LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015876.D
Acq On : 01 Jul 2023 09:46
Operator : MA/JU
Sample : 03239-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ2

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_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015876.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.375	29	32	38	rVB	36139	44614	0.55%	0.044%
2	3.693	84	86	96	rVB	13141	26597	0.33%	0.026%
3	3.828	106	109	121	rBV	238123	390186	4.79%	0.387%
4	3.922	121	125	134	rVB	127973	172763	2.12%	0.172%
5	4.040	141	145	151	rVB	32108	53973	0.66%	0.054%
6	4.146	159	163	169	rVB	20696	31503	0.39%	0.031%
7	7.246	683	690	707	rBV	227452	701656	8.61%	0.697%
8	7.381	707	713	734	rVB	317497	661699	8.12%	0.657%
9	7.587	741	748	762	rBV	384925	790844	9.71%	0.785%
10	8.052	820	827	842	rBV	818363	1572731	19.31%	1.561%
11	8.804	947	955	985	rBV2	200209	729675	8.96%	0.724%
12	9.252	1023	1031	1053	rBV	312842	796974	9.78%	0.791%
13	9.981	1143	1155	1174	rBV2	184648	630461	7.74%	0.626%
14	10.563	1244	1254	1281	rBV2	210794	838005	10.29%	0.832%
15	10.881	1294	1308	1328	rBV	1031849	2346308	28.81%	2.329%
16	11.081	1336	1342	1364	rBV3	81545	317579	3.90%	0.315%
17	11.875	1470	1477	1482	rBV2	15662	27230	0.33%	0.027%
18	12.275	1541	1545	1553	rBV5	11508	24883	0.31%	0.025%
19	12.563	1589	1594	1603	rVB2	16845	38352	0.47%	0.038%
20	12.775	1625	1630	1636	rBV2	16548	32686	0.40%	0.032%
21	13.210	1698	1704	1709	rBV3	15481	26771	0.33%	0.027%
22	13.498	1748	1753	1760	rBV2	23061	40853	0.50%	0.041%
23	13.581	1760	1767	1775	rVV3	36927	77217	0.95%	0.077%
24	13.851	1808	1813	1816	rBV7	18339	31215	0.38%	0.031%
25	14.022	1837	1842	1847	rBV3	24324	50340	0.62%	0.050%
26	14.116	1847	1858	1871	rVV	719686	1386510	17.02%	1.377%
27	14.398	1897	1906	1919	rBV2	953132	1815305	22.29%	1.802%
28	14.569	1931	1935	1942	rVB2	30885	47726	0.59%	0.047%
29	14.704	1951	1958	1965	rVV	1612889	2569634	31.55%	2.551%
30	14.769	1965	1969	1978	rVB	105378	184566	2.27%	0.183%
31	15.016	2005	2011	2017	rBV5	63804	180333	2.21%	0.179%
32	15.116	2024	2028	2034	rVB2	50516	85005	1.04%	0.084%
33	15.181	2037	2039	2047	rVB7	24172	42711	0.52%	0.042%
34	15.475	2084	2089	2091	rBV5	15550	28060	0.34%	0.028%
35	15.522	2093	2097	2102	rVB	35684	53343	0.65%	0.053%
36	15.704	2121	2128	2135	rBV	1062136	1838183	22.57%	1.825%

LSC Area Percent Report

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Operator : MA/JU
Sample : 03239-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ2

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_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

37	15.763	2135	2138	2148	rVB2	85529	158029	1.94%	0.157%
38	15.881	2152	2158	2170	rBV2	99398	286966	3.52%	0.285%
39	16.069	2184	2190	2200	rVB2	190160	341217	4.19%	0.339%
40	16.210	2210	2214	2220	rVB3	20032	35392	0.43%	0.035%
41	16.398	2239	2246	2252	rBV2	69962	157775	1.94%	0.157%
42	16.457	2253	2256	2262	rVB2	29877	49274	0.60%	0.049%
43	16.557	2268	2273	2278	rBV8	18151	31403	0.39%	0.031%
44	16.628	2280	2285	2292	rVB2	56159	86683	1.06%	0.086%
45	16.739	2299	2304	2306	rBV6	27660	46838	0.58%	0.047%
46	16.992	2343	2347	2350	rBV3	26013	32629	0.40%	0.032%
47	17.028	2350	2353	2364	rVB4	29313	61803	0.76%	0.061%
48	17.139	2365	2372	2375	rBV2	59705	109108	1.34%	0.108%
49	17.181	2376	2379	2386	rVB4	47655	73223	0.90%	0.073%
50	17.281	2393	2396	2402	rVB	68623	91473	1.12%	0.091%
51	17.333	2402	2405	2408	rBV4	23632	31379	0.39%	0.031%
52	17.463	2421	2427	2431	rBV	1869841	2851850	35.01%	2.831%
53	17.504	2431	2434	2440	rVV	1557785	2289699	28.11%	2.273%
54	17.569	2440	2445	2449	rVV2	1100879	1912209	23.48%	1.898%
55	17.604	2449	2451	2462	rVB	343204	508239	6.24%	0.505%
56	17.886	2494	2499	2510	rVB2	173238	365988	4.49%	0.363%
57	18.057	2523	2528	2532	rBV4	41121	85334	1.05%	0.085%
58	18.257	2558	2562	2567	rBV	367690	518387	6.36%	0.515%
59	18.316	2567	2572	2579	rVV2	1867143	2580171	31.68%	2.562%
60	18.375	2579	2582	2591	rVB	297228	459390	5.64%	0.456%
61	18.457	2593	2596	2600	rVB	76694	106070	1.30%	0.105%
62	18.516	2600	2606	2610	rBV2	323354	583925	7.17%	0.580%
63	18.580	2615	2617	2620	rVB	40616	44271	0.54%	0.044%
64	18.804	2651	2655	2660	rBV	156414	202560	2.49%	0.201%
65	18.869	2661	2666	2672	rVB	223213	330023	4.05%	0.328%
66	19.127	2707	2710	2713	rBV2	54589	68572	0.84%	0.068%
67	19.198	2718	2722	2727	rBV2	192837	341171	4.19%	0.339%
68	19.298	2736	2739	2742	rVB3	90486	111183	1.37%	0.110%
69	19.363	2747	2750	2754	rVB	150850	178349	2.19%	0.177%
70	19.404	2754	2757	2758	rBV	92549	95746	1.18%	0.095%
71	19.463	2762	2767	2774	rVV	4812343	6567089	80.63%	6.520%
72	19.539	2776	2780	2789	rVB3	564670	823878	10.12%	0.818%
73	19.698	2805	2807	2813	rVB	106243	114021	1.40%	0.113%
74	19.786	2817	2822	2824	rVV2	2216258	2892321	35.51%	2.872%
75	19.816	2824	2827	2835	rVV	3770604	5171118	63.49%	5.134%
76	19.892	2836	2840	2846	rVB2	191820	342584	4.21%	0.340%

LSC Area Percent Report

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Operator : MA/JU
Sample : 03239-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ2

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

77	19.992	2854	2857	2861	rBV	166834	196255	2.41%	0.195%
78	20.069	2867	2870	2874	rBV	141740	216785	2.66%	0.215%
79	20.133	2877	2881	2887	rVB3	268312	565695	6.95%	0.562%
80	20.269	2900	2904	2906	rBV3	319332	463854	5.69%	0.461%
81	20.298	2906	2909	2914	rVB2	467466	627707	7.71%	0.623%
82	20.392	2922	2925	2930	rBV	302392	442442	5.43%	0.439%
83	20.592	2955	2959	2963	rBV2	304288	473285	5.81%	0.470%
84	21.039	3031	3035	3044	rBV	491103	688125	8.45%	0.683%
85	21.198	3057	3062	3064	rBV2	785056	1259470	15.46%	1.250%
86	21.221	3064	3066	3071	rVV2	1007383	1334812	16.39%	1.325%
87	21.274	3071	3075	3082	rVV3	426808	907737	11.14%	0.901%
88	21.333	3082	3085	3091	rVB	502838	629166	7.72%	0.625%
89	21.410	3096	3098	3105	rVB2	336115	498084	6.12%	0.495%
90	21.545	3112	3121	3125	rBV2	3320474	8145036	100.00%	8.087%
91	21.586	3125	3128	3134	rVB	2339264	3314229	40.69%	3.290%
92	22.127	3217	3220	3222	rBV	456284	569005	6.99%	0.565%
93	23.227	3403	3407	3414	rVB2	1269530	2065226	25.36%	2.050%
94	23.315	3415	3422	3427	rBV	3064218	7803667	95.81%	7.748%
95	23.868	3510	3516	3521	rBV	1739582	3775049	46.35%	3.748%
96	23.980	3530	3535	3545	rVB	2182134	4596333	56.43%	4.563%
97	24.092	3549	3554	3559	rBV	1271643	2533823	31.11%	2.516%
98	24.662	3645	3651	3660	rVB	2040499	4423165	54.31%	4.391%
99	26.627	3980	3985	3994	rVB	969532	2324283	28.54%	2.308%
100	26.792	4007	4013	4021	rVB	1106270	3046188	37.40%	3.024%

Sum of corrected areas: 100723252

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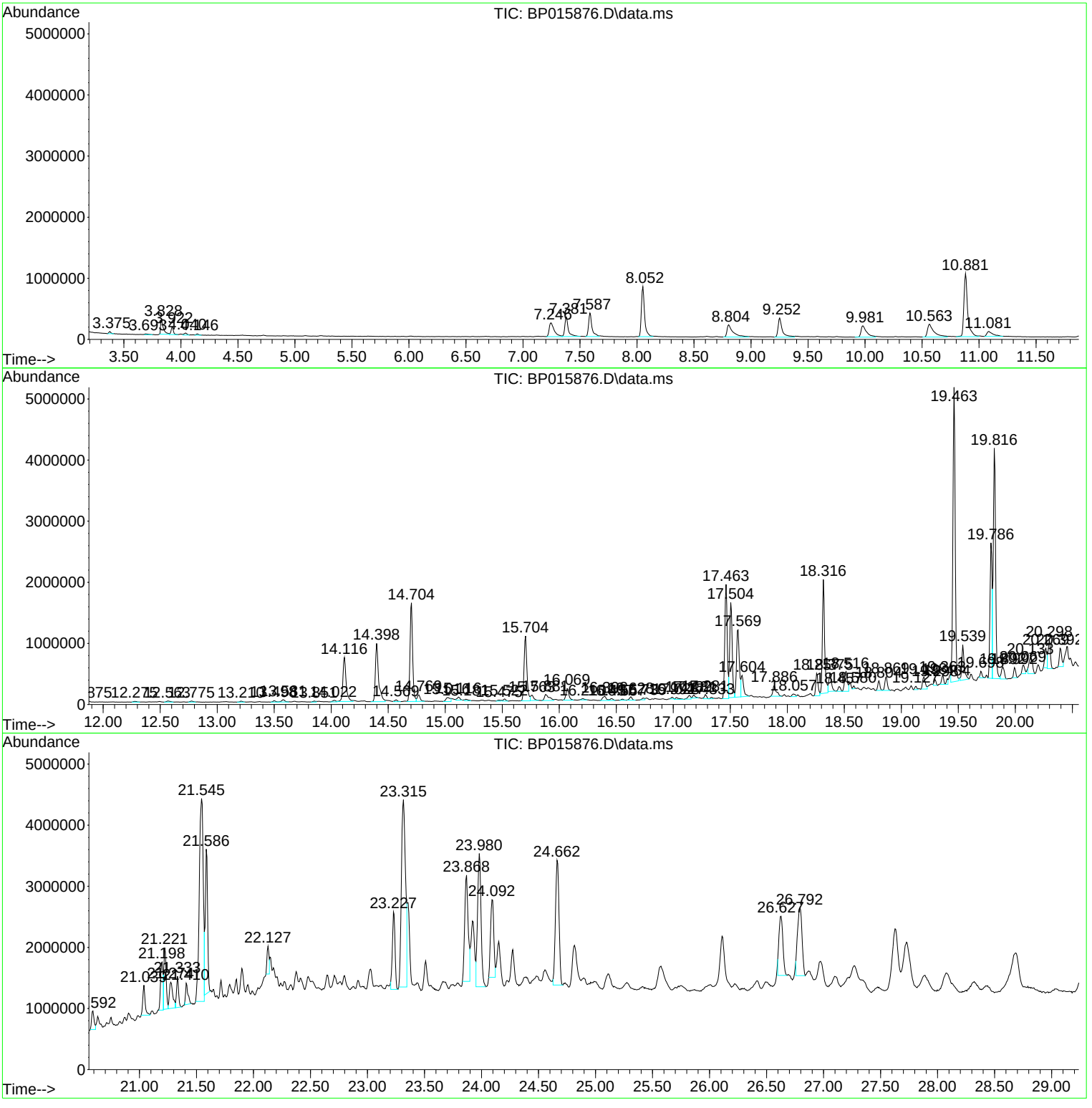
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015876.D
Acq On : 01 Jul 2023 09:46
Operator : MA/JU
Sample : 03239-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ2

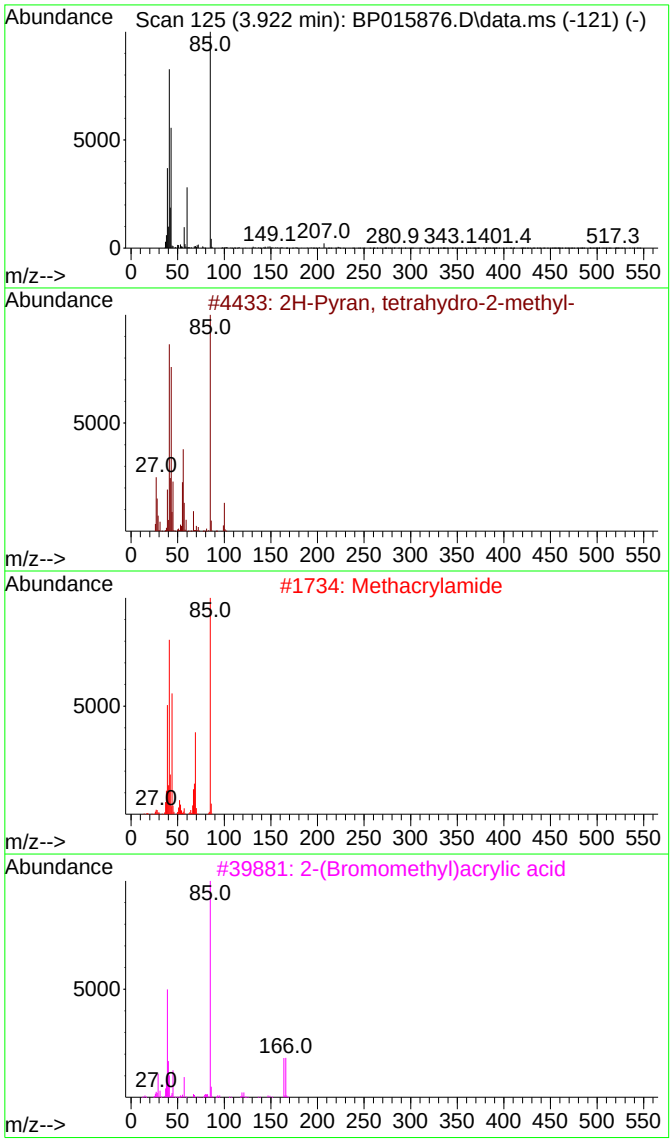
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

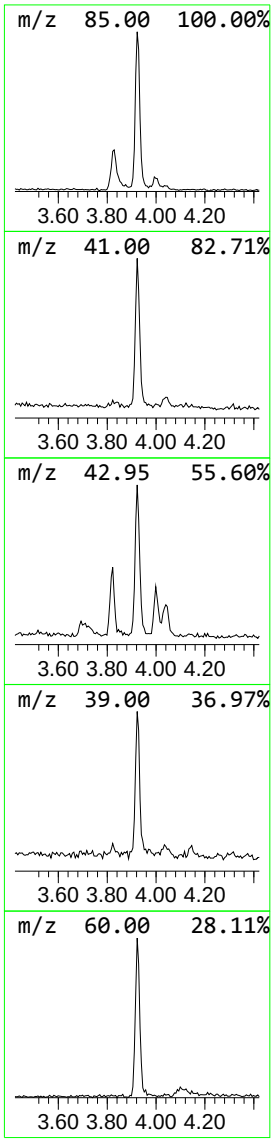
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.922	2.20 ng/ul	172763	1,4-Dichlorobenzene-d4	8.052

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	50
2	Methacrylamide	85	C4H7NO	000079-39-0	45
3	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	38
4	Methacrylamide	85	C4H7NO	000079-39-0	17
5	N',N'-Dimethyl-N-[2,2,3,3-tetrac...	336	C17H16N6O2	1000326-98-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015876.D
Acq On : 01 Jul 2023 09:46
Operator : MA/JU
Sample : 03239-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ2

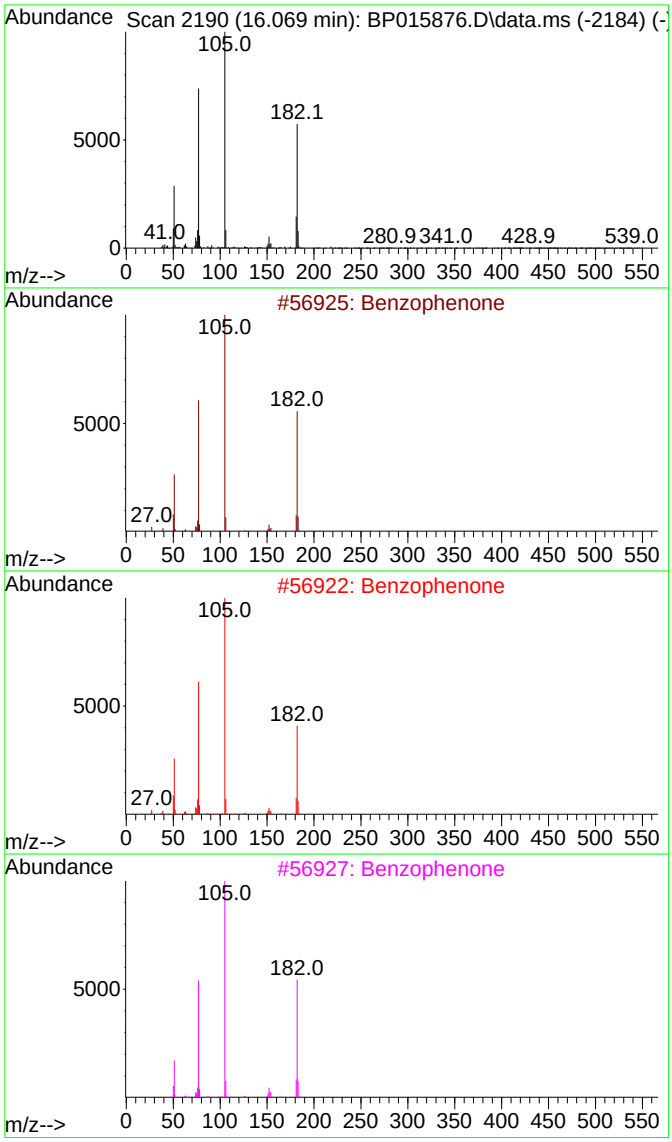
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

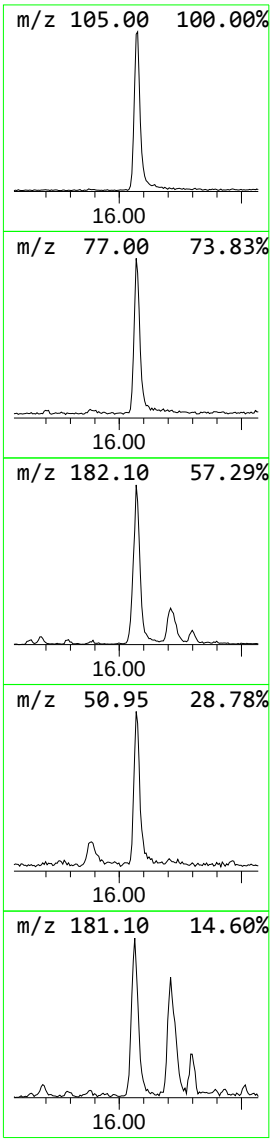
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.069	2.66 ng/ul	341217	Acenaphthene-d10	14.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015876.D
Acq On : 01 Jul 2023 09:46
Operator : MA/JU
Sample : 03239-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ2

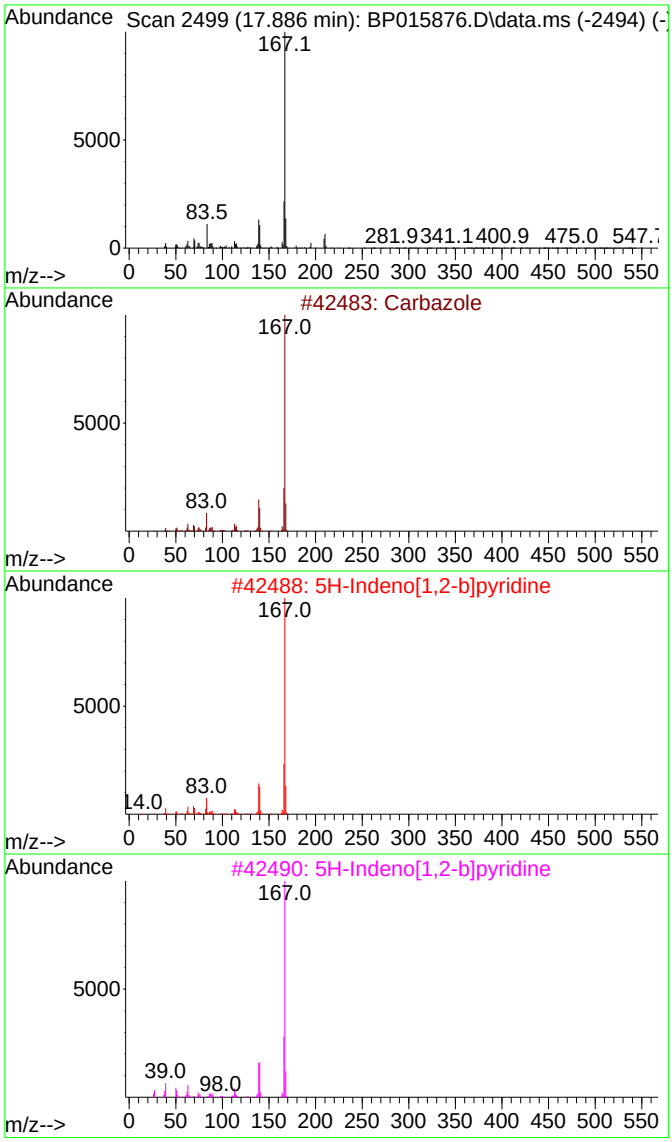
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

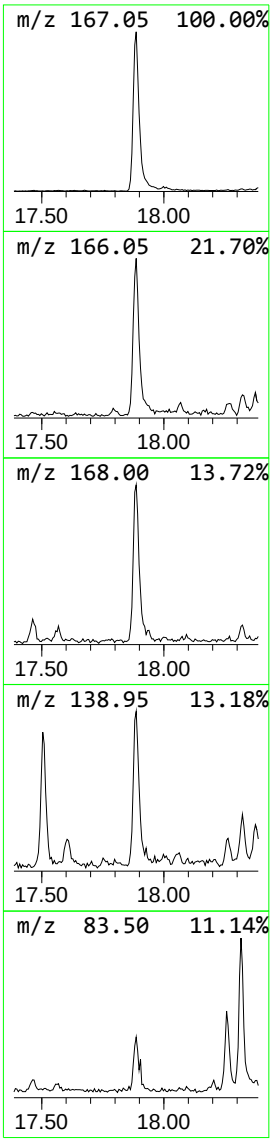
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Carba zole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	2.57 ng/ul	365988	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	83
5	Carbazole	167	C12H9N	000086-74-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015876.D
Acq On : 01 Jul 2023 09:46
Operator : MA/JU
Sample : 03239-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ2

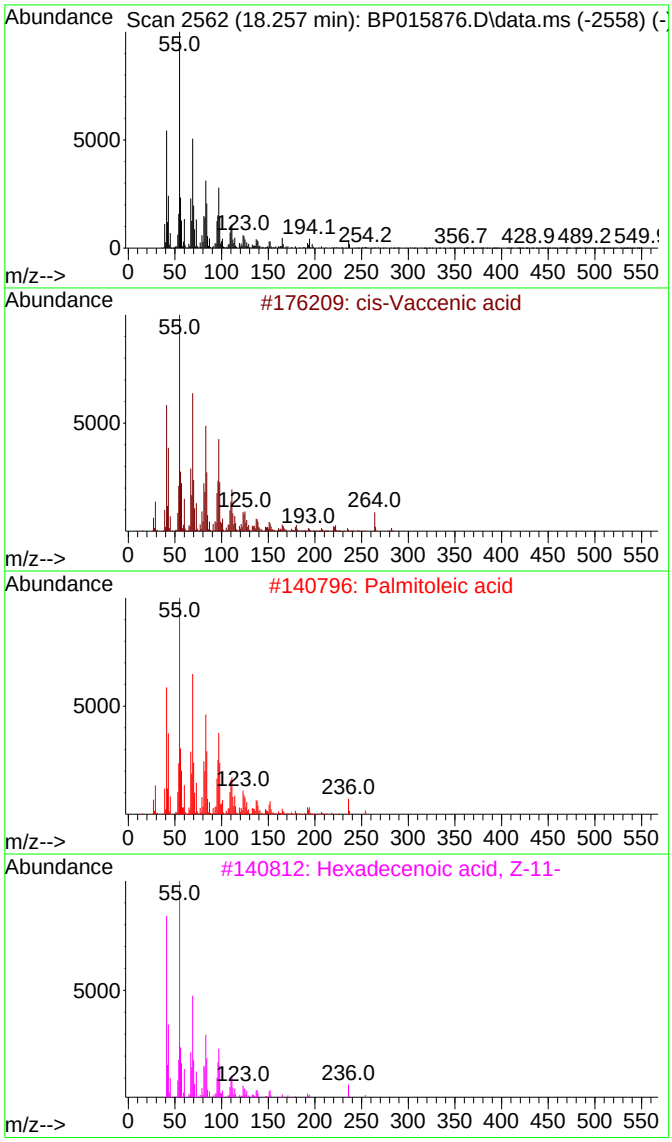
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

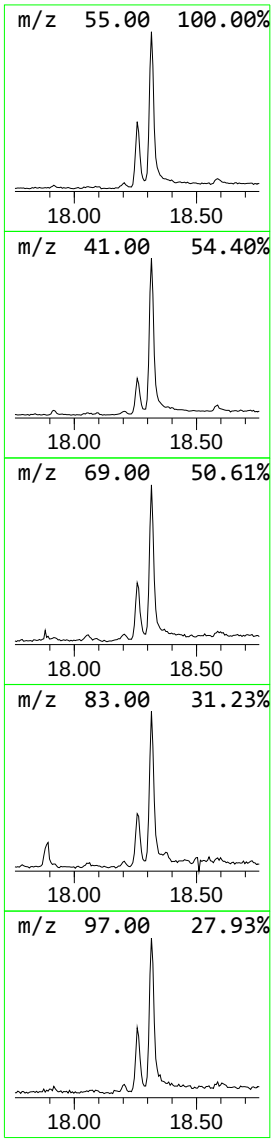
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 cis-Vaccenic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	3.64 ng/ul	518387	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	99
2	Palmitoleic acid	254	C16H30O2	000373-49-9	91
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
4	cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	90
5	cis-10-Pentadecenoic acid, butyl...	296	C19H36O2	1000405-17-6	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015876.D
Acq On : 01 Jul 2023 09:46
Operator : MA/JU
Sample : 03239-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ2

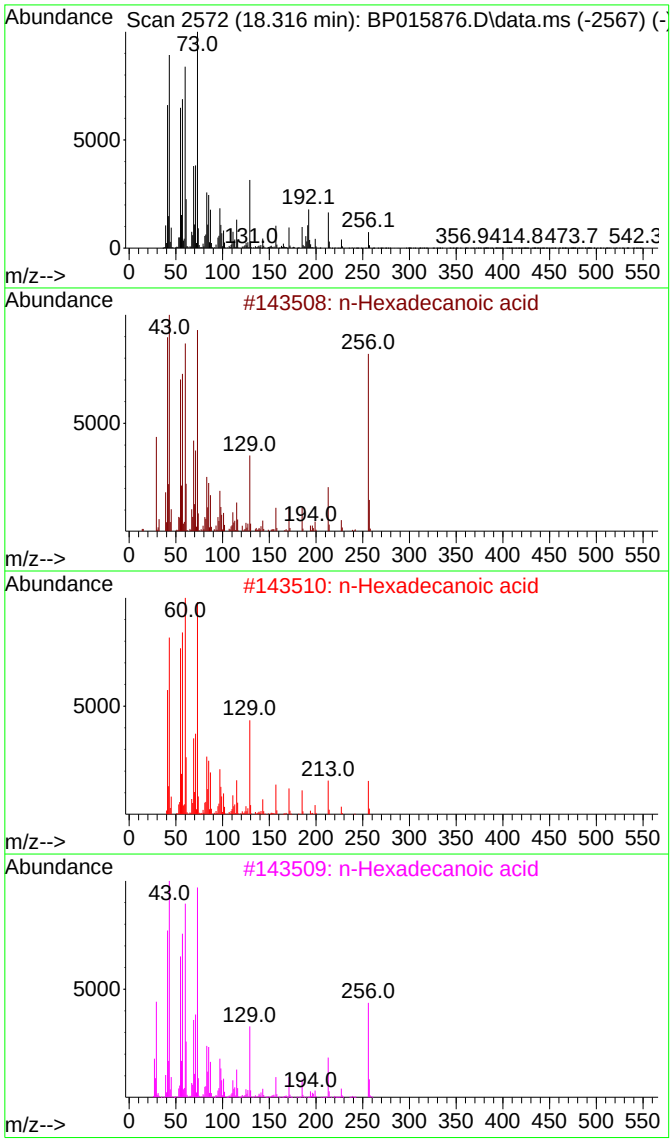
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

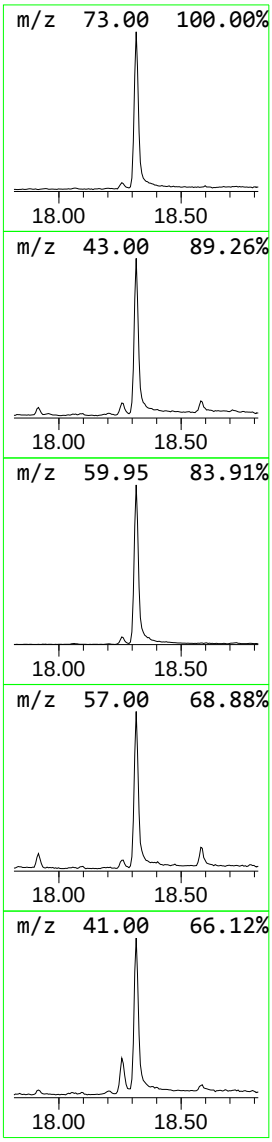
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	18.09 ng/ul	2580170	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94





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Acq On : 01 Jul 2023 09:46
Operator : MA/JU
Sample : 03239-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ2

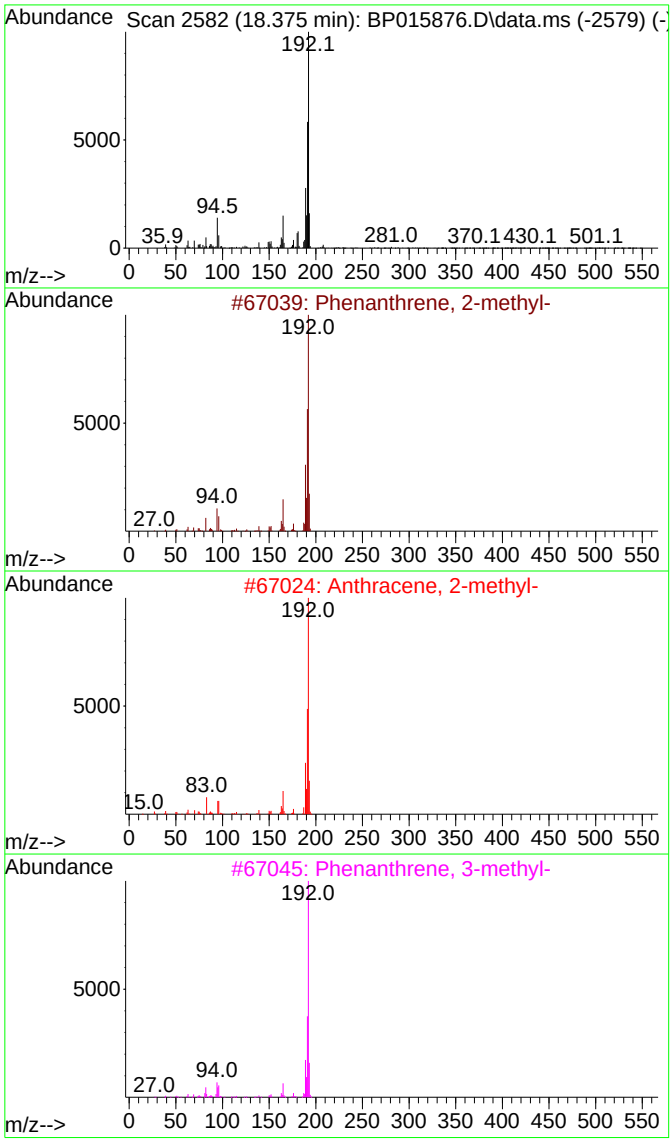
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

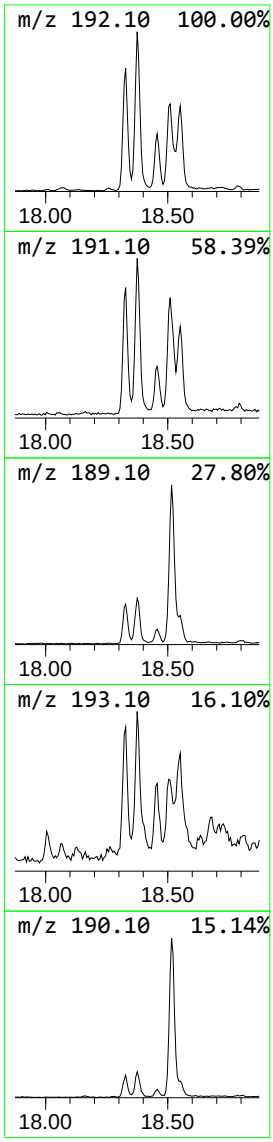
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	3.22 ng/ul	459390	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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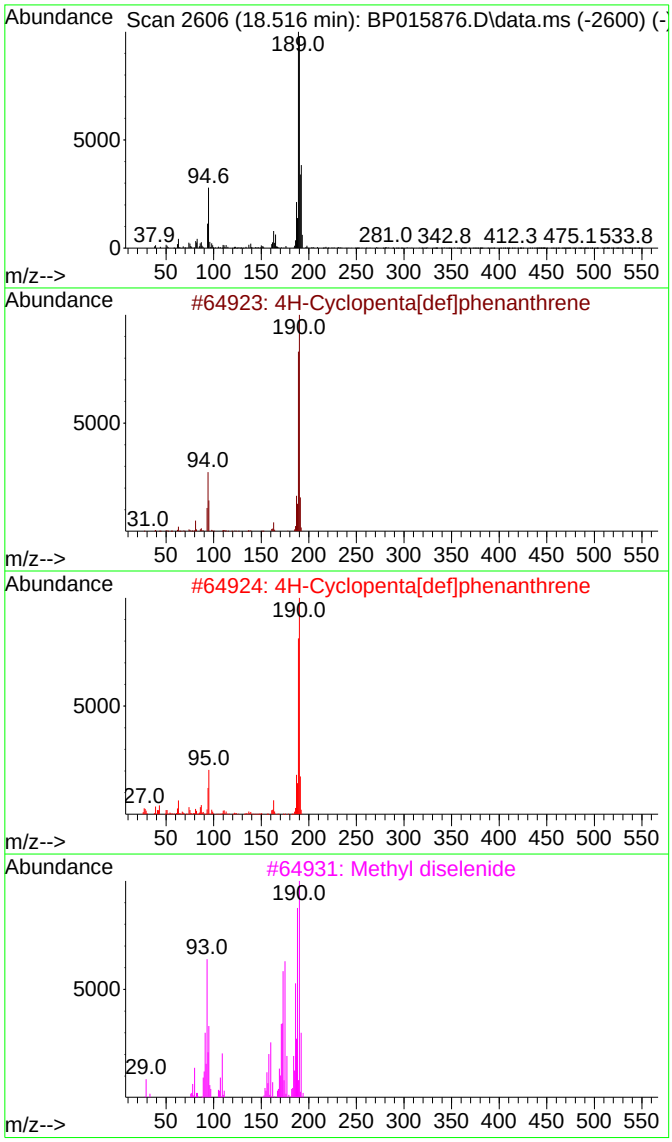
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

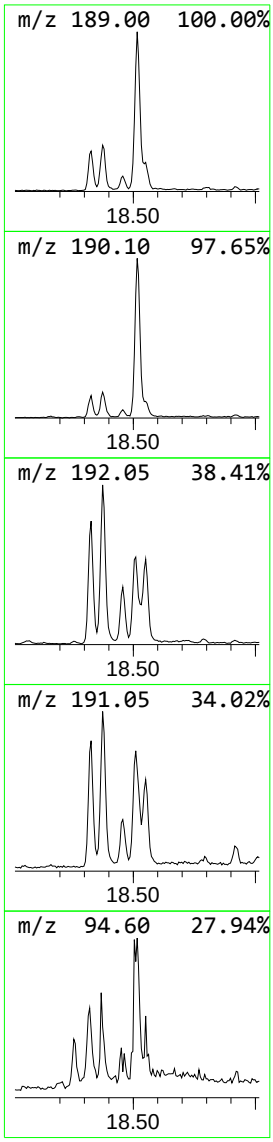
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	4.10 ng/ul	583925	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	Methyl diselenide	190	C2H6Se2	007101-31-7	46
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





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ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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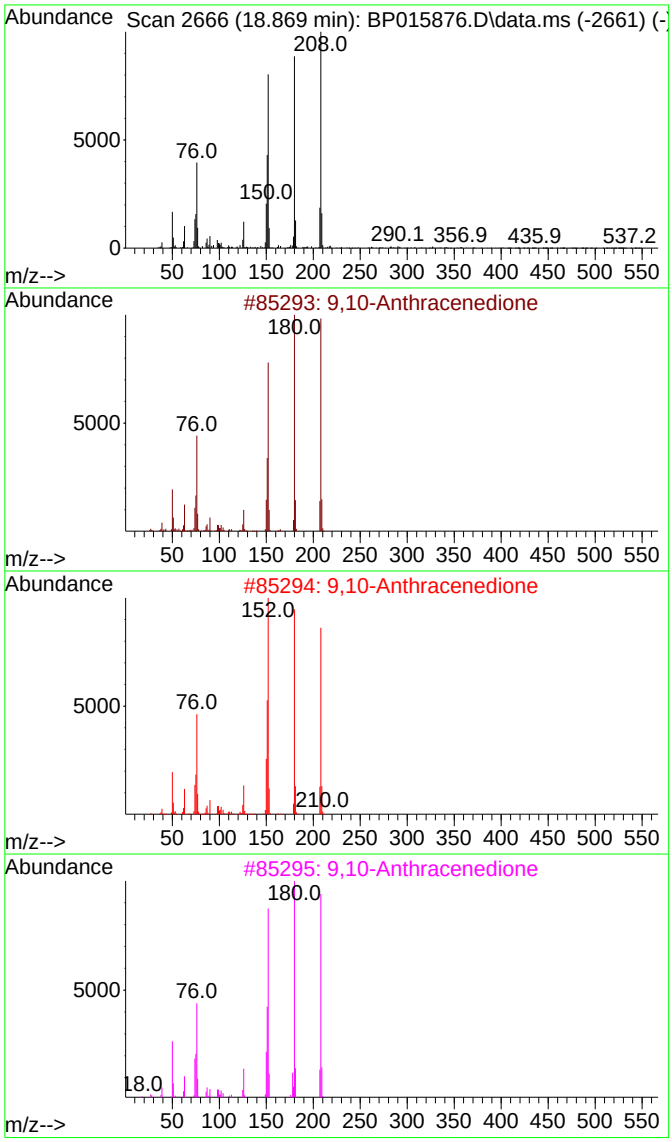
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

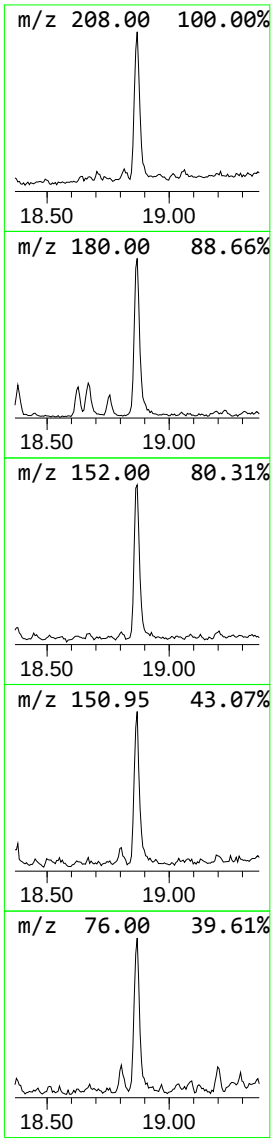
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	2.31 ng/ul	330023	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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ALS Vial : 43 Sample Multiplier: 1

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ClientSampleId :
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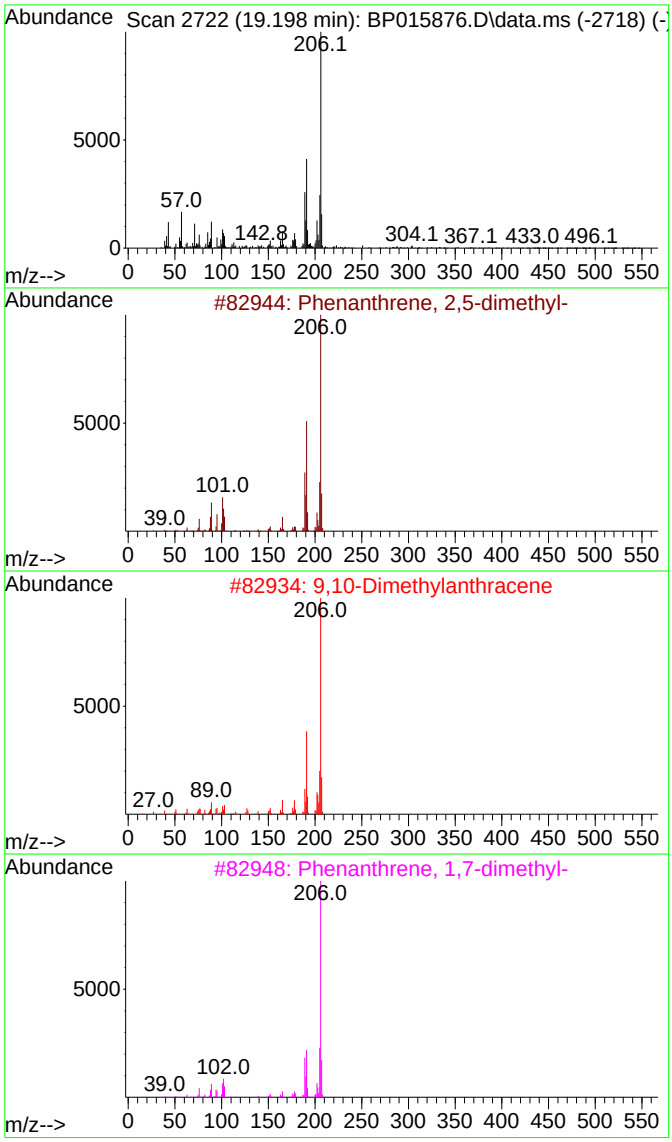
Quant Title : SVOA CALIBRATION

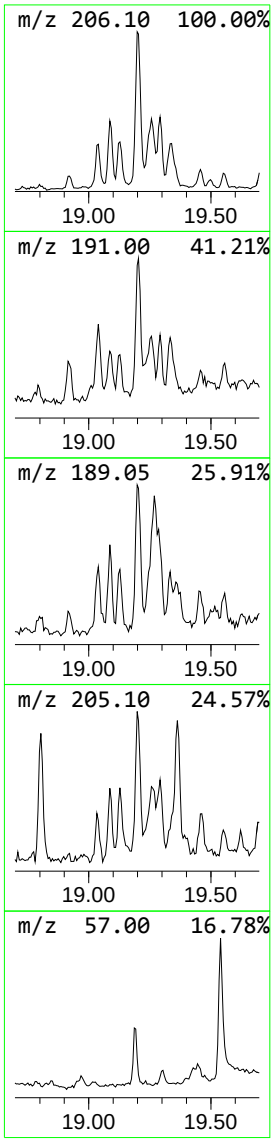
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	2.39 ng/ul	341171	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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ClientSampleId :
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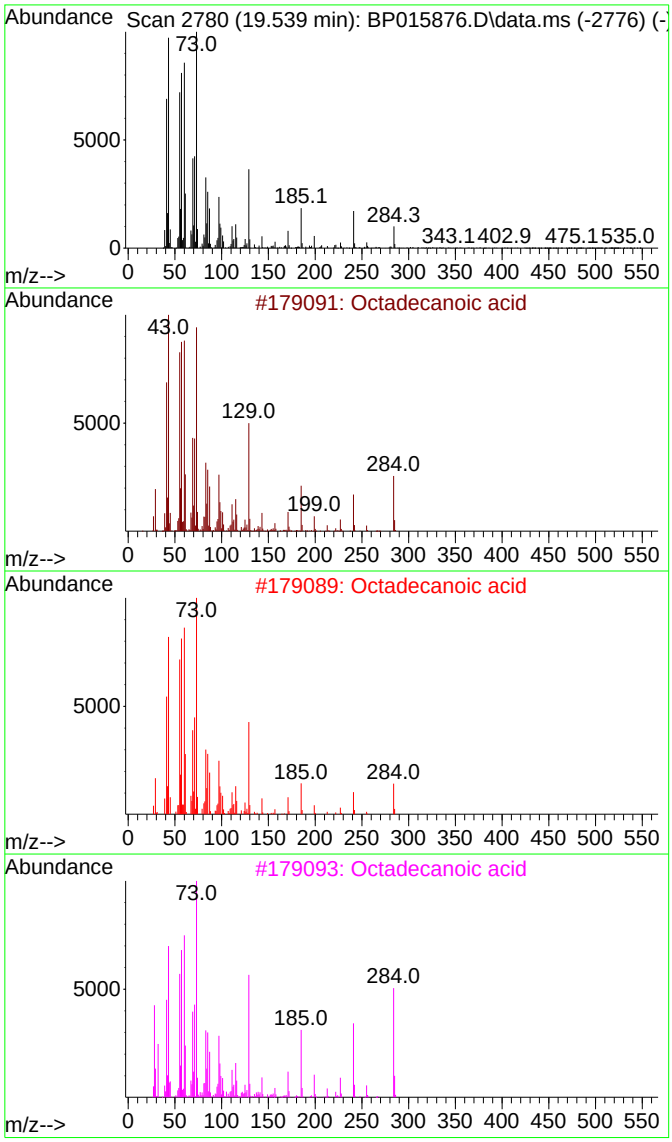
Quant Title : SVOA CALIBRATION

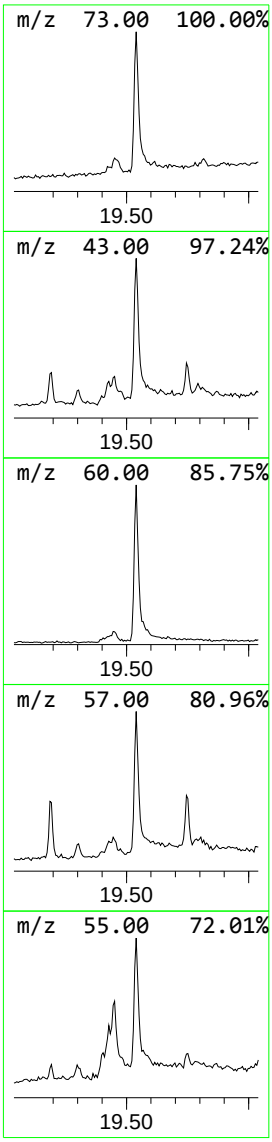
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.539	2.02 ng/ul	823878	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Sample : 03239-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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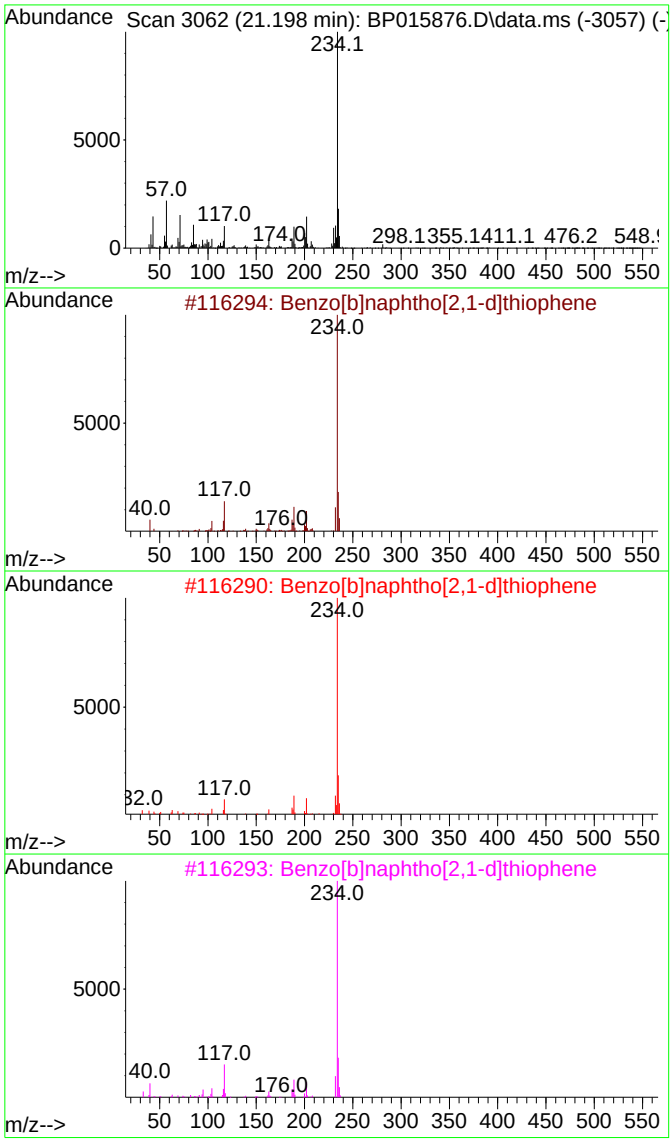
Quant Title : SVOA CALIBRATION

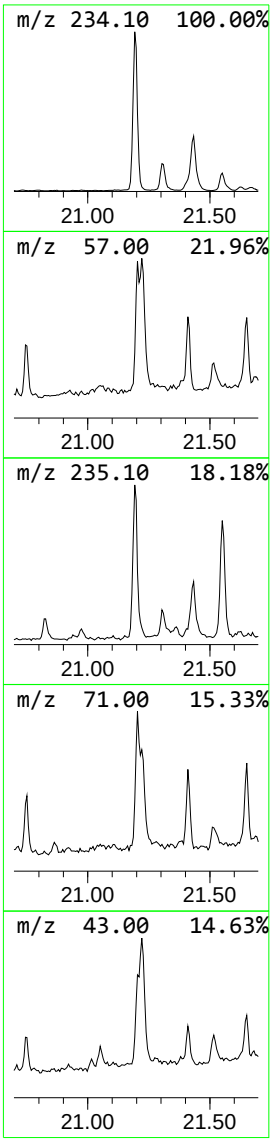
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	3.09 ng/ul	1259470	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	89
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	89





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Operator : MA/JU
Sample : 03239-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

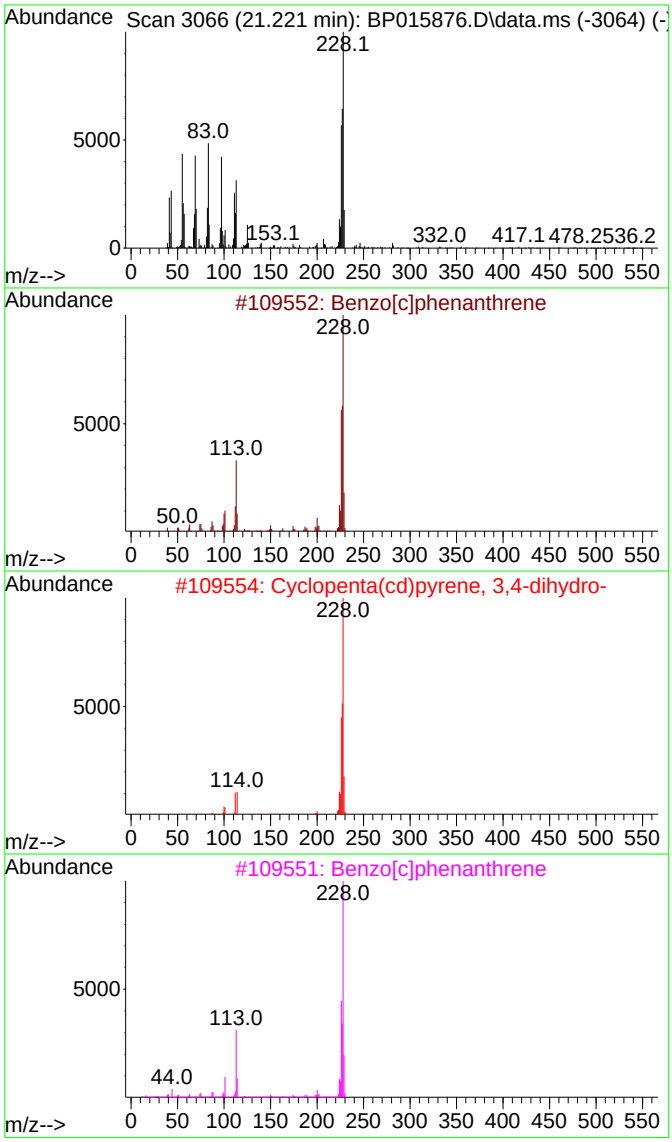
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

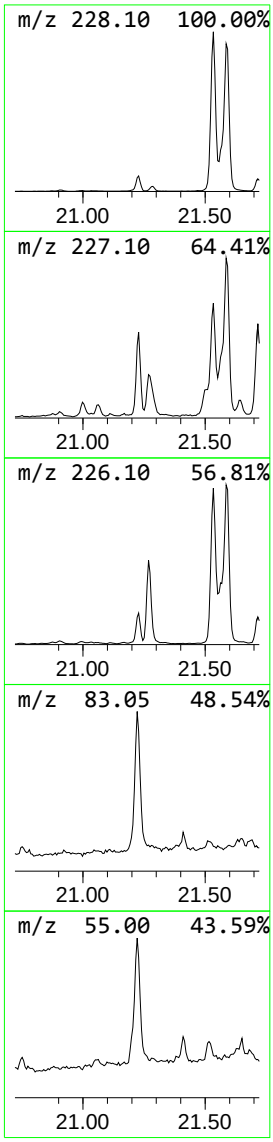
****

Peak Number 12 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	3.28 ng/ul	1334810	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	41
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	35
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	35





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Instrument :
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ClientSampleId :
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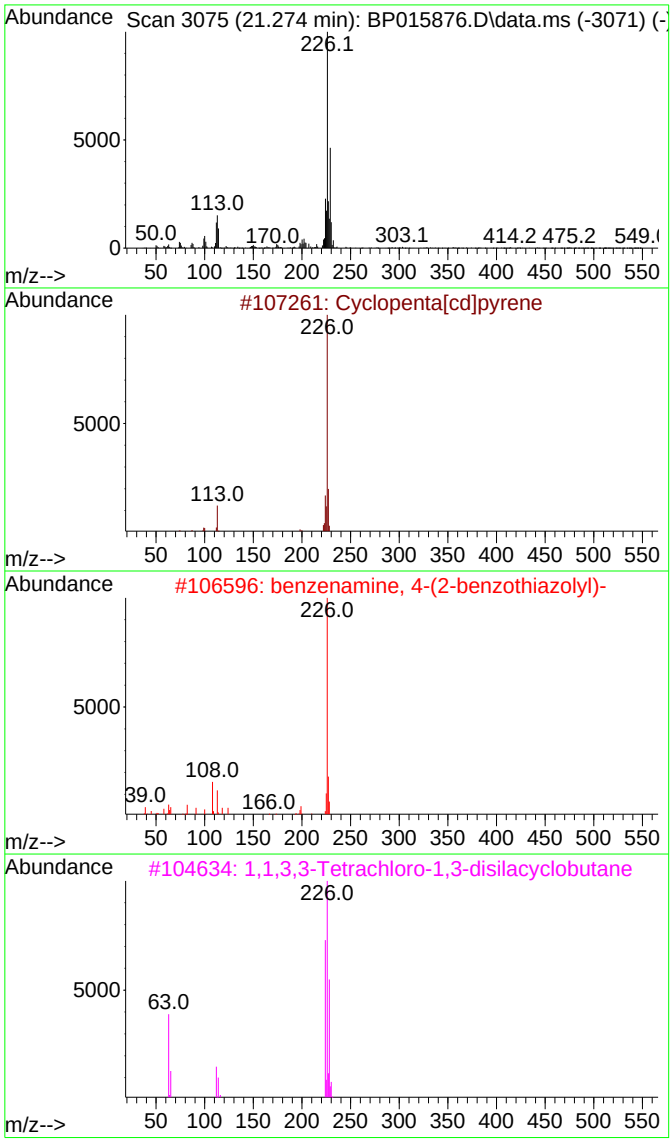
Quant Title : SVOA CALIBRATION

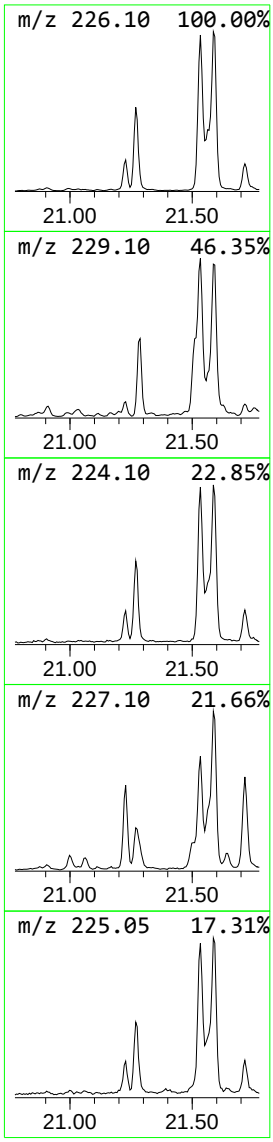
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.274	2.23 ng/ul	907737	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	47
3	1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	47
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	46
5	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	43





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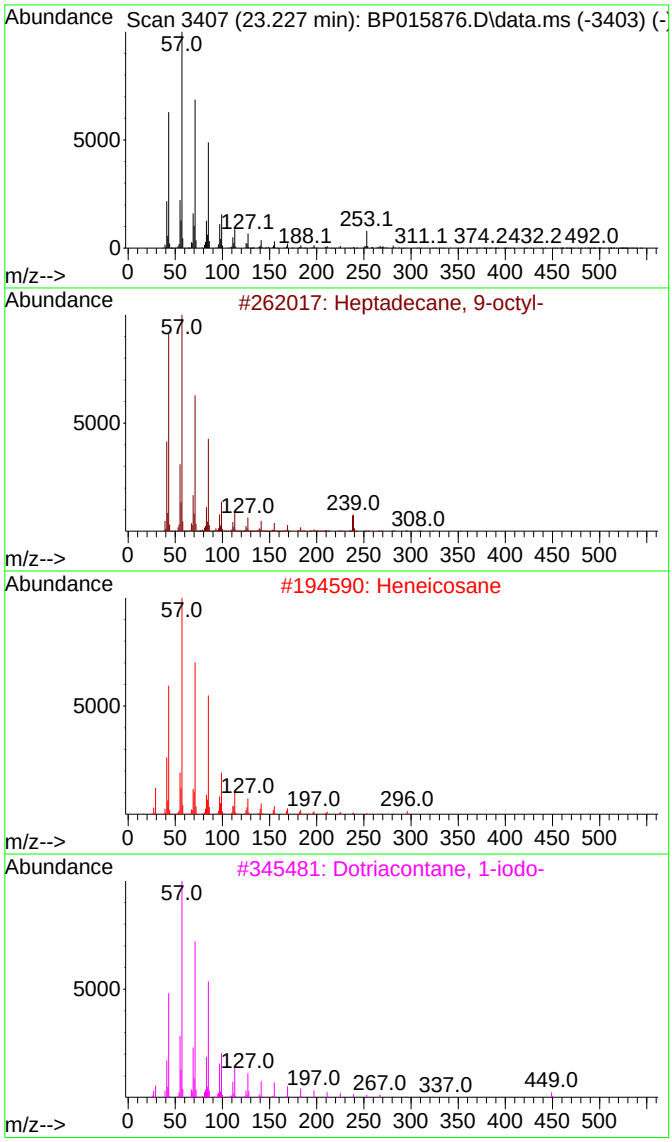
Quant Title : SVOA CALIBRATION

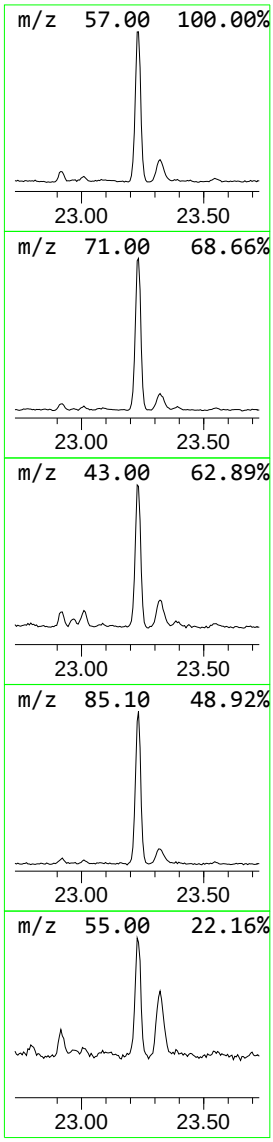
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.227	16.30 ng/ul	2065230	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





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ClientSampleId :
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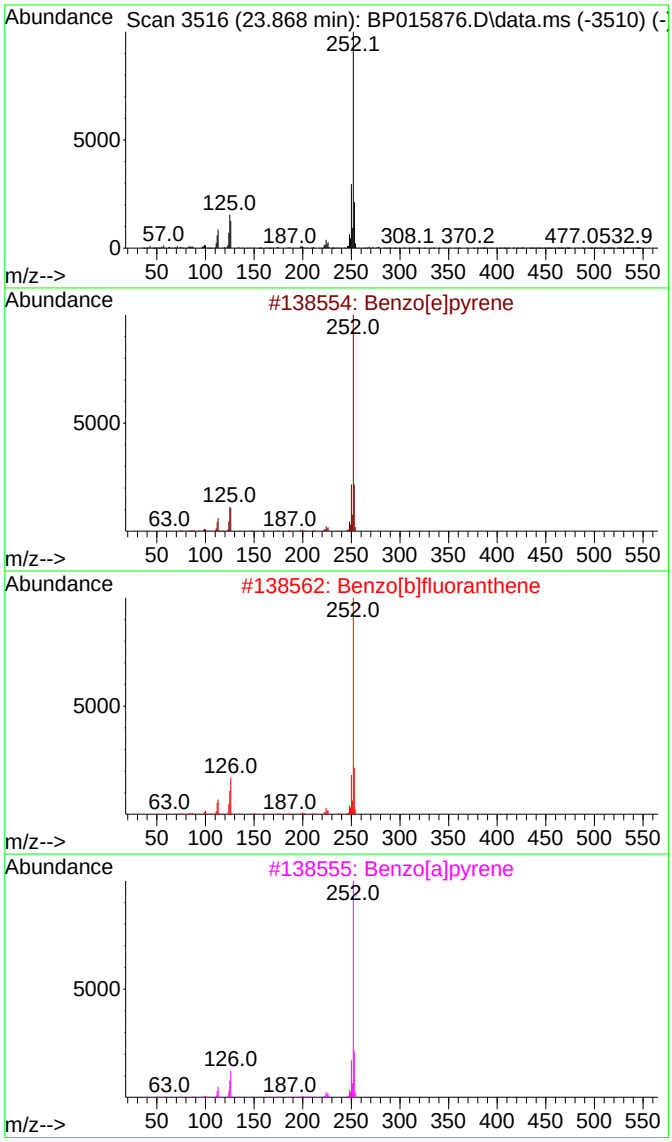
Quant Title : SVOA CALIBRATION

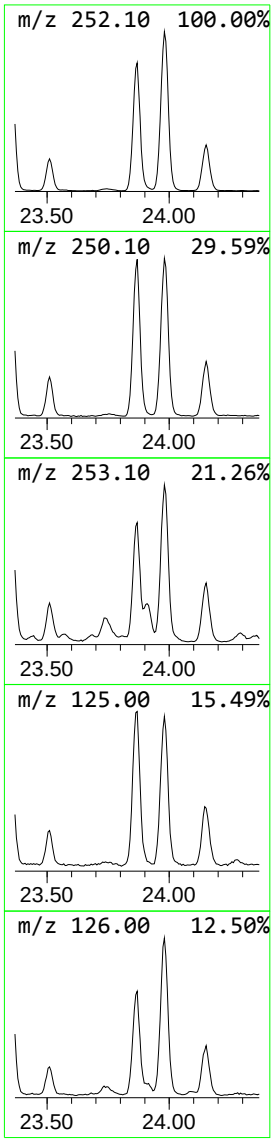
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.868	29.80 ng/ul	3775050	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Perylene	252	C20H12	000198-55-0	95





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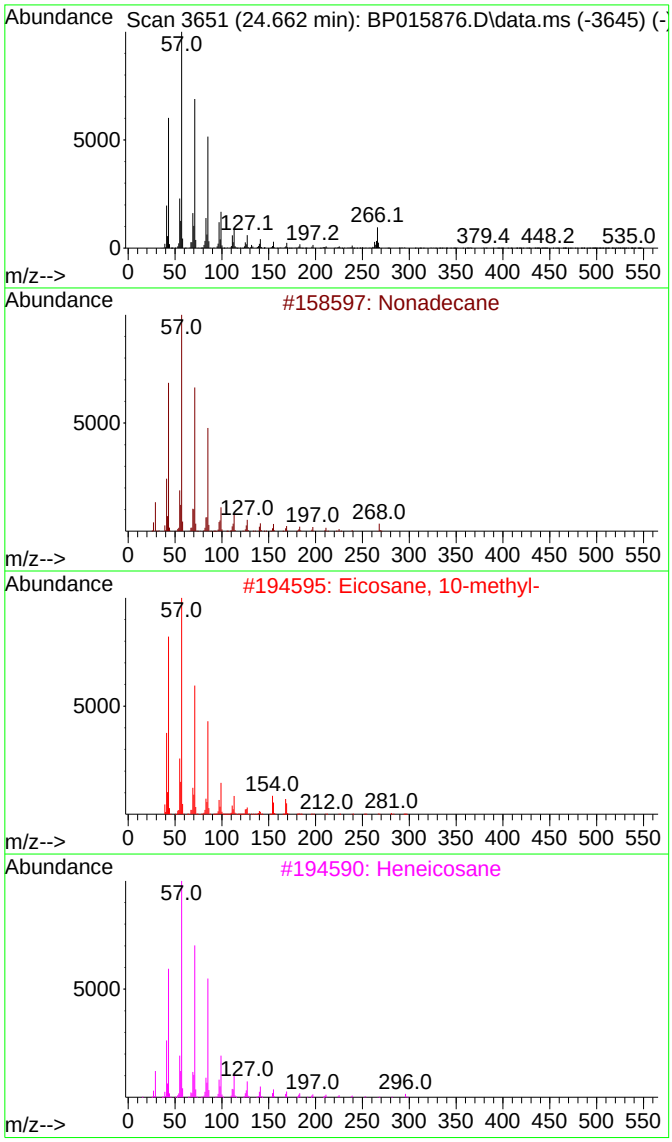
Quant Title : SVOA CALIBRATION

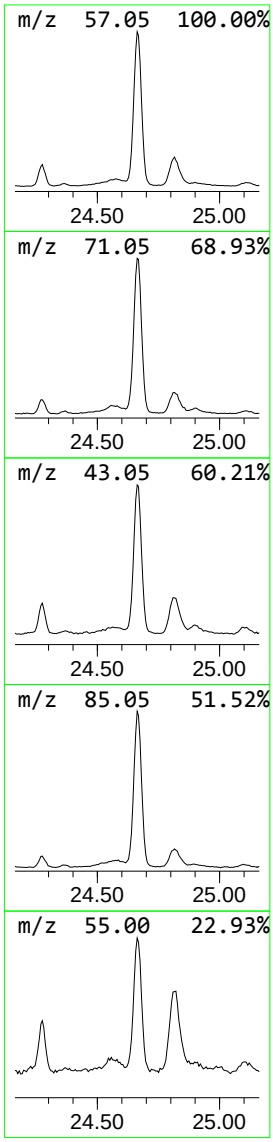
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.663	34.91 ng/ul	4423170	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83





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Misc :
ALS Vial : 43 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

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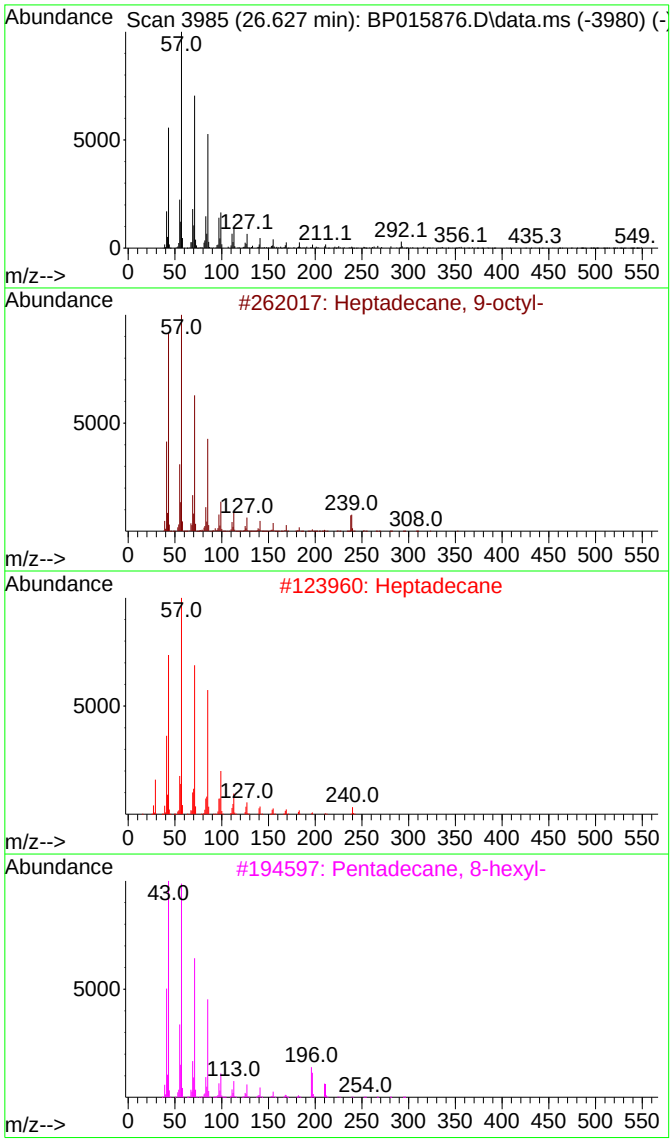
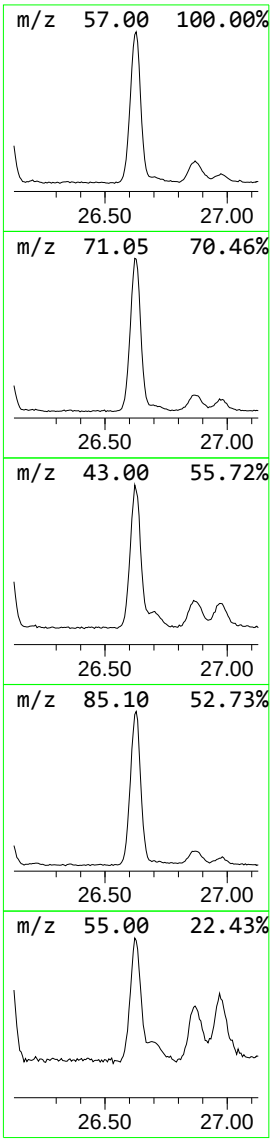
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.627	18.35 ng/ul	2324280	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Heptadecane	240	C17H36	000629-78-7	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015876.D
Acq On : 01 Jul 2023 09:46
Operator : MA/JU
Sample : 03239-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.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
2H-Pyran, tetra...	3.922	2.2	ng/ul	172763	1	8.052	1572730	20.0
Benzophenone	16.069	2.7	ng/ul	341217	3	14.704	2569630	20.0
Carba zole	17.886	2.6	ng/ul	365988	4	17.463	2851850	20.0
cis-Vaccenic acid	18.257	3.6	ng/ul	518387	4	17.463	2851850	20.0
n-Hexadecanoic ...	18.316	18.1	ng/ul	2580170	4	17.463	2851850	20.0
Phenanthrene, 2...	18.375	3.2	ng/ul	459390	4	17.463	2851850	20.0
4H-Cyclopenta[d...	18.516	4.1	ng/ul	583925	4	17.463	2851850	20.0
9,10-Anthracene...	18.869	2.3	ng/ul	330023	4	17.463	2851850	20.0
Phenanthrene, 2...	19.198	2.4	ng/ul	341171	4	17.463	2851850	20.0
Octadecanoic acid	19.539	2.0	ng/ul	823878	5	21.551	8145040	20.0
Benzo[b]naphtho...	21.198	3.1	ng/ul	1259470	5	21.551	8145040	20.0
unknown-01	21.221	3.3	ng/ul	1334810	5	21.551	8145040	20.0
Cyclopenta[cd]p...	21.274	2.2	ng/ul	907737	5	21.551	8145040	20.0
(DEL) Alkane: S...	23.227	16.3	ng/ul	2065230	6	24.092	2533820	20.0
Benzo[e]pyrene	23.868	29.8	ng/ul	3775050	6	24.092	2533820	20.0
(DEL) Alkane: S...	24.663	34.9	ng/ul	4423170	6	24.092	2533820	20.0
(DEL) Alkane: S...	26.627	18.4	ng/ul	2324280	6	24.092	2533820	20.0