LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM8

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: BM037919.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.881	81	84	91	rBV2	25307	47457	0.82%	0.078%
2	4.193	132	137	145	rVB	19913	30291	0.52%	0.050%
3	6.040	446	451	458	rBV3	14080	26847	0.46%	0.044%
4	7.234	649	654	662	rVB	84853	136701	2.36%	0.224%
5	7.404	676	683	691	rBV	66841	107589	1.86%	0.176%
6	7.610	709	718	726	rBV	83840	139878	2.41%	0.229%
7	7.734	734	739	745	rBV5	14763	29217	0.50%	0.048%
8	8.081	790	798	807	rBV	996129	1554706	26.81%	2.546%
9	8.351	839	844	849	rVB2	12886	20539	0.35%	0.034%
10	8.628	882	891	903	rBV	88292	175762	3.03%	0.288%
11	8.792	913	919	926	rBV	89813	144841	2.50%	0.237%
12	8.916	935	940	947	rVB4	11012	18851	0.33%	0.031%
13	9.251	990	997	1004	rBV	72838	128736	2.22%	0.211%
14	9.981	1115	1121	1128	rVB2	56984	92736	1.60%	0.152%
15	10.328	1174	1180	1185	rBV7	11714	24191	0.42%	0.040%
16	10.398	1185	1192	1196	rVV7	11218	20346	0.35%	0.033%
17	10.522	1206	1213	1222	rVB	80920	138568	2.39%	0.227%
18	10.904	1268	1278	1283	rVV	1305594	2156923	37.19%	3.532%
19	10.951	1283	1286	1295	rVV	124777	199987	3.45%	0.327%
20	11.039	1295	1301	1313	rVB3	45372	100601	1.73%	0.165%
21	12.398	1526	1532	1540	rBV	20107	48968	0.84%	0.080%
22	12.551	1552	1558	1565	rVB	57633	87281	1.50%	0.143%
23	12.674	1572	1579	1589	rBV5	14715	37094	0.64%	0.061%
24	12.769	1589	1595	1601	rVB	22266	40378	0.70%	0.066%
25	13.551	1725	1728	1732	rVV2	16220	22147	0.38%	0.036%
26	13.604	1732	1737	1741	rVV	23806	35173	0.61%	0.058%
27	13.686	1745	1751	1757	rBV5	12336	23687	0.41%	0.039%
28	13.757	1757	1763	1770	rVB8	7849	19073	0.33%	0.031%
29	14.033	1803	1810	1816	rBV4	17759	36342	0.63%	0.060%
30	14.116	1816	1824	1829	rBV	135170	202519	3.49%	0.332%
31	14.174	1829	1834	1838	rVB3	29180	51138	0.88%	0.084%
32	14.410	1866	1874	1875	rVV	163541	229456	3.96%	0.376%
33	14.433	1875	1878	1890	rVB	305361	503473	8.68%	0.824%
34	14.586	1900	1904	1909	rVB	51773	64188	1.11%	0.105%
35	14.710	1913	1925	1933	rBV	1662644	2540967	43.81%	4.161%
36	14.774	1933	1936	1945	rVB	84681	131470	2.27%	0.215%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM8

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	14.851	1945	1949	1954	rBV2	15841	26881	0.46%	0.044%
38	14.910	1954	1959	1960	rBV5	19084	29862	0.51%	0.049%
39	15.021	1976	1978	1985	rVB8	14856	25660	0.44%	0.042%
40	15.104	1986	1992	1997	rBV	77324	131368	2.27%	0.215%
41	15.198	2006	2008	2015	rVB	22906	31551	0.54%	0.052%
42	15.327	2027	2030	2034	rVB4	16495	22230	0.38%	0.036%
43	15.533	2061	2065	2069	rBV	127487	158656	2.74%	0.260%
44	15.580	2069	2073	2079	rBV6	15980	33659	0.58%	0.055%
45	15.698	2088	2093	2098	rBV	203141	287057	4.95%	0.470%
46	15.751	2098	2102	2109	rVV	84988	143646	2.48%	0.235%
47	15.815	2109	2113	2121	rVB5	42933	85820	1.48%	0.141%
48	15.939	2127	2134	2139	rBV	98963	195636	3.37%	0.320%
49	16.039	2147	2151	2157	rBV5	30975	64855	1.12%	0.106%
50	16.092	2157	2160	2166	rVB2	35387	45073	0.78%	0.074%
51	16.157	2168	2171	2174	rBV3	32023	43320	0.75%	0.071%
52	16.398	2207	2212	2214	rBV	297427	450342	7.77%	0.737%
53	16.421	2214	2216	2229	rVB3	275084	404029	6.97%	0.662%
54	16.739	2266	2270	2274	rBV4	48018	88178	1.52%	0.144%
55	16.851	2287	2289	2293	rVB2	32065	32805	0.57%	0.054%
56	16.904	2294	2298	2301	rBV	47350	70016	1.21%	0.115%
57	16.968	2306	2309	2313	rBV3	37420	51921	0.90%	0.085%
58	17.027	2316	2319	2324	rVB	51073	69024	1.19%	0.113%
59	17.104	2327	2332	2337	rBV2	177577	276323	4.76%	0.452%
60	17.186	2342	2346	2350	rBV	413053	468470	8.08%	0.767%
61	17.239	2351	2355	2359	rBV	243466	308773	5.32%	0.506%
62	17.451	2385	2391	2395	rBV	1855229	2648152	45.66%	4.336%
63	17.492	2395	2398	2403	rVV	499051	666678	11.50%	1.092%
64	17.551	2404	2408	2409	rVV	185561	227828	3.93%	0.373%
65	17.586	2409	2414	2421	rVB	2297457	3284822	56.64%	5.379%
66	17.727	2435	2438	2445	rVB4	70136	108168	1.87%	0.177%
67	17.851	2454	2459	2465	rBV	279097	418705	7.22%	0.686%
68	17.927	2468	2472	2477	rVB	468414	549074	9.47%	0.899%
69	18.327	2537	2540	2543	rVB3	98556	113992	1.97%	0.187%
70	18.368	2544	2547	2553	rVB2	95769	130408	2.25%	0.214%
71	18.456	2558	2562	2568	rVB	170131	276236	4.76%	0.452%
72	18.527	2569	2574	2578	rBV2	193223	295465	5.09%	0.484%
73	18.615	2585	2589	2595	rBV	466940	547968	9.45%	0.897%
74	18.715	2602	2606	2613	rBV	146119	231446	3.99%	0.379%
75	18.862	2628	2631	2635	rBV2	179609	233459	4.03%	0.382%
76	19.245	2692	2696	2700	rVB	395430	472691	8.15%	0.774%

LSC Area Percent Report

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Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM8

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	19.380	2715	2719	2728	rBV	253318	403709	6.96%	0.661%
78	19.498	2735	2739	2745	rVB	1401652	1816081	31.31%	2.974%
79	19.721	2774	2777	2784	rBV2	195652	268056	4.62%	0.439%
80	19.827	2790	2795	2797	rBV3	528065	846977	14.60%	1.387%
81	19.862	2797	2801	2809	rVB	2039864	2742490	47.29%	4.491%
82	20.103	2838	2842	2848	rVB	1034191	1351294	23.30%	2.213%
83	20.397	2889	2892	2897	rBV	357639	448297	7.73%	0.734%
84	20.450	2898	2901	2904	rVB	149671	183410	3.16%	0.300%
85	20.650	2932	2935	2939	rBV	282645	347697	6.00%	0.569%
86	20.845	2965	2968	2974	rBV	230303	274693	4.74%	0.450%
87	21.097	3008	3011	3017	rVB2	269231	432044	7.45%	0.707%
88	21.303	3043	3046	3049	rVB3	250806	276963	4.78%	0.454%
89	21.344	3049	3053	3057	rVB	525085	650292	11.21%	1.065%
90	21.621	3094	3100	3104	rBV2	1999675	3886484	67.01%	6.364%
91	21.662	3104	3107	3117	rVB	1384217	1996893	34.43%	3.270%
92	21.950	3153	3156	3161	rVB	323887	440214	7.59%	0.721%
93	23.350	3388	3394	3400	rBV2	2458565	5799538	100.00%	9.497%
94	23.538	3422	3426	3432	rVB	512529	868375	14.97%	1.422%
95	23.891	3480	3486	3493	rBV	1472468	2908745	50.15%	4.763%
96	23.997	3499	3504	3512	rVB	1447144	2731696	47.10%	4.473%
97	24.109	3517	3523	3528	rVV2	1330379	2866328	49.42%	4.694%
98	24.162	3529	3532	3541	rVB2	661506	1397940	24.10%	2.289%
99	26.703	3957	3964	3969	rBV	952894	2703320	46.61%	4.427%
100	27.515	4095	4102	4114	rVB	743746	2308471	39.80%	3.780%

Sum of corrected areas: 61068375

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
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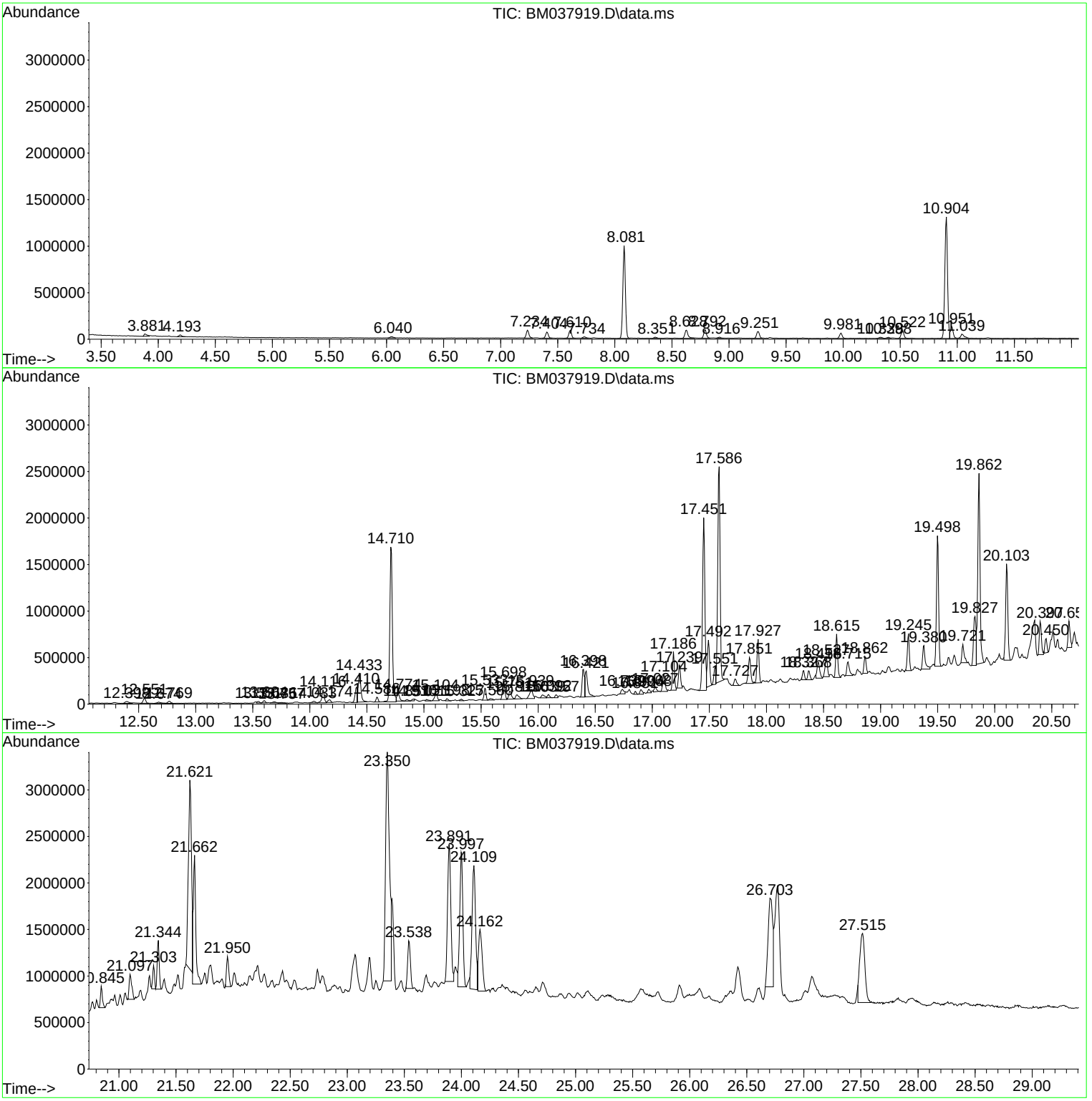
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM8

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\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
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Sample : N5896-10 10X
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Instrument :
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ClientSampleId :
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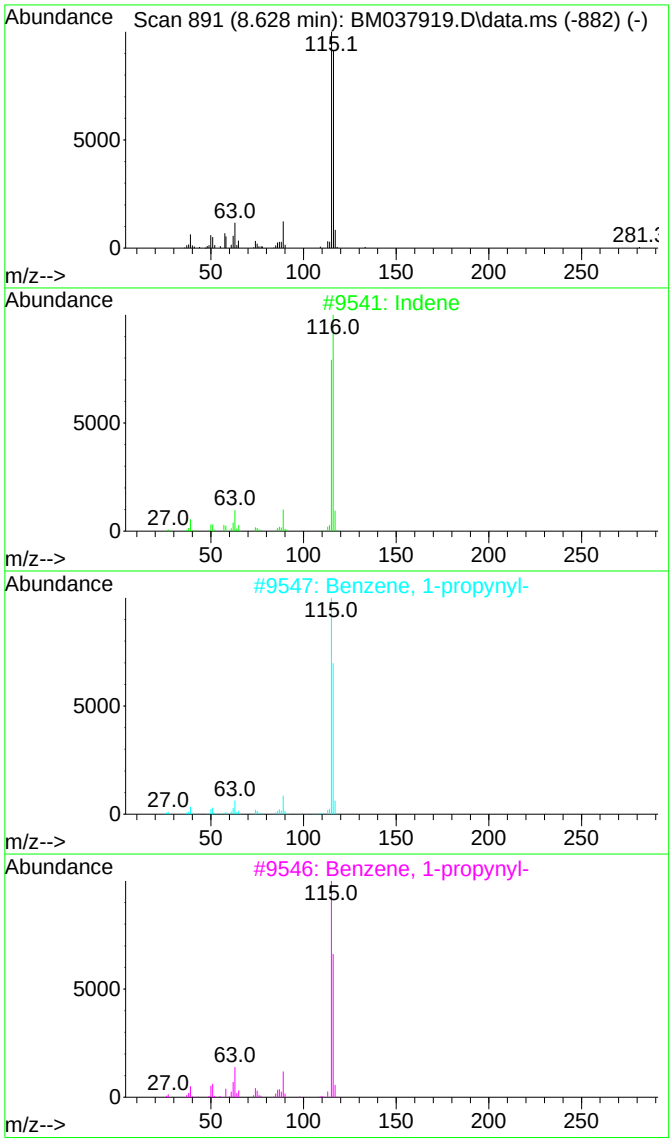
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

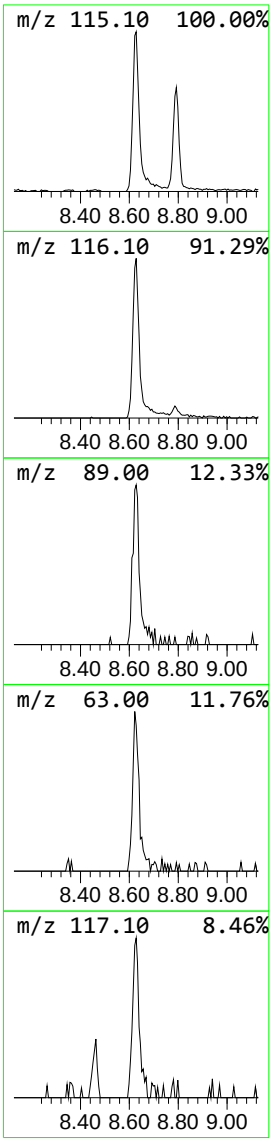
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Indene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	2.26 ng/ul	175762	1,4-Dichlorobenzene-d4	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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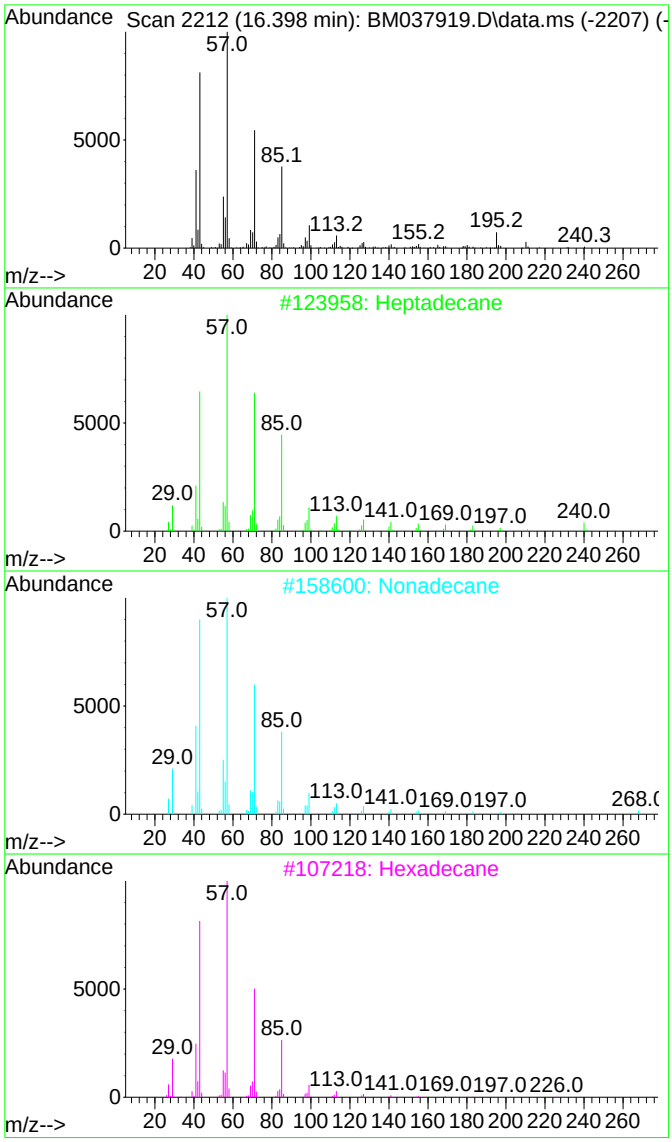
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

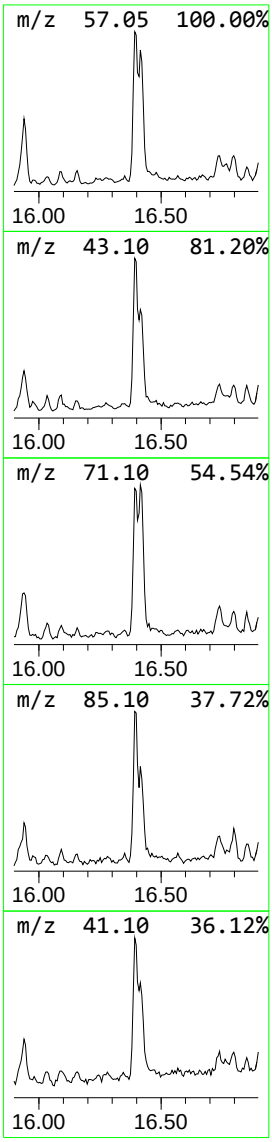
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	3.40 ng/ul	450342	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Nonadecane	268	C19H40	000629-92-5	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Heneicosane	296	C21H44	000629-94-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM8

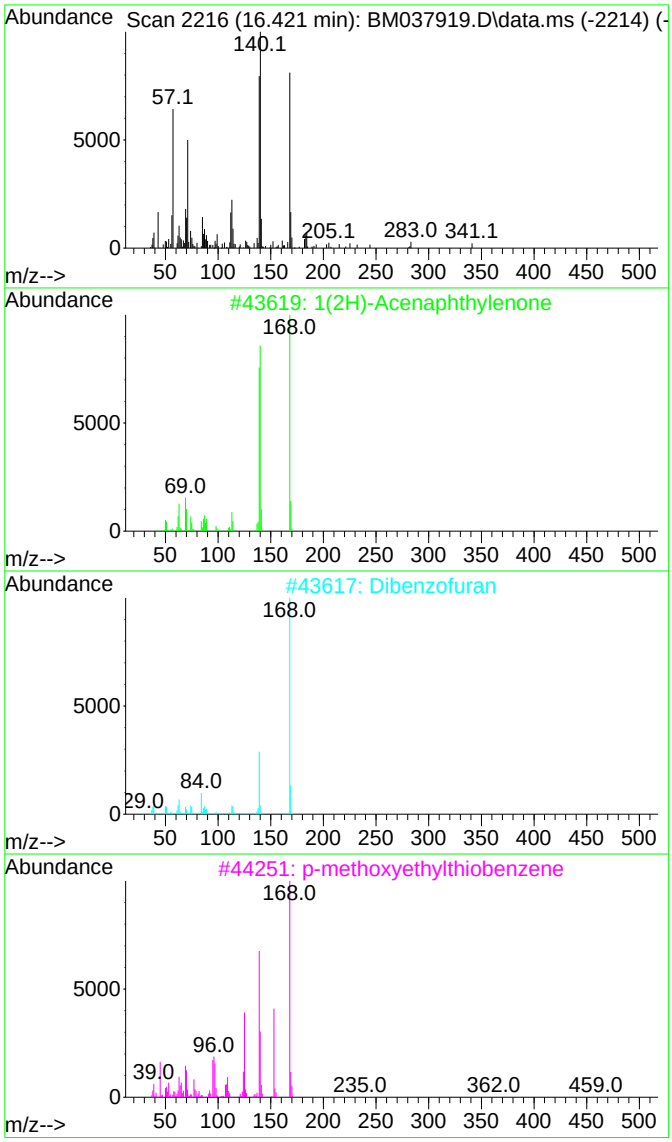
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

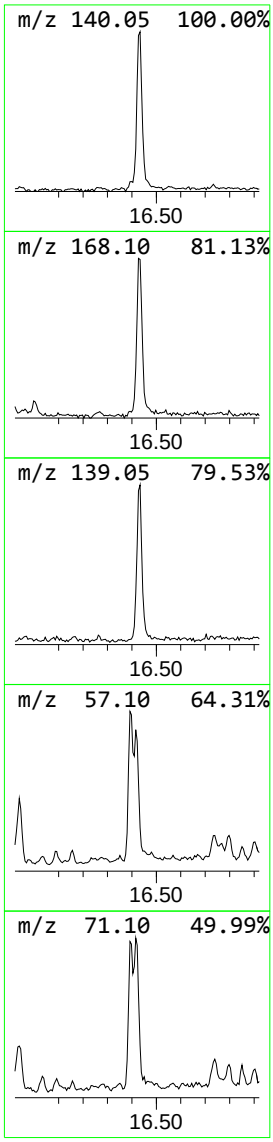
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1(2H)-Acenaphthylenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.421	3.05 ng/ul	404029	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	74
2	Dibenzofuran	168	C12H8O	000132-64-9	55
3	p-methoxyethylthiobenzene	168	C9H12OS	1000334-25-8	47
4	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	47
5	Dibenzofuran	168	C12H8O	000132-64-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
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Sample : N5896-10 10X
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BNA_M
ClientSampleId :
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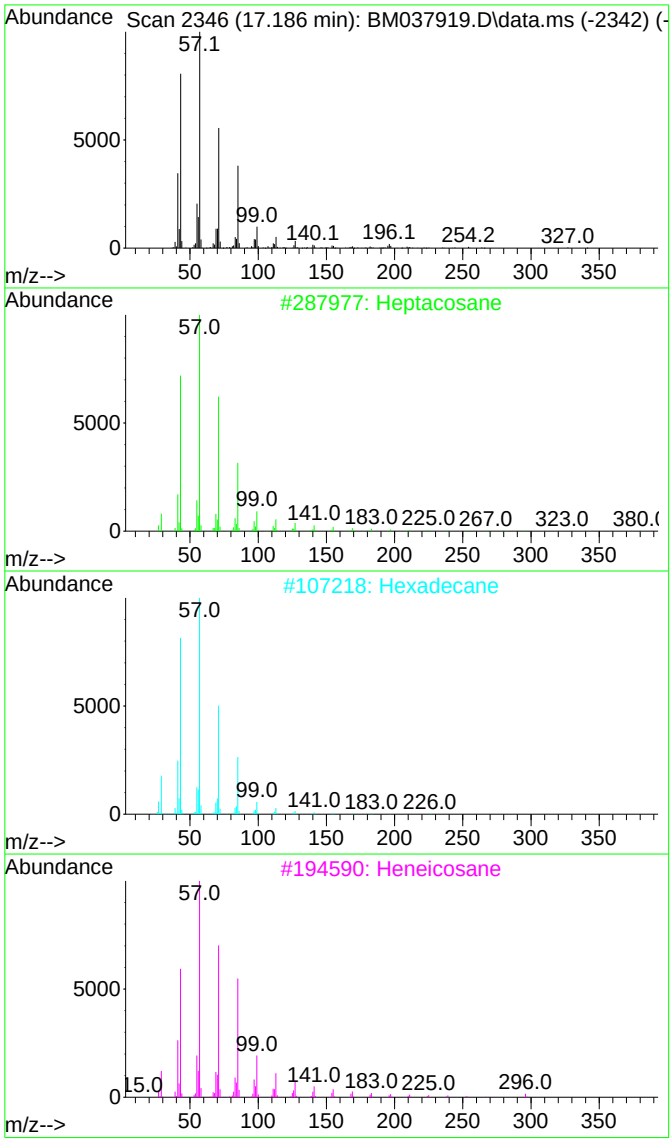
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

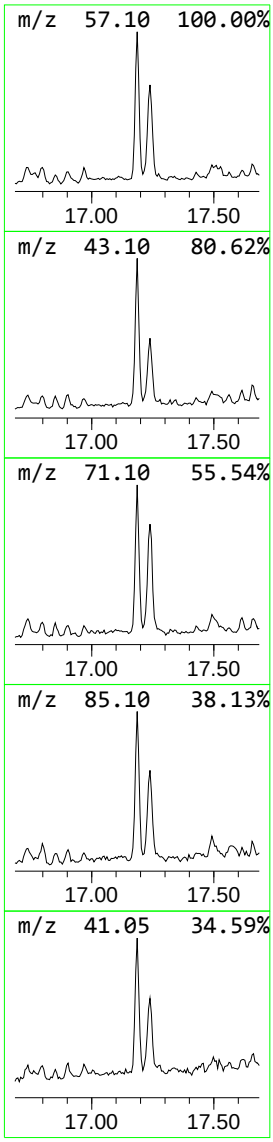
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	3.54 ng/ul	468470	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM8

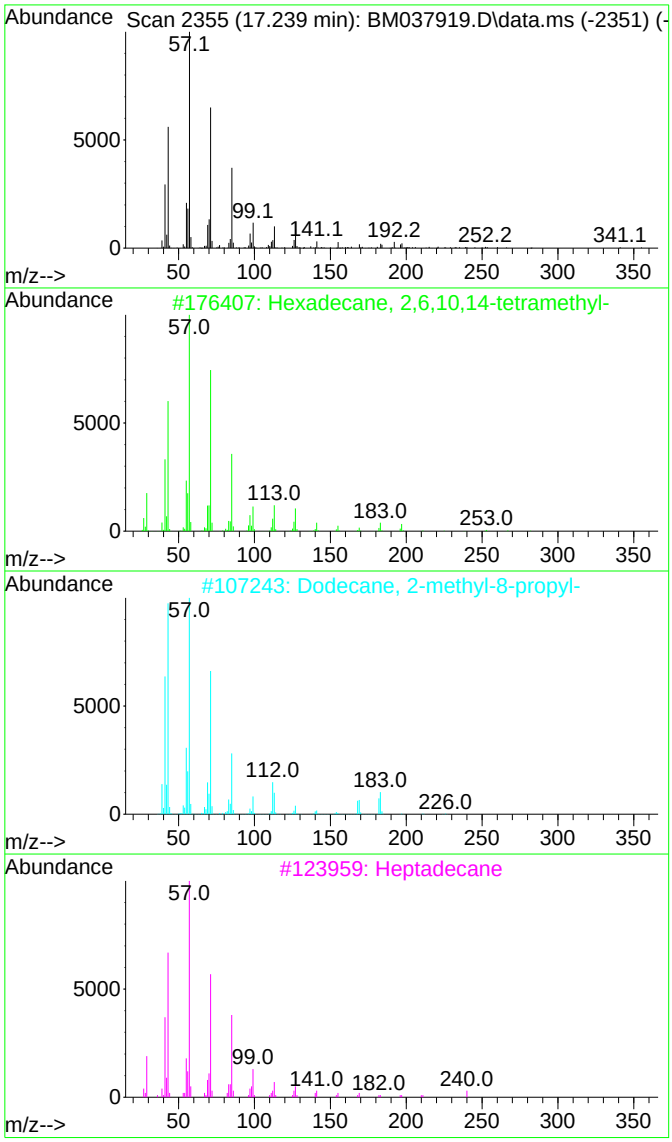
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

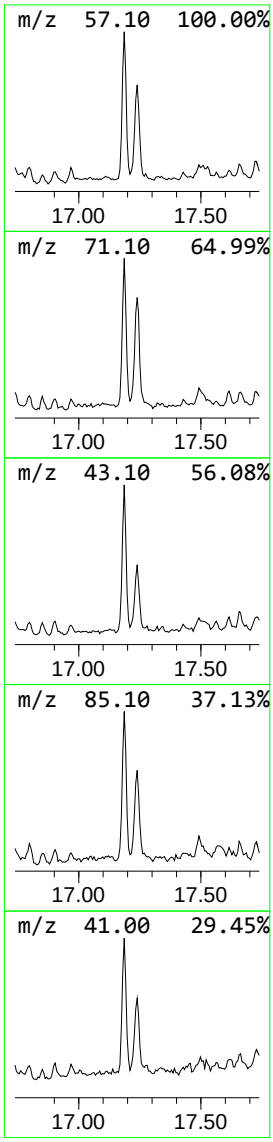
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.239	2.33 ng/ul	308773	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
5	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	87





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Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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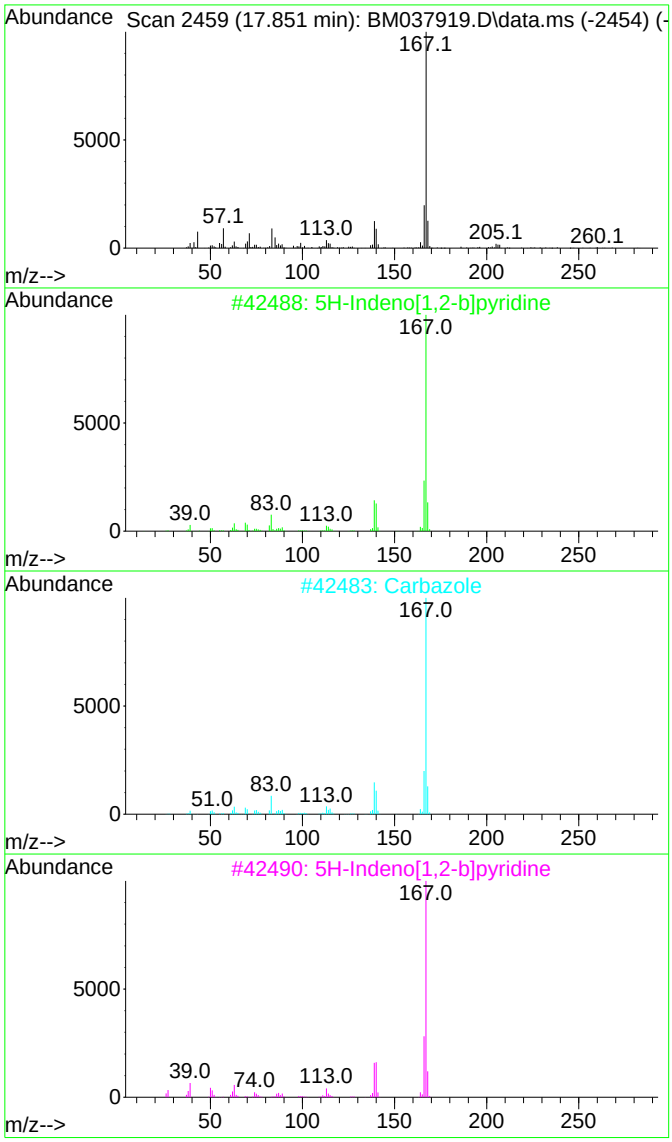
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

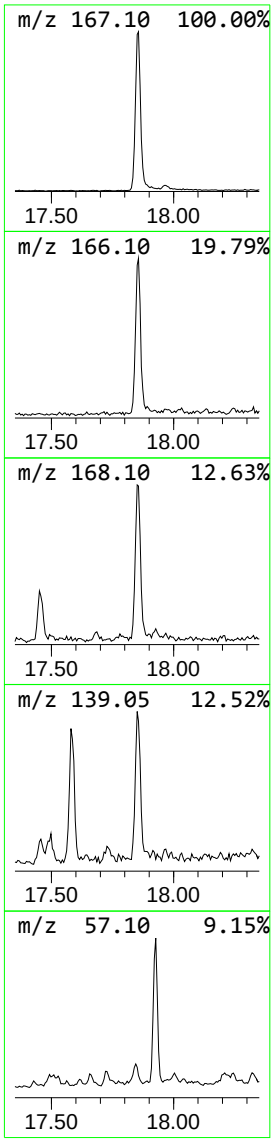
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	3.16 ng/ul	418705	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	87
4	Carbazole	167	C12H9N	000086-74-8	87
5	2-Azafluorene	167	C12H9N	000244-40-6	80





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ALS Vial : 13 Sample Multiplier: 1

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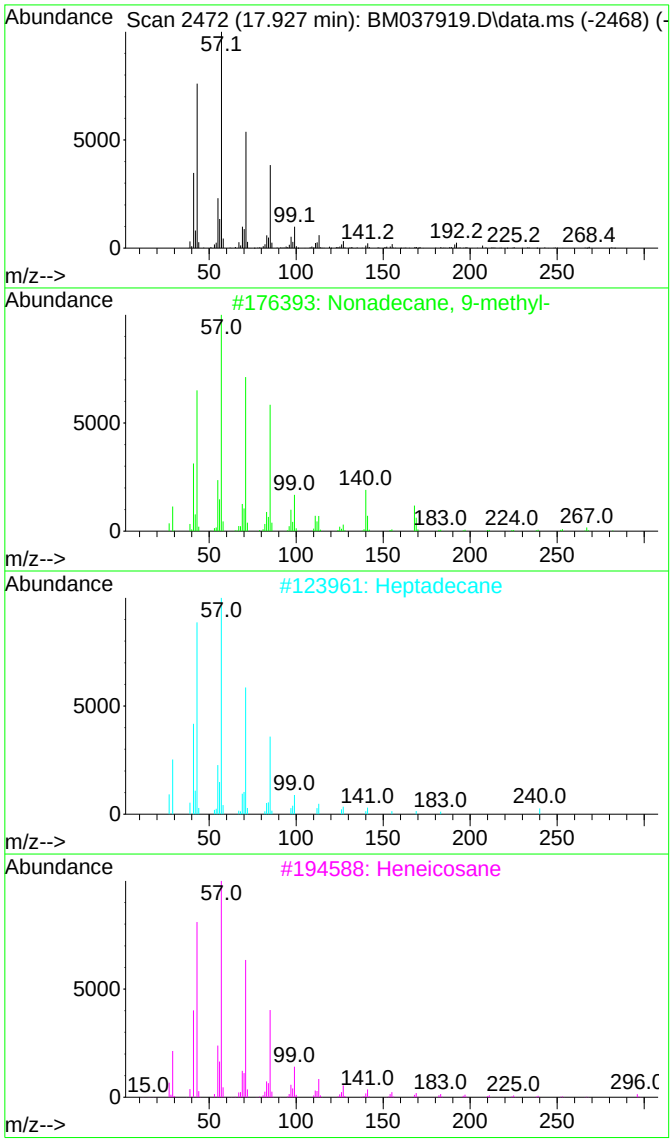
Quant Title : SVOA CALIBRATION

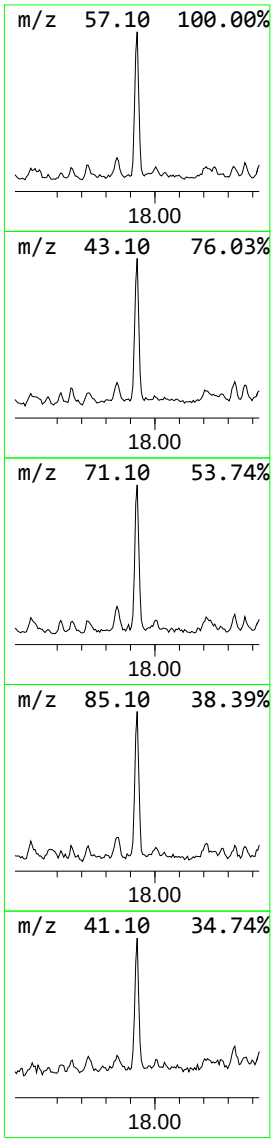
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chain Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	4.15 ng/ul	549074	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Nonadecane	268	C19H40	000629-92-5	90





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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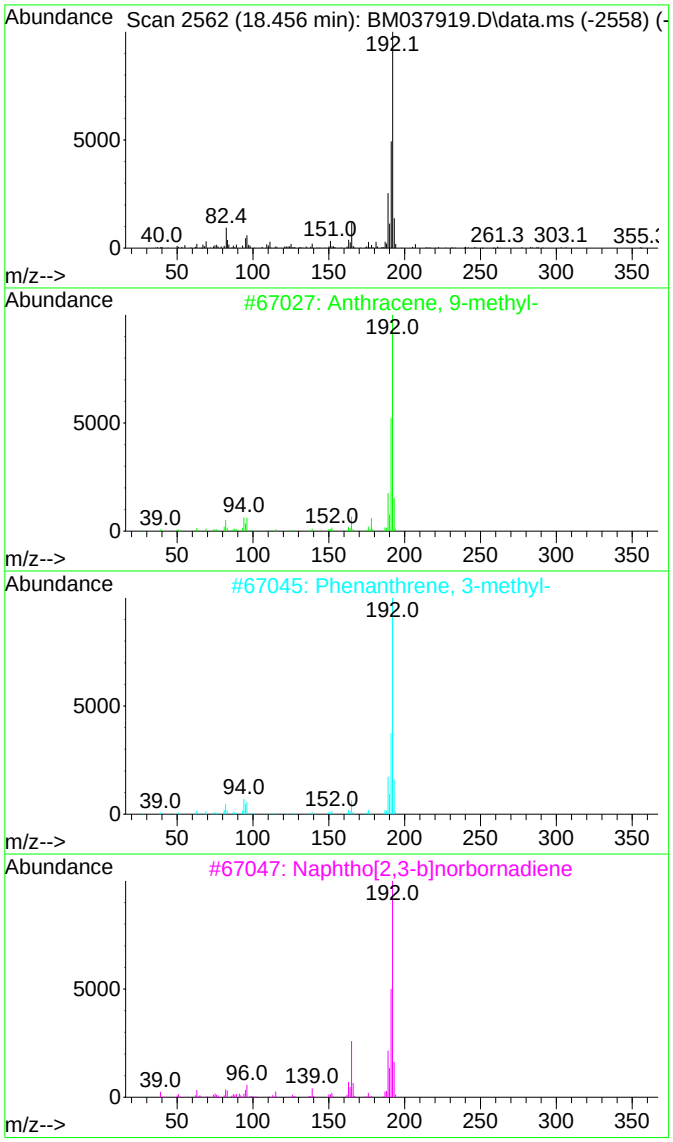
Quant Title : SVOA CALIBRATION

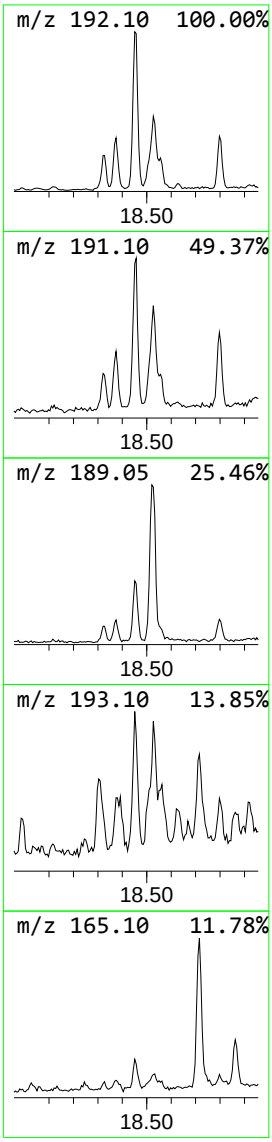
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.456	2.09 ng/ul	276236	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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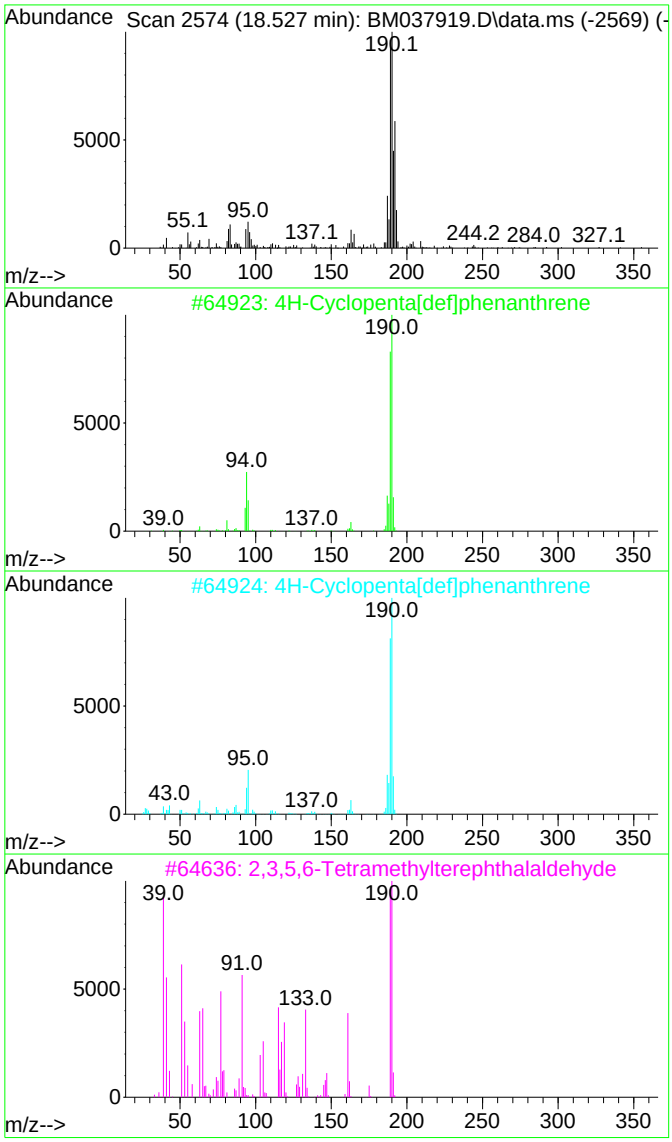
Quant Title : SVOA CALIBRATION

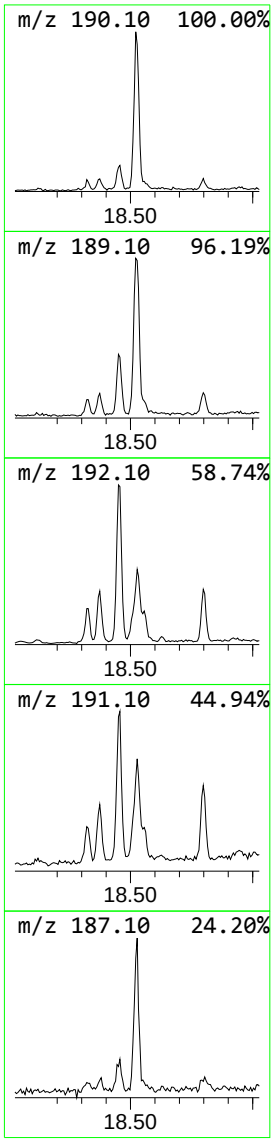
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	2.23 ng/ul	295465	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
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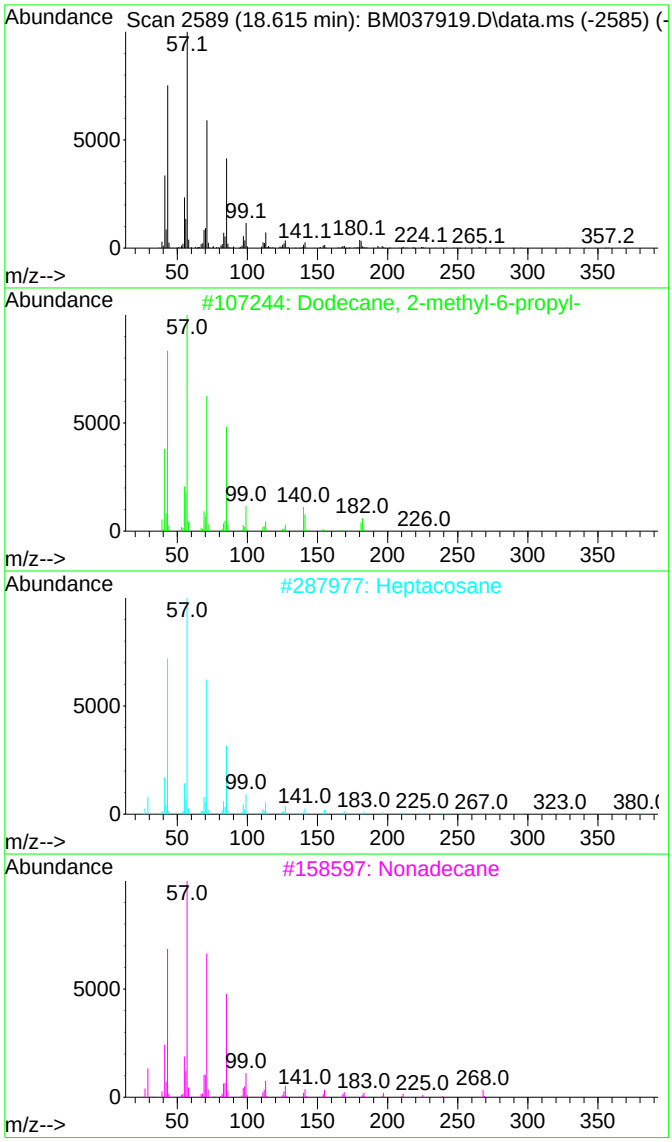
Quant Title : SVOA CALIBRATION

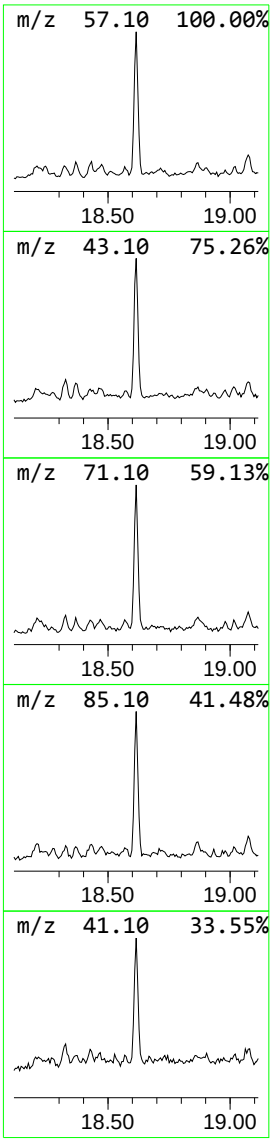
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.615	4.14 ng/ul	547968	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	90





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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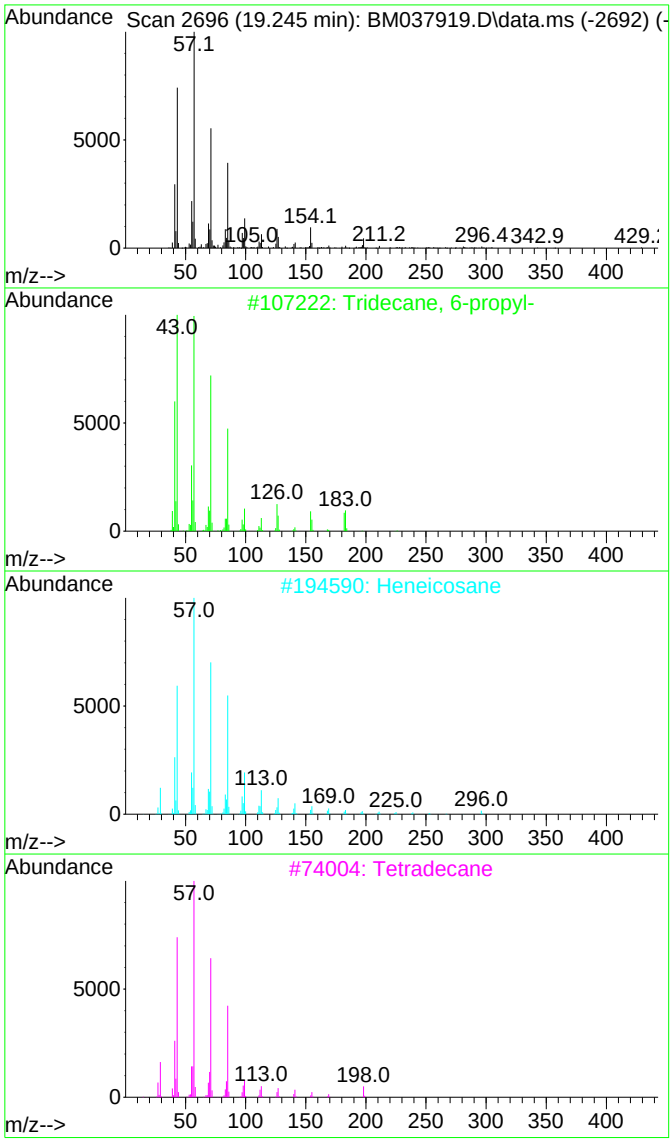
Quant Title : SVOA CALIBRATION

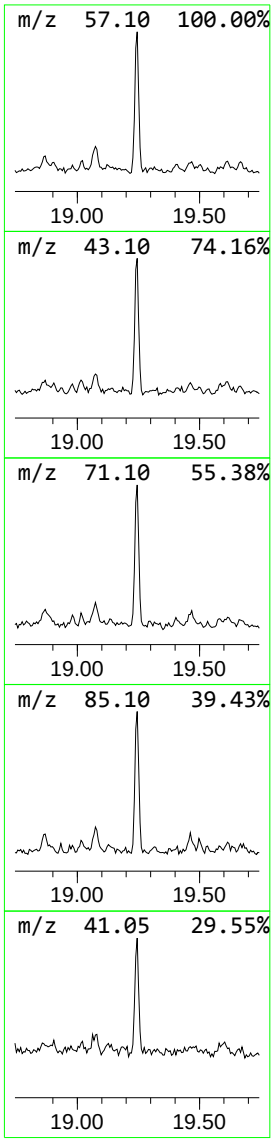
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	3.57 ng/ul	472691	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	95
2	Heneicosane	296	C21H44	000629-94-7	95
3	Tetradecane	198	C14H30	000629-59-4	94
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5	Heptacosane	380	C27H56	000593-49-7	87





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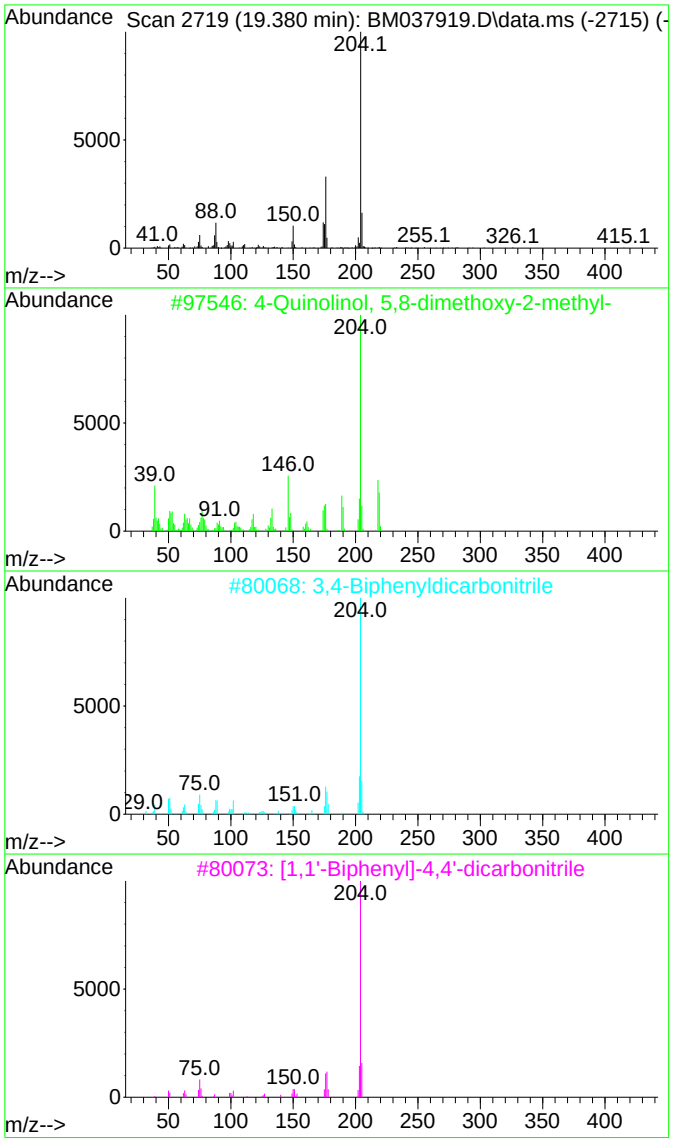
Quant Title : SVOA CALIBRATION

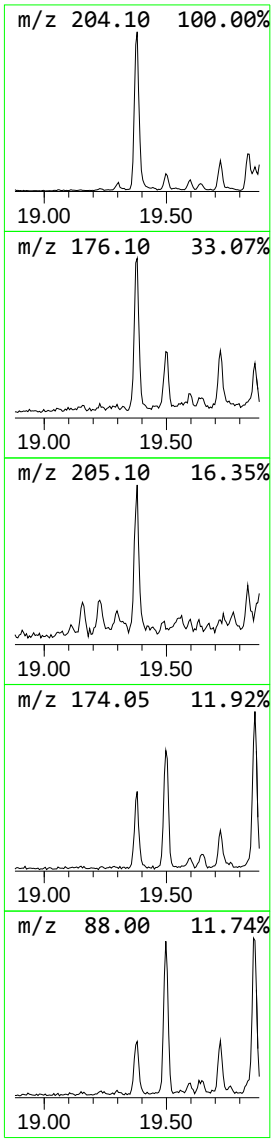
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4-Quinolinol, 5,8-dimethoxy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	3.05 ng/ul	403709	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	59
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	53
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	53





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ALS Vial : 13 Sample Multiplier: 1

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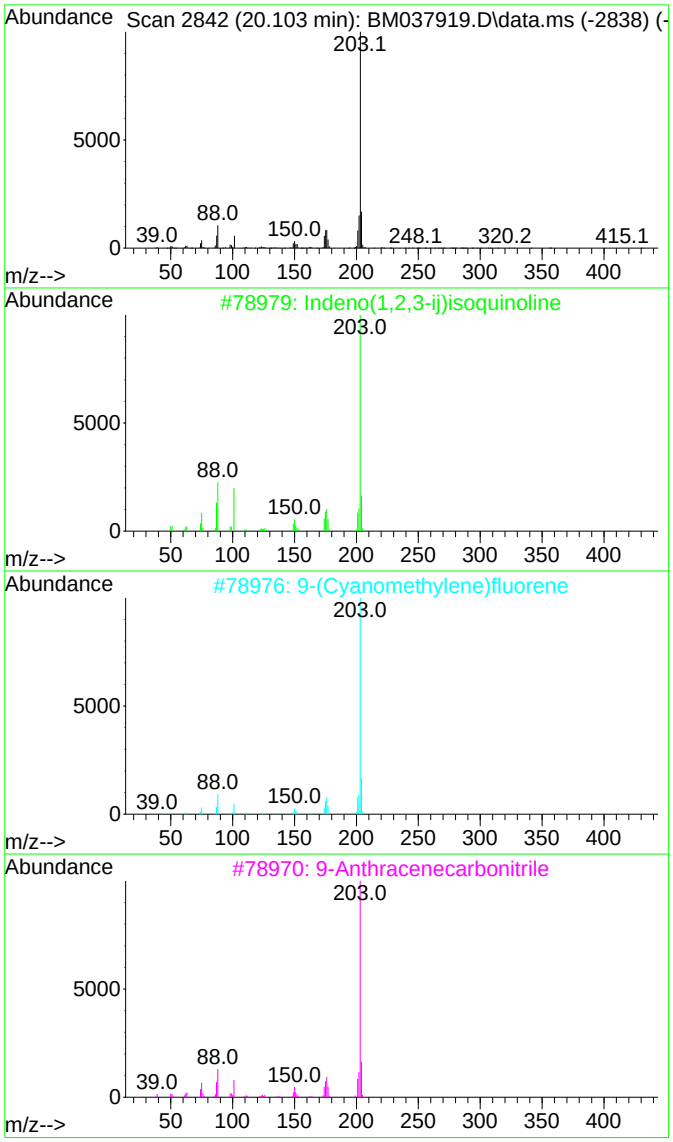
Quant Title : SVOA CALIBRATION

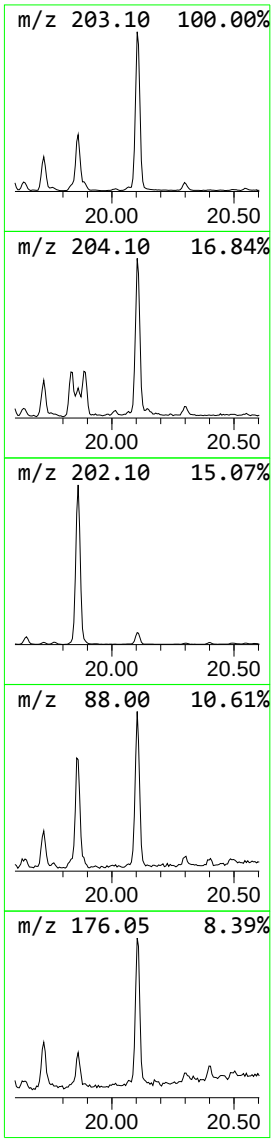
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Indeno(1,2,3-ij)isoquinoline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.103	6.95 ng/ul	1351290	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	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	96
4	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	96
5	4-Azapyrene	203	C15H9N	000194-03-6	95





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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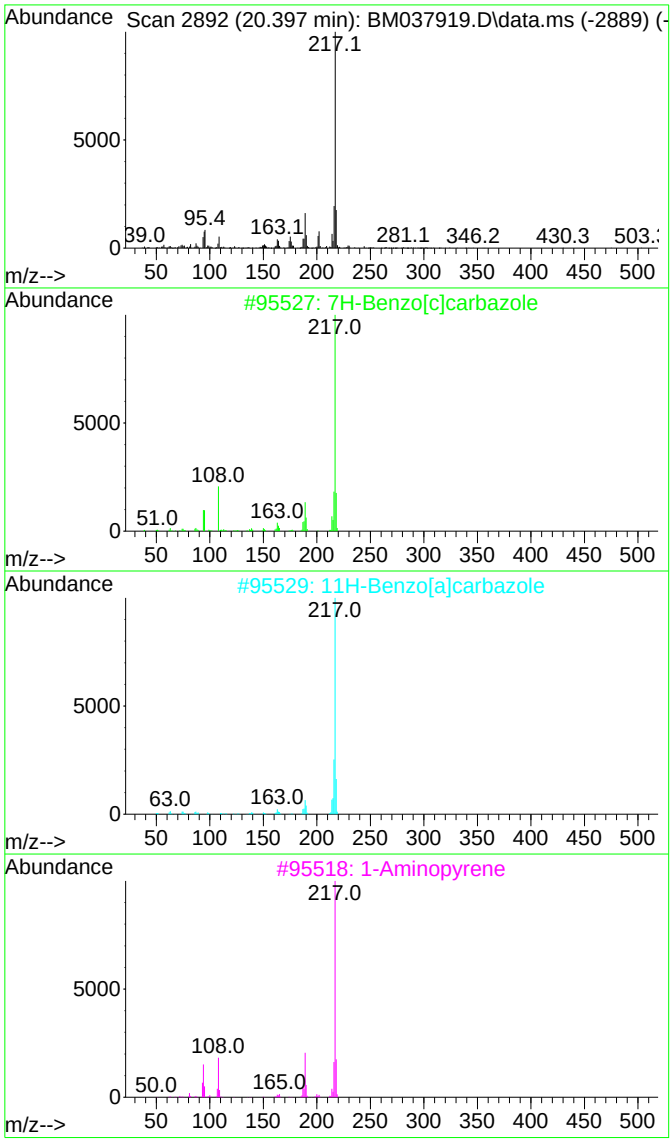
Quant Title : SVOA CALIBRATION

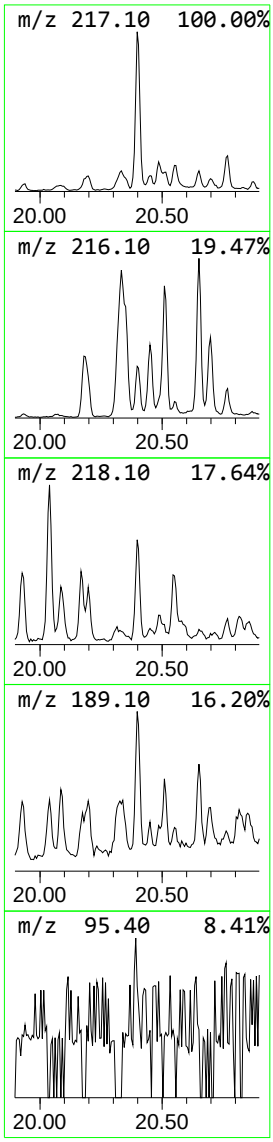
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 7H-Benzo[c]carbazole Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.398	2.31 ng/ul	448297	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	93
2	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	91
3	1-Aminopyrene	217	C16H11N	001606-67-3	91
4	1-Aminopyrene	217	C16H11N	001606-67-3	90
5	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	87





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ClientSampleId :
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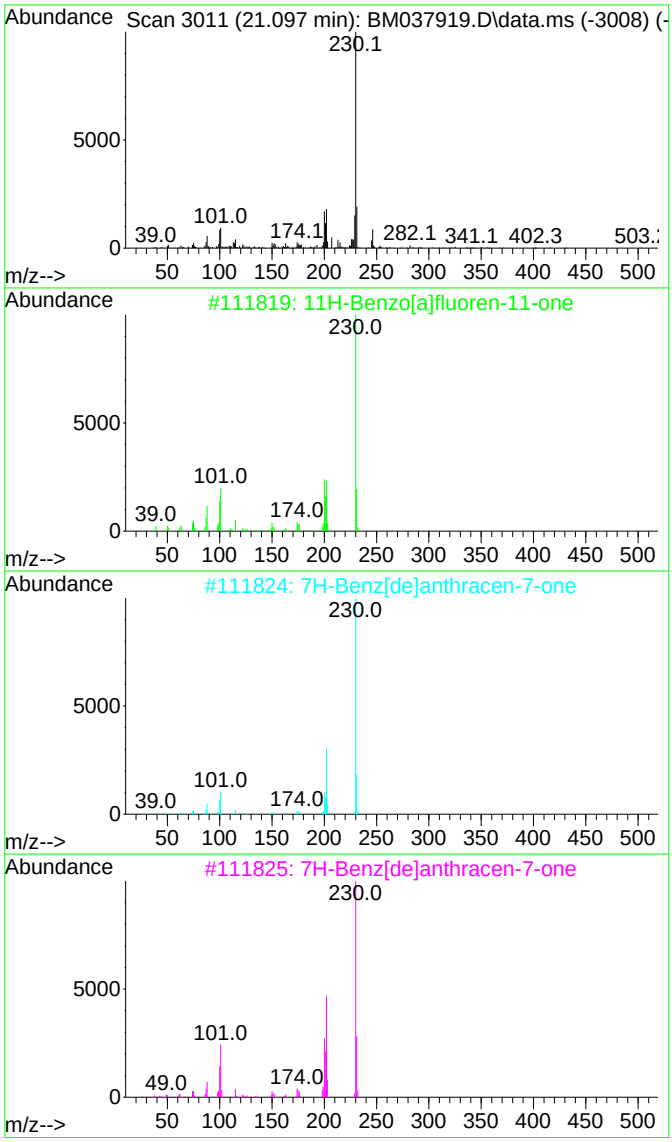
Quant Title : SVOA CALIBRATION

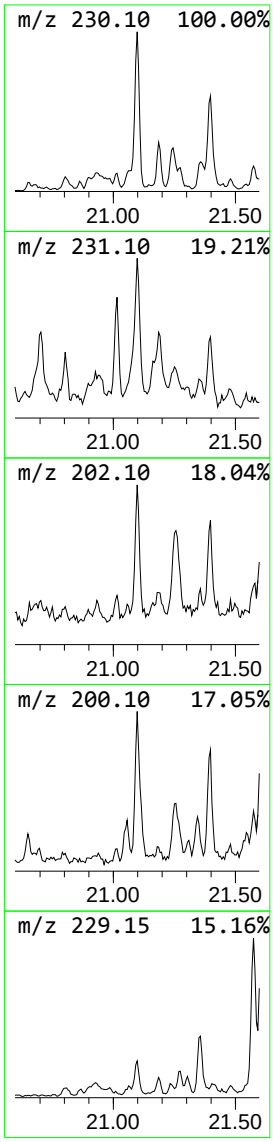
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.097	2.22 ng/ul	432044	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





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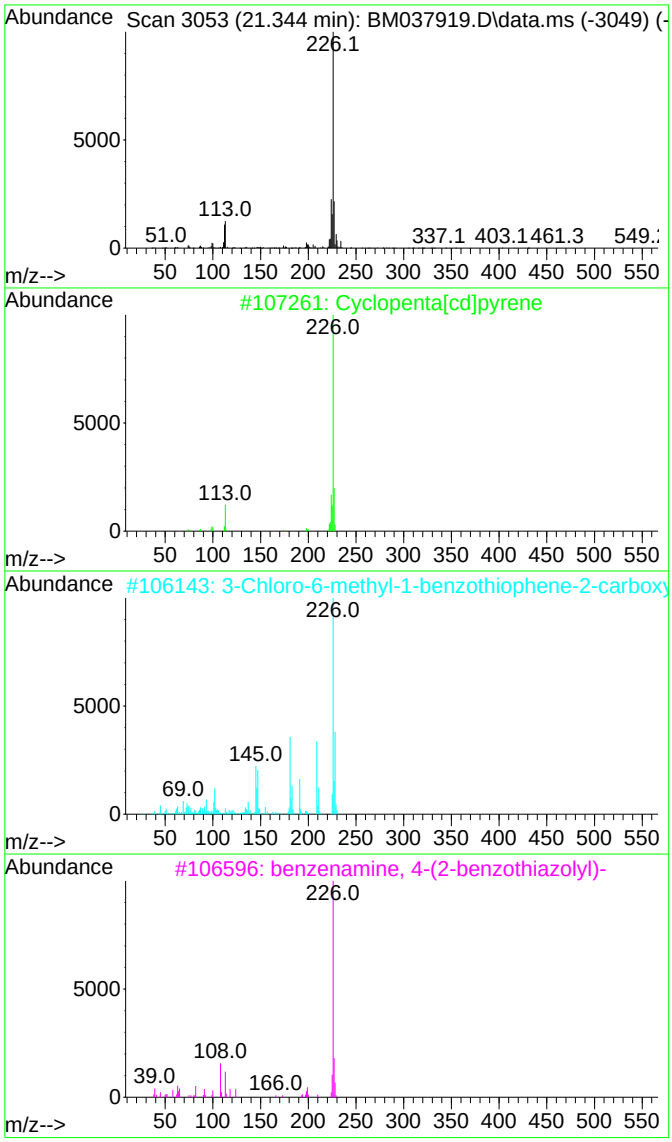
Quant Title : SVOA CALIBRATION

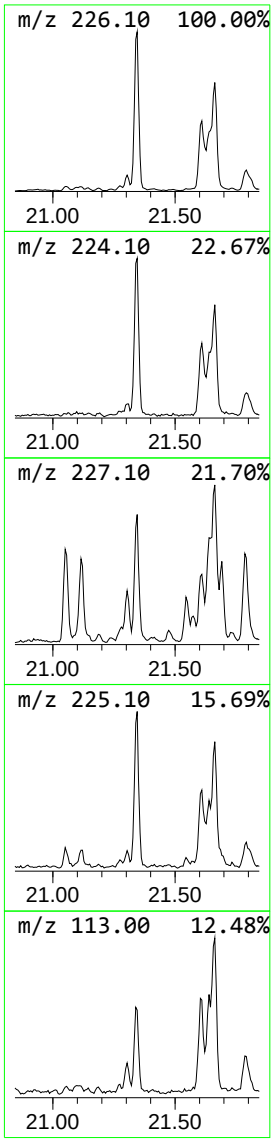
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	3.35 ng/ul	650292	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	94
2	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	53
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	53
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50





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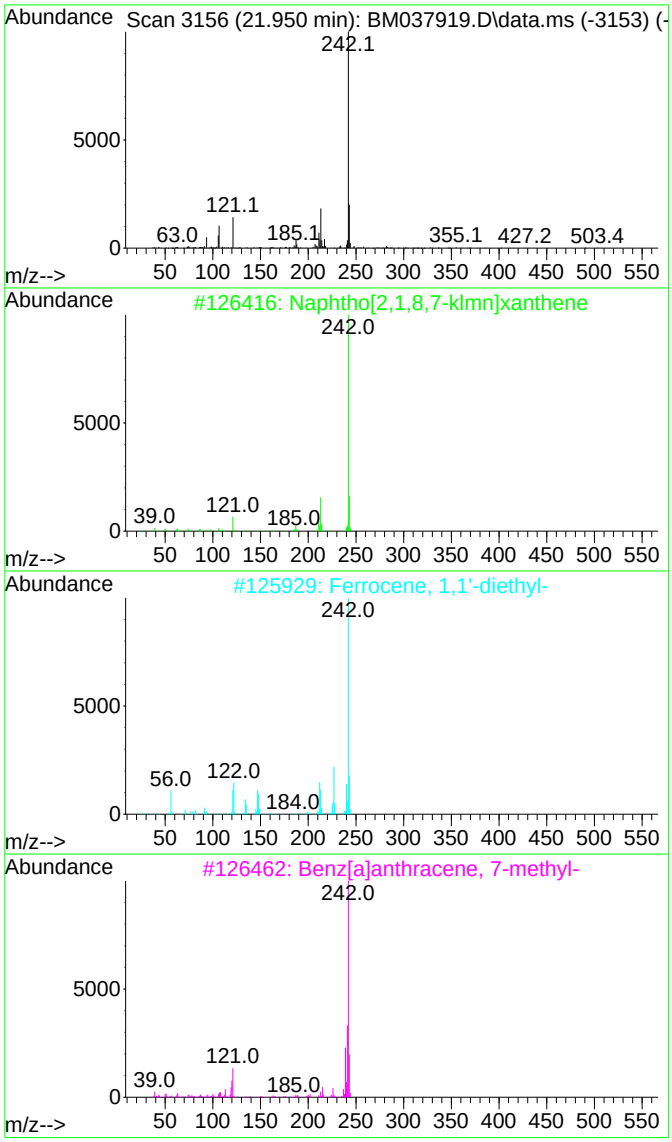
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

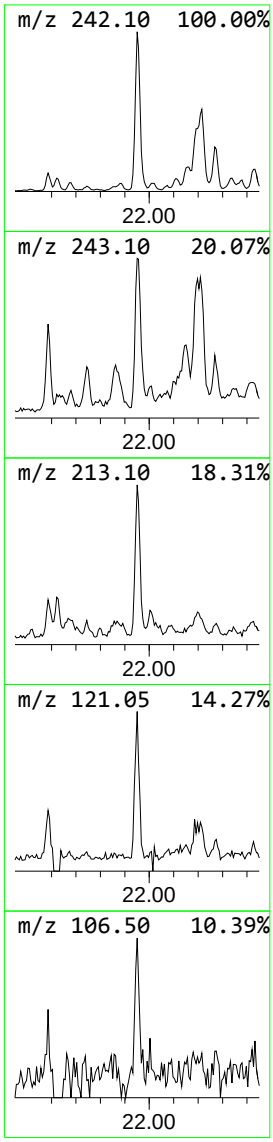
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.950	2.27 ng/ul	440214	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	81
2	Ferrocene, 1,1'-diethyl-	242	C14H18Fe	001273-97-8	72
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	64
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	64
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM8

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

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

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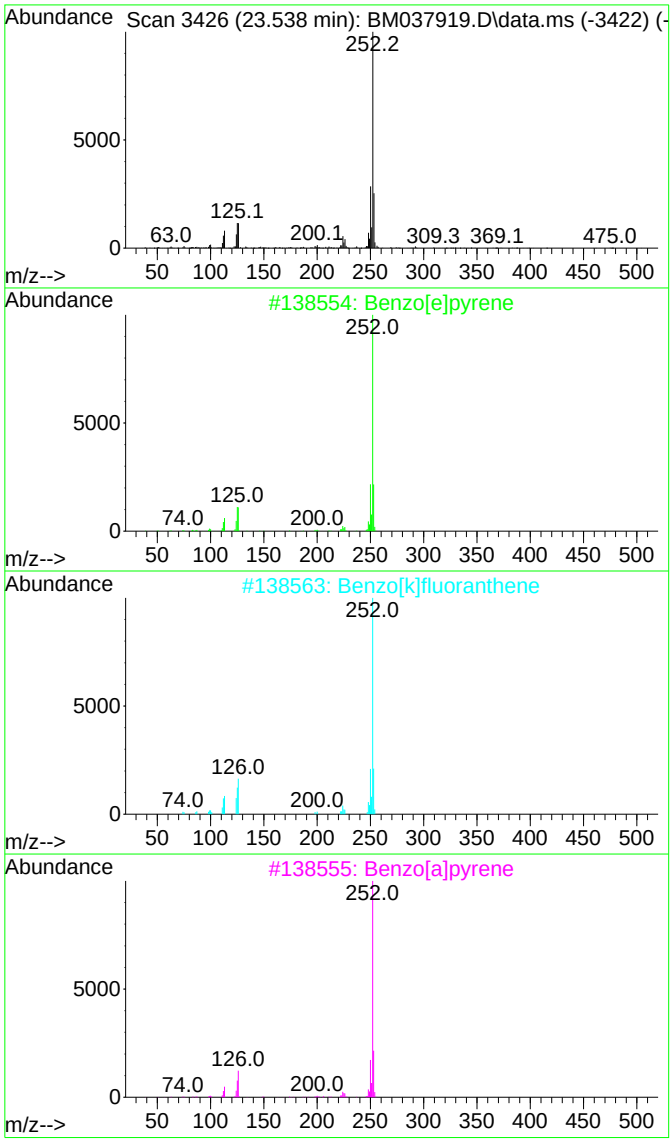
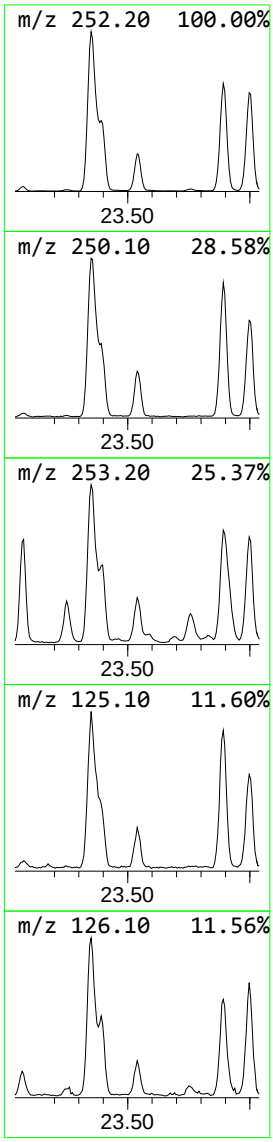
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.538	6.06 ng/ul	868375	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
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\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM8

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

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

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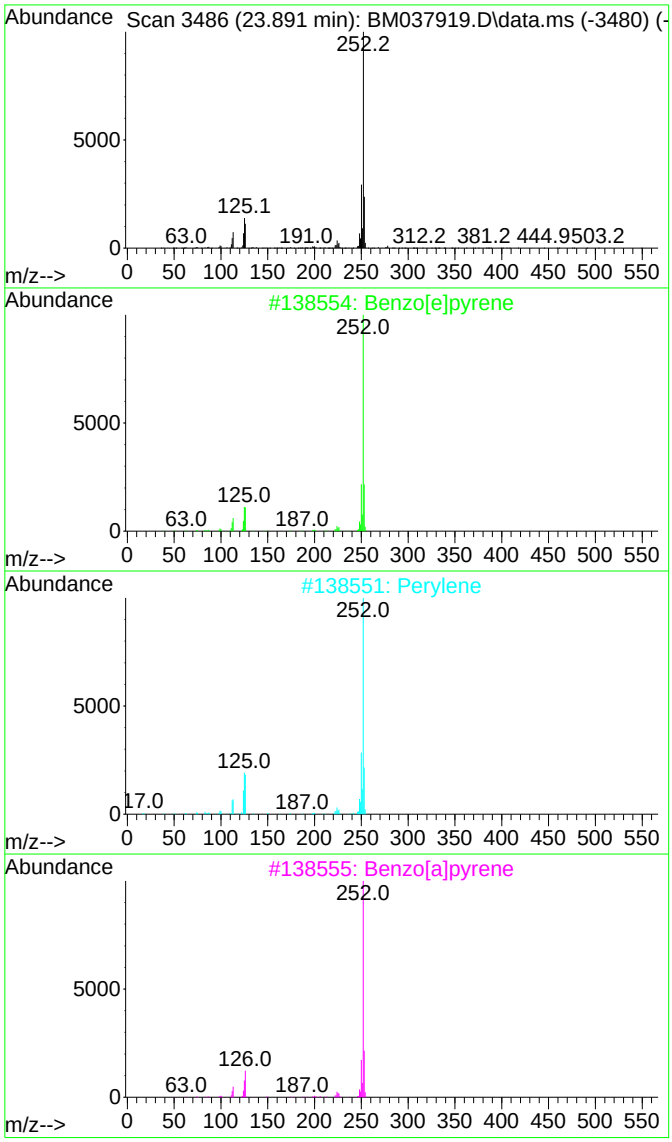
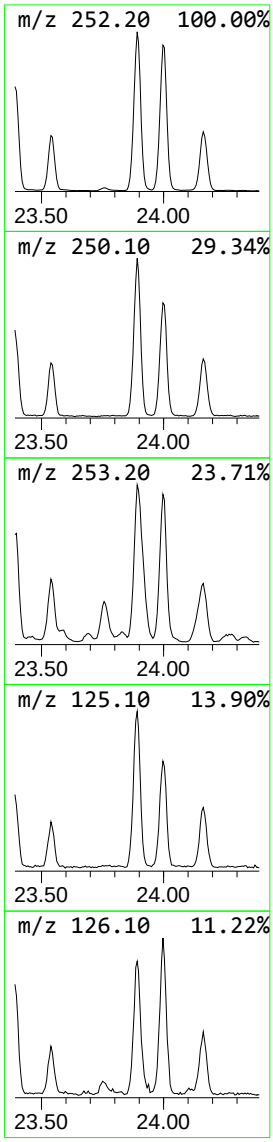
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.891	20.30 ng/ul	2908750	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM8

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

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

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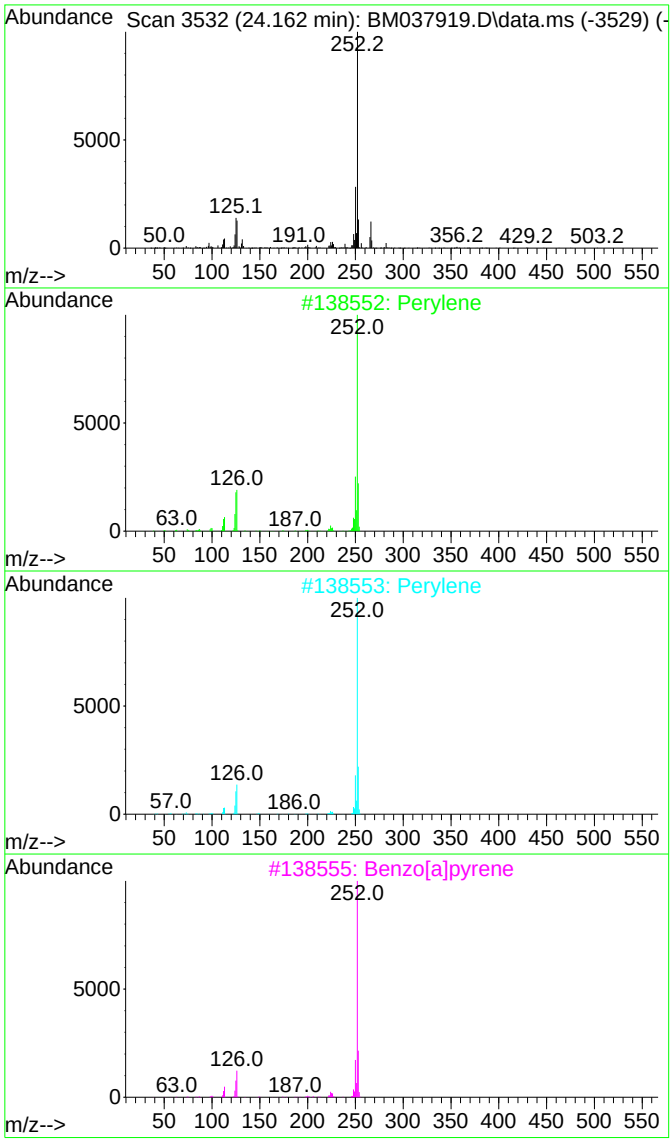
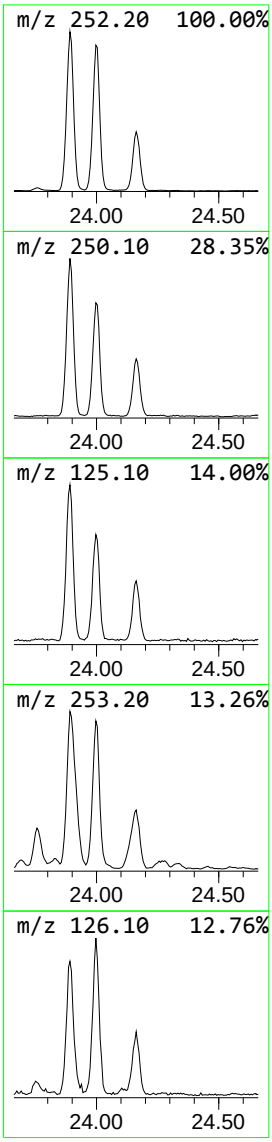
Peak Number 20 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.162	9.75 ng/ul	1397940	Perylene-d12	24.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	83
2	Perylene	252	C20H12	000198-55-0	70
3	Benzo[a]pyrene	252	C20H12	000050-32-8	62
4	Benzo[a]pyrene	252	C20H12	000050-32-8	62
5	Benzo[e]pyrene	252	C20H12	000192-97-2	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM8

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
Indene	8.628	2.3	ng/ul	175762	1	8.081	1554710	20.0
(DEL) Alkane: S...	16.398	3.4	ng/ul	450342	4	17.451	2648150	20.0
1(2H)-Acenaphth...	16.421	3.0	ng/ul	404029	4	17.451	2648150	20.0
(DEL) Alkane: S...	17.186	3.5	ng/ul	468470	4	17.451	2648150	20.0
(DEL) Alkane: S...	17.239	2.3	ng/ul	308773	4	17.451	2648150	20.0
5H-Indeno[1,2-b...	17.851	3.2	ng/ul	418705	4	17.451	2648150	20.0
(DEL) Alkane: S...	17.927	4.2	ng/ul	549074	4	17.451	2648150	20.0
Anthracene, 9-m...	18.456	2.1	ng/ul	276236	4	17.451	2648150	20.0
4H-Cyclopenta[d...	18.527	2.2	ng/ul	295465	4	17.451	2648150	20.0
(DEL) Alkane: S...	18.615	4.1	ng/ul	547968	4	17.451	2648150	20.0
(DEL) Alkane: S...	19.245	3.6	ng/ul	472691	4	17.451	2648150	20.0
4-Quinolinol, 5...	19.380	3.0	ng/ul	403709	4	17.451	2648150	20.0
Indeno(1,2,3-ij...	20.103	7.0	ng/ul	1351290	5	21.621	3886480	20.0
7H-Benzo[c]carb...	20.398	2.3	ng/ul	448297	5	21.621	3886480	20.0
11H-Benzo[a]flu...	21.097	2.2	ng/ul	432044	5	21.621	3886480	20.0
Cyclopenta[cd]p...	21.345	3.4	ng/ul	650292	5	21.621	3886480	20.0
Naphtho[2,1,8,7...	21.950	2.3	ng/ul	440214	5	21.621	3886480	20.0
Benzo[e]pyrene	23.538	6.1	ng/ul	868375	6	24.109	2866330	20.0
Perylene	23.891	20.3	ng/ul	2908750	6	24.109	2866330	20.0
unknown-01	24.162	9.8	ng/ul	1397940	6	24.109	2866330	20.0