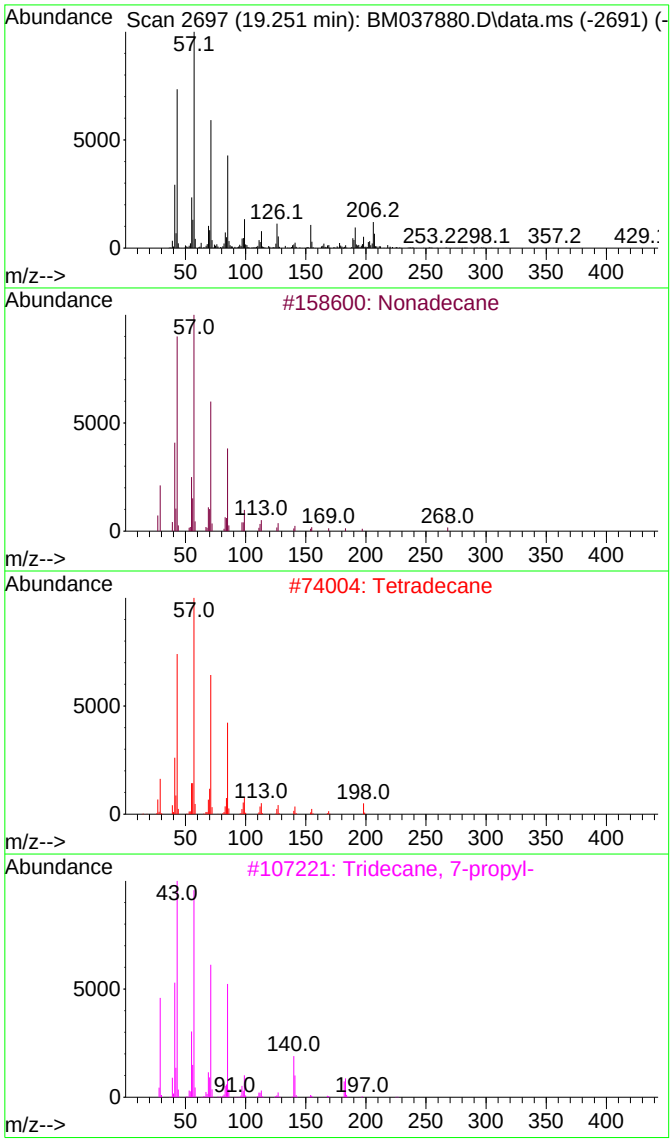
Quant Title : SVOA CALIBRATION

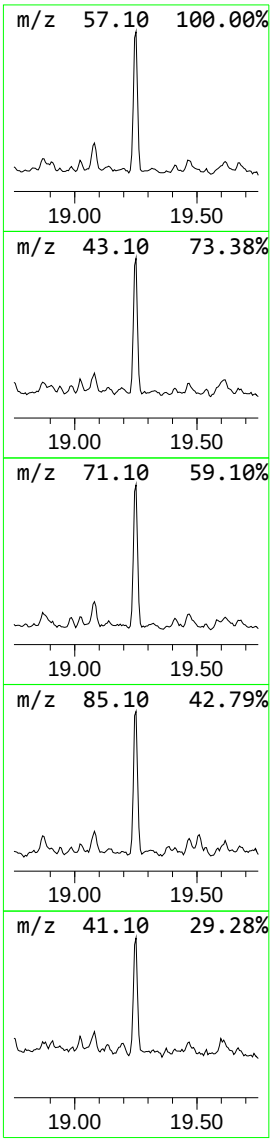
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.251	23.28 ng/ul	2799070	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	83
4	Tetradecane	198	C14H30	000629-59-4	70
5	Heptacosane	380	C27H56	000593-49-7	70





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ClientSampleId :
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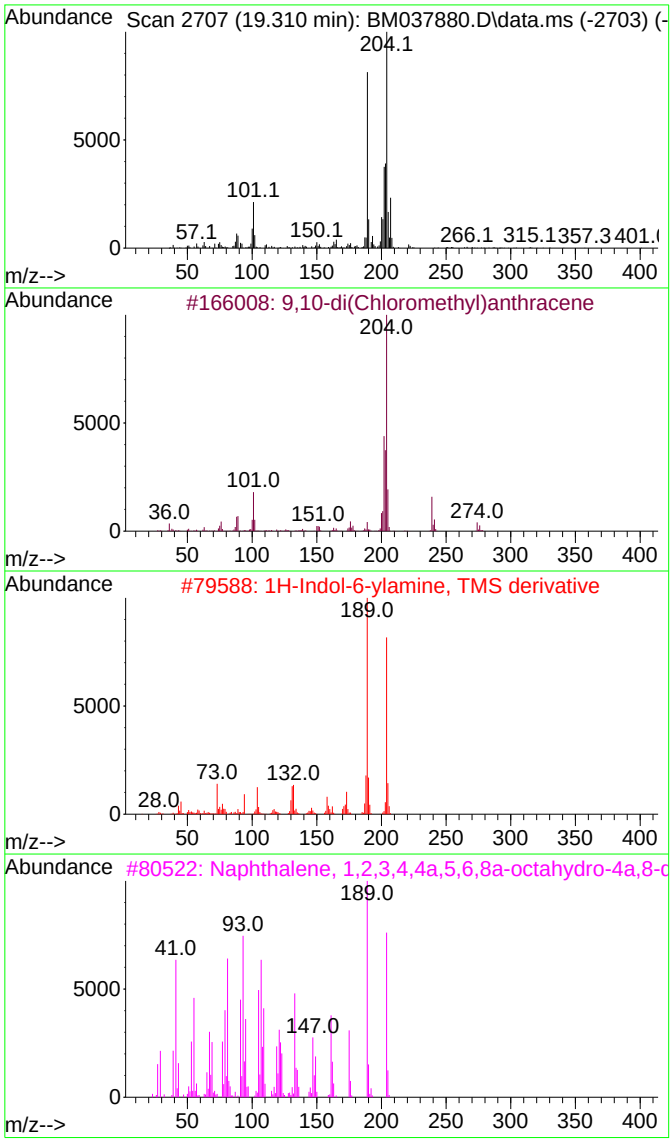
Quant Title : SVOA CALIBRATION

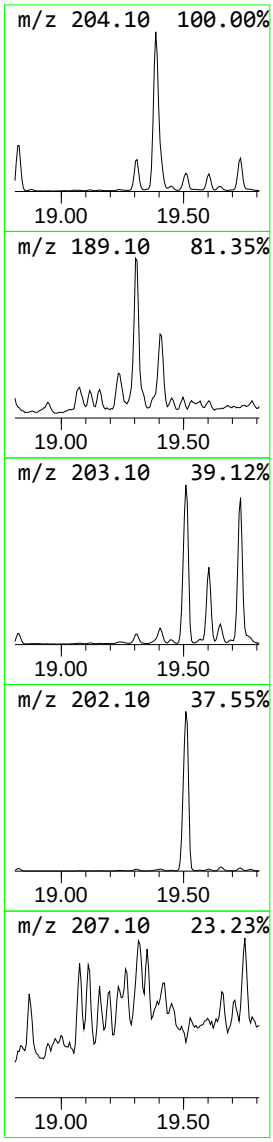
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 9,10-di(Chloromethyl)anthra... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.310	10.96 ng/ul	1317620	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	52
2	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	47
3	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	46
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46





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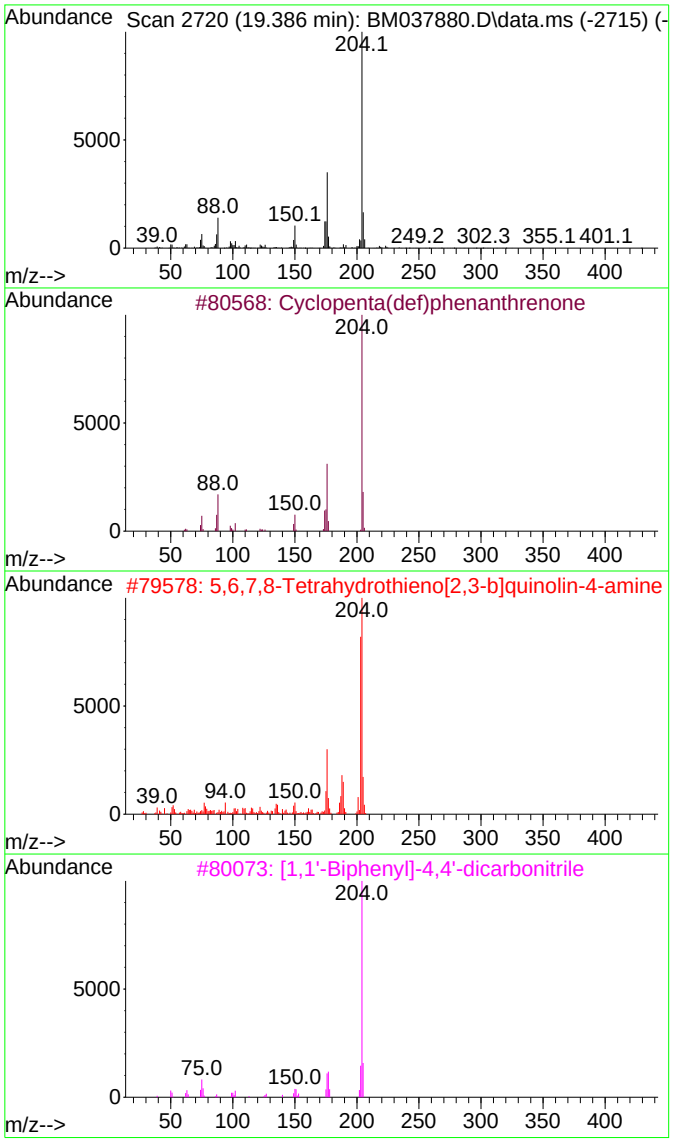
Quant Title : SVOA CALIBRATION

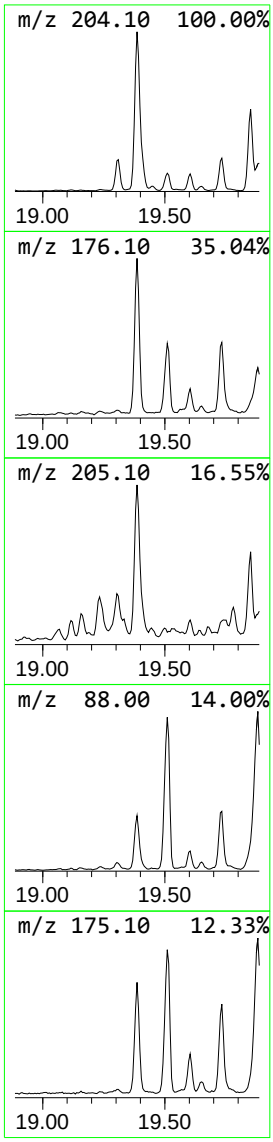
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	35.95 ng/ul	4322130	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
4	3H-pyrazol-3-one, 5-ethoxy-2,4-d...	204	C11H12N2O2	1000400-47-1	53
5	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53





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ClientSampleId :
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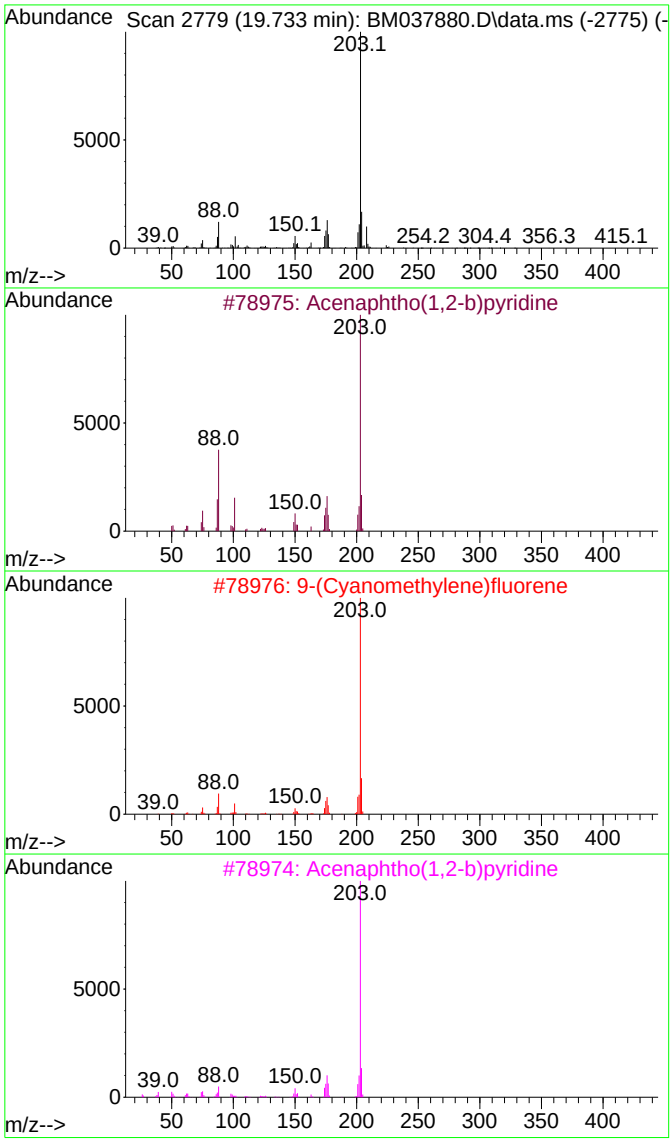
Quant Title : SVOA CALIBRATION

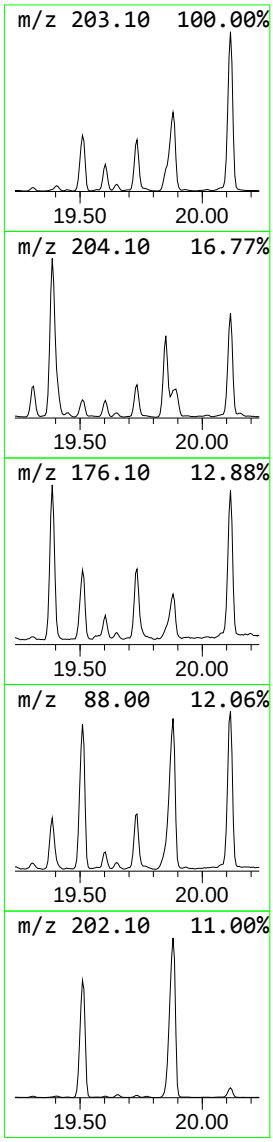
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Acenaphtho(1,2-b)pyridine Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.733	9.94 ng/ul	5067080	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95
2	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	95
3	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95
4	9-Cyanophenanthrene	203	C15H9N	002510-55-6	94
5	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	94





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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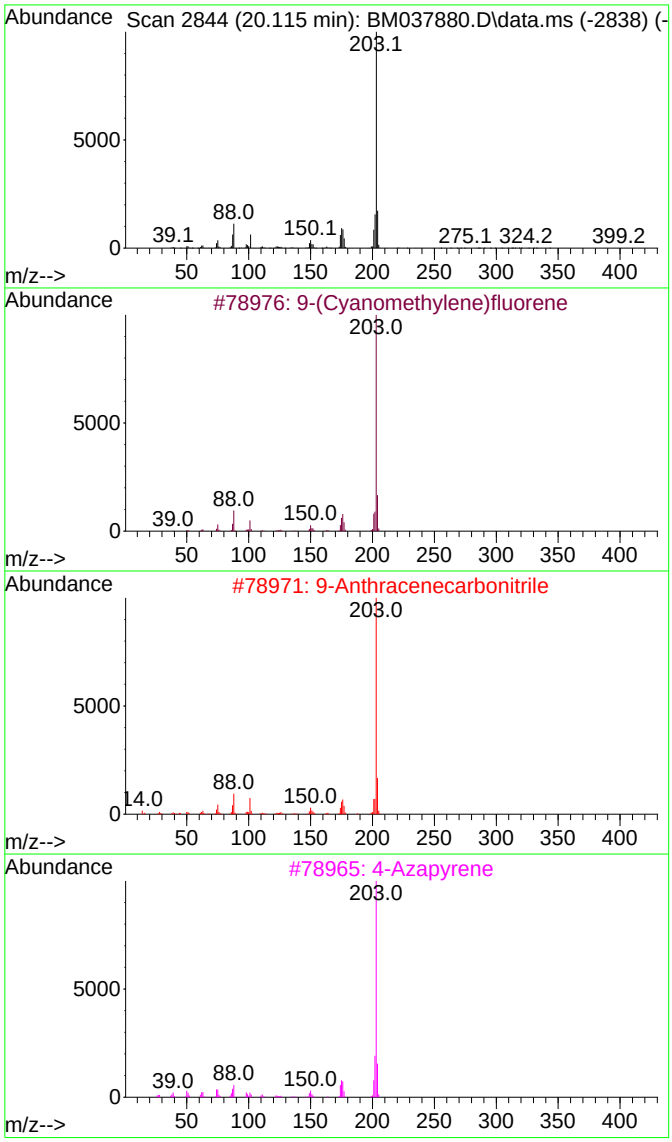
Quant Title : SVOA CALIBRATION

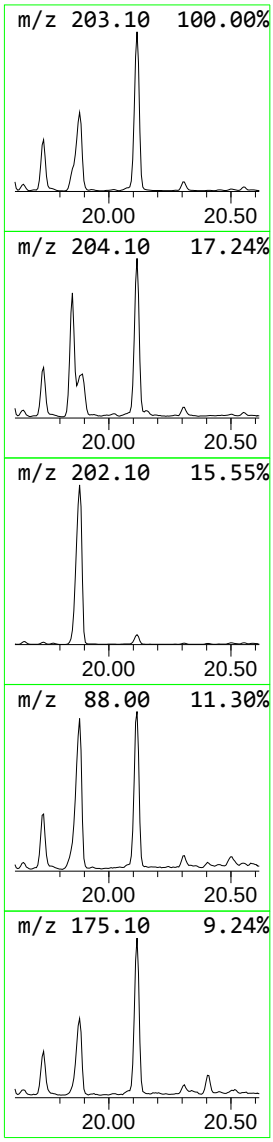
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 9-(Cyanomethylene)fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.115	19.72 ng/ul	10053300	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	97
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
3	4-Azapyrene	203	C15H9N	000194-03-6	95
4	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	95
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	94





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Instrument :
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ClientSampleId :
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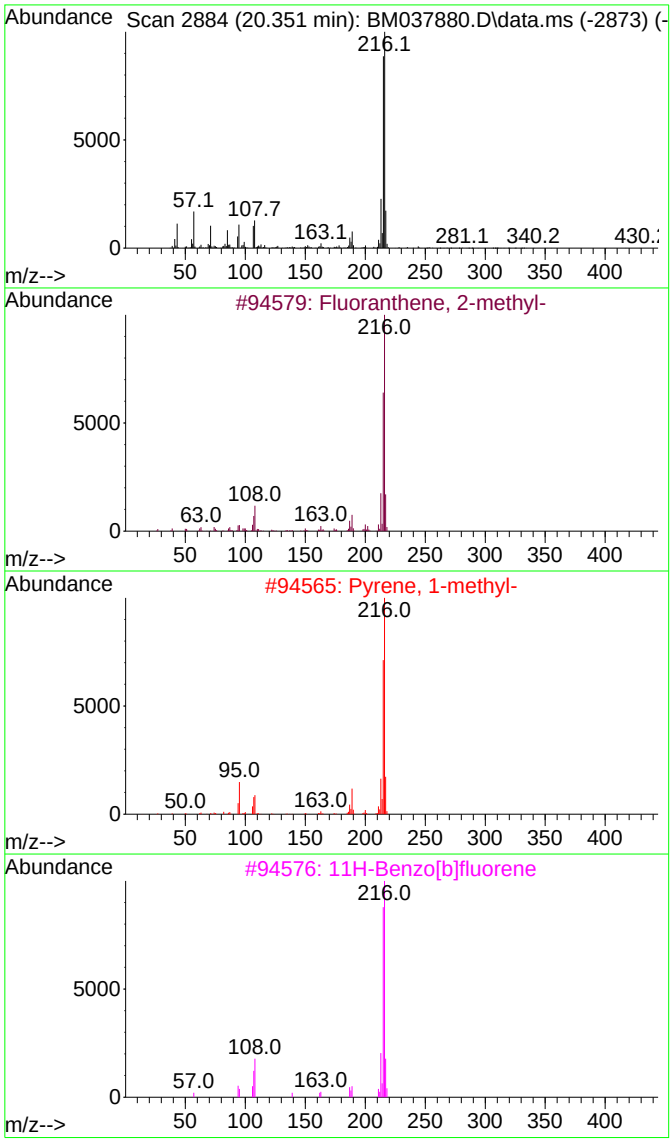
Quant Title : SVOA CALIBRATION

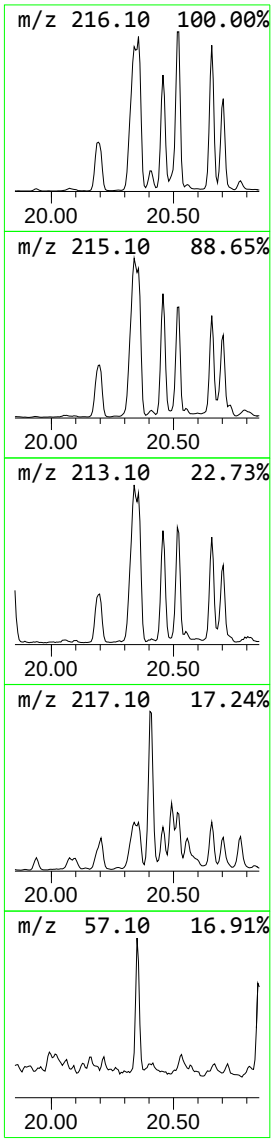
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.351	23.24 ng/ul	11846800	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





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Quant Title : SVOA CALIBRATION

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

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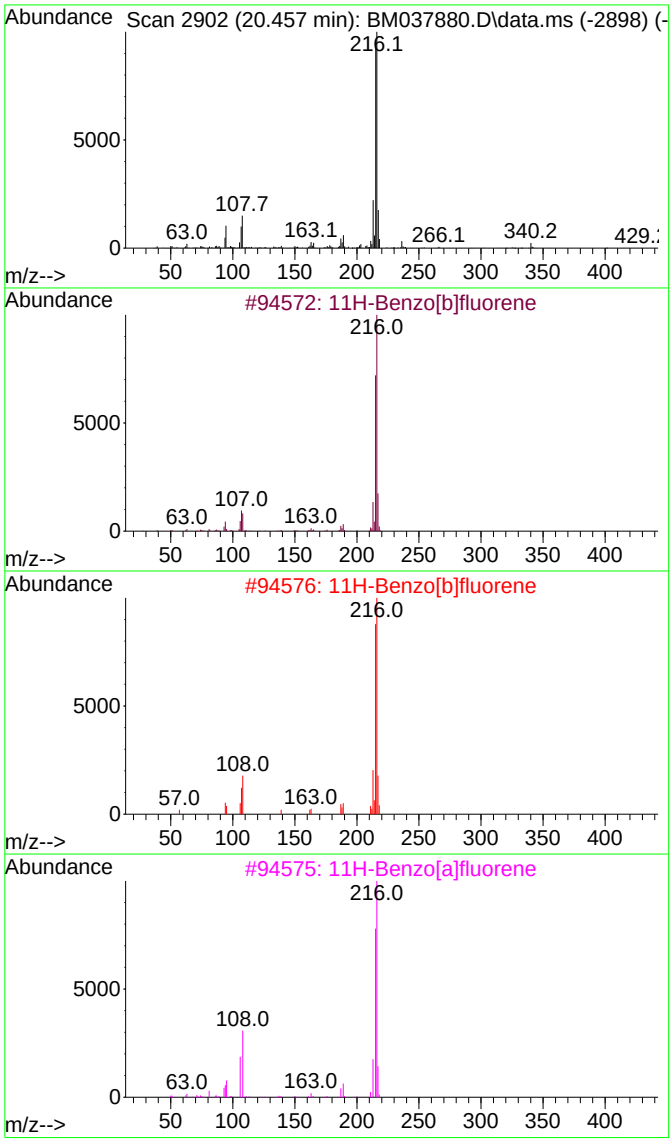
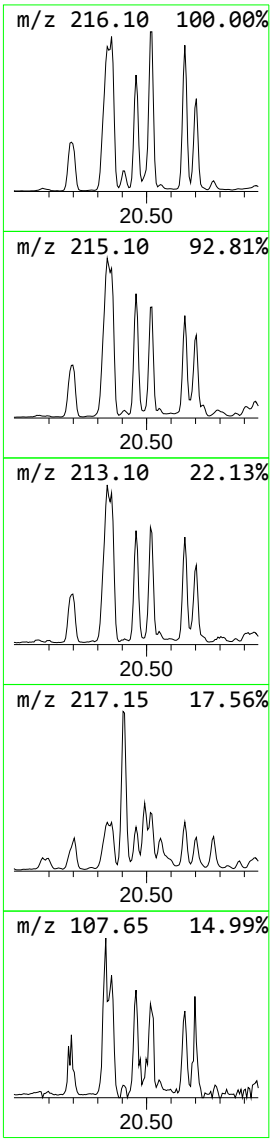
Peak Number 37 11H-Benzo[b]fluorene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.456	6.79 ng/ul	3462860	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Quant Title : SVOA CALIBRATION

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

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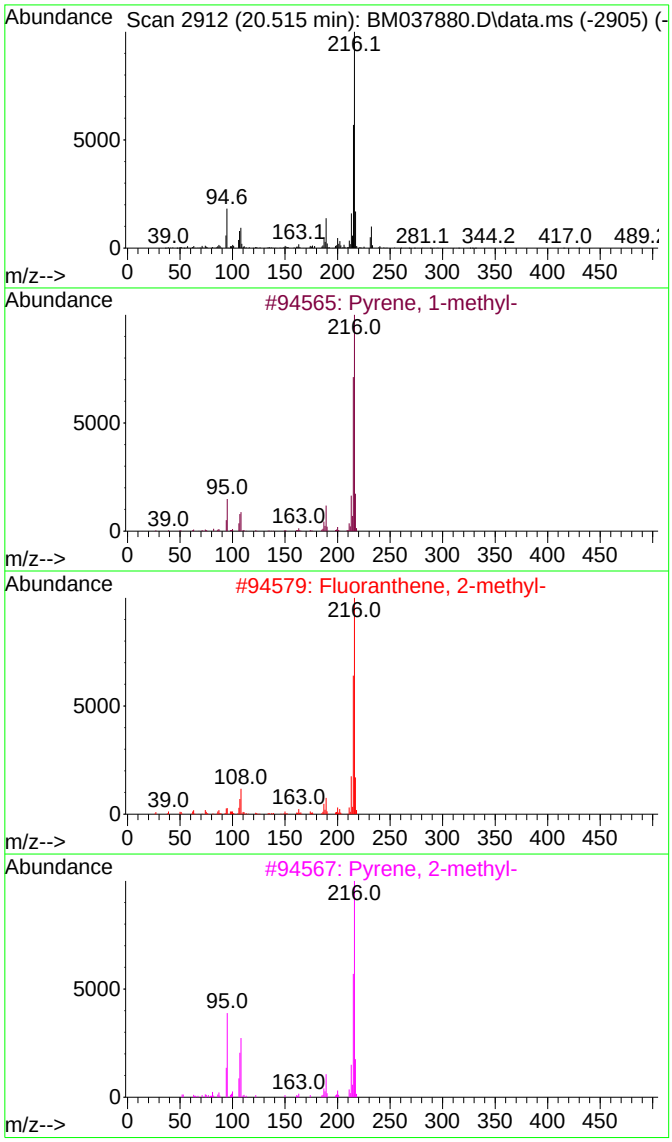
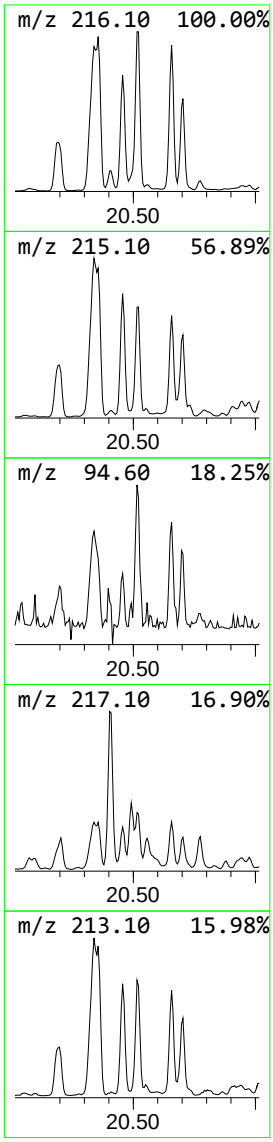
Peak Number 38 Pyrene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.515	11.93 ng/ul	6083140	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Quant Title : SVOA CALIBRATION

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

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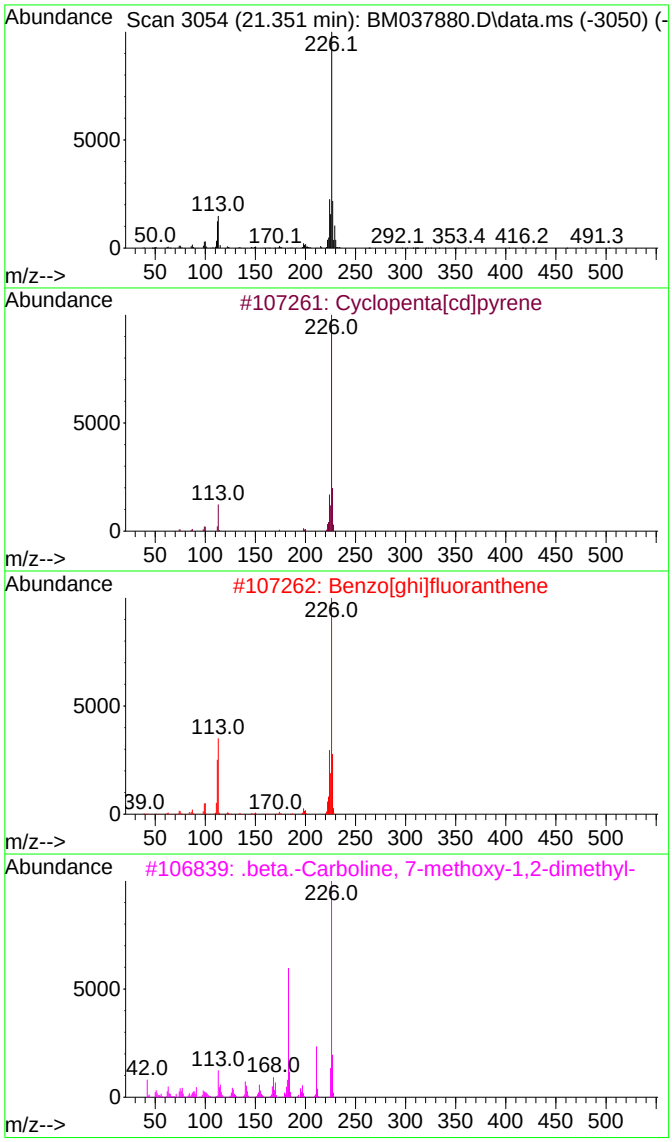
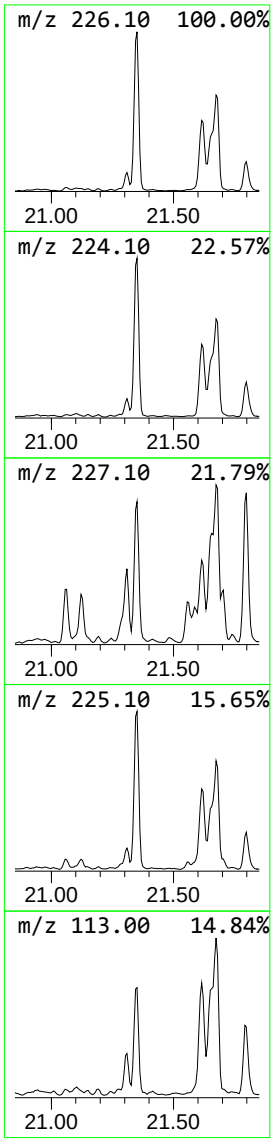
Peak Number 48 Cyclopenta[cd]pyrene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.351	13.61 ng/ul	6938560	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	95
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	90
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
4	[1,2,4]triazolo[1,5-a]pyrimidin-...	226	C12H10N4O	1000403-04-9	50
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	42





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Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

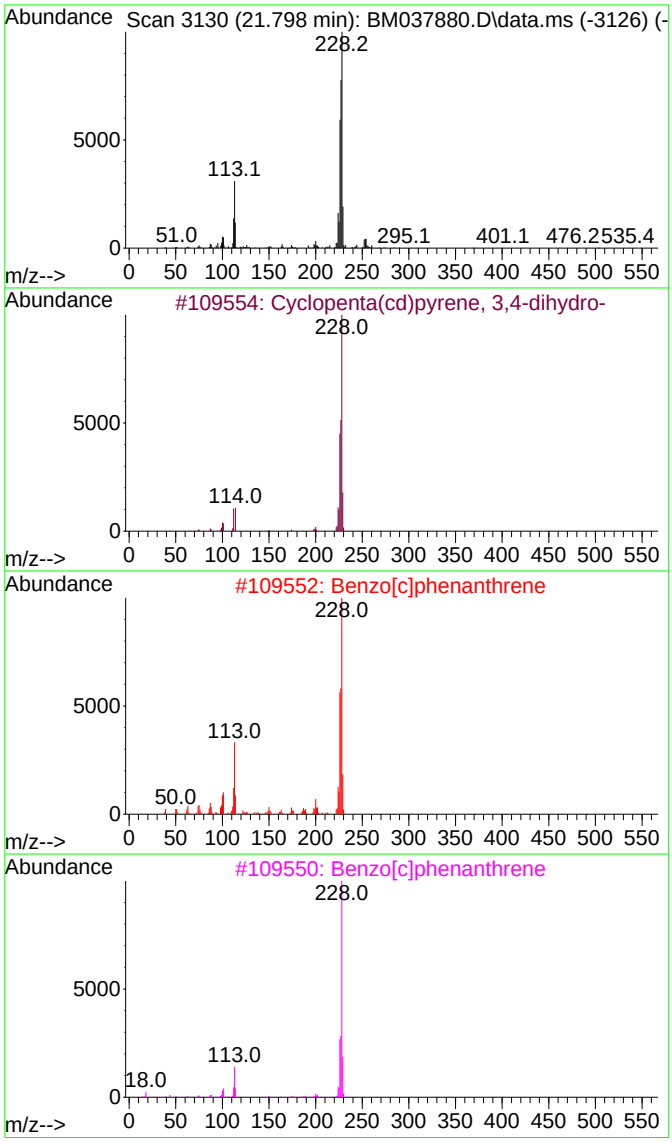
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

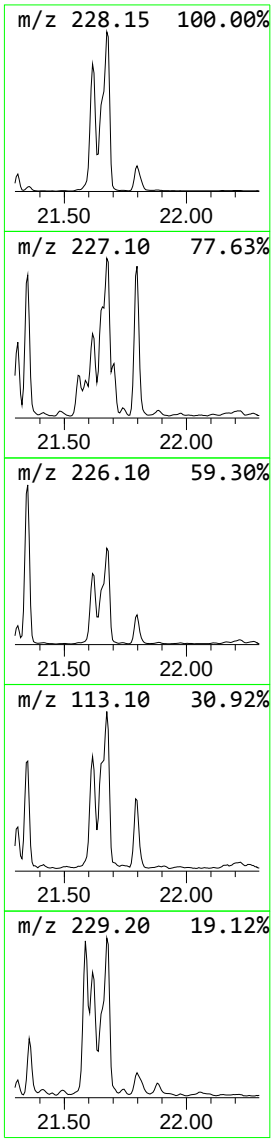
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.798	8.32 ng/ul	4240390	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	52
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50





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Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

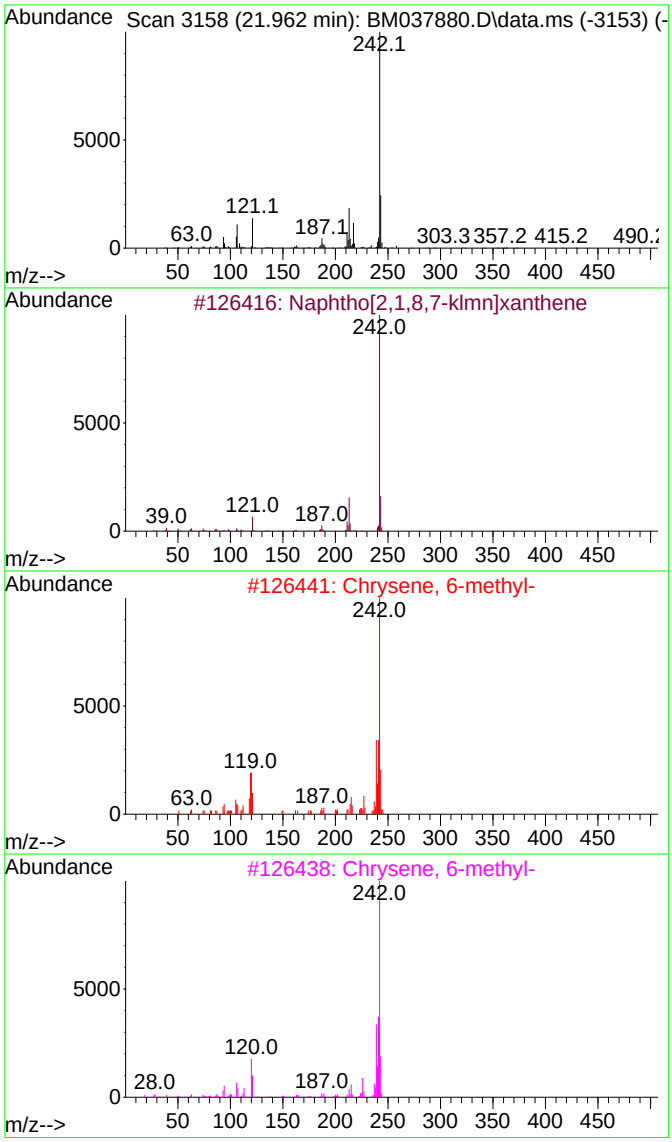
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

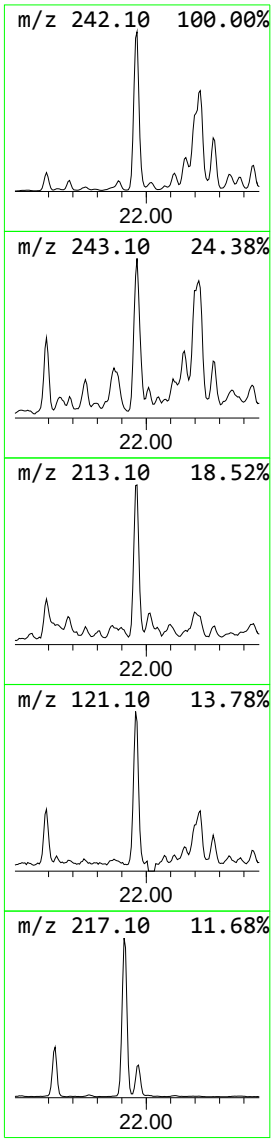
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.962	8.19 ng/ul	4177610	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	81
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	72
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	64
4	8,9-Dihydro-7H-cyclopenta[a]pyrene	242	C19H14	082979-72-4	64
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	64





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Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

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

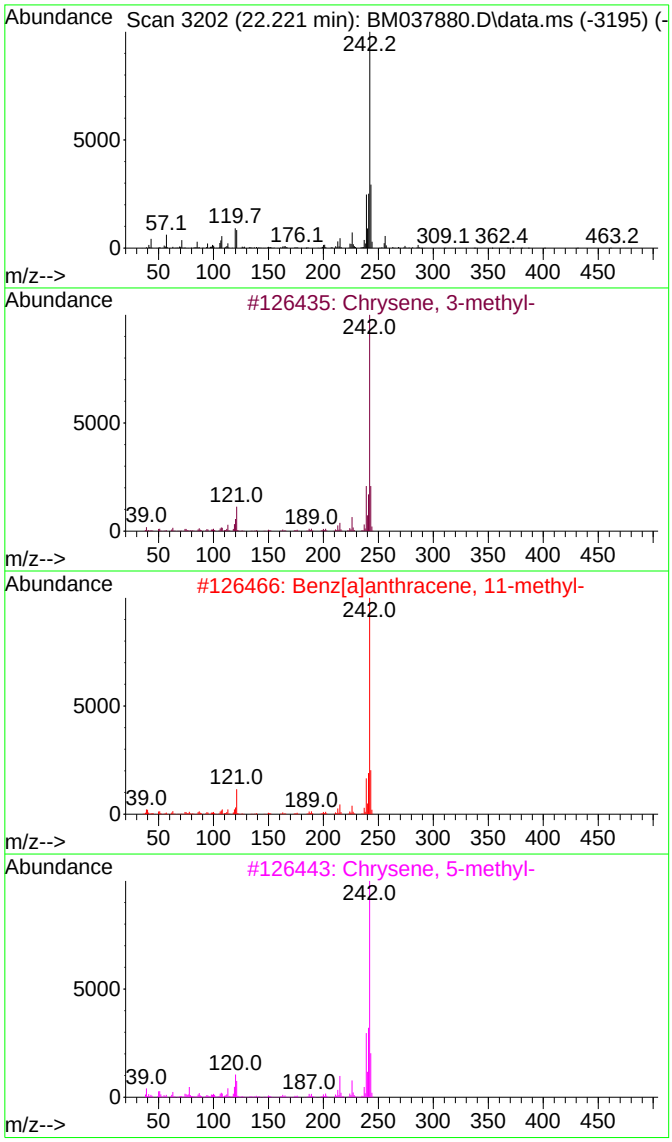
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

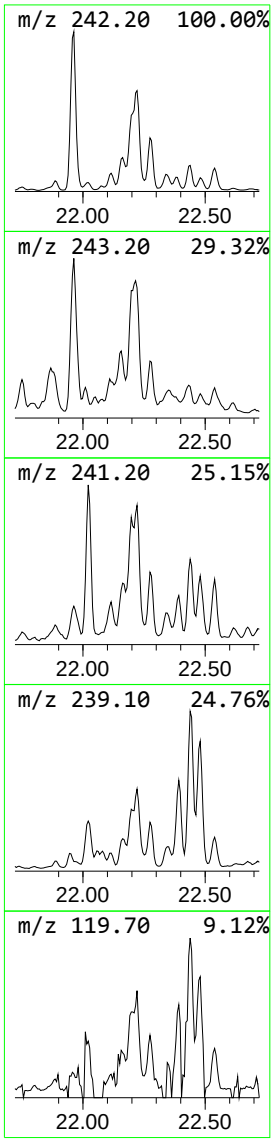
****

Peak Number 56 Chrysene, 3-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.221	8.54 ng/ul	4353390	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 3-methyl-	242	C19H14	003351-31-3	91
2	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	90
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89
5	2-Methylchrysene	242	C19H14	003351-32-4	89





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Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

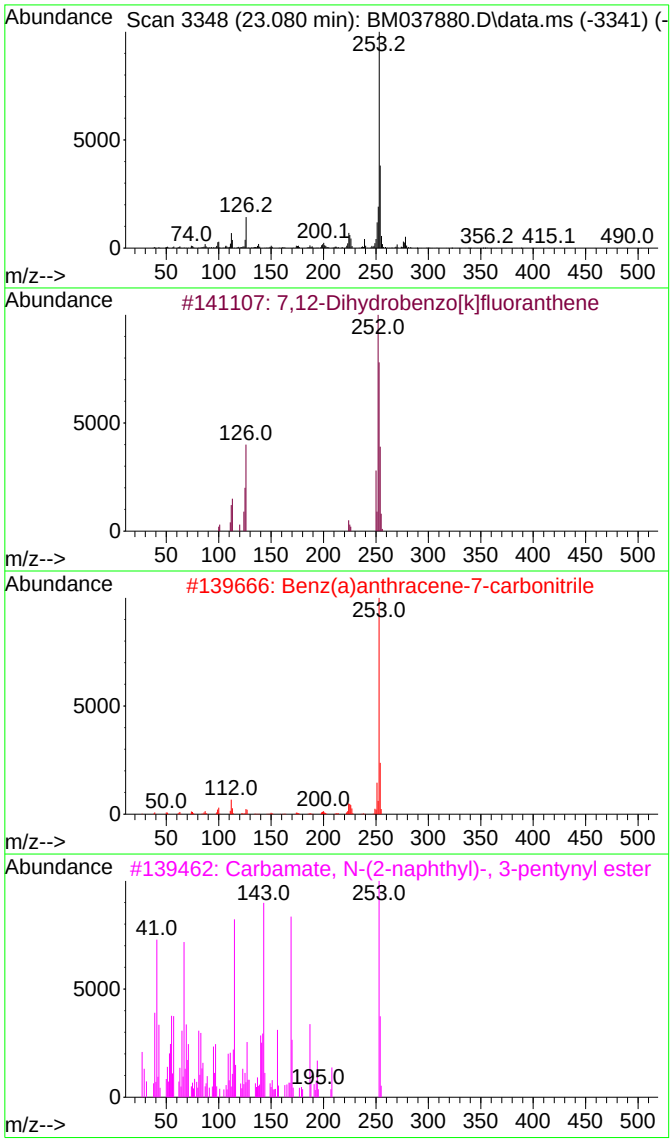
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

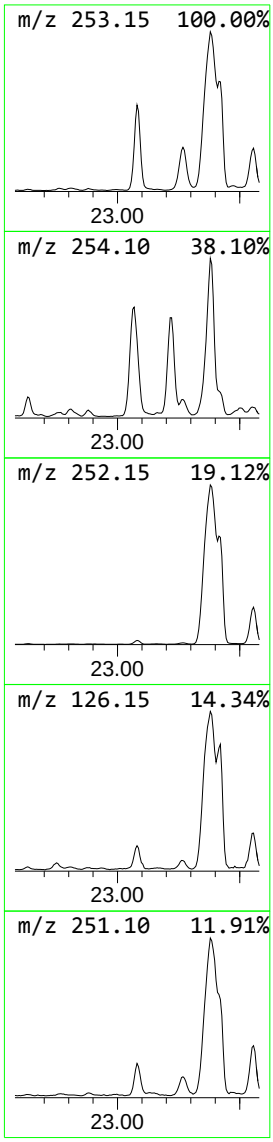
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.080	83.23 ng/ul	4813340	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	60
3	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	50
4	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	45
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

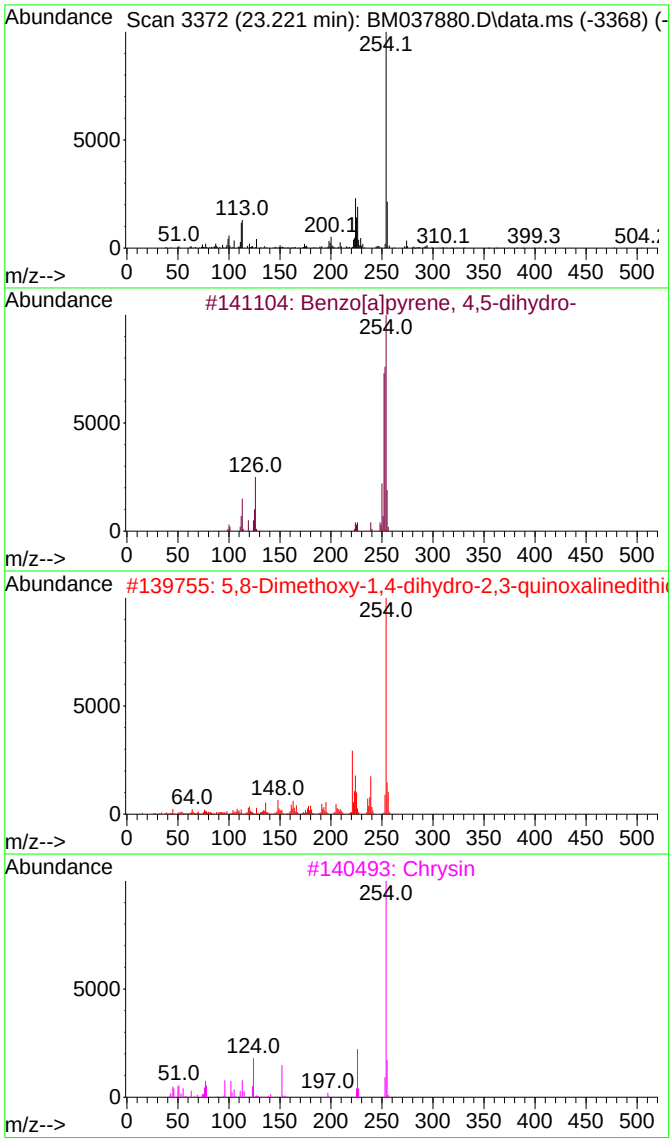
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

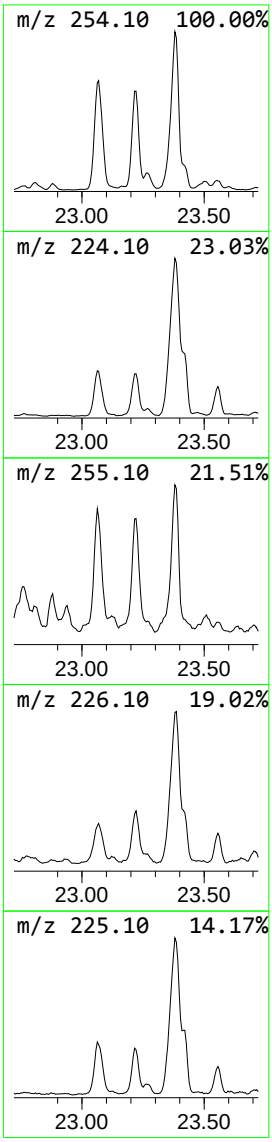
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.221	24.02 ng/ul	1388950	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	59
2	5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254	C10H10N2O2S2	001790-96-1	59
3	Chrysin	254	C15H10O4	000480-40-0	58
4	1H-Pyrano[2,3-c]pyrazol-6-one, 3...	254	C15H14N2O2	1010316-21-1	53
5	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

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

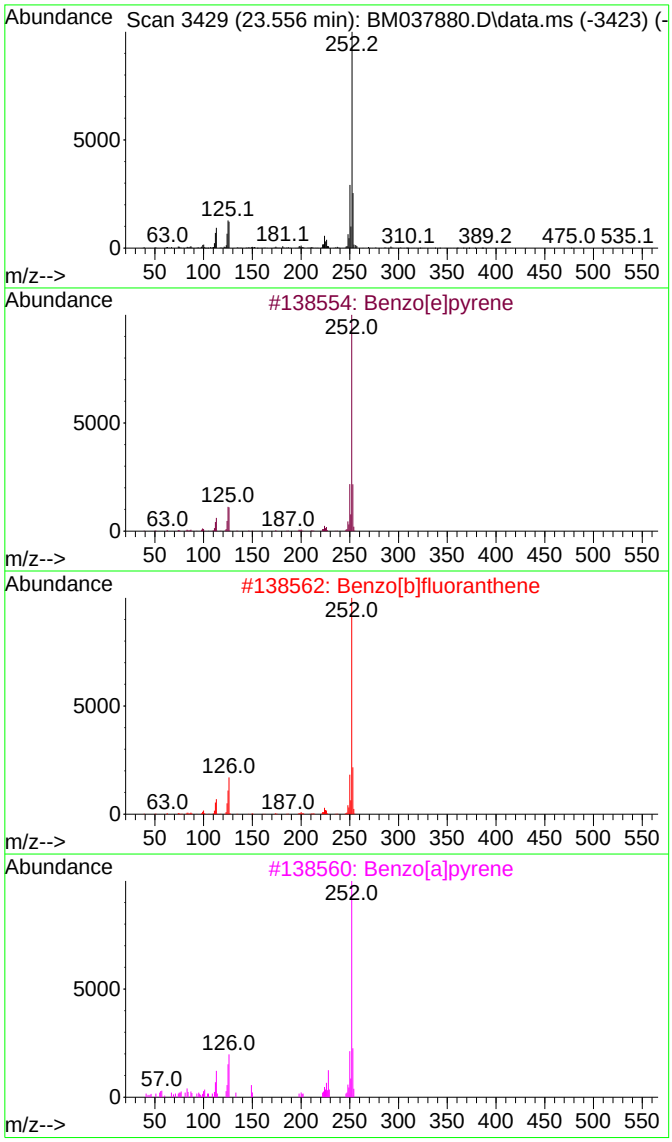
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

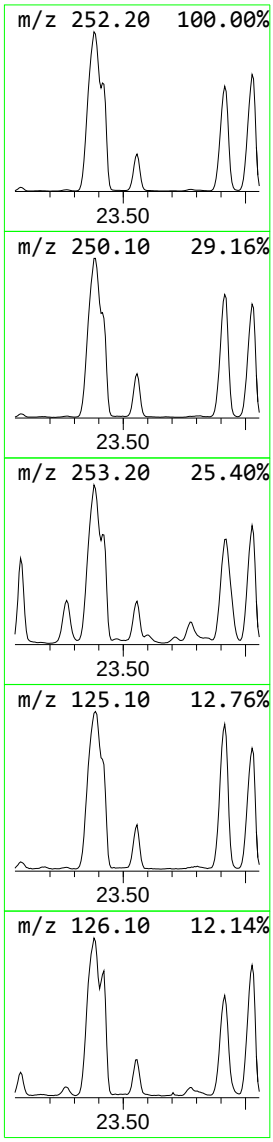
****

Peak Number 62 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.556	86.13 ng/ul	4980800	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

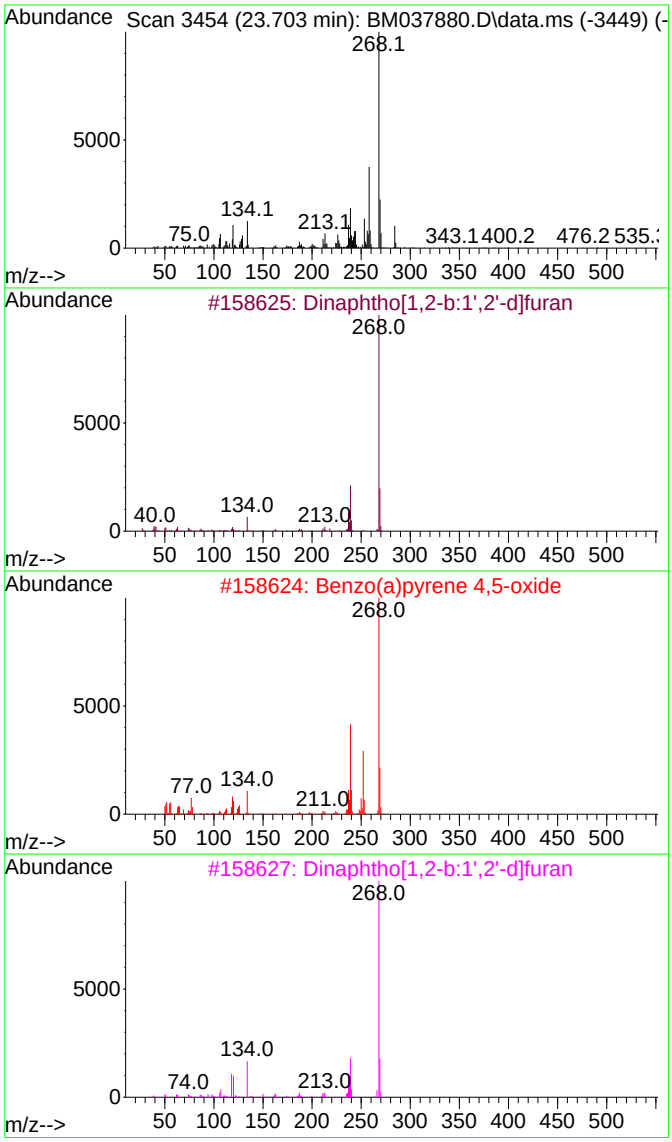
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

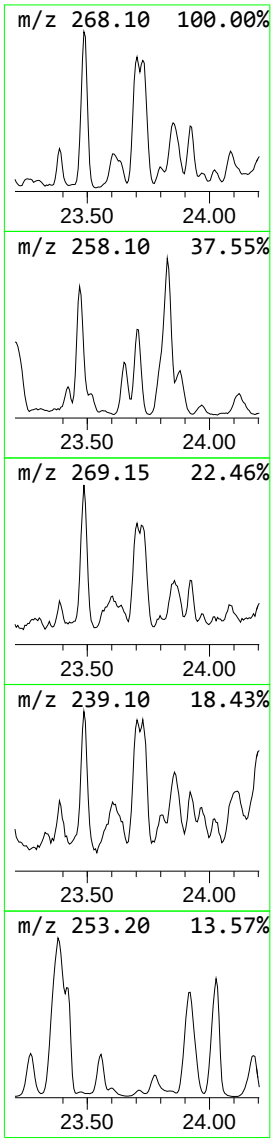
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.703	44.69 ng/ul	2584390	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	53
4	Disperse Red 11	268	C15H12N2O3	002872-48-2	52
5	1-(4-[2-(4-Methoxymethylphenyl)v...	268	C18H20O2	1000202-15-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

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

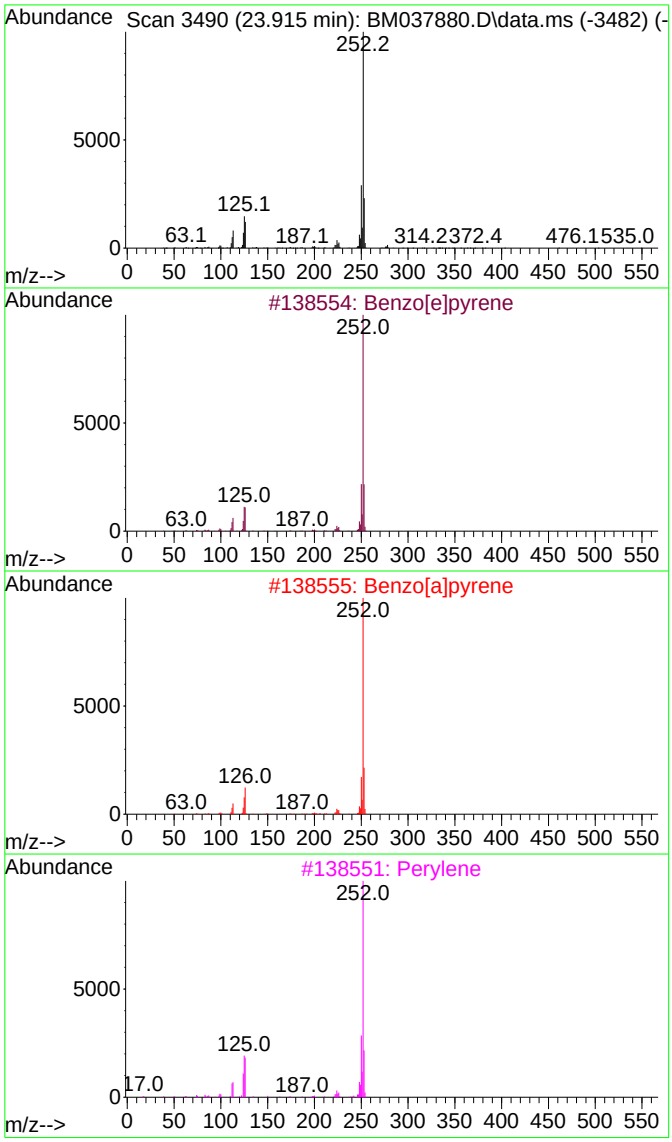
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

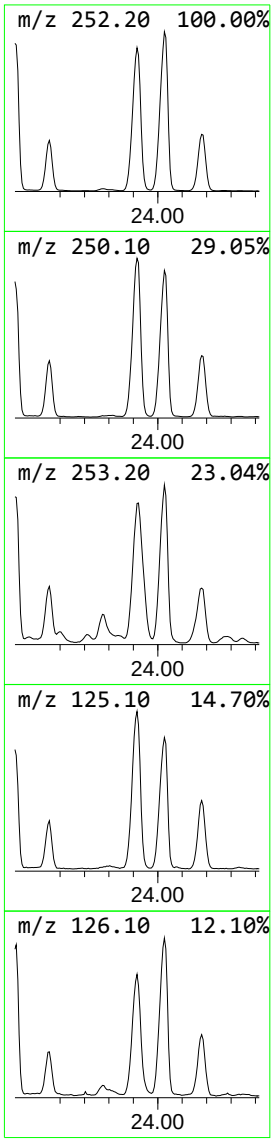
****

Peak Number 64 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.915	293.49 ng/ul	16972300	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

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

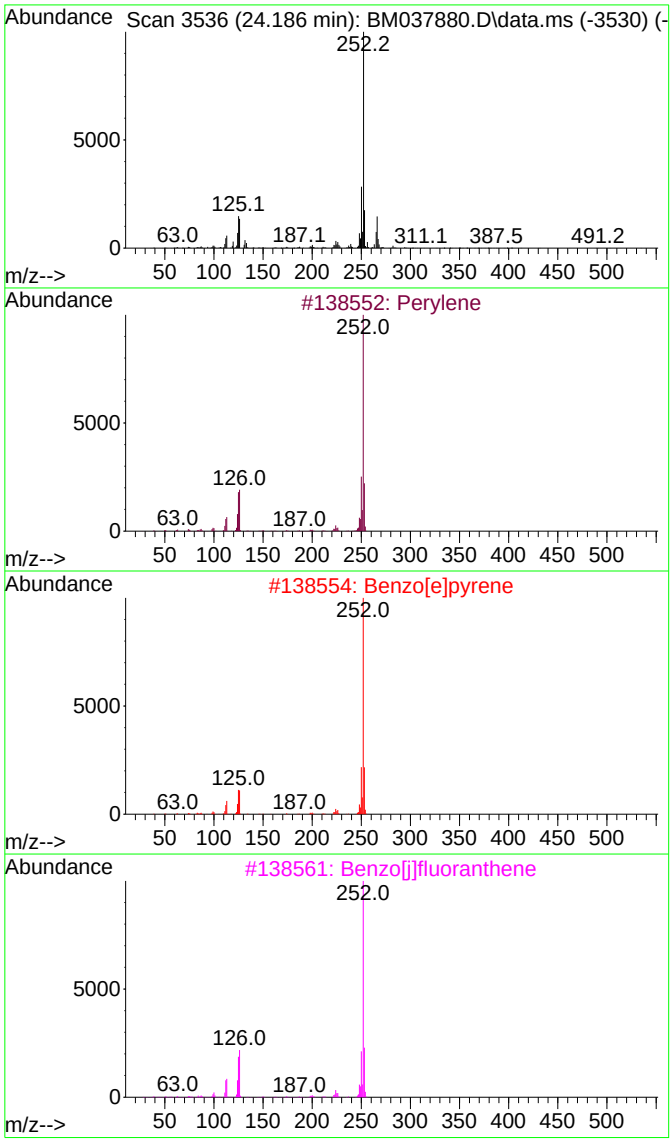
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

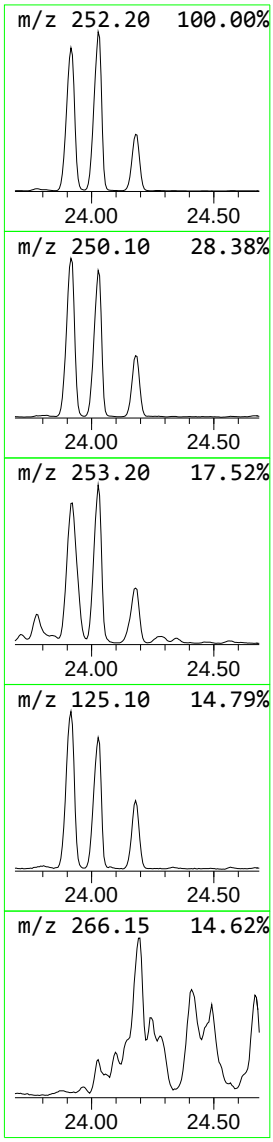
****

Peak Number 65 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.186	143.89 ng/ul	8321050	Perylene-d12	24.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dibenzo furan	15.110	30.2	ng/ul	3403590	3	14.716	2253160	20.0
(DEL) Alkane: S...	15.539	9.6	ng/ul	1075510	3	14.716	2253160	20.0
(DEL) Alkane: S...	15.945	9.5	ng/ul	1067740	3	14.716	2253160	20.0
(DEL) Alkane: S...	16.398	22.2	ng/ul	2670940	4	17.457	2404380	20.0
1(2H)-Acenaphth...	16.427	19.9	ng/ul	2396650	4	17.457	2404380	20.0
(DEL) Alkane: S...	17.192	23.2	ng/ul	2792600	4	17.457	2404380	20.0
(DEL) Alkane: S...	17.245	15.4	ng/ul	1851370	4	17.457	2404380	20.0
9H-Fluorene, 9-...	17.627	618.5	ng/ul	74359700	4	17.457	2404380	20.0
Acridine	17.657	12.3	ng/ul	1480890	4	17.457	2404380	20.0
Dibenzothiophene	17.739	13.9	ng/ul	1671630	4	17.457	2404380	20.0
5H-Indeno[1,2-b...	17.869	126.3	ng/ul	15188600	4	17.457	2404380	20.0
(DEL) Alkane: S...	17.933	18.8	ng/ul	2260740	4	17.457	2404380	20.0
Anthracene, 9-m...	18.333	10.6	ng/ul	1277340	4	17.457	2404380	20.0
Anthracene, 2-m...	18.374	13.4	ng/ul	1610860	4	17.457	2404380	20.0
Phenanthrene, 2...	18.463	36.4	ng/ul	4380610	4	17.457	2404380	20.0
4H-Cyclopenta[d...	18.533	83.2	ng/ul	10005700	4	17.457	2404380	20.0
2-Bromo dodecane	18.621	23.9	ng/ul	2874080	4	17.457	2404380	20.0
Anthrone	18.721	13.3	ng/ul	1601600	4	17.457	2404380	20.0
Benzo[c]cinnoline	18.868	20.0	ng/ul	2401750	4	17.457	2404380	20.0
(DEL) Alkane: S...	19.251	23.3	ng/ul	2799070	4	17.457	2404380	20.0
9,10-di(Chlorom...	19.310	11.0	ng/ul	1317620	4	17.457	2404380	20.0
Cyclopenta(def)...	19.386	36.0	ng/ul	4322130	4	17.457	2404380	20.0
Acenaphtho(1,2-...	19.733	9.9	ng/ul	5067080	5	21.633	10196100	20.0
9-(Cyanomethyle...	20.115	19.7	ng/ul	10053300	5	21.633	10196100	20.0
Fluoranthene, 2...	20.351	23.2	ng/ul	11846800	5	21.633	10196100	20.0
11H-Benzo[b]flu...	20.456	6.8	ng/ul	3462860	5	21.633	10196100	20.0
Pyrene, 1-methyl-	20.515	11.9	ng/ul	6083140	5	21.633	10196100	20.0
Cyclopenta[cd]p...	21.351	13.6	ng/ul	6938560	5	21.633	10196100	20.0
Cyclopenta(cd)p...	21.798	8.3	ng/ul	4240390	5	21.633	10196100	20.0
Naphtho[2,1,8,7...	21.962	8.2	ng/ul	4177610	5	21.633	10196100	20.0
Chrysene, 3-met...	22.221	8.5	ng/ul	4353390	5	21.633	10196100	20.0
7,12-Dihydroben...	23.080	83.2	ng/ul	4813340	6	24.121	1156590	20.0
Benzo[a]pyrene,...	23.221	24.0	ng/ul	1388950	6	24.121	1156590	20.0
Benzo[e]pyrene	23.556	86.1	ng/ul	4980800	6	24.121	1156590	20.0
Dinaphtho[1,2-b...	23.703	44.7	ng/ul	2584390	6	24.121	1156590	20.0
Perylene	23.915	293.5	ng/ul	16972300	6	24.121	1156590	20.0
Benzo[j]fluoran...	24.186	143.9	ng/ul	8321050	6	24.121	1156590	20.0