LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037898.D
Acq On : 08 Dec 2022 22:07
Operator : CG/JU
Sample : N5832-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK4

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: BM037898.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.887	81	85	93	rBV	28829	53561	0.49%	0.061%
2	4.193	133	137	143	rVB	23061	35842	0.33%	0.041%
3	7.239	648	655	664	rBV	180588	295769	2.72%	0.337%
4	7.410	677	684	692	rBV	140654	225824	2.08%	0.257%
5	7.610	712	718	725	rBV	174365	276883	2.55%	0.316%
6	8.086	790	799	806	rBV	1222610	1916131	17.64%	2.184%
7	8.628	886	891	901	rBV	75204	147802	1.36%	0.168%
8	8.792	912	919	927	rBV	200096	316225	2.91%	0.360%
9	8.916	935	940	947	rVB2	48736	77905	0.72%	0.089%
10	9.257	991	998	1003	rBV	155905	257399	2.37%	0.293%
11	9.980	1114	1121	1130	rVB	114180	191729	1.77%	0.219%
12	10.522	1206	1213	1222	rBV	184404	305275	2.81%	0.348%
13	10.904	1271	1278	1283	rBV	1510974	2499854	23.02%	2.850%
14	10.957	1283	1287	1295	rVB	257793	422971	3.89%	0.482%
15	11.045	1295	1302	1315	rBV3	87292	189423	1.74%	0.216%
16	12.398	1526	1532	1537	rBV2	18539	38418	0.35%	0.044%
17	12.557	1551	1559	1567	rVB	178094	280622	2.58%	0.320%
18	12.680	1572	1580	1585	rBV4	21796	41709	0.38%	0.048%
19	12.774	1587	1596	1601	rVB	48064	77178	0.71%	0.088%
20	13.551	1720	1728	1733	rBV2	60367	108365	1.00%	0.124%
21	13.604	1733	1737	1743	rVV	23789	40245	0.37%	0.046%
22	13.880	1779	1784	1792	rVB3	28517	75431	0.69%	0.086%
23	14.033	1804	1810	1816	rBV4	31830	71183	0.66%	0.081%
24	14.121	1816	1825	1829	rBV	257935	386371	3.56%	0.440%
25	14.174	1830	1834	1838	rVB2	29373	49467	0.46%	0.056%
26	14.245	1840	1846	1848	rBV2	26845	47017	0.43%	0.054%
27	14.268	1848	1850	1855	rVB2	36376	43063	0.40%	0.049%
28	14.410	1868	1874	1877	rBV	337860	558698	5.14%	0.637%
29	14.439	1877	1879	1892	rVB	290193	407682	3.75%	0.465%
30	14.592	1901	1905	1911	rBV	67832	81458	0.75%	0.093%
31	14.715	1915	1926	1932	rVV	1897148	2813922	25.91%	3.208%
32	14.774	1932	1936	1945	rVV	196947	324183	2.98%	0.370%
33	14.910	1954	1959	1969	rVB4	63283	134782	1.24%	0.154%
34	15.110	1986	1993	2002	rVV	296442	468757	4.32%	0.534%
35	15.333	2026	2031	2035	rVB2	26071	43222	0.40%	0.049%
36	15.539	2061	2066	2070	rVV	99841	127715	1.18%	0.146%

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Instrument :
BNA_M
ClientSampleId :
DBXK4

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	15.698	2088	2093	2098	rBV	412071	576994	5.31%	0.658%
38	15.757	2098	2103	2110	rVV	512327	742951	6.84%	0.847%
39	15.815	2110	2113	2121	rVB4	62947	108370	1.00%	0.124%
40	15.939	2127	2134	2140	rBV3	73418	171683	1.58%	0.196%
41	16.045	2148	2152	2157	rBV4	45004	86199	0.79%	0.098%
42	16.092	2157	2160	2166	rVB5	29281	43917	0.40%	0.050%
43	16.162	2168	2172	2174	rBV3	41571	53002	0.49%	0.060%
44	16.192	2175	2177	2184	rVB	44761	69334	0.64%	0.079%
45	16.398	2207	2212	2214	rBV	204348	285666	2.63%	0.326%
46	16.421	2214	2216	2230	rVB2	231401	399135	3.68%	0.455%
47	16.745	2266	2271	2277	rBV7	48105	114882	1.06%	0.131%
48	16.798	2278	2280	2287	rVB6	40383	55377	0.51%	0.063%
49	16.904	2295	2298	2301	rBV2	38441	47508	0.44%	0.054%
50	16.974	2307	2310	2313	rBV4	28450	37299	0.34%	0.043%
51	17.104	2327	2332	2337	rBV2	178679	279616	2.57%	0.319%
52	17.186	2342	2346	2351	rVV	244443	335860	3.09%	0.383%
53	17.239	2351	2355	2358	rVV	186804	275725	2.54%	0.314%
54	17.274	2358	2361	2367	rVB	104431	150414	1.38%	0.171%
55	17.451	2385	2391	2395	rBV	1980776	2965049	27.30%	3.380%
56	17.498	2395	2399	2404	rVB	1422550	1939798	17.86%	2.211%
57	17.551	2404	2408	2410	rBV	413392	587146	5.41%	0.669%
58	17.592	2410	2415	2421	rVB	7571021	10860554	100.00%	12.380%
59	17.727	2435	2438	2443	rVB	103859	148693	1.37%	0.169%
60	17.856	2454	2460	2468	rVB	1651852	2282803	21.02%	2.602%
61	17.927	2468	2472	2476	rBV	255561	291269	2.68%	0.332%
62	18.127	2503	2506	2513	rVB2	92279	130968	1.21%	0.149%
63	18.327	2536	2540	2544	rBV2	183230	238061	2.19%	0.271%
64	18.374	2544	2548	2555	rVB2	142270	206715	1.90%	0.236%
65	18.456	2558	2562	2567	rVB	238494	343912	3.17%	0.392%
66	18.527	2569	2574	2578	rBV2	324979	496472	4.57%	0.566%
67	18.615	2585	2589	2594	rBV2	279464	360250	3.32%	0.411%
68	18.662	2595	2597	2602	rVB2	58575	76895	0.71%	0.088%
69	18.715	2602	2606	2610	rBV	202187	285021	2.62%	0.325%
70	18.862	2627	2631	2637	rBV	301297	416986	3.84%	0.475%
71	19.245	2692	2696	2701	rVB3	246321	290130	2.67%	0.331%
72	19.380	2714	2719	2726	rBV	506420	779822	7.18%	0.889%
73	19.498	2735	2739	2745	rVB	2044505	2703640	24.89%	3.082%
74	19.598	2752	2756	2761	rBV	232267	281756	2.59%	0.321%
75	19.721	2773	2777	2790	rVB2	406655	760964	7.01%	0.867%
76	19.833	2790	2796	2798	rBV3	853375	1419663	13.07%	1.618%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5832-07 5X
Misc :
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Instrument :
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ClientSampleId :
DBXK4

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

77	19.862	2798	2801	2809	rVB	2933766	3738702	34.42%	4.262%
78	20.039	2828	2831	2836	rBV2	100611	147659	1.36%	0.168%
79	20.103	2837	2842	2849	rVB	1173904	1634156	15.05%	1.863%
80	20.333	2873	2881	2888	rBV4	467737	1202974	11.08%	1.371%
81	20.397	2889	2892	2896	rBV	262518	319954	2.95%	0.365%
82	20.450	2897	2901	2904	rBV2	208870	275865	2.54%	0.314%
83	20.650	2932	2935	2939	rBV	265489	310163	2.86%	0.354%
84	20.697	2940	2943	2949	rVB2	175930	245253	2.26%	0.280%
85	21.097	3007	3011	3017	rBV2	308885	491355	4.52%	0.560%
86	21.268	3037	3040	3042	rBV2	173721	210493	1.94%	0.240%
87	21.303	3042	3046	3049	rVV3	401480	542890	5.00%	0.619%
88	21.339	3049	3052	3057	rVB	632480	796462	7.33%	0.908%
89	21.621	3089	3100	3104	rBV2	2876721	6292353	57.94%	7.173%
90	21.656	3104	3106	3116	rVB	1364791	1965291	18.10%	2.240%
91	21.791	3125	3129	3135	rVB3	320990	601011	5.53%	0.685%
92	21.950	3152	3156	3162	rVB	378686	564346	5.20%	0.643%
93	22.733	3286	3289	3295	rBV3	294639	469303	4.32%	0.535%
94	23.350	3387	3394	3408	rVB	3300945	9342146	86.02%	10.649%
95	23.538	3422	3426	3432	rVB	506068	815345	7.51%	0.929%
96	23.885	3480	3485	3491	rBV	1338061	2619320	24.12%	2.986%
97	23.997	3499	3504	3511	rVB	1736356	3280996	30.21%	3.740%
98	24.109	3517	3523	3528	rBV2	1573523	3174386	29.23%	3.619%
99	24.162	3528	3532	3541	rVB2	738015	1625289	14.97%	1.853%
100	26.703	3957	3964	3969	rBV2	682028	1927445	17.75%	2.197%

Sum of corrected areas: 87725737

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Data File : BM037898.D
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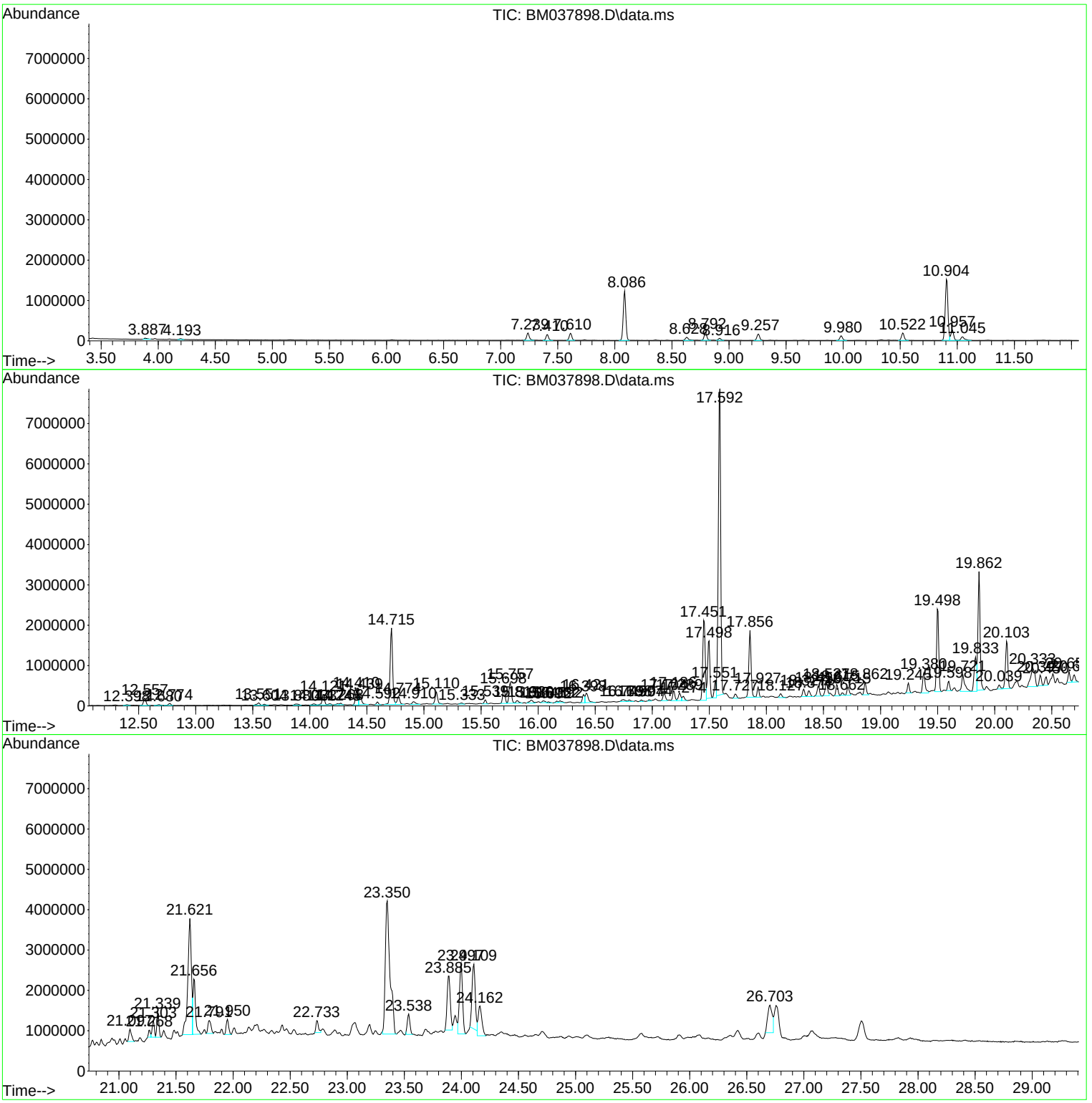
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK4

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 : BM037898.D
Acq On : 08 Dec 2022 22:07
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Sample : N5832-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBXK4

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

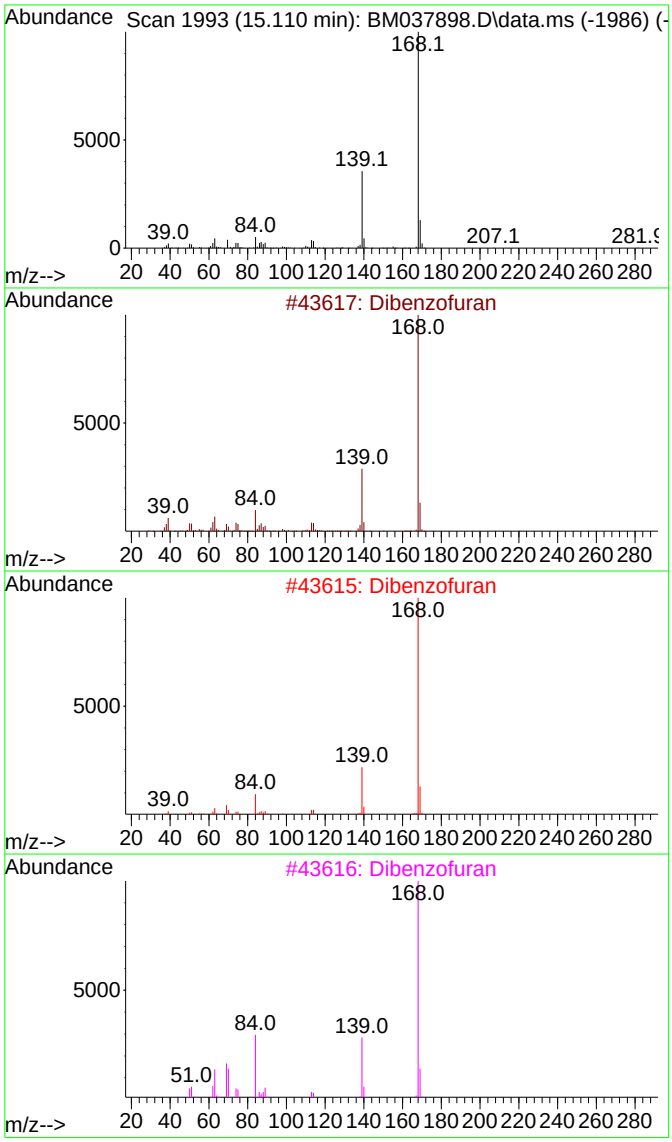
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

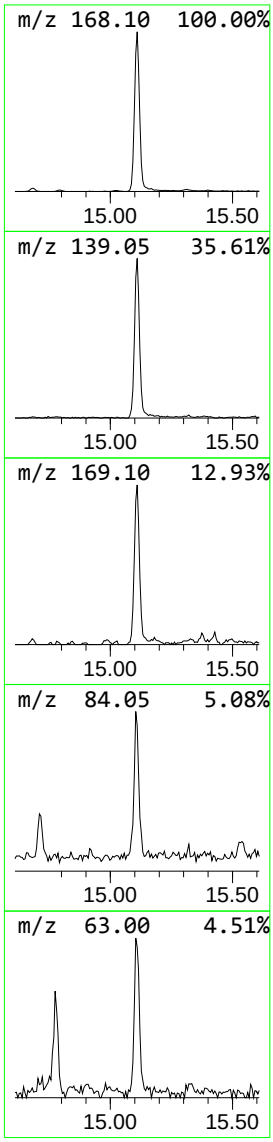
****

Peak Number 1 Dibenzo furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	3.33 ng/ul	468757	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	86
3	Dibenzofuran	168	C12H8O	000132-64-9	72
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	72
5	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037898.D
Acq On : 08 Dec 2022 22:07
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ALS Vial : 23 Sample Multiplier: 1

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

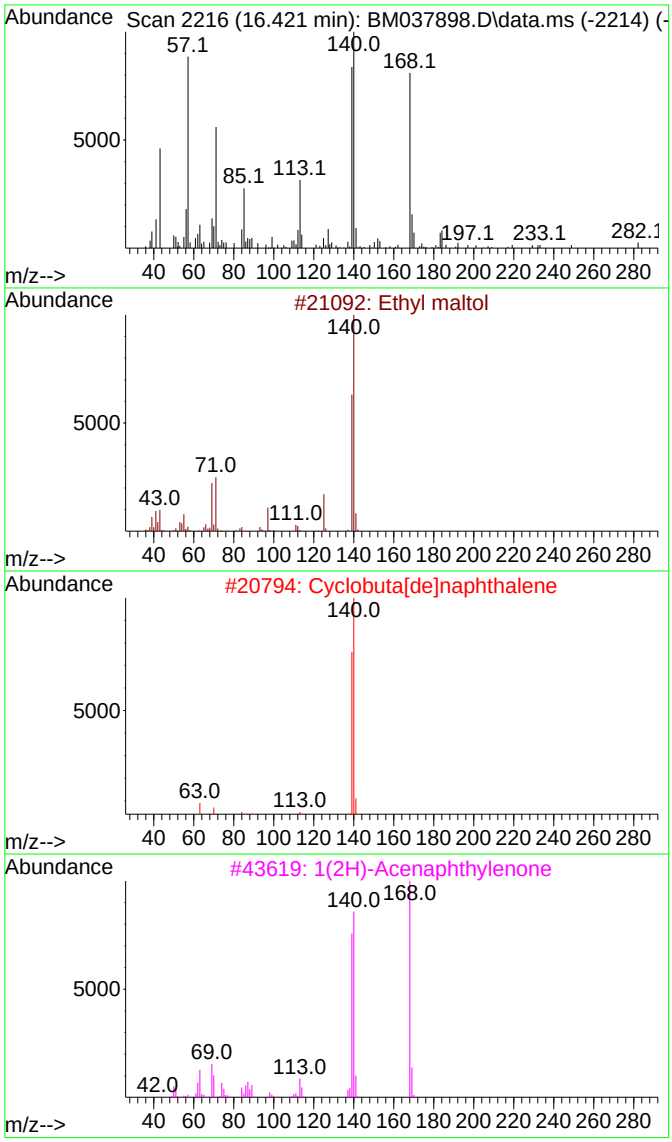
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

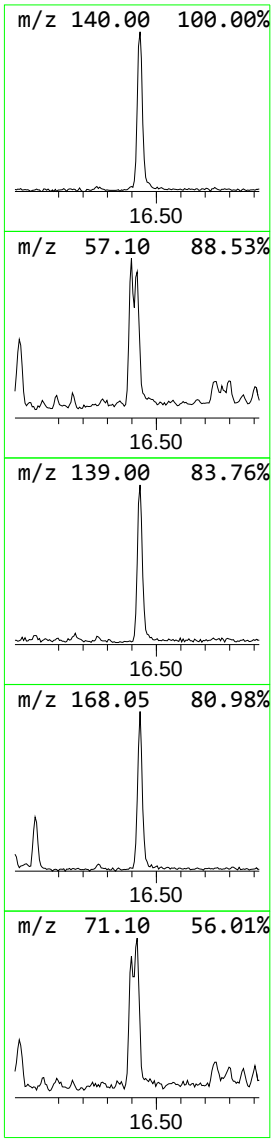
****

Peak Number 2 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.421	2.69 ng/ul	399135	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl maltol	140	C7H8O3	004940-11-8	46
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	43
3	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	43
4	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	38
5	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
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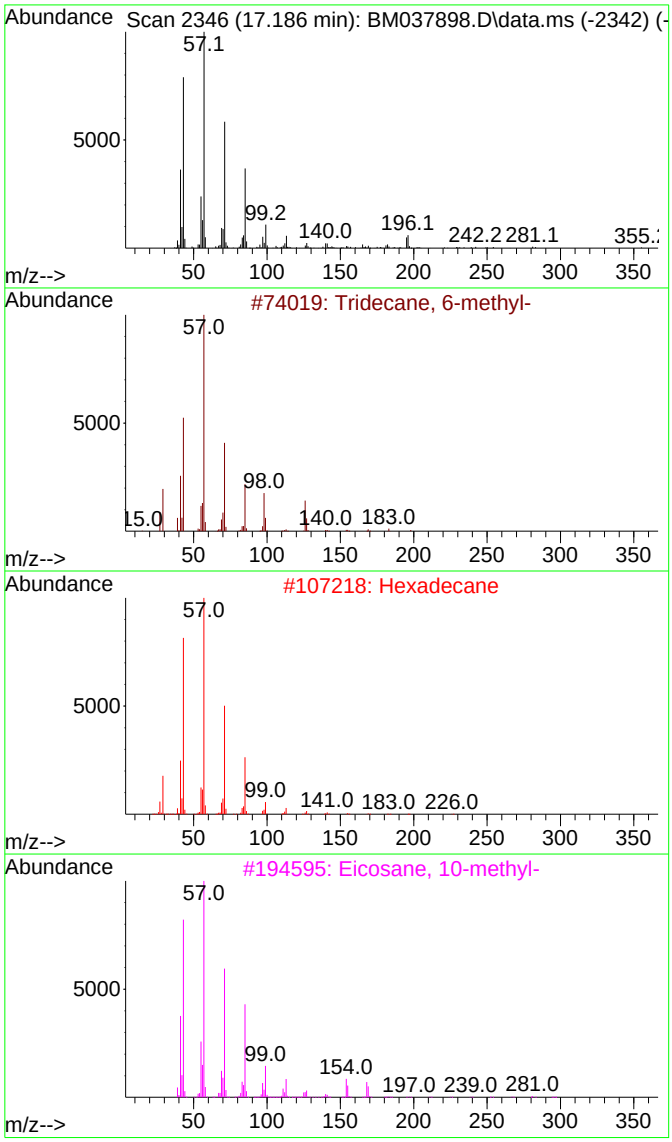
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

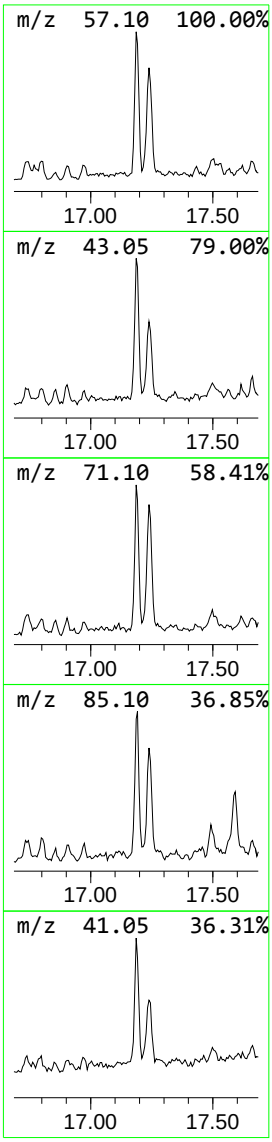
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	2.27 ng/ul	335860	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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

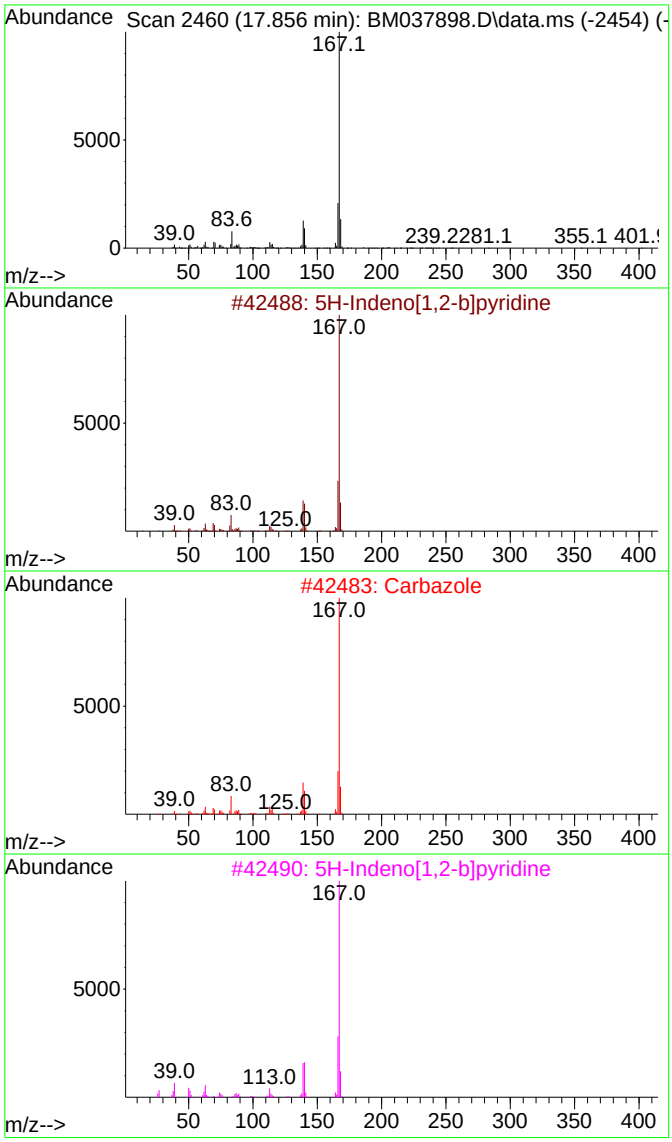
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

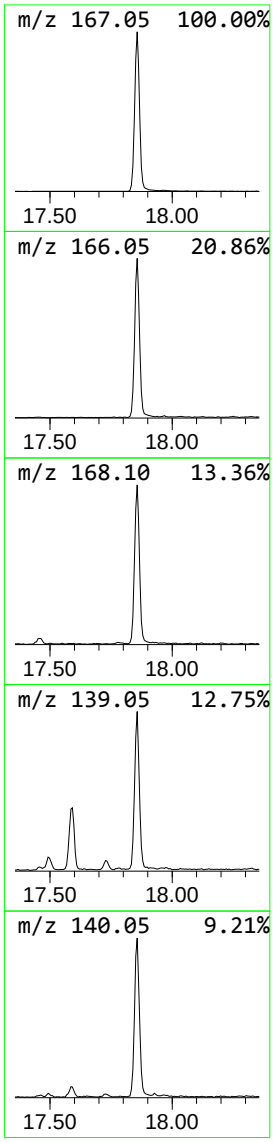
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.856	15.40 ng/ul	2282800	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	Carbazole	167	C12H9N	000086-74-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037898.D
Acq On : 08 Dec 2022 22:07
Operator : CG/JU
Sample : N5832-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK4

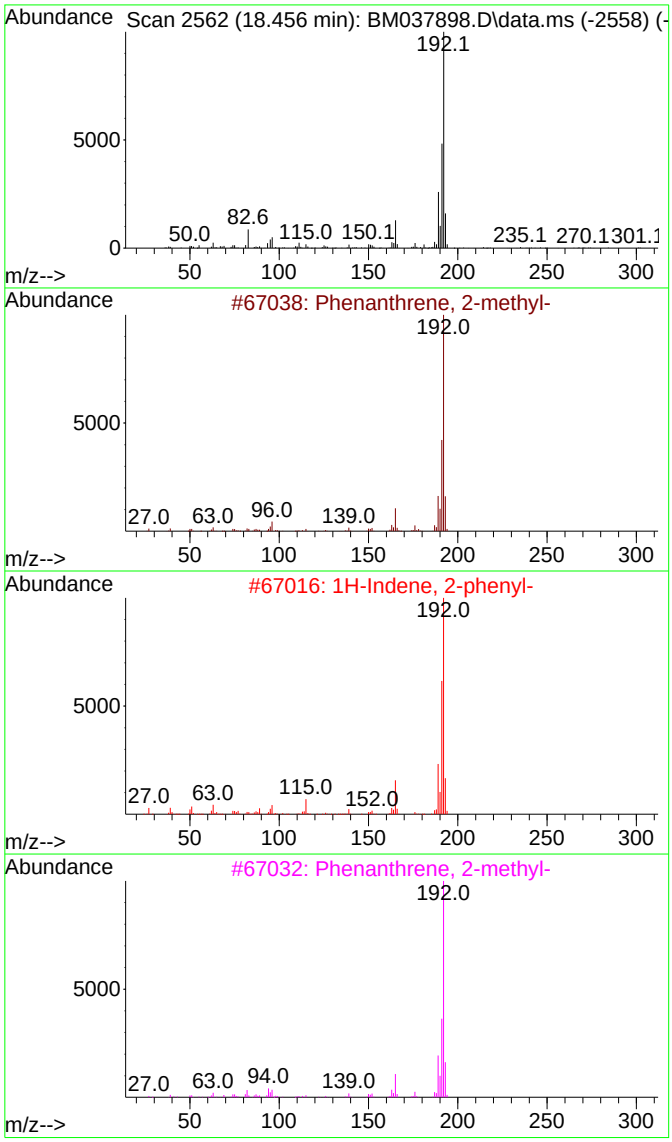
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

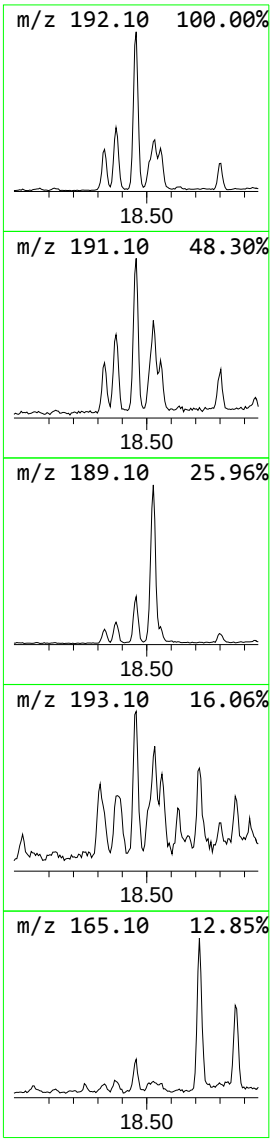
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.456	2.32 ng/ul	343912	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Acq On : 08 Dec 2022 22:07
Operator : CG/JU
Sample : N5832-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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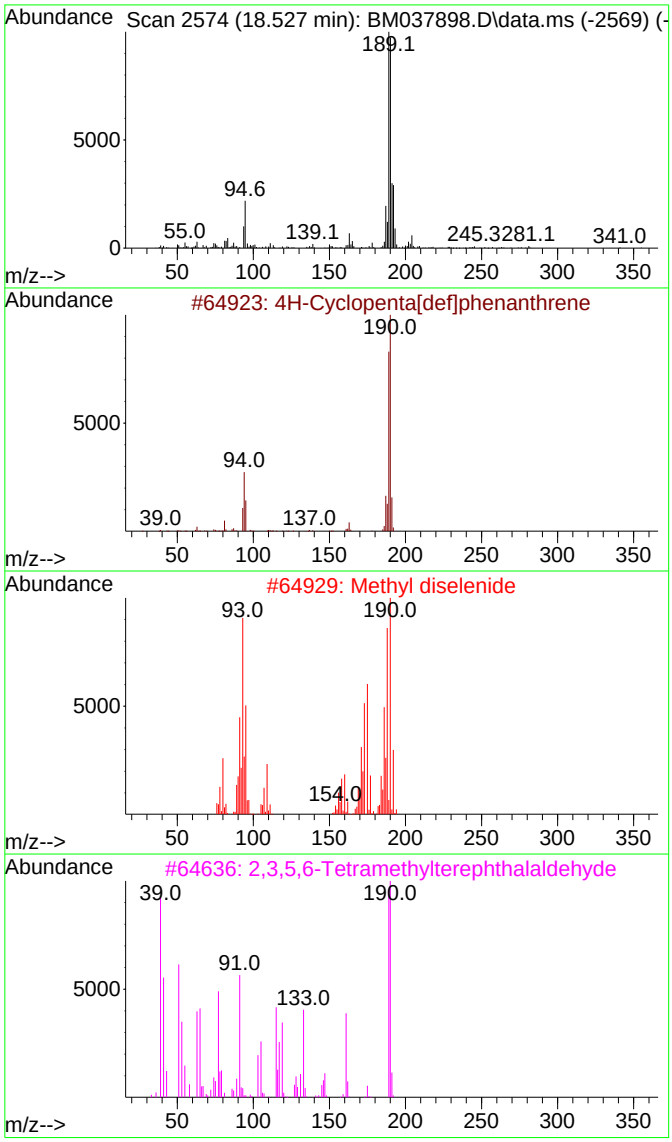
Quant Title : SVOA CALIBRATION

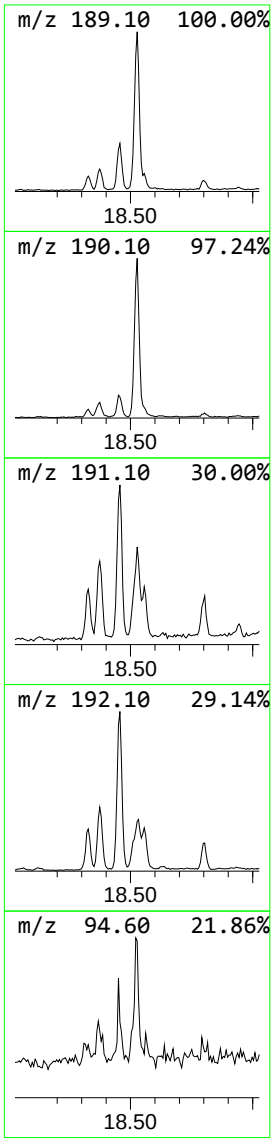
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	3.35 ng/ul	496472	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	49
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





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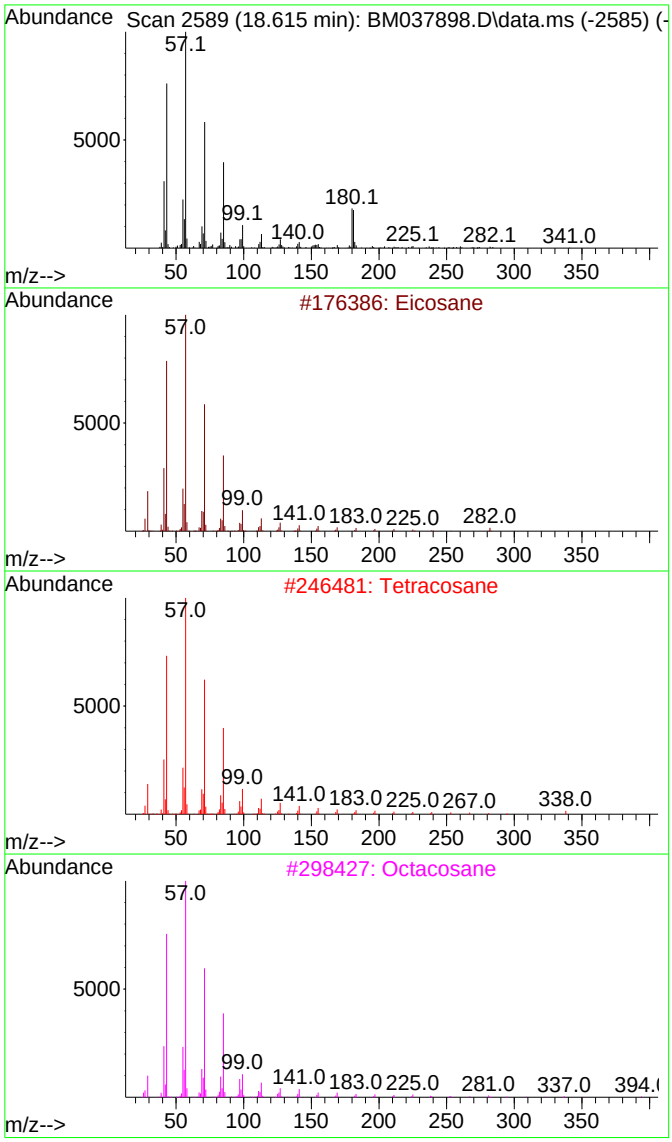
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

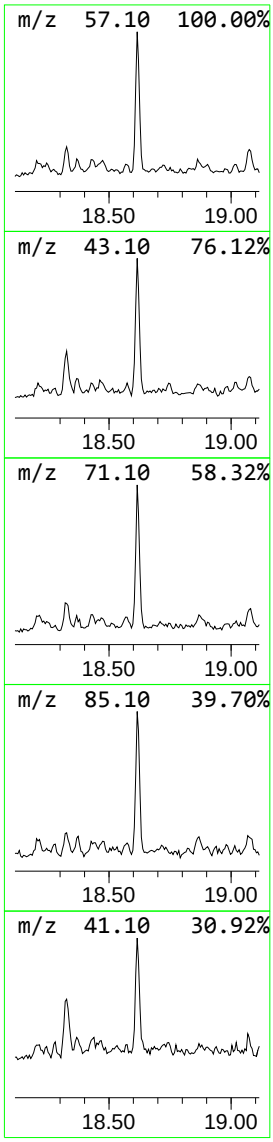
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.615	2.43 ng/ul	360250	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tetracosane	338	C24H50	000646-31-1	83
3	Octacosane	394	C28H58	000630-02-4	81
4	Heptadecane	240	C17H36	000629-78-7	80
5	Nonadecane	268	C19H40	000629-92-5	80





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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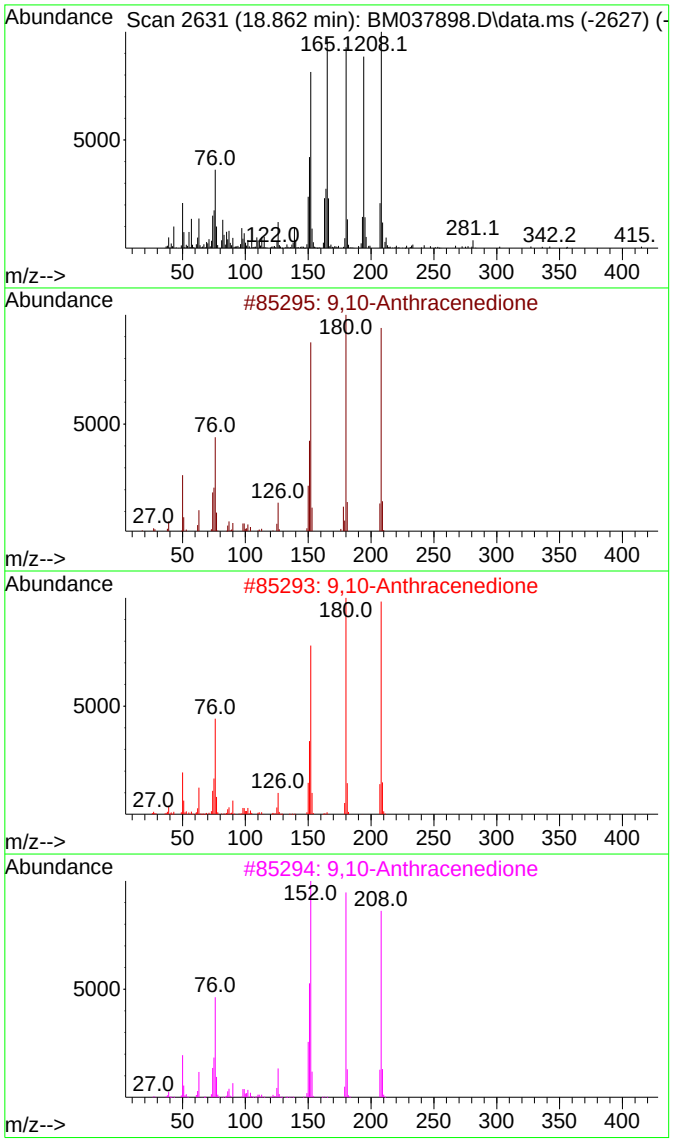
Quant Title : SVOA CALIBRATION

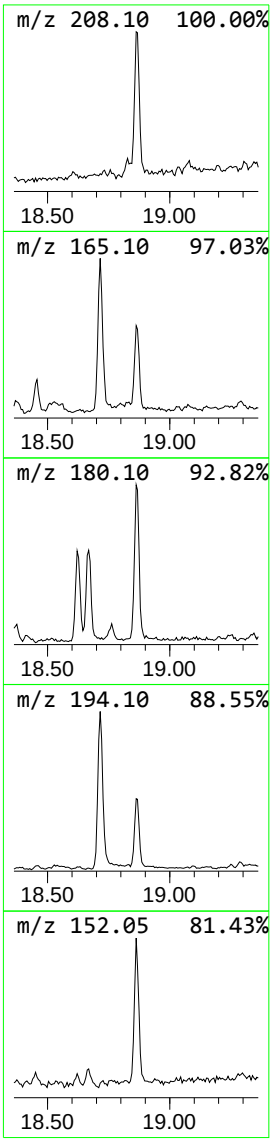
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.862	2.81 ng/ul	416986	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	55





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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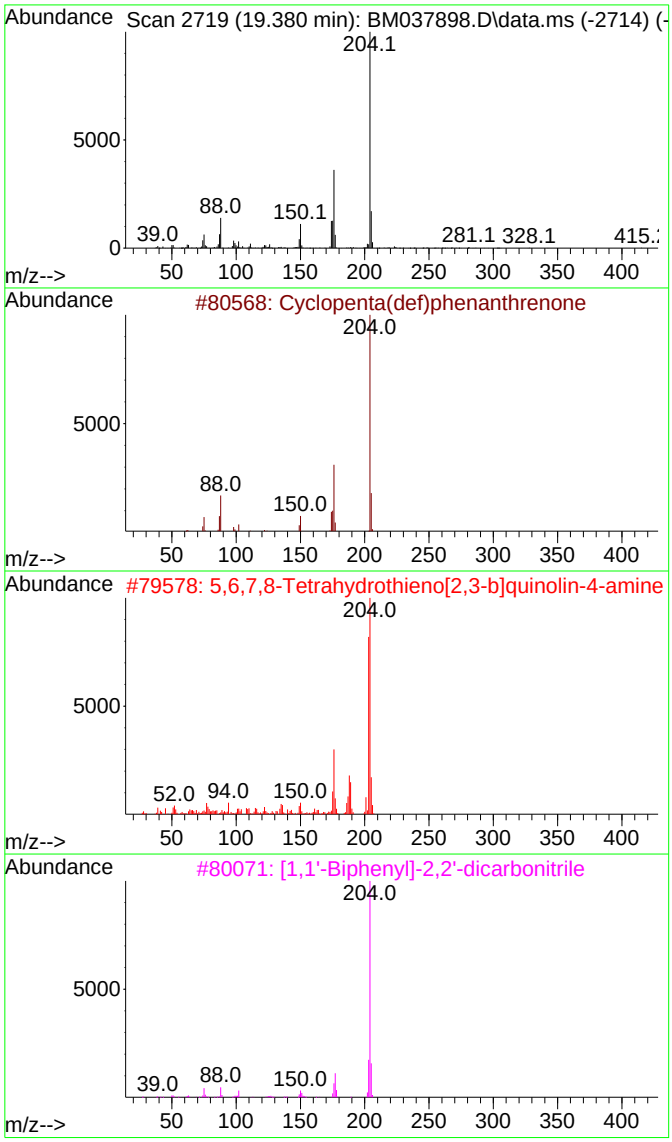
Quant Title : SVOA CALIBRATION

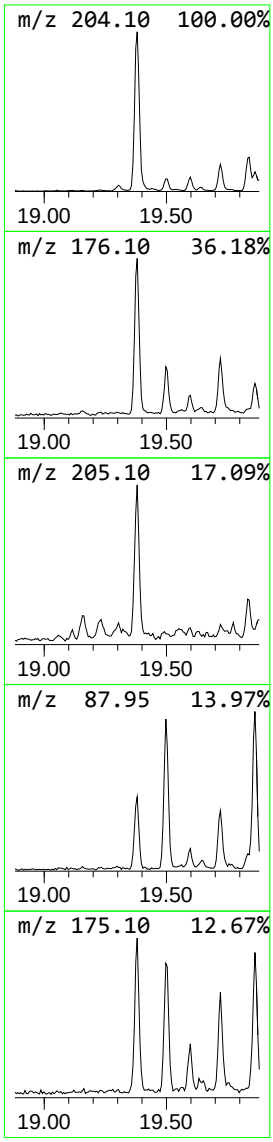
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	5.26 ng/ul	779822	Phenanthrene-d10	17.451

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	64
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	64
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	59
5	3H-pyrazol-3-one, 5-ethoxy-2,4-d...	204	C11H12N2O2	1000400-47-1	59





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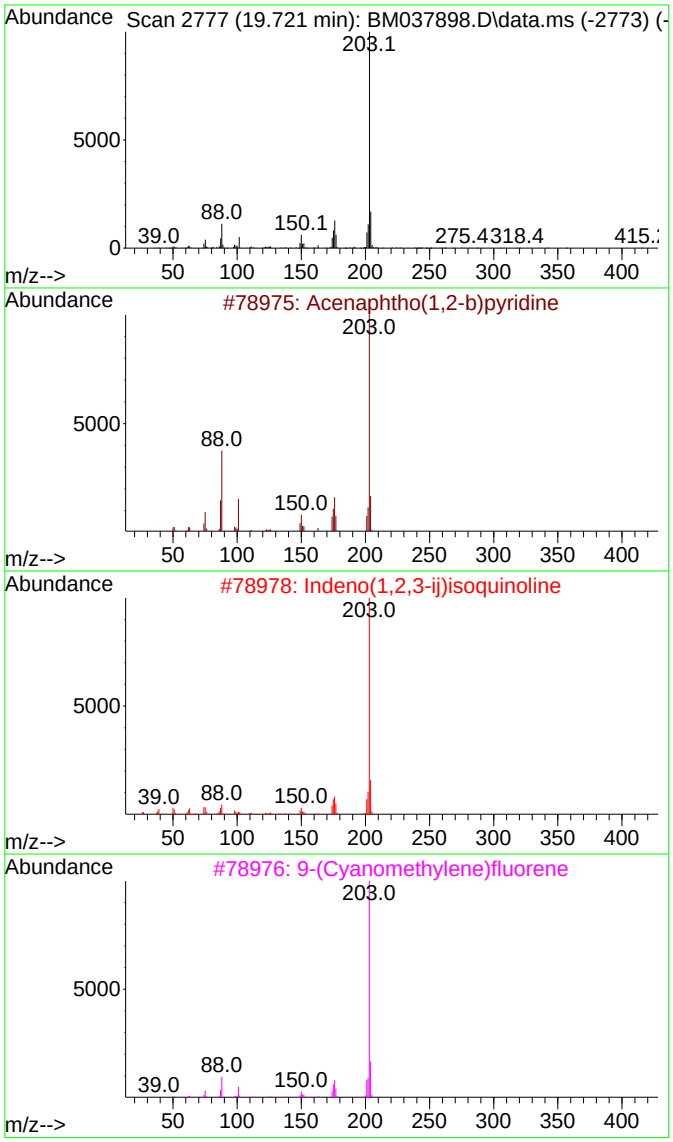
Quant Title : SVOA CALIBRATION

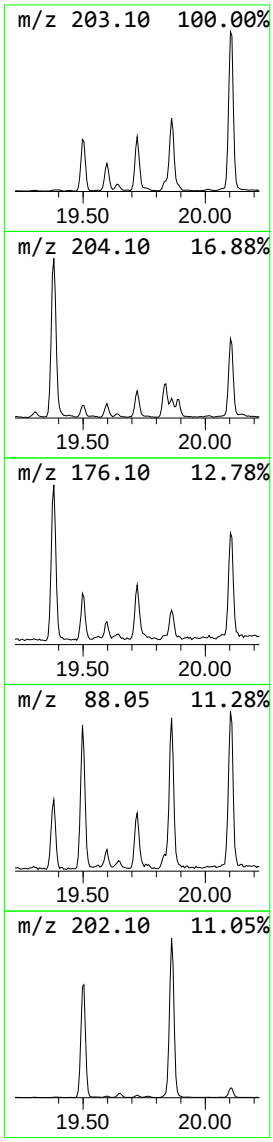
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Acenaphtho(1,2-b)pyridine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.721	2.42 ng/ul	760964	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	97
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
3	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	97
4	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	96
5	9-Cyanophenanthrene	203	C15H9N	002510-55-6	95





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ALS Vial : 23 Sample Multiplier: 1

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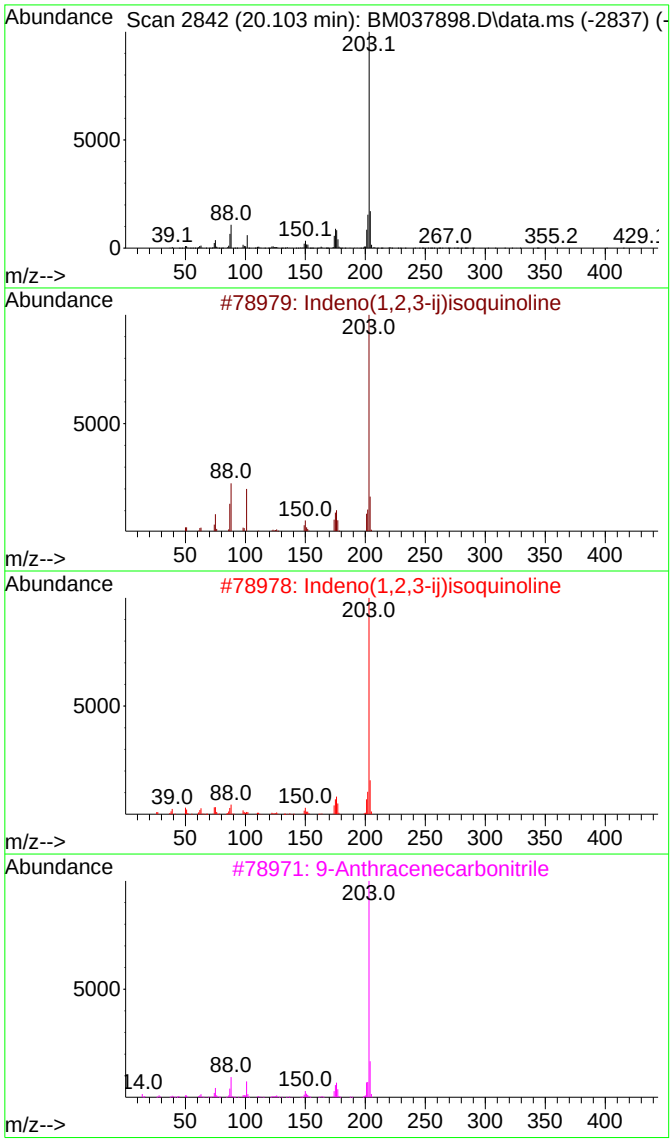
Quant Title : SVOA CALIBRATION

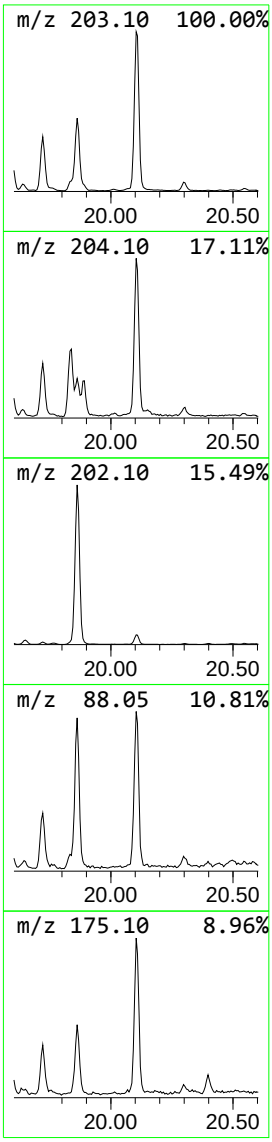
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Indeno(1,2,3-ij)isoquinoline Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.103	5.19 ng/ul	1634160	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
4	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
5	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	96





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Sample : N5832-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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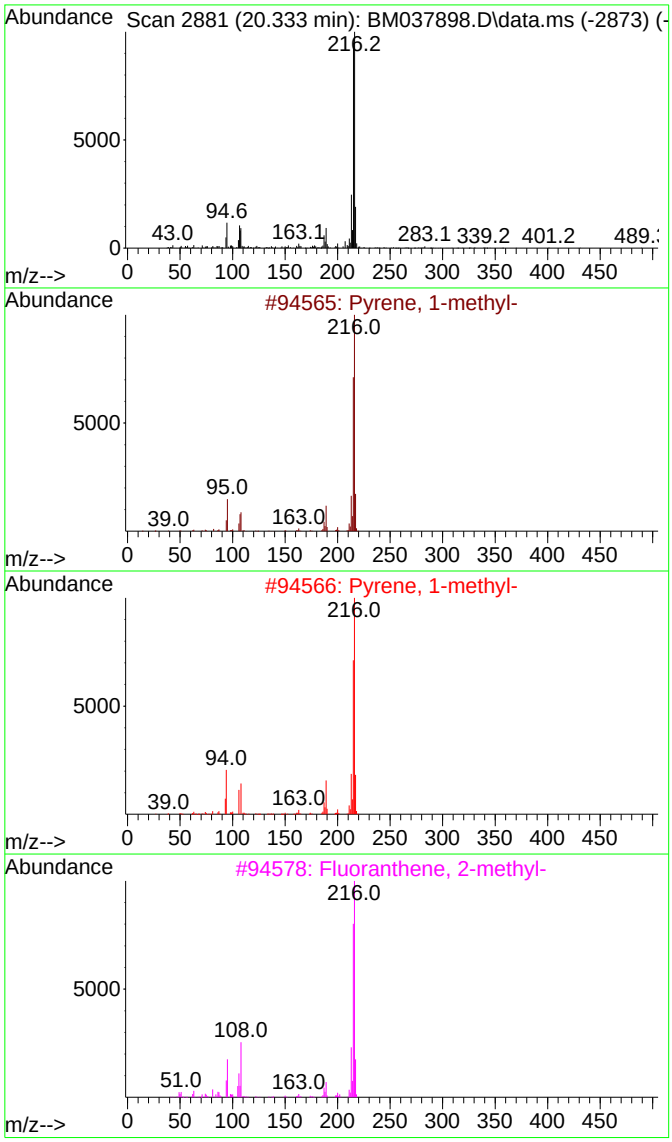
Quant Title : SVOA CALIBRATION

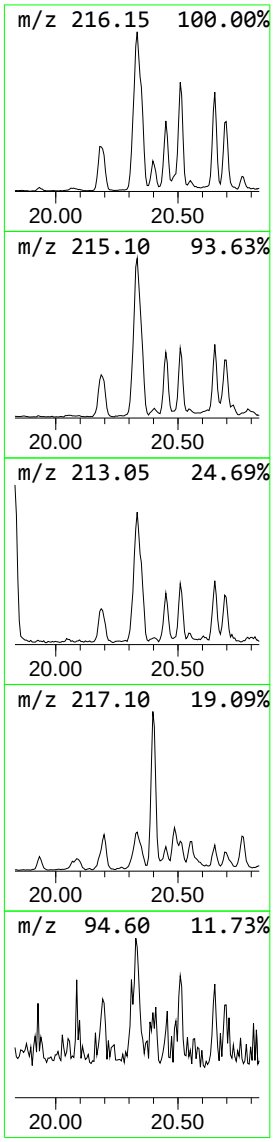
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	3.82 ng/ul	1202970	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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ALS Vial : 23 Sample Multiplier: 1

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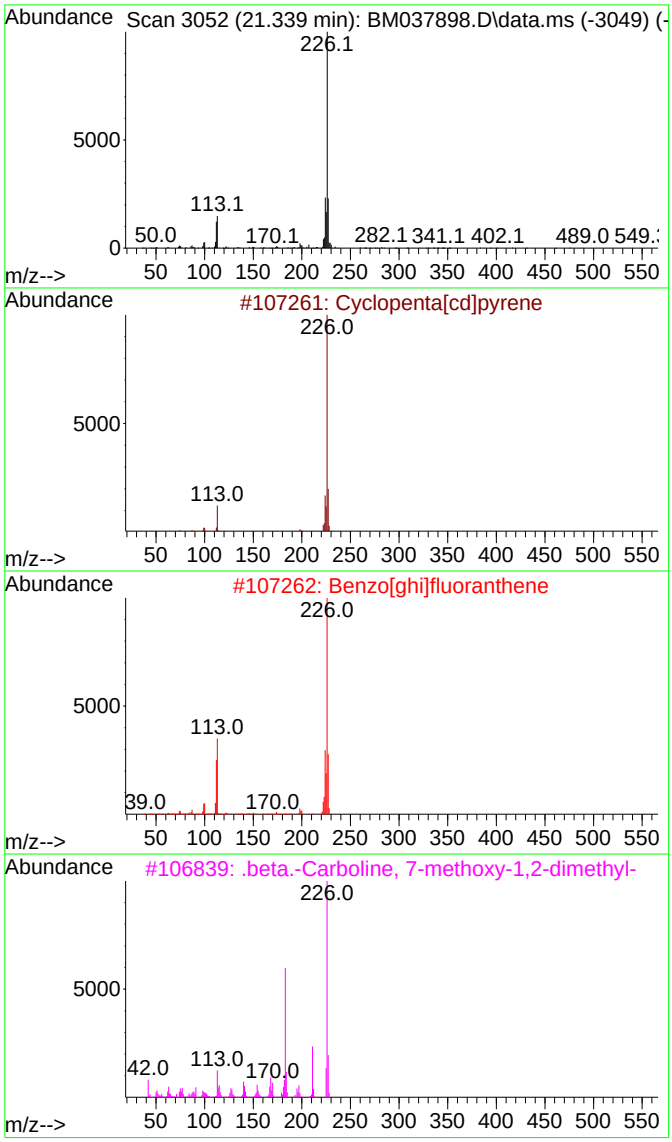
Quant Title : SVOA CALIBRATION

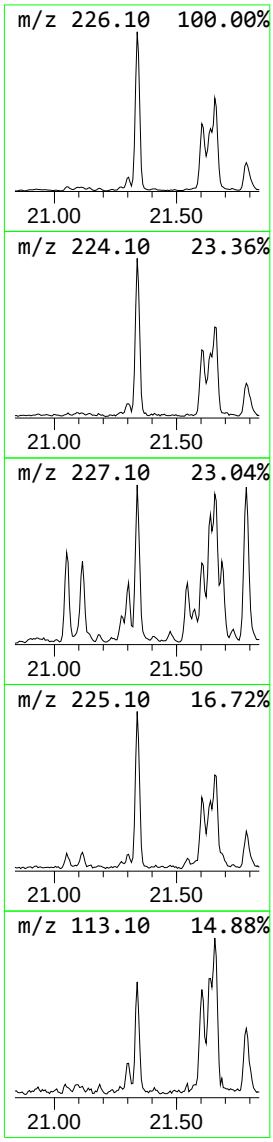
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	2.53 ng/ul	796462	Chrysene-d12	21.621

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	74
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	38





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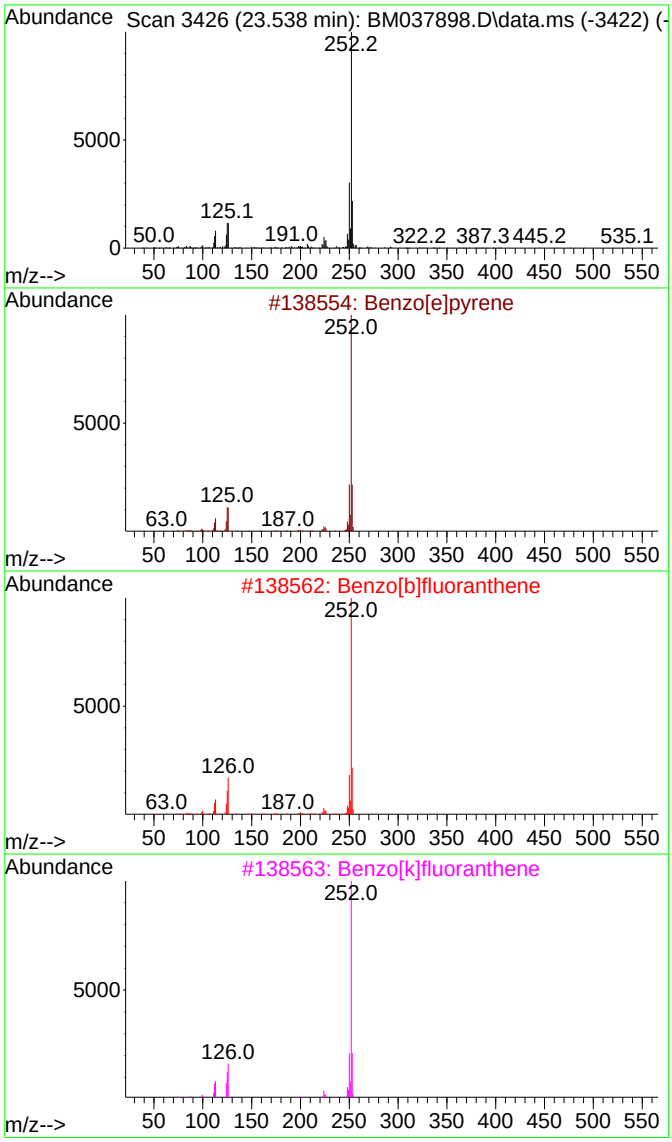
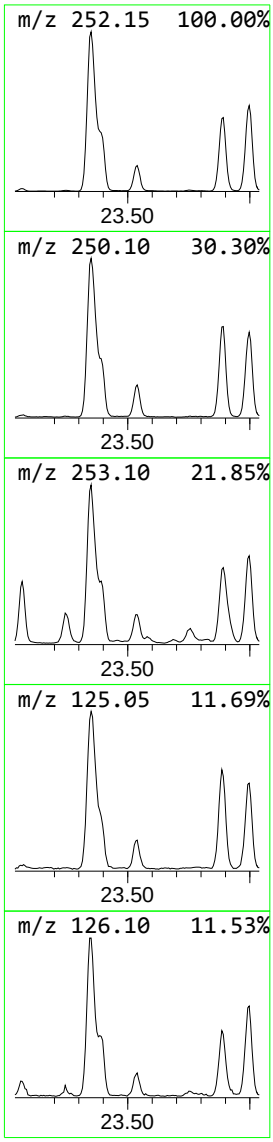
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.538	5.14 ng/ul	815345	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
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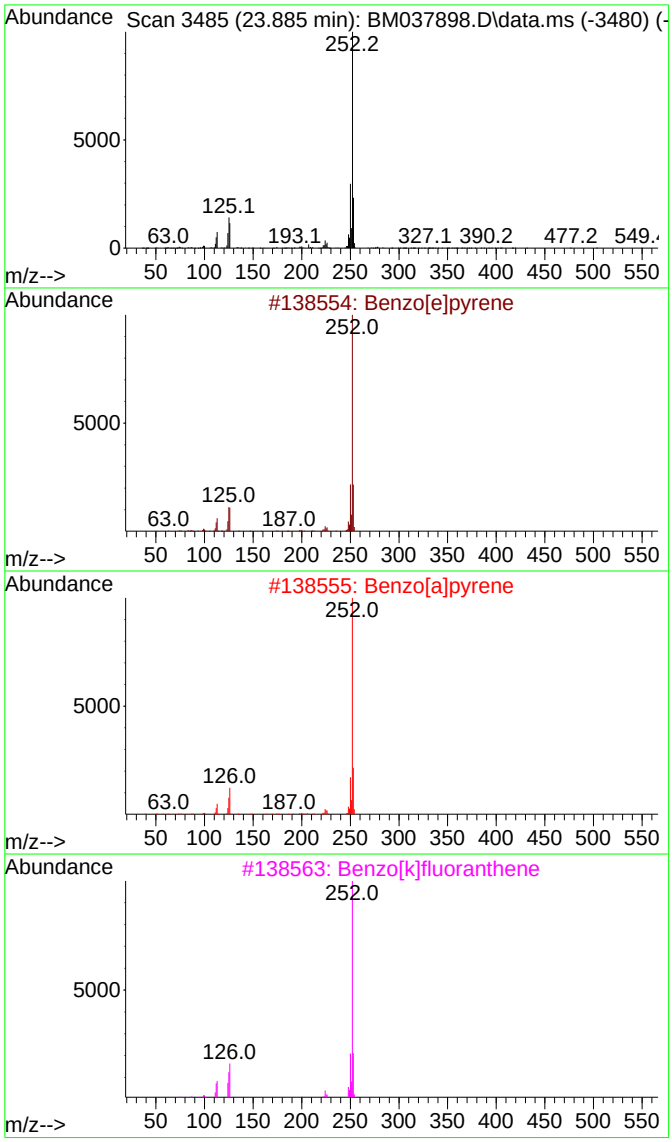
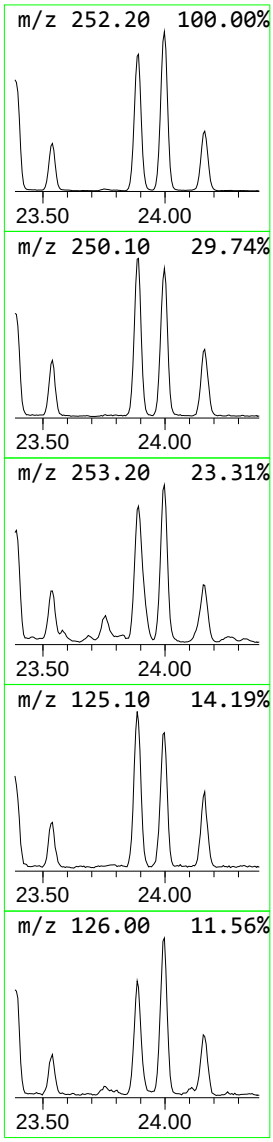
****
Peak Number 15 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	16.50 ng/ul	2619320	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Perylene	252	C20H12	000198-55-0	95





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
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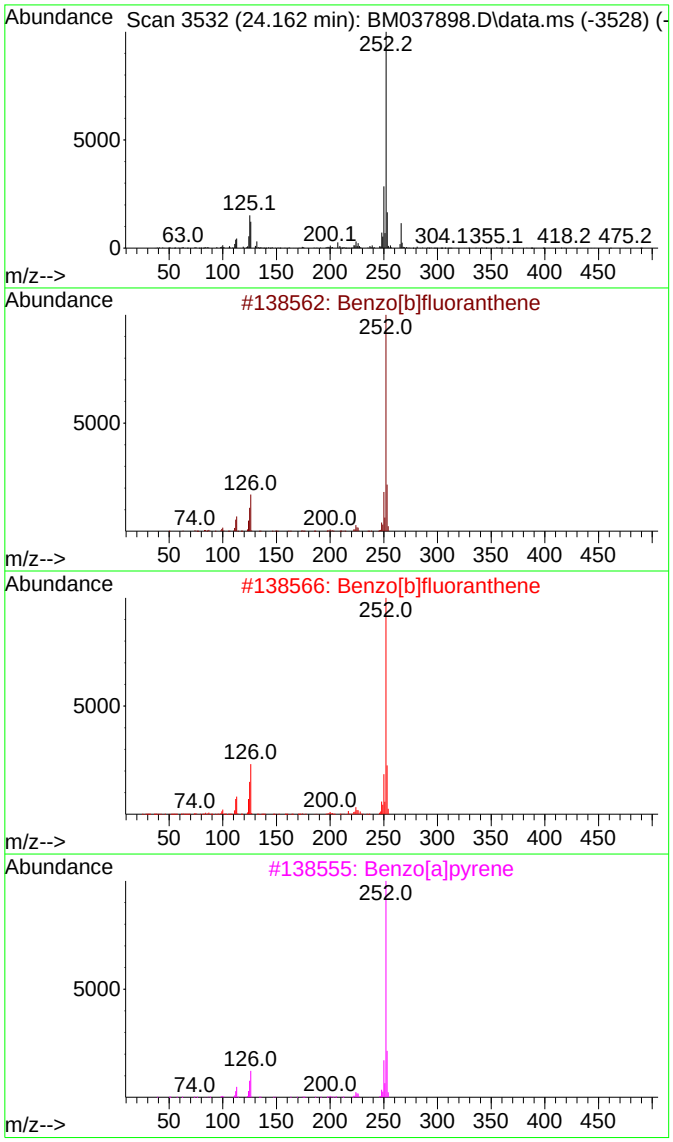
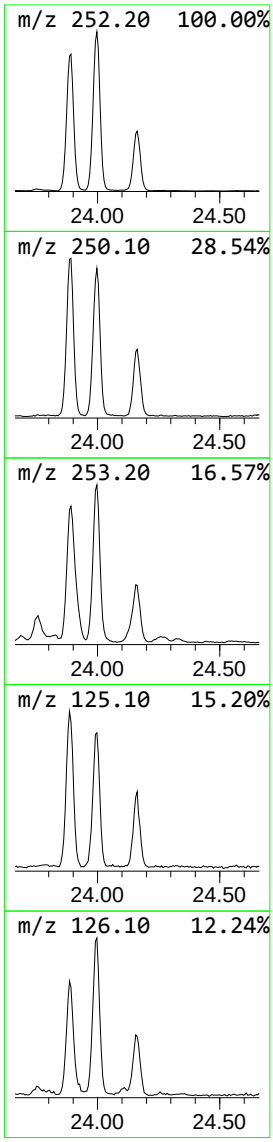
****

Peak Number 16 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.162	10.24 ng/ul	1625290	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
3	Benzo[a]pyrene	252	C20H12	000050-32-8	86
4	Benzo[a]pyrene	252	C20H12	000050-32-8	86
5	Perylene	252	C20H12	000198-55-0	83





Tentatively Identified Compound (LSC) summary

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Data File : BM037898.D
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Operator : CG/JU
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Misc :
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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	3.3	ng/ul	468757	3	14.716	2813920	20.0
unknown-01	16.421	2.7	ng/ul	399135	4	17.451	2965050	20.0
(DEL) Alkane: S...	17.186	2.3	ng/ul	335860	4	17.451	2965050	20.0
5H-Indeno[1,2-b...	17.856	15.4	ng/ul	2282800	4	17.451	2965050	20.0
Phenanthrene, 2...	18.456	2.3	ng/ul	343912	4	17.451	2965050	20.0
4H-Cyclopenta[d...	18.527	3.4	ng/ul	496472	4	17.451	2965050	20.0
(DEL) Alkane: S...	18.615	2.4	ng/ul	360250	4	17.451	2965050	20.0
9,10-Anthracene...	18.862	2.8	ng/ul	416986	4	17.451	2965050	20.0
Cyclopenta(def)...	19.380	5.3	ng/ul	779822	4	17.451	2965050	20.0
Acenaphtho(1,2-...	19.721	2.4	ng/ul	760964	5	21.621	6292350	20.0
Indeno(1,2,3-ij...	20.103	5.2	ng/ul	1634160	5	21.621	6292350	20.0
Pyrene, 1-methyl-	20.333	3.8	ng/ul	1202970	5	21.621	6292350	20.0
Cyclopenta[cd]p...	21.339	2.5	ng/ul	796462	5	21.621	6292350	20.0
Benzo[e]pyrene	23.538	5.1	ng/ul	815345	6	24.109	3174390	20.0
Perylene	23.886	16.5	ng/ul	2619320	6	24.109	3174390	20.0
unknown-02	24.162	10.2	ng/ul	1625290	6	24.109	3174390	20.0