LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015955.D
Acq On : 03 Jul 2023 17:22
Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

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: BP015955.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.917	119	124	133	rVV	186594	262865	1.69%	0.181%
2	4.034	140	144	152	rVB	68136	106249	0.68%	0.073%
3	4.487	217	221	226	rBV	82308	119021	0.77%	0.082%
4	5.111	319	327	334	rBV2	68475	122735	0.79%	0.084%
5	6.681	585	594	605	rBV	756299	1160176	7.46%	0.798%
6	7.246	680	690	706	rVV	354925	1079497	6.94%	0.743%
7	7.375	706	712	721	rVV	426239	847313	5.45%	0.583%
8	7.452	721	725	736	rVV	89709	183899	1.18%	0.127%
9	7.587	740	748	771	rVB	513764	1127956	7.26%	0.776%
10	8.046	819	826	839	rBV	819652	1629640	10.48%	1.121%
11	8.804	948	955	968	rBV2	306173	1041632	6.70%	0.717%
12	8.904	968	972	988	rVB	149872	371021	2.39%	0.255%
13	9.246	1020	1030	1044	rBV	471630	1082615	6.96%	0.745%
14	9.975	1140	1154	1172	rBV2	264740	909302	5.85%	0.626%
15	10.181	1181	1189	1196	rBV8	42603	112630	0.72%	0.077%
16	10.269	1196	1204	1217	rVB8	53397	139042	0.89%	0.096%
17	10.563	1246	1254	1276	rBV2	345872	1280886	8.24%	0.881%
18	10.875	1300	1307	1325	rVV	1196749	2674057	17.20%	1.840%
19	10.998	1325	1328	1337	rVV9	30976	70564	0.45%	0.049%
20	11.093	1338	1344	1356	rVV2	52410	171822	1.11%	0.118%
21	12.557	1587	1593	1604	rBV	35787	88181	0.57%	0.061%
22	12.763	1621	1628	1634	rBV3	44144	86791	0.56%	0.060%
23	13.551	1757	1762	1771	rVB5	46042	104855	0.67%	0.072%
24	13.998	1833	1838	1840	rBV4	60118	101883	0.66%	0.070%
25	14.110	1847	1857	1867	rBV	1164619	2049478	13.18%	1.410%
26	14.234	1874	1878	1885	rVB3	71856	117184	0.75%	0.081%
27	14.392	1898	1905	1920	rBV	1526500	2726867	17.54%	1.876%
28	14.557	1929	1933	1940	rVB2	48394	73618	0.47%	0.051%
29	14.698	1950	1957	1963	rVV	2088421	3297722	21.21%	2.269%
30	14.763	1965	1968	1978	rVB	181606	309489	1.99%	0.213%
31	14.922	1986	1995	1999	rBV3	102751	173840	1.12%	0.120%
32	15.010	2004	2010	2022	rVV4	149501	543050	3.49%	0.374%
33	15.110	2022	2027	2035	rVV2	133900	346377	2.23%	0.238%
34	15.175	2035	2038	2047	rVB5	50023	109191	0.70%	0.075%
35	15.510	2092	2095	2101	rVB	58600	80097	0.52%	0.055%
36	15.592	2101	2109	2116	rBV4	242783	398268	2.56%	0.274%

LSC Area Percent Report

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Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

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	15.692	2118	2126	2133	rBV	1723935	3088475	19.87%	2.125%
38	15.757	2134	2137	2148	rVB2	145876	259847	1.67%	0.179%
39	15.875	2151	2157	2162	rBV2	310596	628171	4.04%	0.432%
40	16.063	2183	2189	2197	rBV2	668350	1055117	6.79%	0.726%
41	16.251	2217	2221	2225	rVB2	120222	147687	0.95%	0.102%
42	16.392	2238	2245	2249	rBV	130336	263960	1.70%	0.182%
43	16.622	2281	2284	2291	rVB2	55474	85692	0.55%	0.059%
44	16.733	2297	2303	2305	rBV2	83018	148724	0.96%	0.102%
45	16.945	2335	2339	2343	rBV	127880	178268	1.15%	0.123%
46	16.981	2343	2345	2349	rVV2	64052	81059	0.52%	0.056%
47	17.133	2367	2371	2375	rBV	118616	193965	1.25%	0.133%
48	17.175	2375	2378	2390	rVB4	102323	223104	1.44%	0.153%
49	17.281	2391	2396	2401	rBV	121867	202937	1.31%	0.140%
50	17.457	2420	2426	2430	rBV	2475123	3626785	23.33%	2.495%
51	17.498	2430	2433	2439	rVV	2732736	4031781	25.94%	2.774%
52	17.563	2439	2444	2448	rVV	1731688	2817438	18.12%	1.938%
53	17.598	2448	2450	2460	rVB	538237	769607	4.95%	0.529%
54	17.880	2492	2498	2510	rBV3	365735	741031	4.77%	0.510%
55	18.257	2558	2562	2566	rBV4	96624	182641	1.17%	0.126%
56	18.310	2566	2571	2577	rVV2	2129326	3131669	20.15%	2.154%
57	18.375	2577	2582	2591	rVB2	639701	1268181	8.16%	0.872%
58	18.451	2592	2595	2599	rVV	159776	210494	1.35%	0.145%
59	18.510	2600	2605	2609	rBV2	474682	881166	5.67%	0.606%
60	18.545	2609	2611	2614	rVB	201856	227756	1.47%	0.157%
61	18.798	2650	2654	2659	rVB	304659	392651	2.53%	0.270%
62	18.863	2661	2665	2671	rVB2	370007	532644	3.43%	0.366%
63	19.080	2699	2702	2706	rBV	102573	138469	0.89%	0.095%
64	19.192	2716	2721	2726	rBV2	322484	575730	3.70%	0.396%
65	19.286	2735	2737	2741	rBV3	68028	83517	0.54%	0.057%
66	19.357	2746	2749	2753	rVV	287520	380950	2.45%	0.262%
67	19.398	2753	2756	2757	rVV	437341	428122	2.75%	0.295%
68	19.427	2757	2761	2763	rVV	2658266	3566814	22.95%	2.454%
69	19.457	2763	2766	2773	rVV	6262687	8640202	55.58%	5.944%
70	19.533	2776	2779	2789	rVB3	640248	980976	6.31%	0.675%
71	19.692	2799	2806	2810	rBV2	263130	676079	4.35%	0.465%
72	19.780	2816	2821	2824	rBV2	2564832	4088236	26.30%	2.813%
73	19.816	2824	2827	2834	rVV	4798883	6174755	39.72%	4.248%
74	19.886	2835	2839	2848	rVB2	349981	600925	3.87%	0.413%
75	19.992	2853	2857	2860	rVB	254871	312494	2.01%	0.215%
76	20.127	2876	2880	2888	rVB4	391581	893552	5.75%	0.615%

LSC Area Percent Report

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Acq On : 03 Jul 2023 17:22
Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCGH6

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

77	20.192	2888	2891	2896	rBV	167542	276400	1.78%	0.190%
78	20.257	2899	2902	2905	rBV2	365757	534362	3.44%	0.368%
79	20.392	2922	2925	2928	rBV2	181334	201709	1.30%	0.139%
80	20.451	2929	2935	2938	rBV2	364458	656860	4.23%	0.452%
81	20.586	2954	2958	2962	rBV	368073	579396	3.73%	0.399%
82	21.033	3030	3034	3043	rBV	695769	1198164	7.71%	0.824%
83	21.192	3057	3061	3064	rBV3	1052456	1474337	9.48%	1.014%
84	21.221	3064	3066	3071	rVV2	999425	1434456	9.23%	0.987%
85	21.269	3072	3074	3081	rVV3	473077	802536	5.16%	0.552%
86	21.333	3082	3085	3090	rVB	616777	781386	5.03%	0.538%
87	21.404	3093	3097	3103	rVV2	666941	1022684	6.58%	0.704%
88	21.533	3111	3119	3125	rBV2	3124209	8457518	54.41%	5.818%
89	21.586	3125	3128	3132	rVB	1986066	2673716	17.20%	1.839%
90	21.904	3177	3182	3198	rVB6	1063091	3834167	24.67%	2.638%
91	22.180	3226	3229	3236	rVB2	515586	949655	6.11%	0.653%
92	22.374	3259	3262	3266	rVB2	589690	744958	4.79%	0.512%
93	23.221	3401	3406	3413	rVB	1549873	2616451	16.83%	1.800%
94	23.310	3415	3421	3436	rVB	2513252	8715004	56.06%	5.996%
95	23.863	3510	3515	3520	rBV	1366979	2806680	18.06%	1.931%
96	23.921	3521	3525	3529	rVV2	988329	1748149	11.25%	1.203%
97	23.980	3530	3535	3546	rVB	1664672	3477917	22.37%	2.393%
98	24.086	3548	3553	3559	rBV	1137002	2272809	14.62%	1.564%
99	24.651	3643	3649	3657	rVB	2103484	4542222	29.22%	3.125%
100	28.739	4334	4344	4366	rVB2	3903580	15544838	100.00%	10.694%

Sum of corrected areas: 145357858

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
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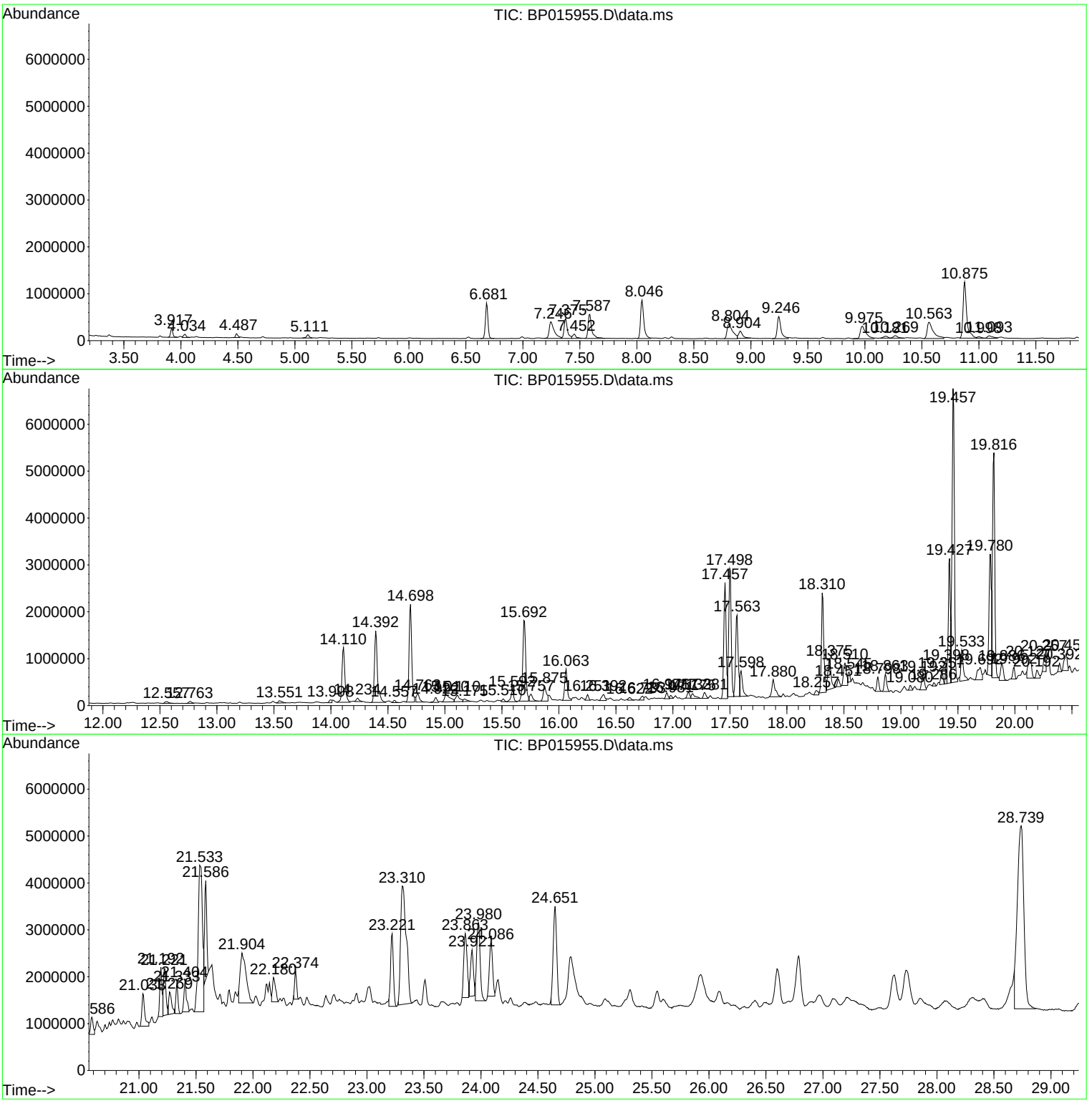
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

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\BP070323\
Data File : BP015955.D
Acq On : 03 Jul 2023 17:22
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Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

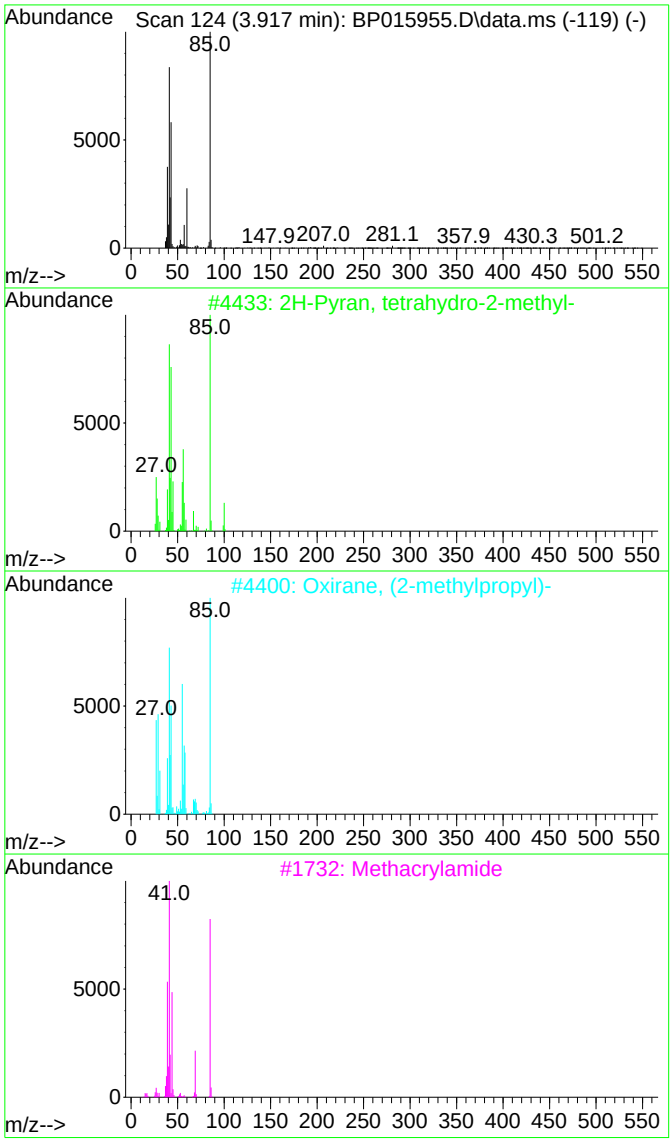
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

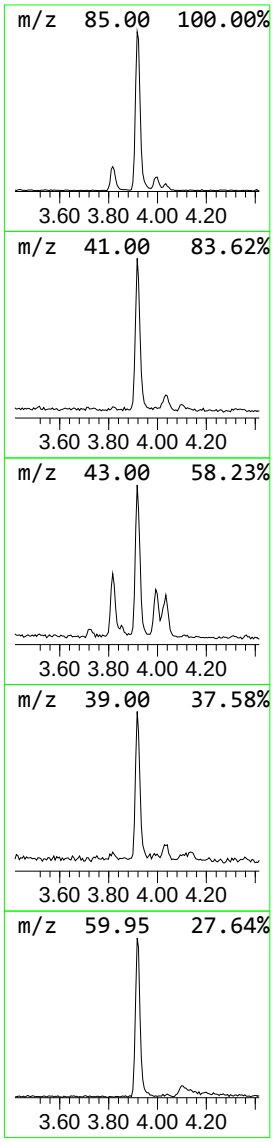
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.917	3.23 ng/ul	262865	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	64
2	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	38
3	Methacrylamide	85	C4H7NO	000079-39-0	38
4	Piperazine, 1-nitroso-	115	C4H9N3O	005632-47-3	36
5	Tetrahydrofuran, 2,2-dimethyl-	100	C6H12O	001003-17-4	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015955.D
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Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

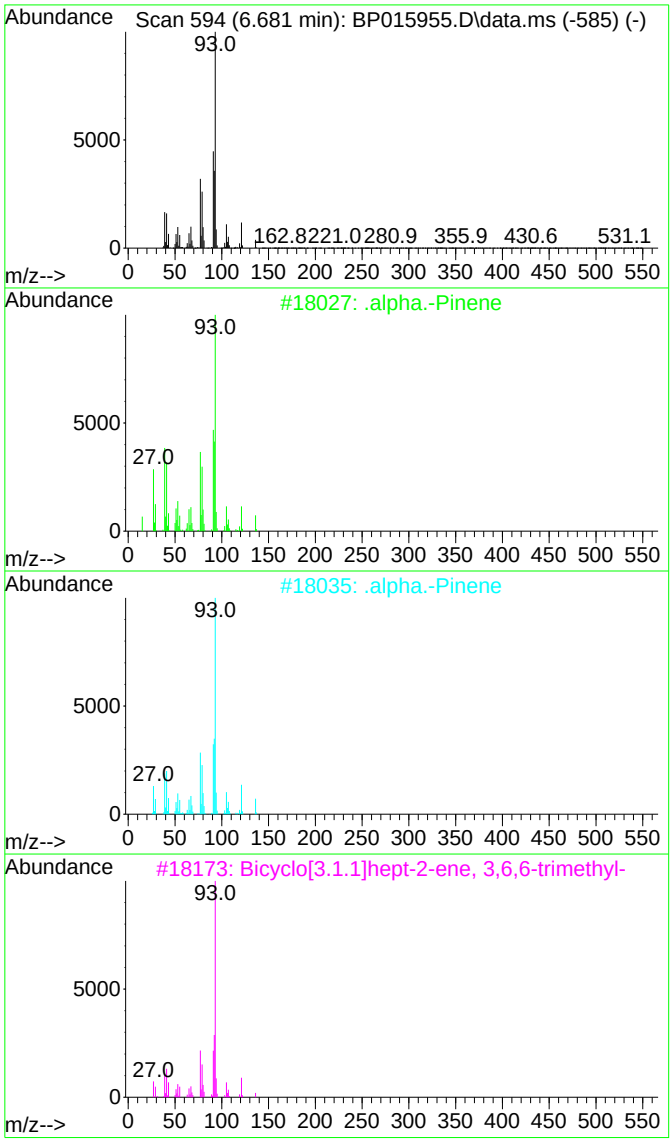
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

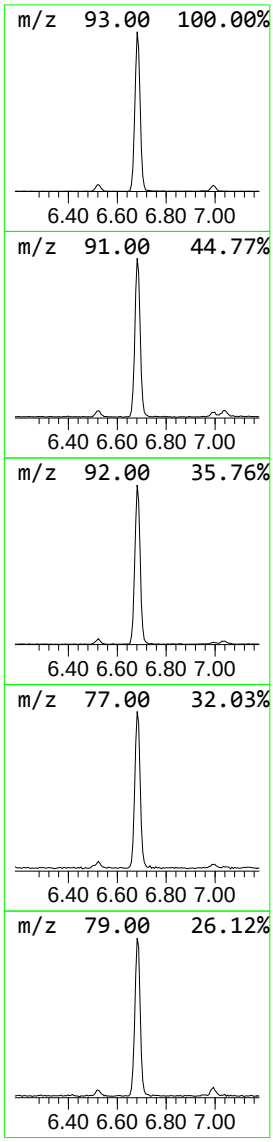
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.681	14.24 ng/ul	1160180	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





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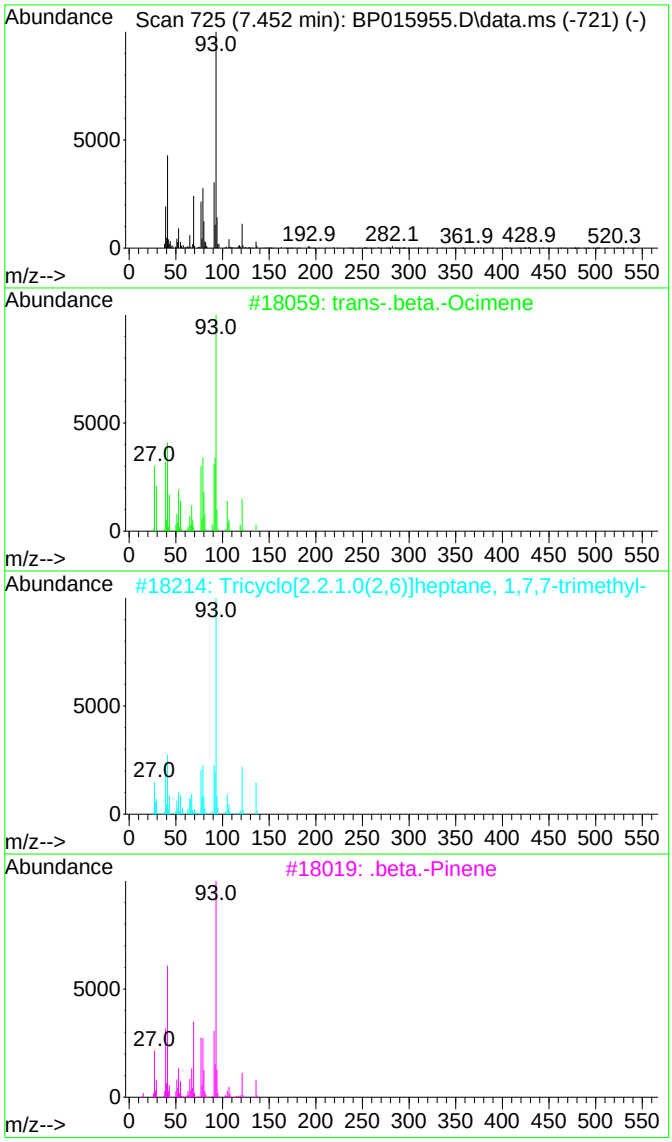
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

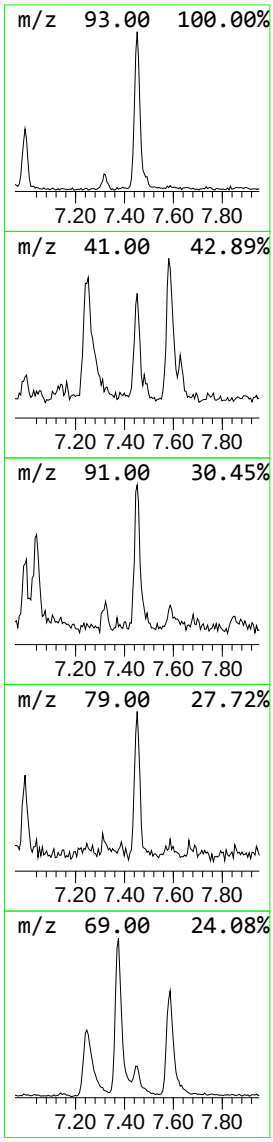
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 trans-.beta.-Ocimene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.452	2.26 ng/ul	183899	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-.beta.-Ocimene	136	C10H16	003779-61-1	86
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	86
3	.beta.-Pinene	136	C10H16	000127-91-3	83
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	80
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	78





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

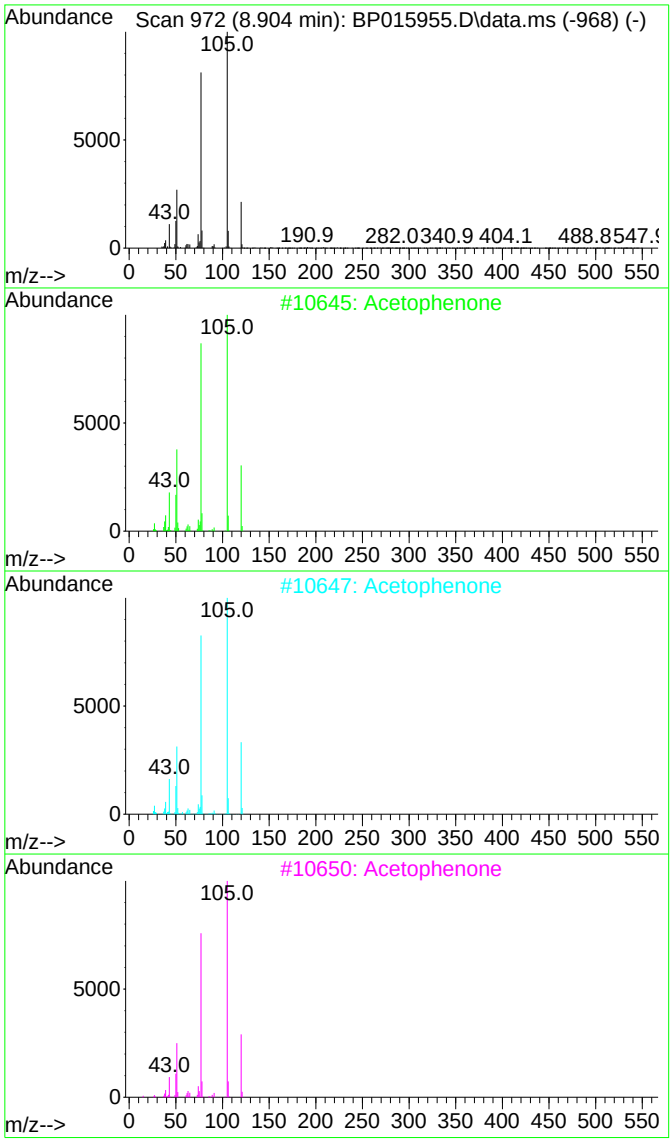
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

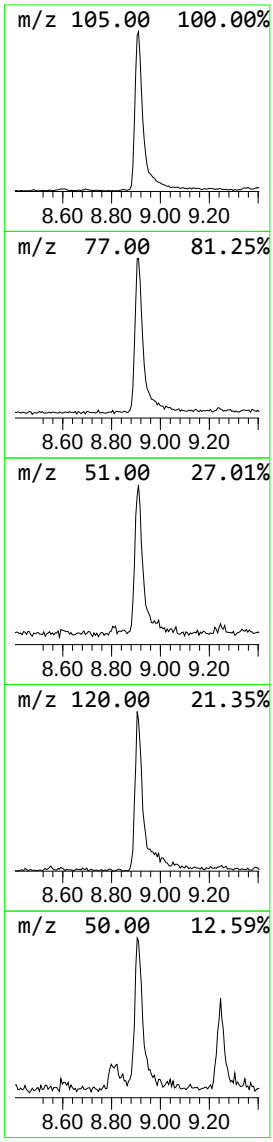
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Aceto phenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.904	4.55 ng/ul	371021	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	95
2	Acetophenone	120	C8H8O	000098-86-2	91
3	Acetophenone	120	C8H8O	000098-86-2	91
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Acetophenone	120	C8H8O	000098-86-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015955.D
Acq On : 03 Jul 2023 17:22
Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

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

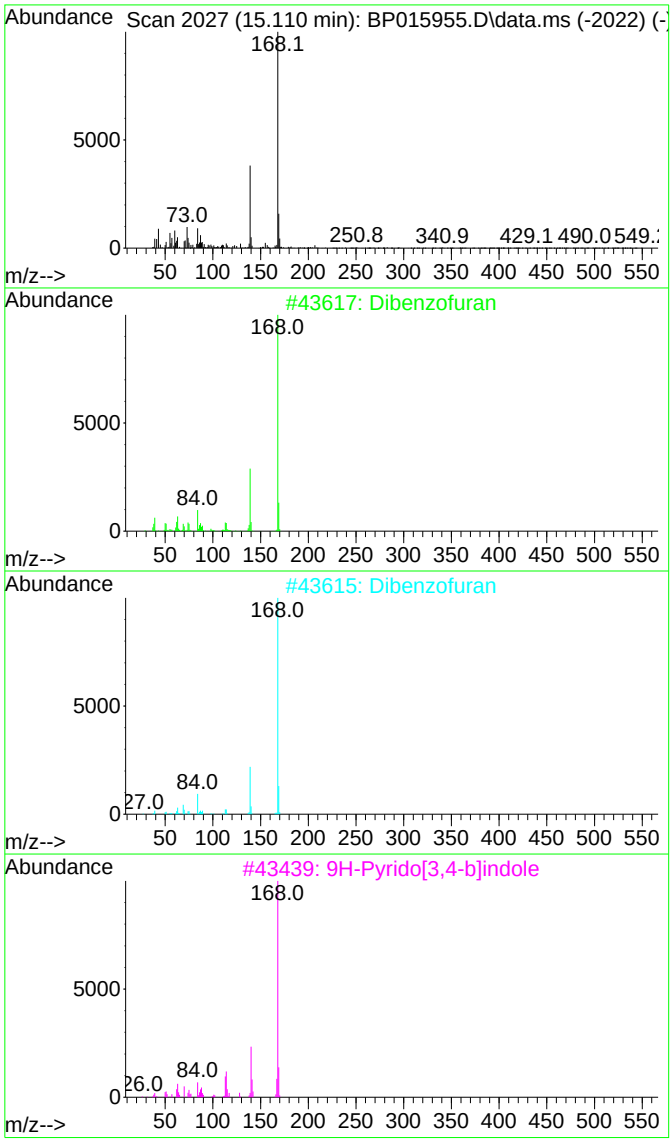
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

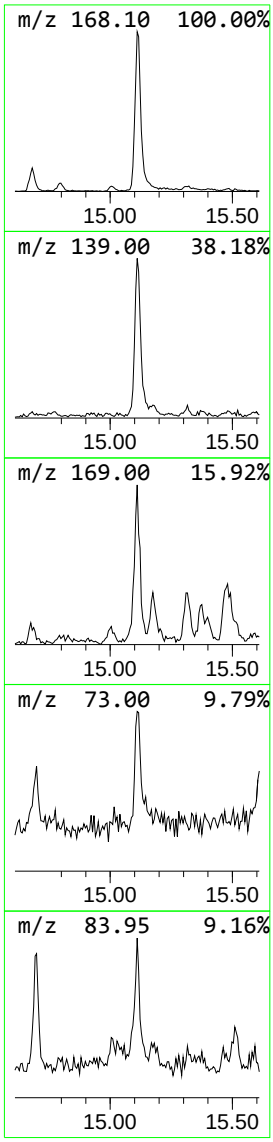
****

Peak Number 5 Dibenzo furan Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	2.10 ng/ul	346377	Acenaphthene-d10	14.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	87
2	Dibenzofuran	168	C12H8O	000132-64-9	64
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	50
4	5-Chloro-1,3-dihydro-2H-benzimid...	168	C7H5ClN2O	002034-23-3	47
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	47





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Acq On : 03 Jul 2023 17:22
Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

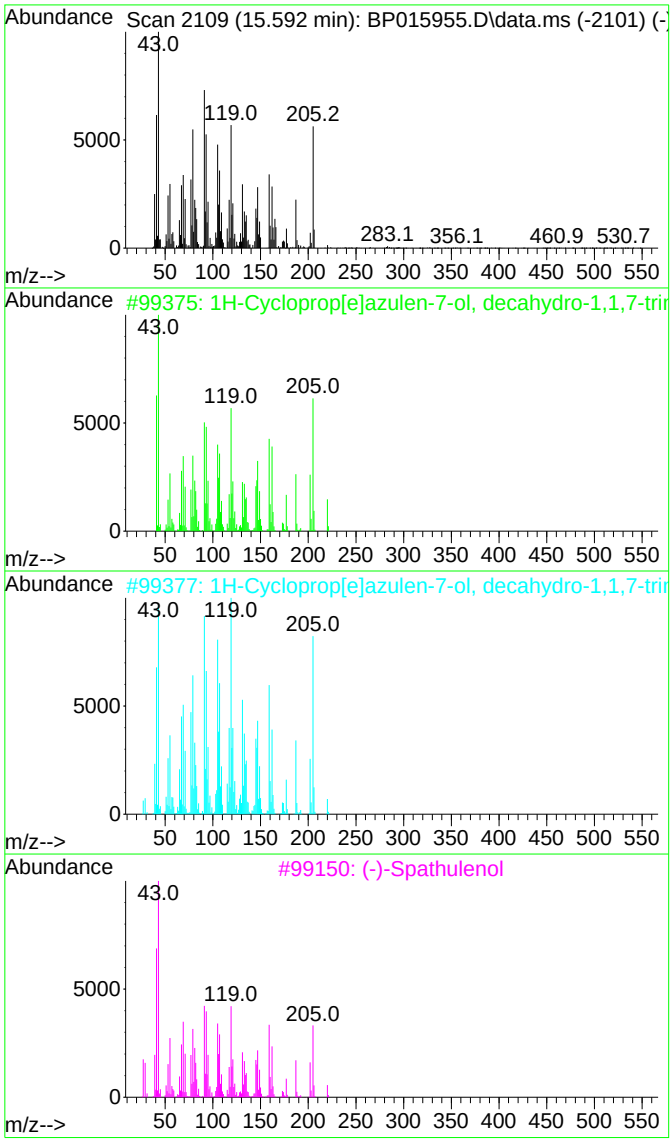
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

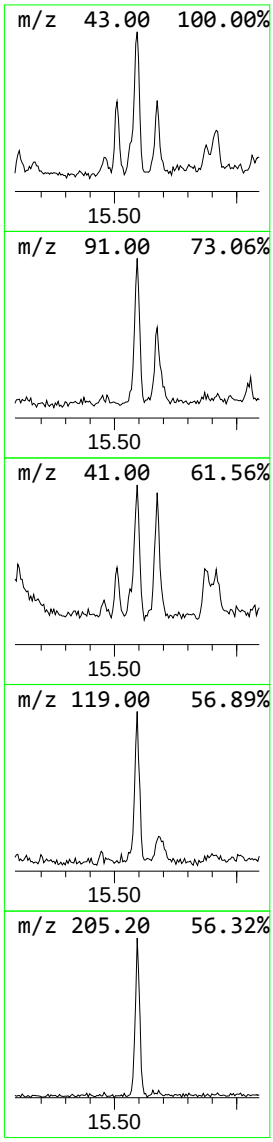
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cycloprop[e]azulen-7-ol,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.592	2.42 ng/ul	398268	Acenaphthene-d10	14.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulen-7-ol, deca...	220	C15H24O	006750-60-3	87
2	1H-Cycloprop[e]azulen-7-ol, deca...	220	C15H24O	006750-60-3	83
3	(-)-Spathulenol	220	C15H24O	077171-55-2	81
4	1H-Cycloprop[e]azulen-7-ol, deca...	220	C15H24O	006750-60-3	74
5	Isospathulenol	220	C15H24O	088395-46-4	49





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Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

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Quant Title : SVOA CALIBRATION

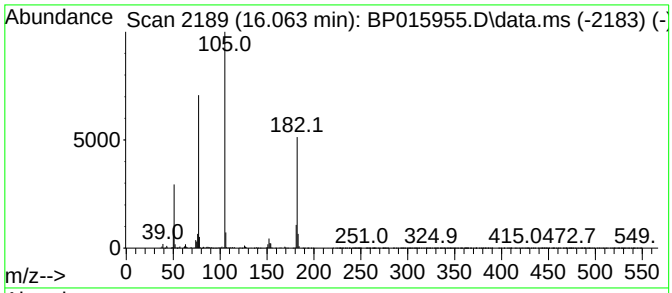
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

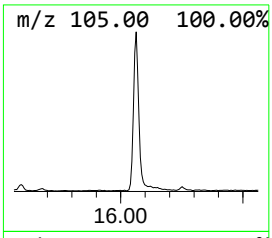
****

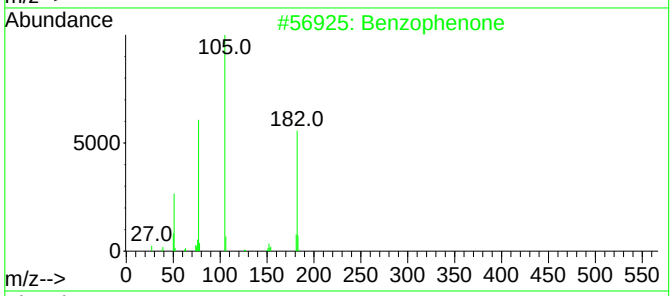
Peak Number 7 Benzophenone Concentration Rank 9

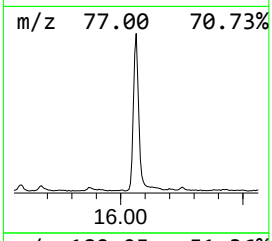
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.063	6.40 ng/ul	1055120	Acenaphthene-d10	14.698

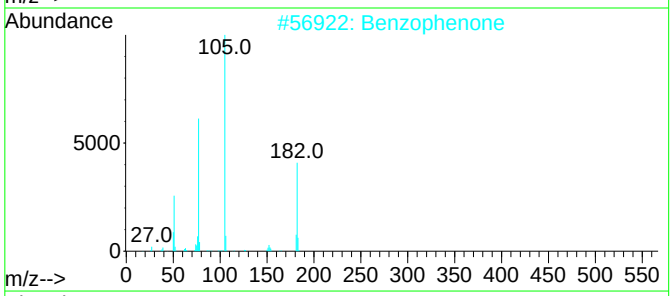
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64

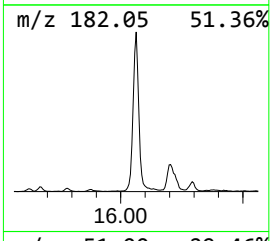


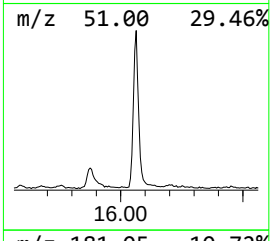


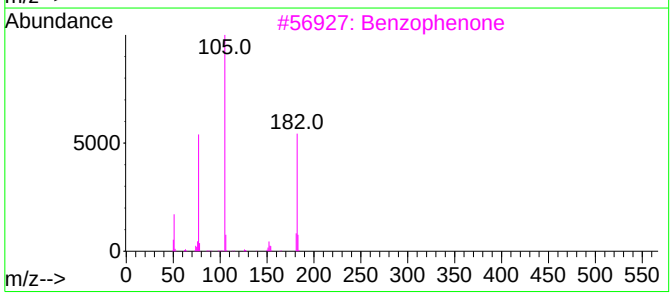


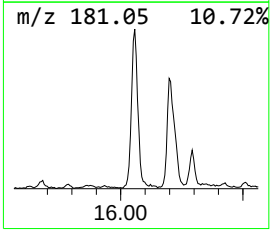












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Acq On : 03 Jul 2023 17:22
Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

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

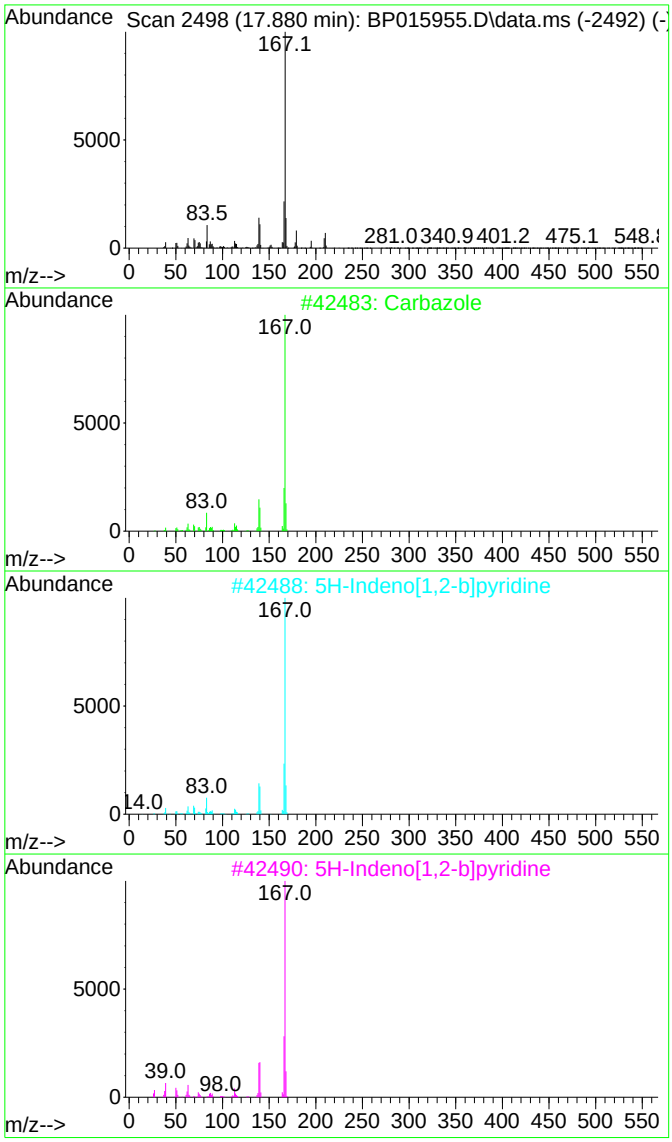
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

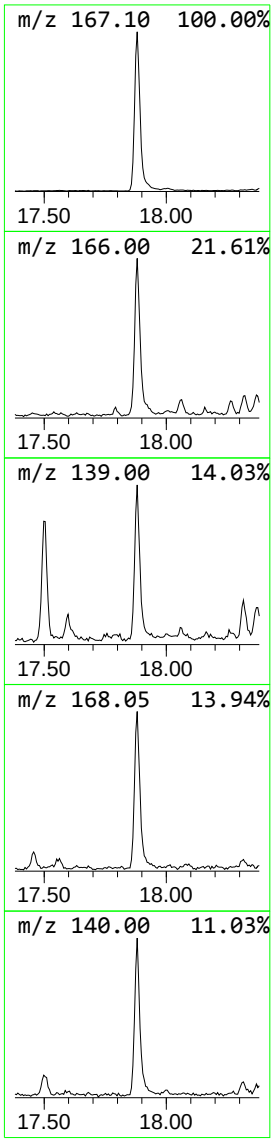
****

Peak Number 8 Carba zole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.881	4.09 ng/ul	741031	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	95
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
4	Carbazole	167	C12H9N	000086-74-8	87
5	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	87





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Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

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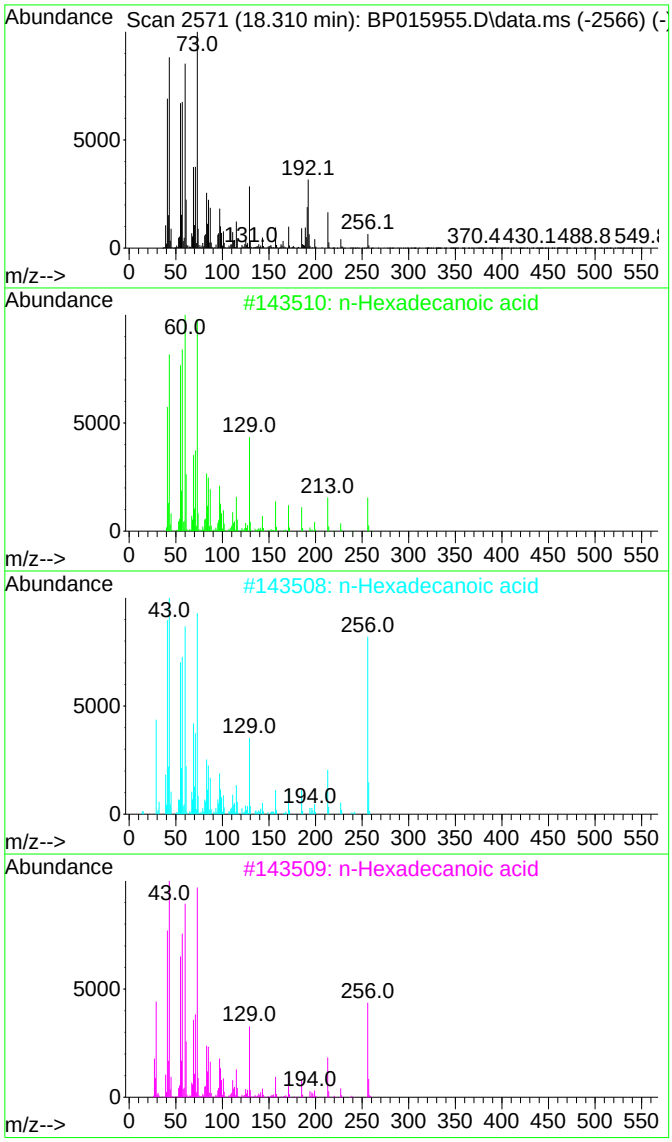
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

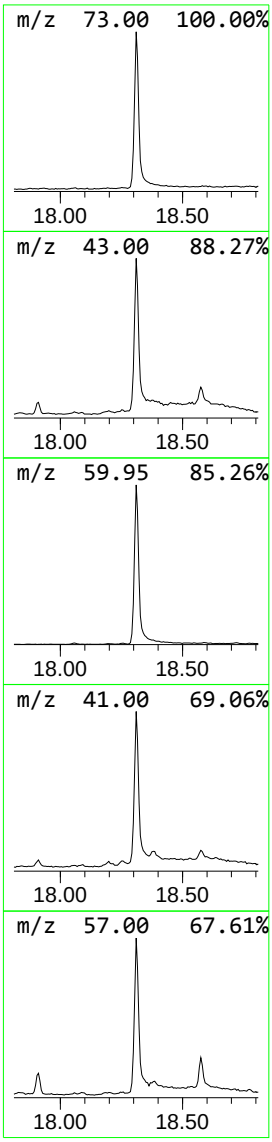
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	17.27 ng/ul	3131670	Phenanthrene-d10	17.457

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	97
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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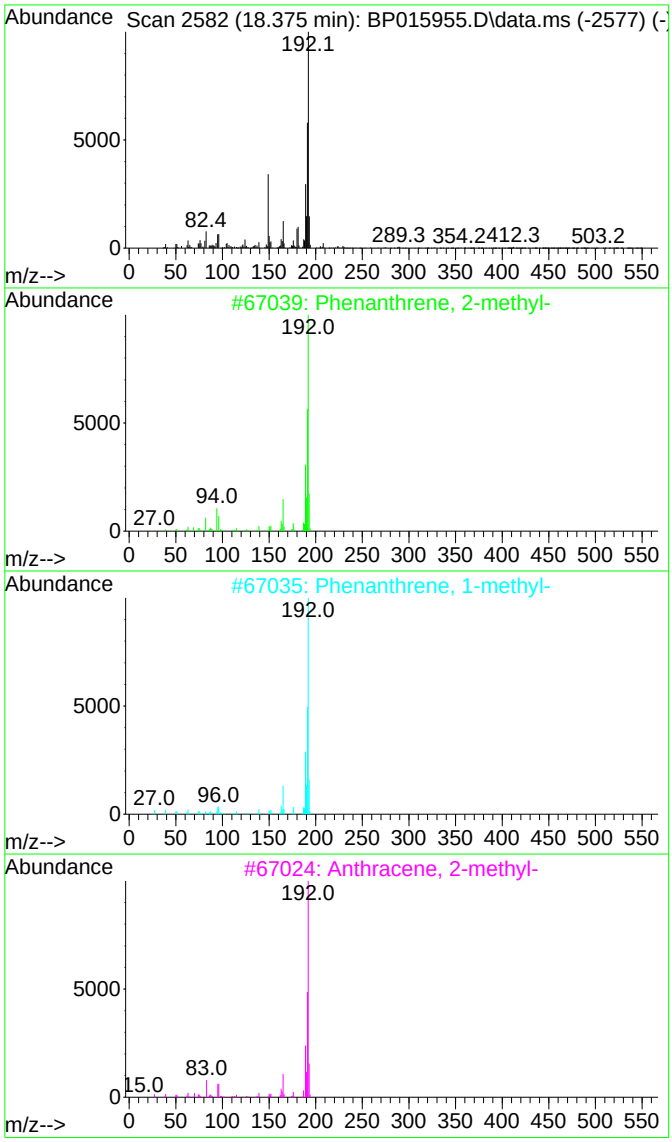
Quant Title : SVOA CALIBRATION

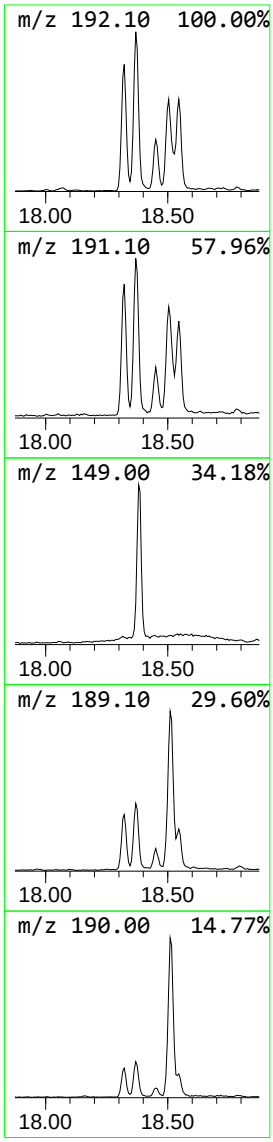
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	6.99 ng/ul	1268180	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

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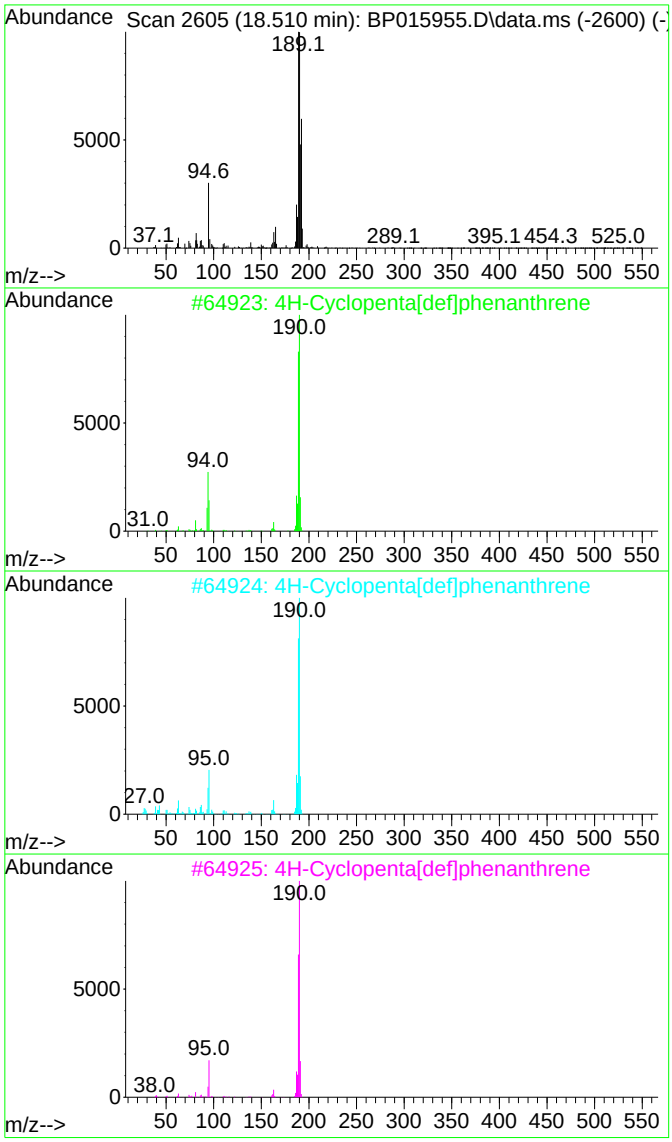
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

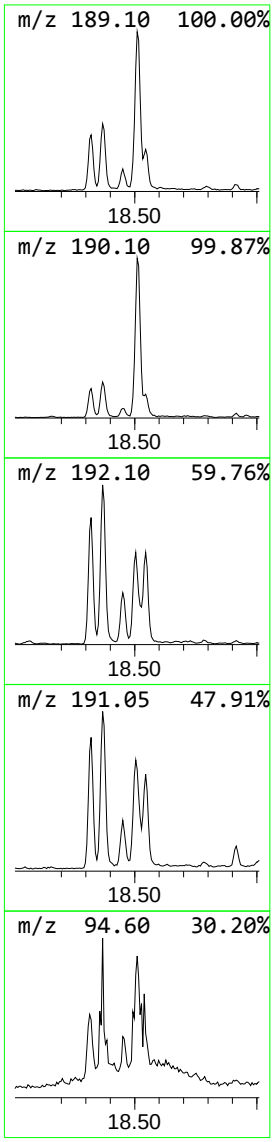
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	4.86 ng/ul	881166	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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ALS Vial : 9 Sample Multiplier: 1

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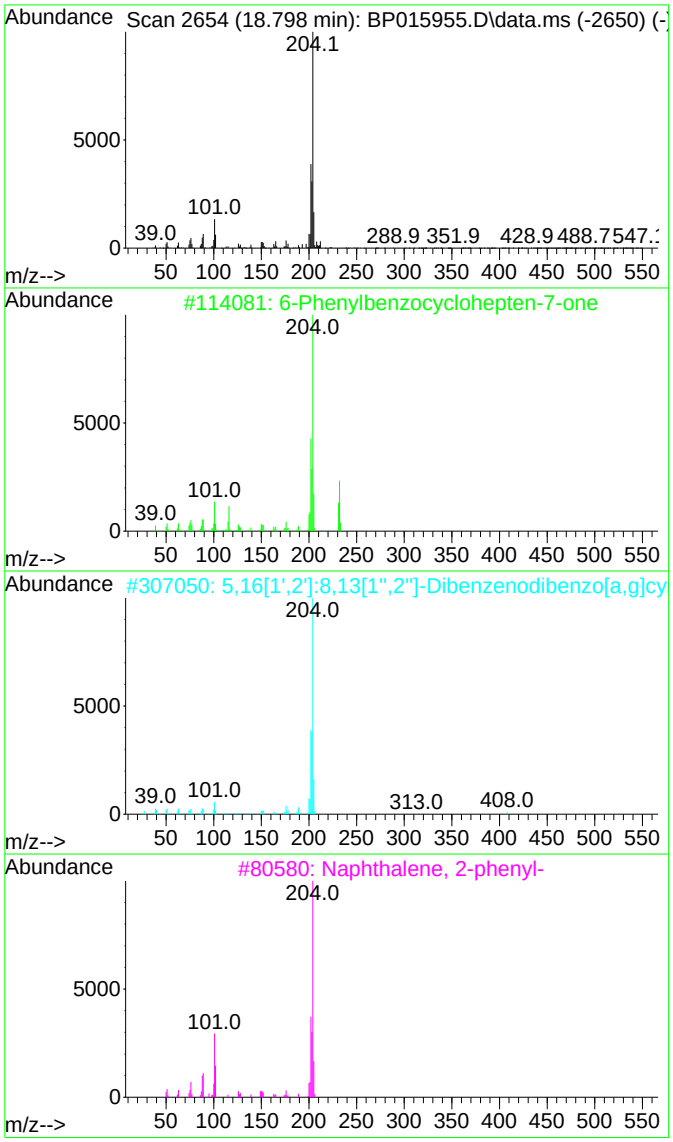
Quant Title : SVOA CALIBRATION

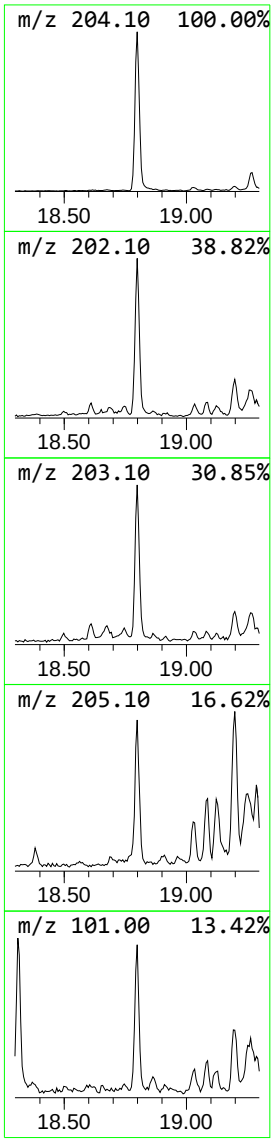
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 6-Phenylbenzocyclohepten-7-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.798	2.17 ng/ul	392651	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83





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ALS Vial : 9 Sample Multiplier: 1

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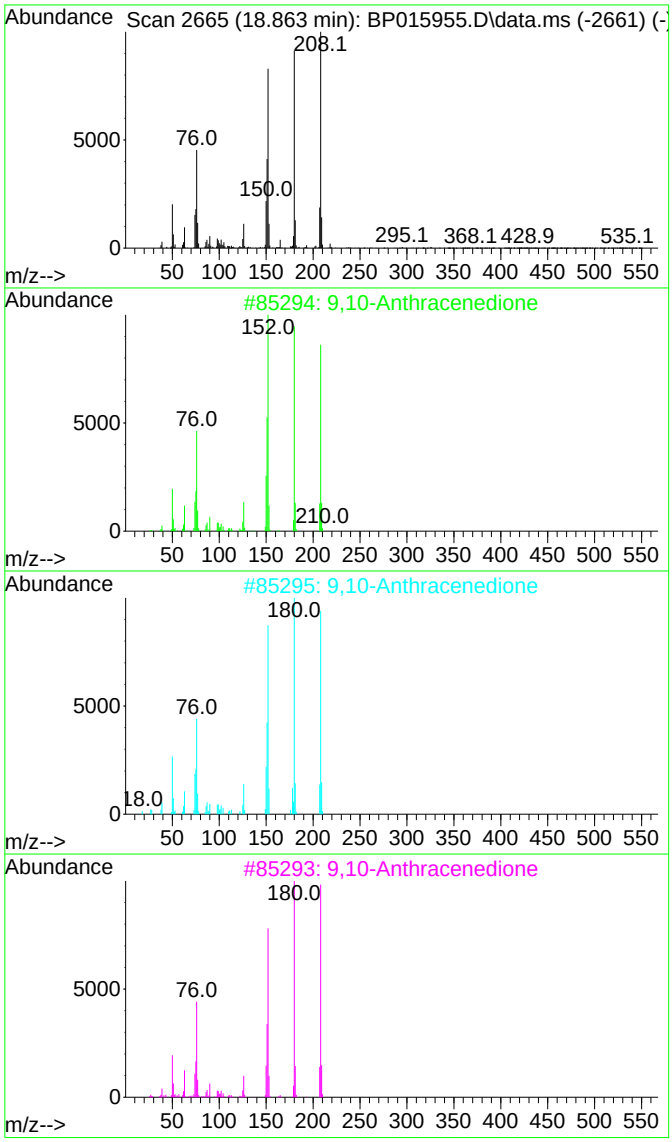
Quant Title : SVOA CALIBRATION

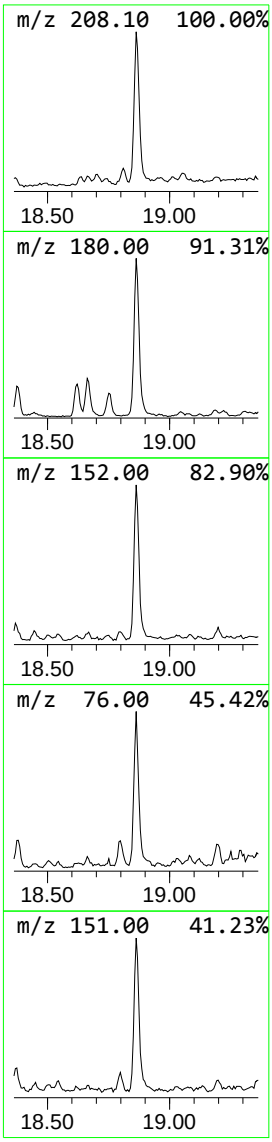
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.863	2.94 ng/ul	532644	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





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ALS Vial : 9 Sample Multiplier: 1

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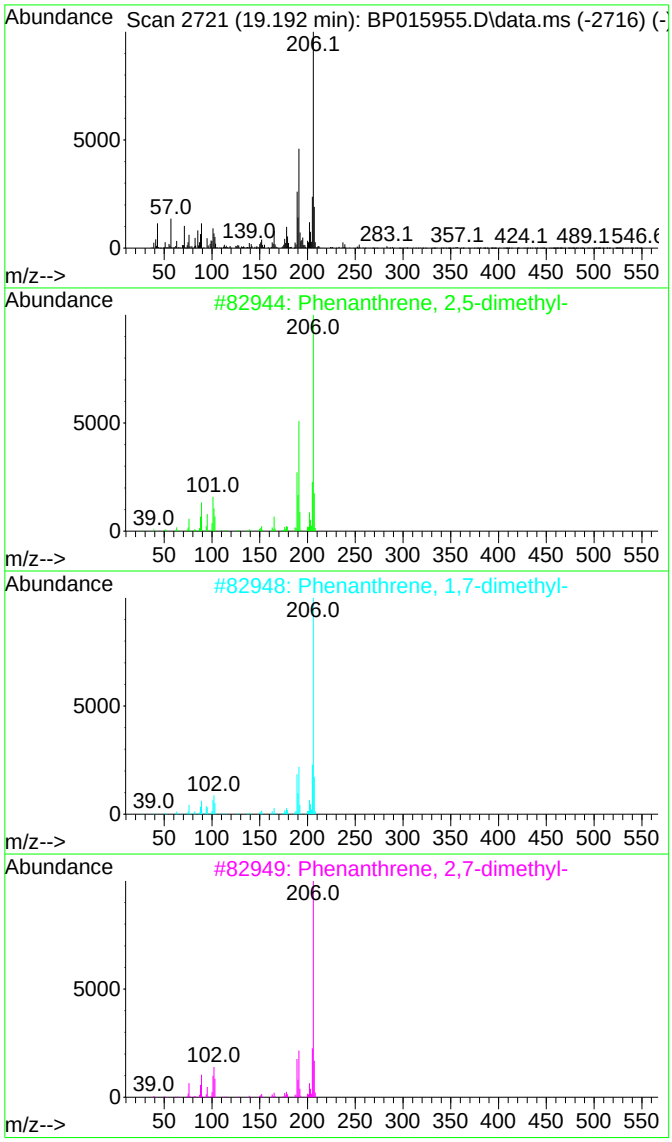
Quant Title : SVOA CALIBRATION

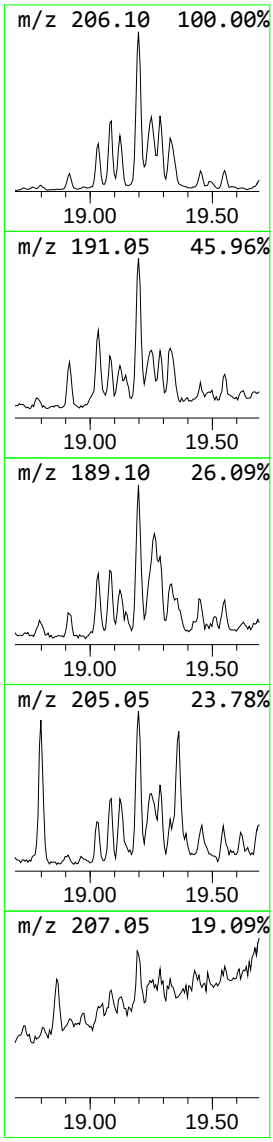
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	3.17 ng/ul	575730	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93





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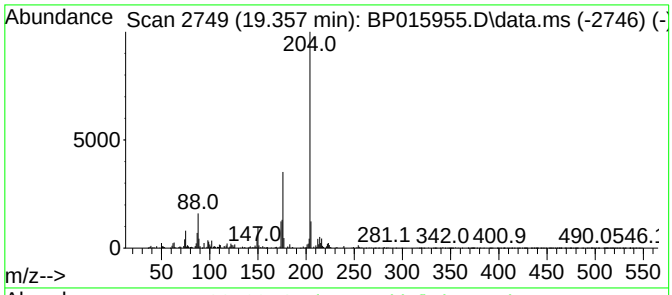
Quant Title : SVOA CALIBRATION

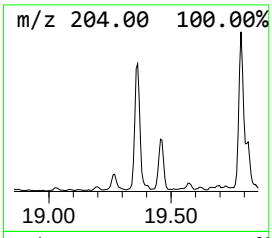
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

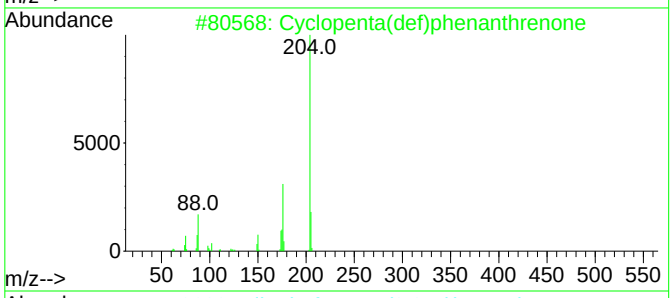
****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 27

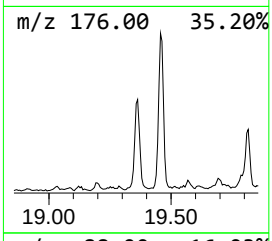
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	2.10 ng/ul	380950	Phenanthrene-d10	17.457

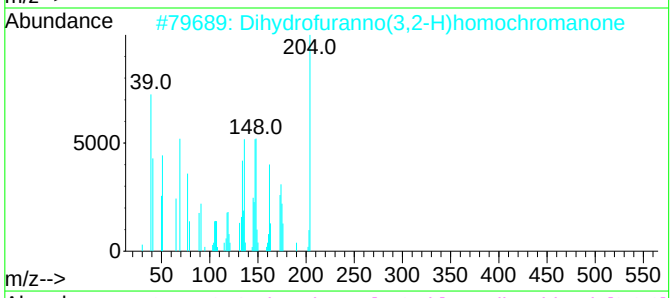
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	53
3	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	52
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
5	2-Methyl-6-nitro-4-quinolinol	204	C10H8N2O3	001207-82-5	47

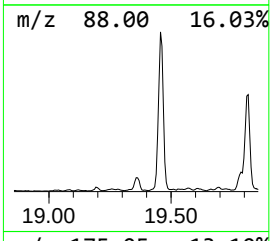


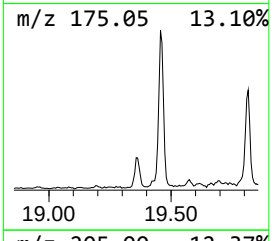


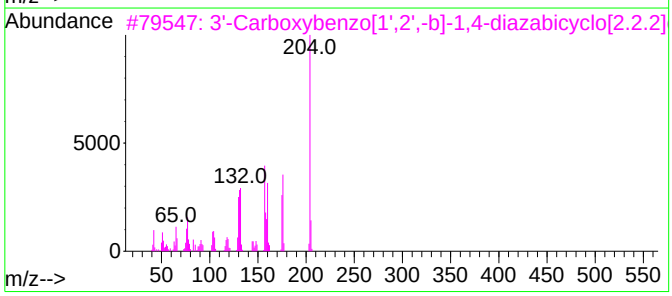


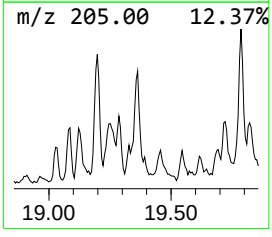












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Acq On : 03 Jul 2023 17:22
Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

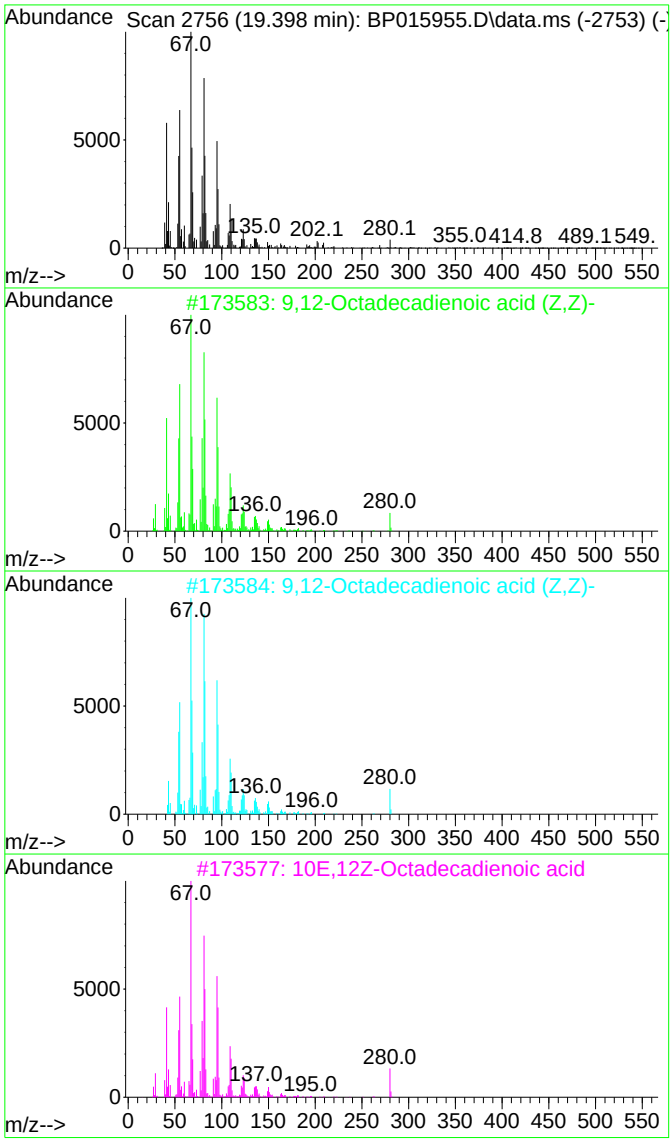
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

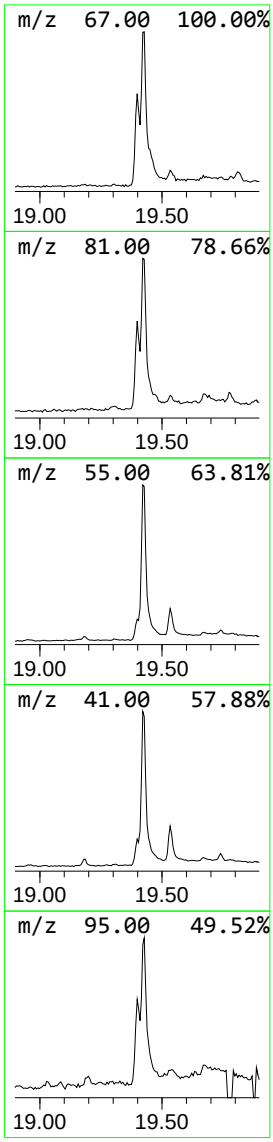
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid (... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	2.36 ng/ul	428122	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	96
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	96
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	95
4	Linoelaidic acid	280	C18H32O2	000506-21-8	95
5	11,13-Eicosadienoic acid, methyl...	322	C21H38O2	056599-57-6	95





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Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

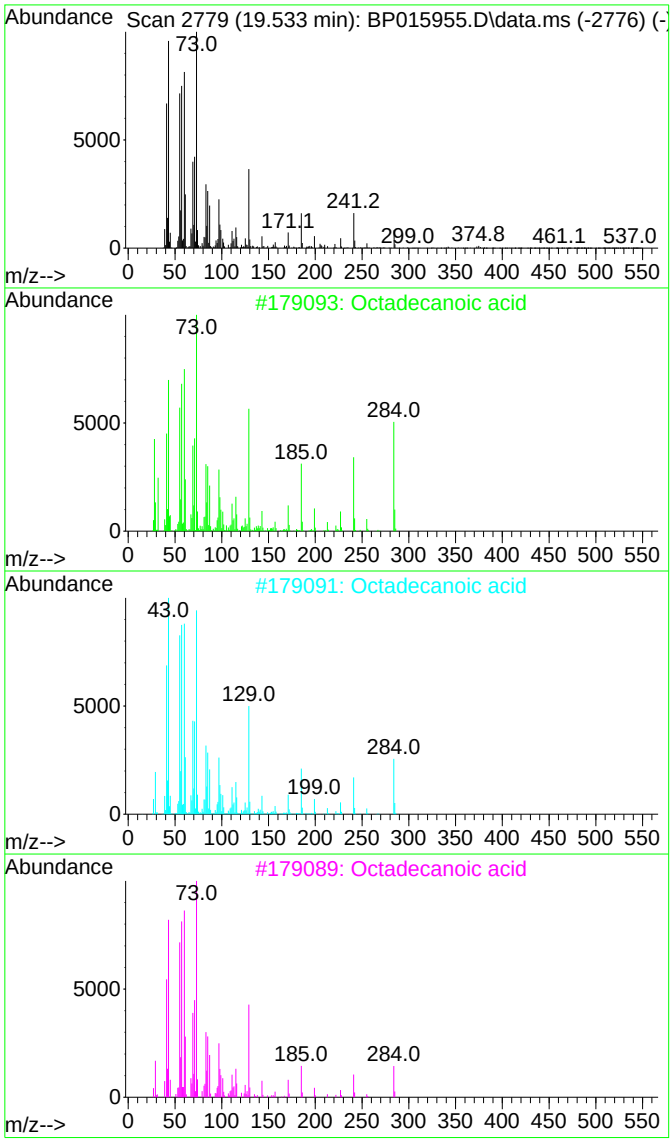
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

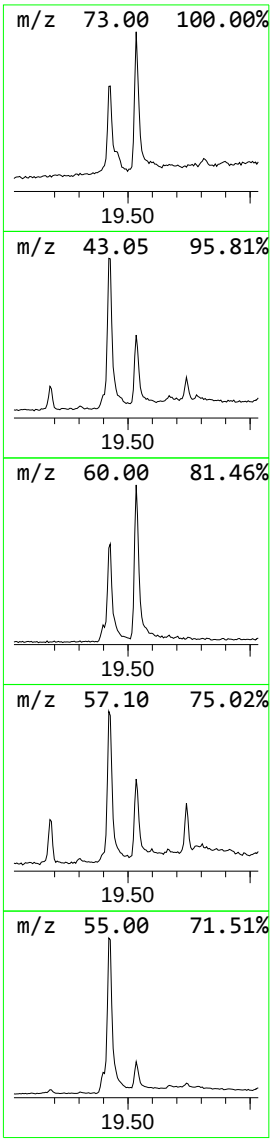
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Octadecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.533	2.32 ng/ul	980976	Chrysene-d12	21.545

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	94





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Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

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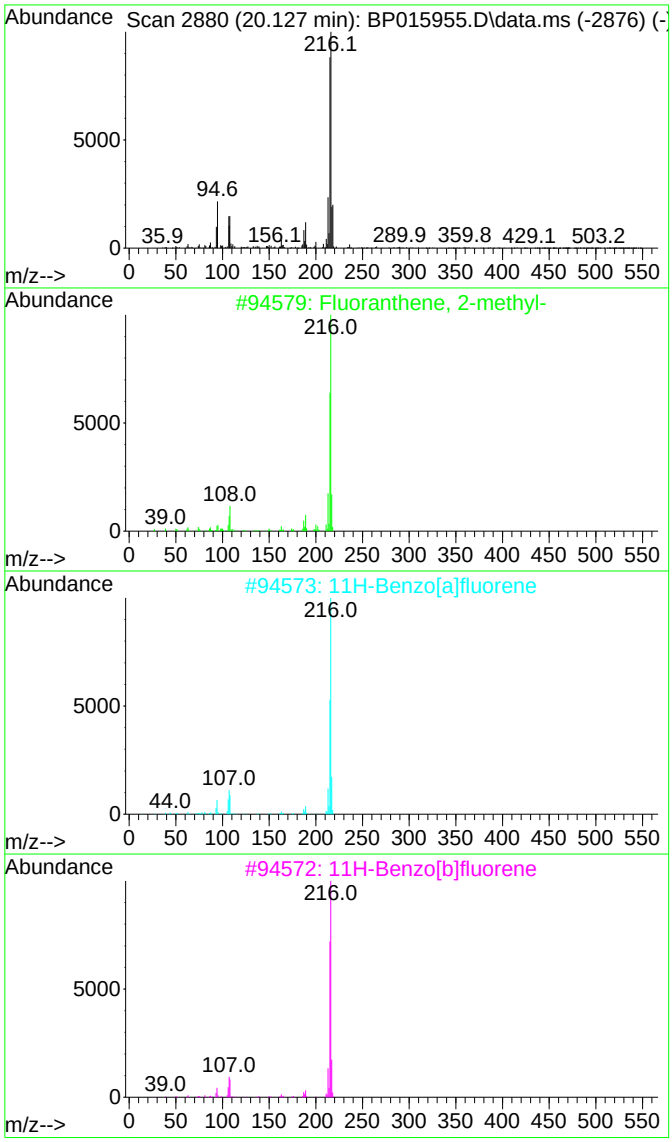
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

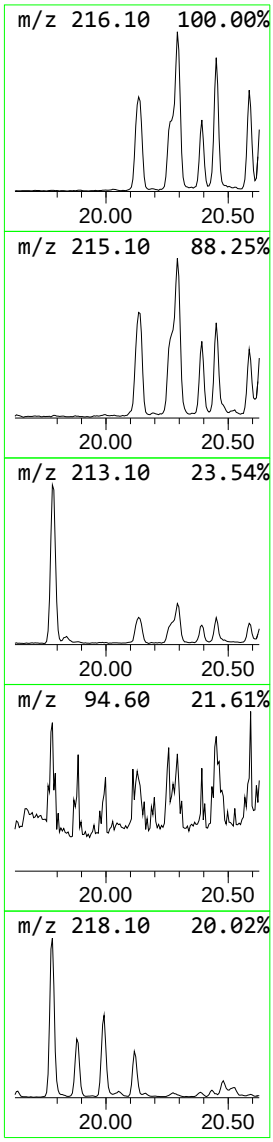
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.127	2.11 ng/ul	893552	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

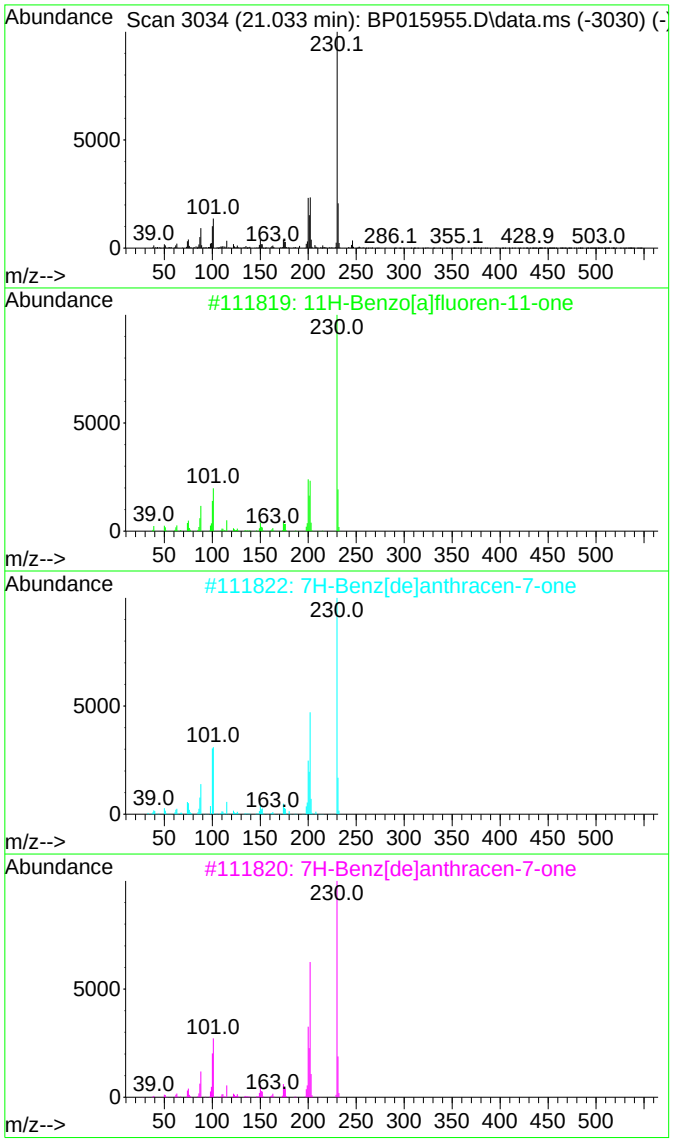
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

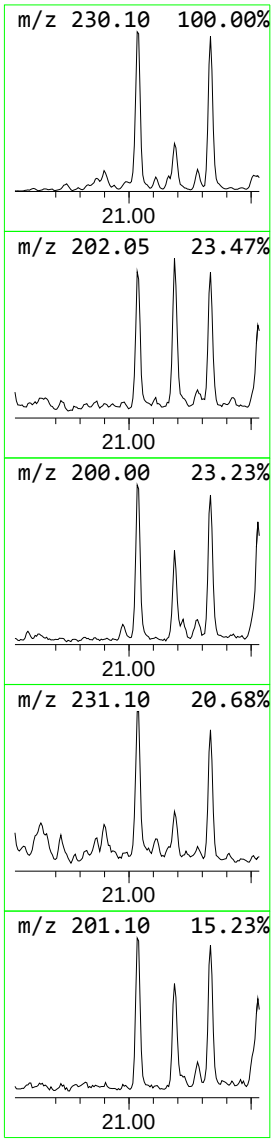
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.033	2.83 ng/ul	1198160	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
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	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





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Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

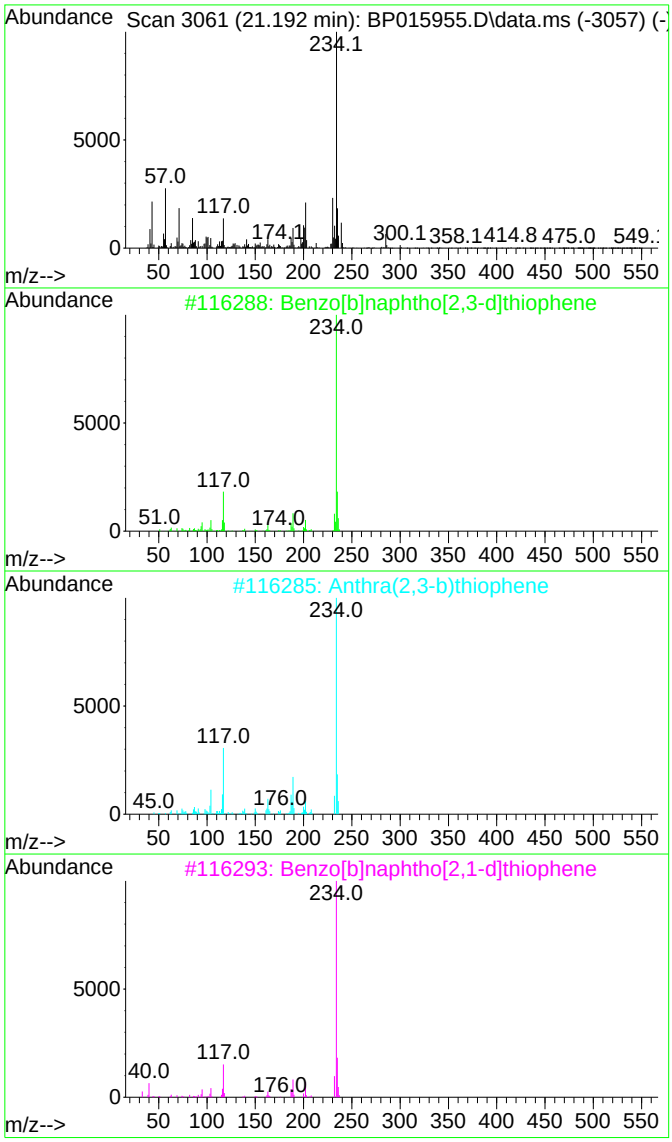
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

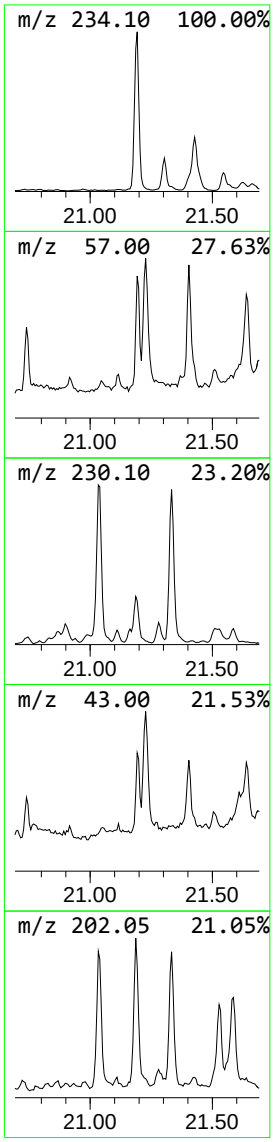
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	3.49 ng/ul	1474340	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	78
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	78
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	70
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	52





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Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

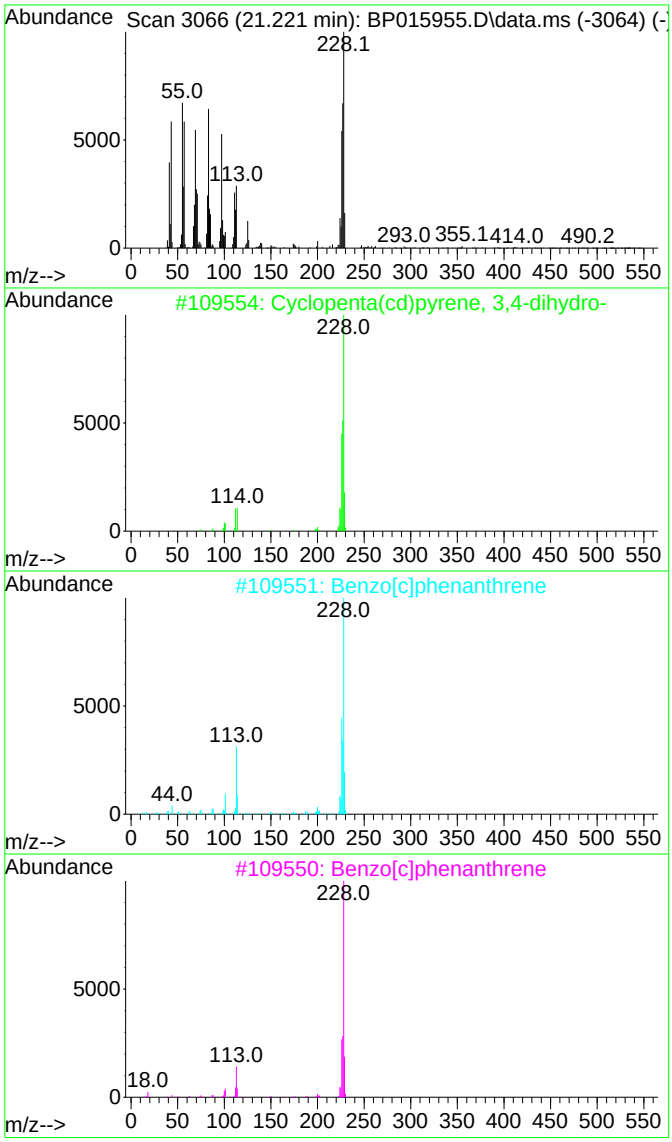
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

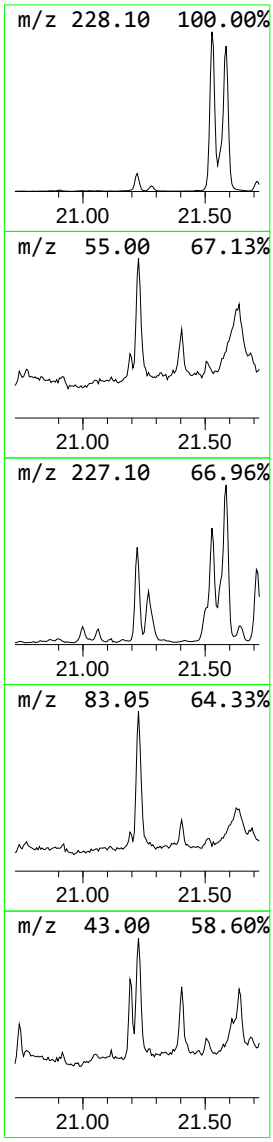
****

Peak Number 21 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	3.39 ng/ul	1434460	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	41
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	41
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	38
5	5-Bromo-1-chloro-2,4-difluoroben...	226	C6H2BrClF2	914636-89-8	38





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Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

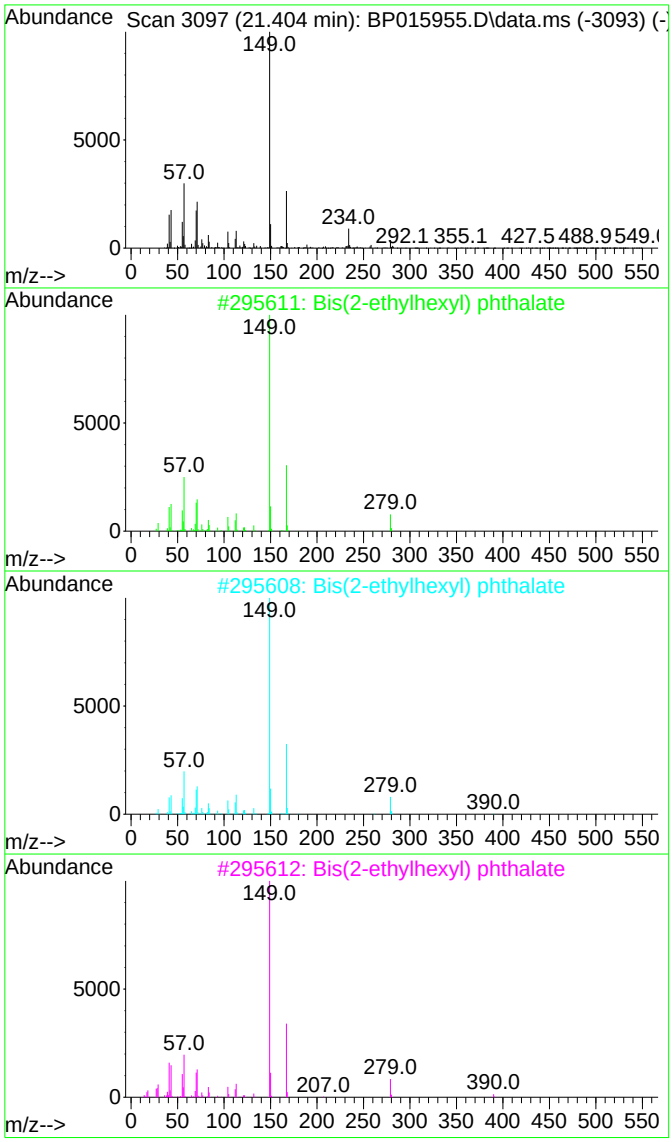
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

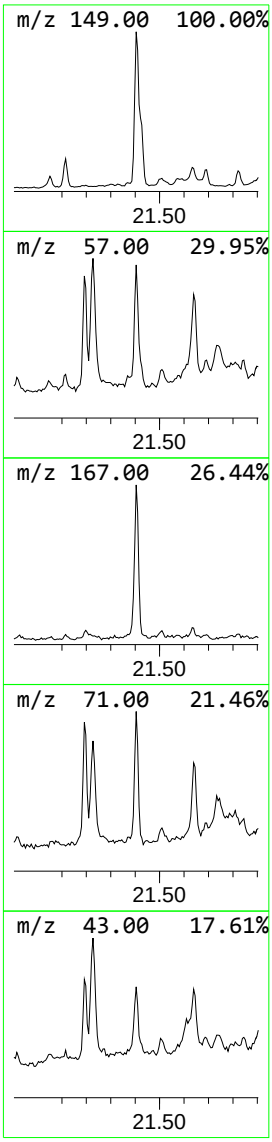
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Bis(2-ethylhexyl) phthalate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.404	2.42 ng/ul	1022680	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	83
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	83
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	72
4	Phthalic acid, cyclohexyl 2-pent...	318	C19H26O4	1000315-55-3	58
5	Dicyclohexyl phthalate	330	C20H26O4	000084-61-7	53





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

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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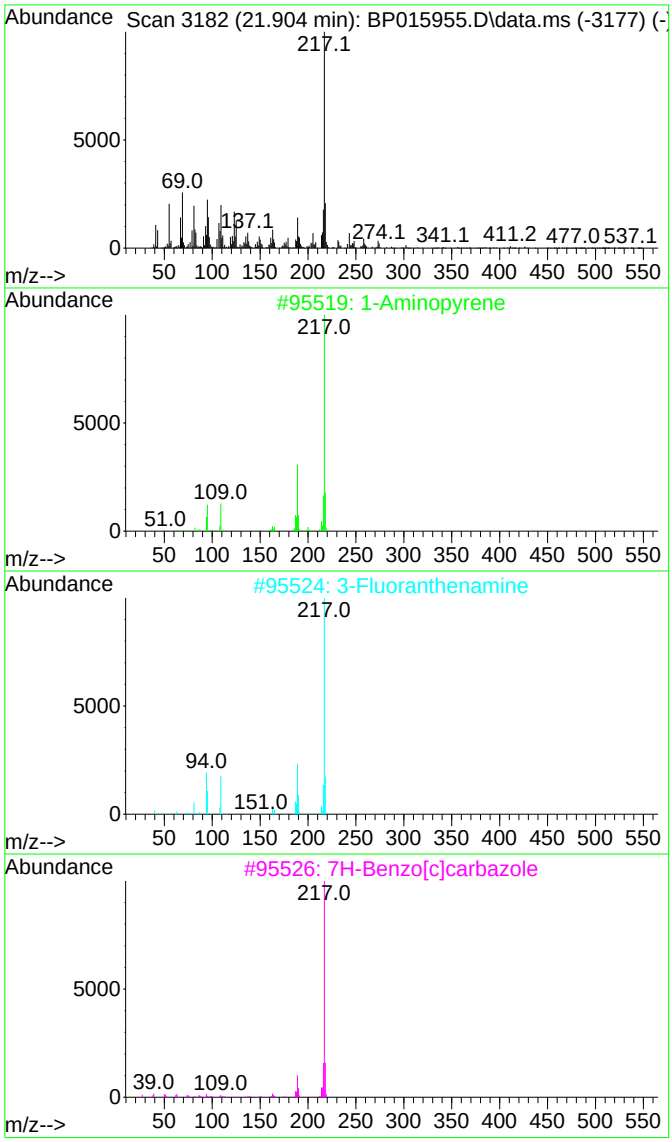
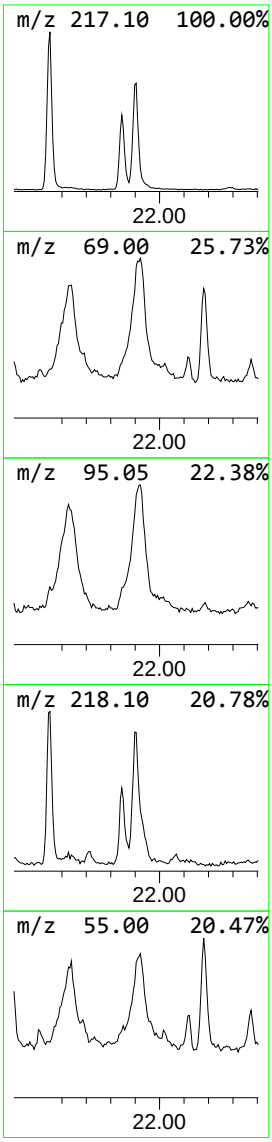
Peak Number 23 1-Aminopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.904	9.07 ng/ul	3834170	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Aminopyrene	217	C16H11N	001606-67-3	87
2	3-Fluoranthenamine	217	C16H11N	002693-46-1	64
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
4	Benzo(b)carbazole	217	C16H11N	000243-28-7	60
5	1-Aminopyrene	217	C16H11N	001606-67-3	59





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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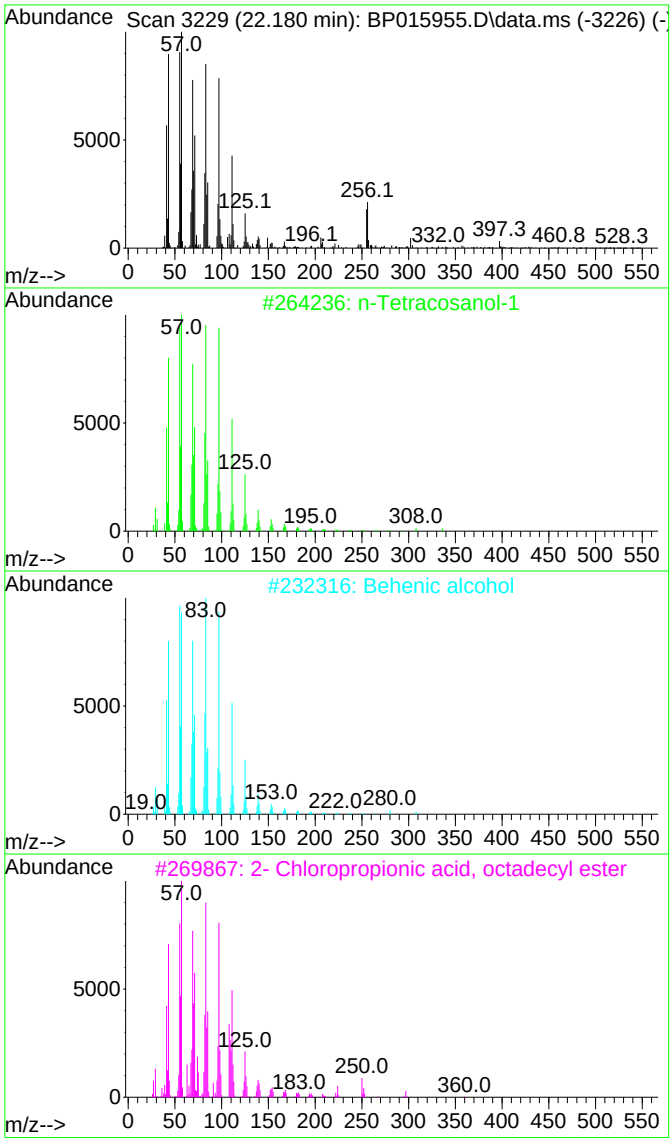
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

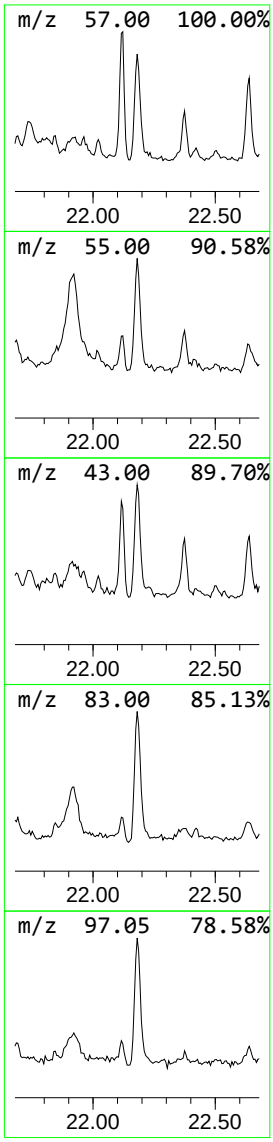
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 n-Tetracosanol-1 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.180	2.25 ng/ul	949655	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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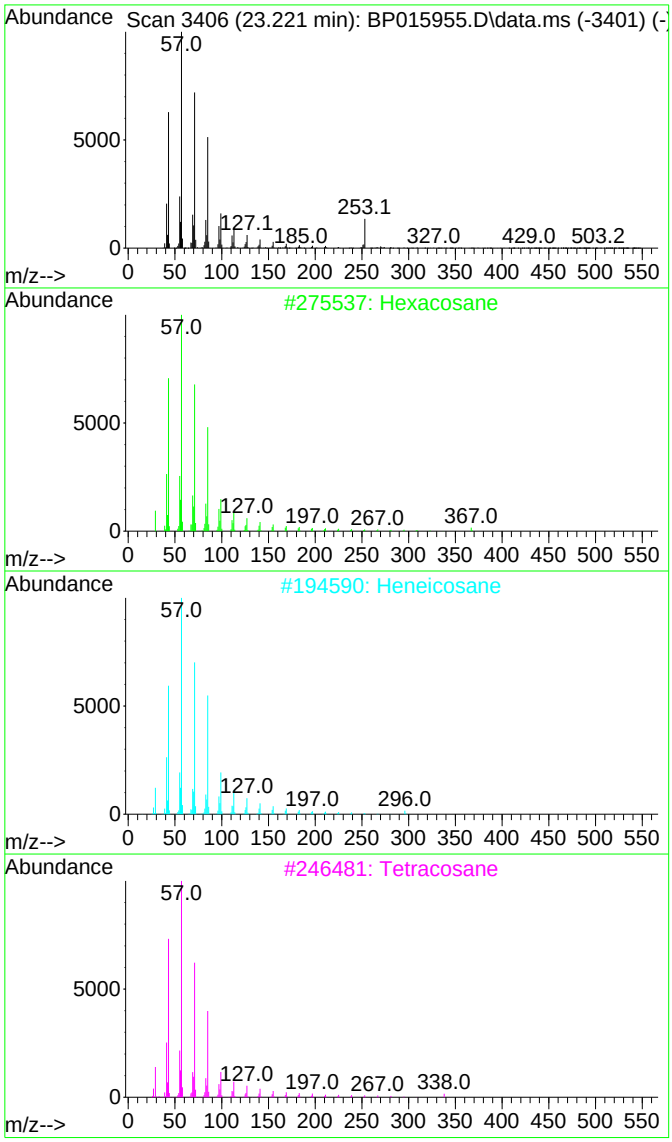
Quant Title : SVOA CALIBRATION

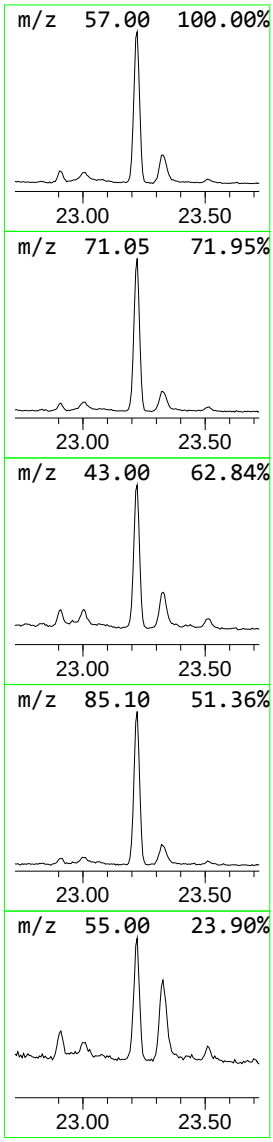
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.221	23.02 ng/ul	2616450	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	87





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Data File : BP015955.D
Acq On : 03 Jul 2023 17:22
Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

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

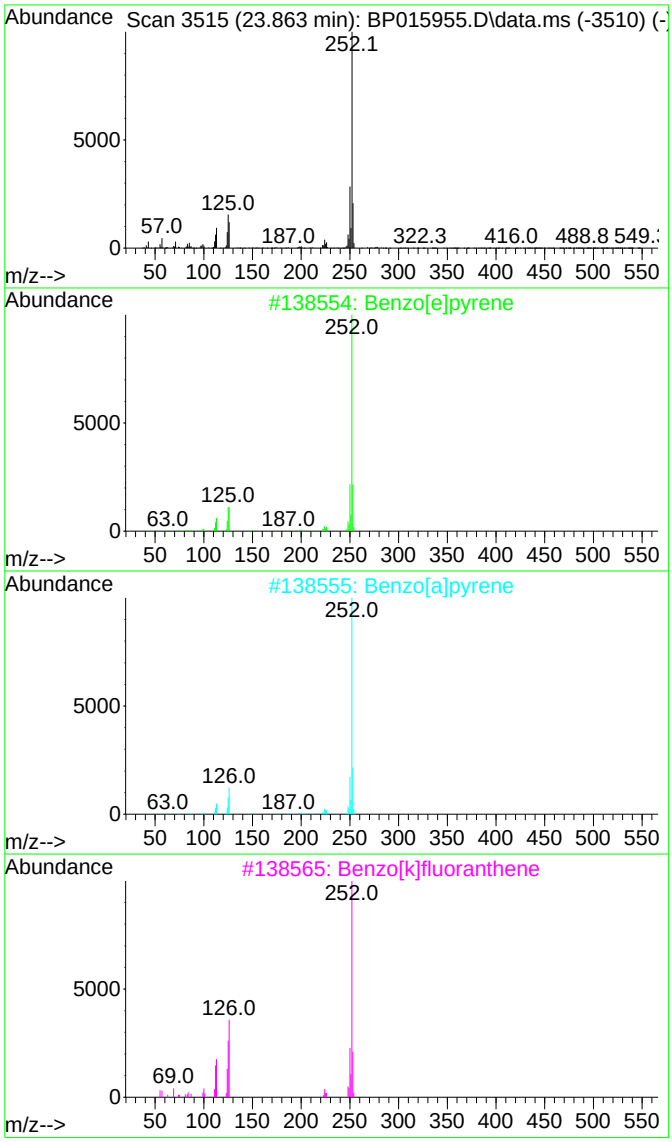
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

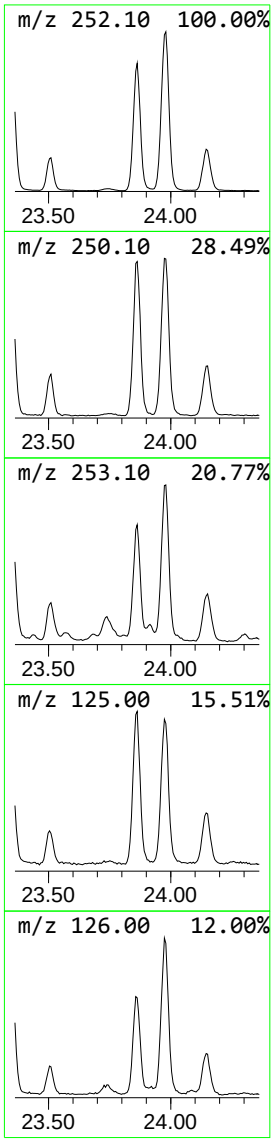
****

Peak Number 26 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.863	24.70 ng/ul	2806680	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015955.D
Acq On : 03 Jul 2023 17:22
Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

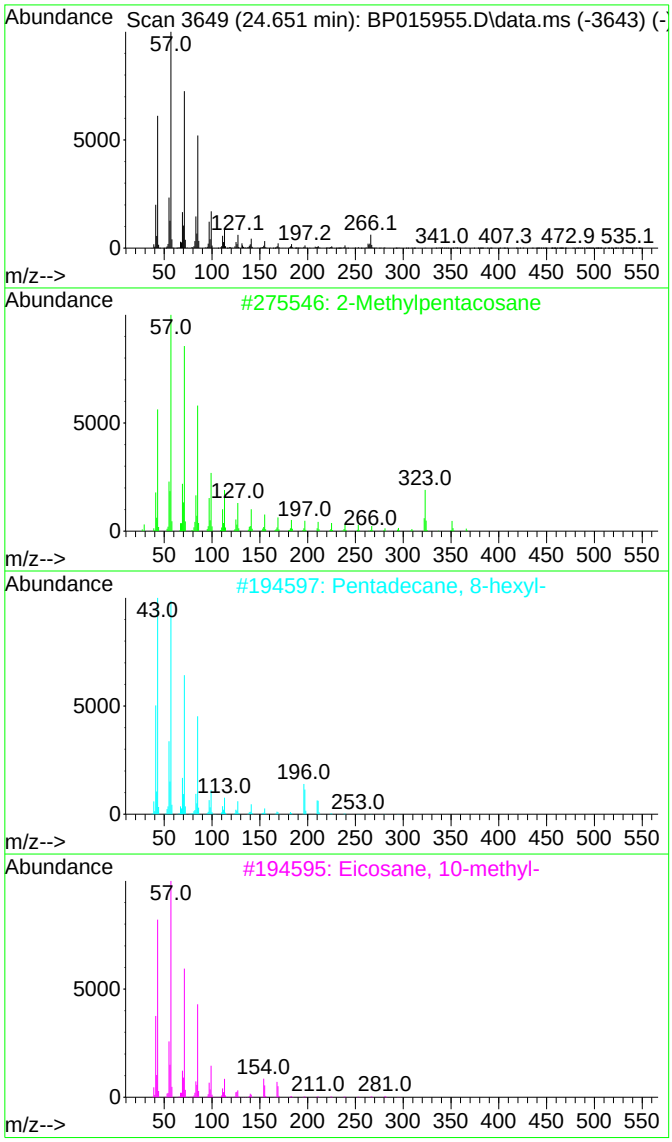
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

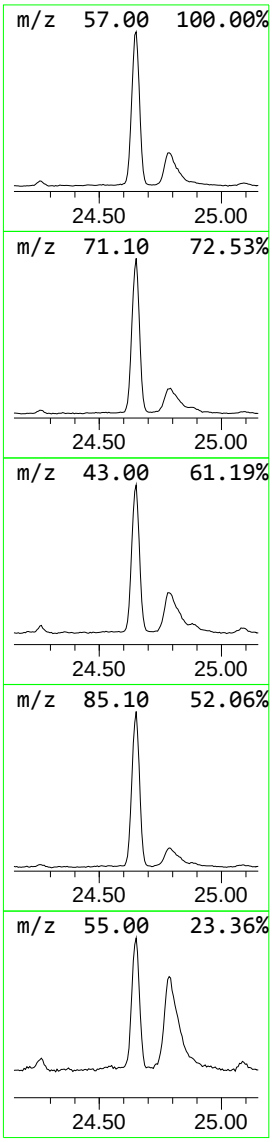
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.651	39.97 ng/ul	4542220	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylpentacosane	366	C26H54	000629-87-8	95
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015955.D
Acq On : 03 Jul 2023 17:22
Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

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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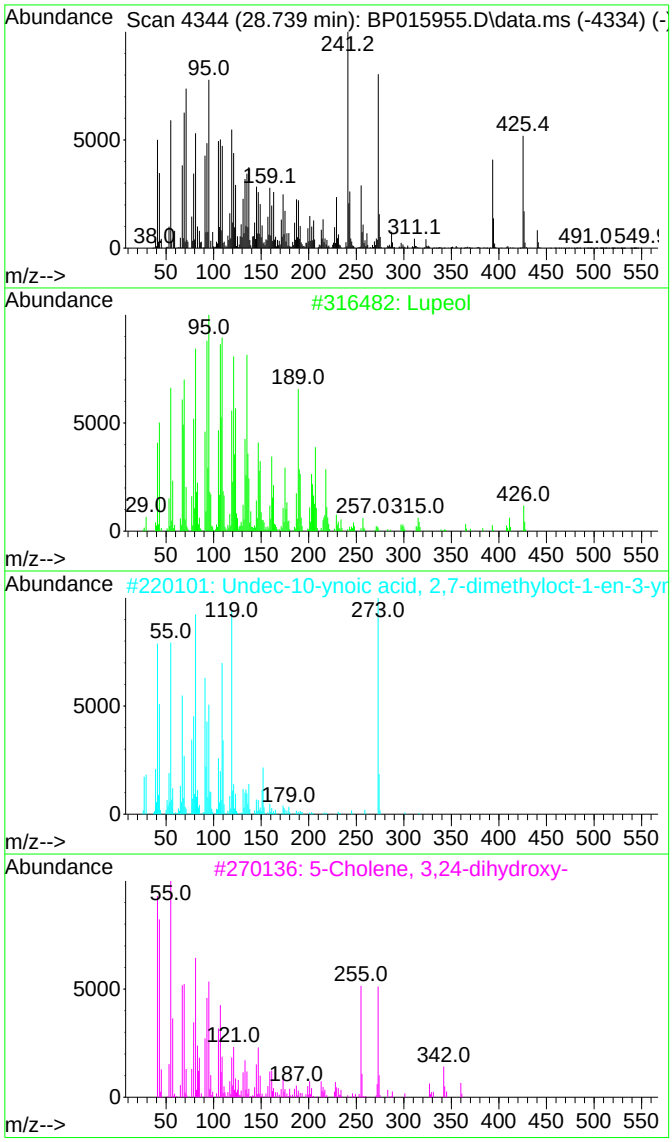
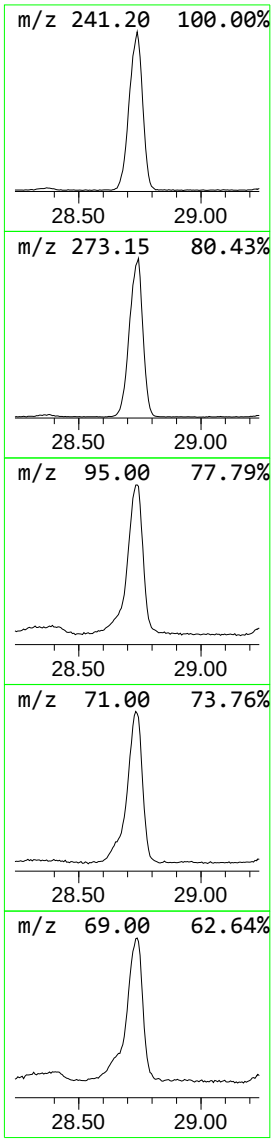
Peak Number 28 Lupeol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.739	136.79 ng/ul	15544800	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lupeol	426	C30H50O	000545-47-1	50
2	Undec-10-ynoic acid, 2,7-dimethy...	316	C21H32O2	1000406-96-7	22
3	5-Cholene, 3,24-dihydroxy-	360	C24H40O2	1000251-69-2	18
4	1,3-Dibromo-5,7-dimethyladamantane	320	C12H18Br2	1000411-41-6	11
5	2-(2-Benzothiazolyl)-5-methylphenol	241	C14H11NOS	056048-54-5	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015955.D
Acq On : 03 Jul 2023 17:22
Operator : MA/JU
Sample : 03245-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGH6

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...	3.917	3.2	ng/ul	262865	1	8.046	1629640	20.0
.alpha.-Pinene	6.681	14.2	ng/ul	1160180	1	8.046	1629640	20.0
trans-.beta.-Oc...	7.452	2.3	ng/ul	183899	1	8.046	1629640	20.0
Aceto phenone	8.904	4.5	ng/ul	371021	1	8.046	1629640	20.0
Dibenzo furan	15.110	2.1	ng/ul	346377	3	14.698	3297720	20.0
1H-Cycloprop[e]...	15.592	2.4	ng/ul	398268	3	14.698	3297720	20.0
Benzophenone	16.063	6.4	ng/ul	1055120	3	14.698	3297720	20.0
Carba zole	17.881	4.1	ng/ul	741031	4	17.457	3626790	20.0
n-Hexadecanoic ...	18.310	17.3	ng/ul	3131670	4	17.457	3626790	20.0
Phenanthrene, 2...	18.375	7.0	ng/ul	1268180	4	17.457	3626790	20.0
4H-Cyclopenta[d...	18.510	4.9	ng/ul	881166	4	17.457	3626790	20.0
6-Phenylbenzocy...	18.798	2.2	ng/ul	392651	4	17.457	3626790	20.0
9,10-Anthracene...	18.863	2.9	ng/ul	532644	4	17.457	3626790	20.0
Phenanthrene, 2...	19.192	3.2	ng/ul	575730	4	17.457	3626790	20.0
Cyclopenta(def)...	19.357	2.1	ng/ul	380950	4	17.457	3626790	20.0
9,12-Octadecadi...	19.398	2.4	ng/ul	428122	4	17.457	3626790	20.0
Octadecanoic acid	19.533	2.3	ng/ul	980976	5	21.545	8457520	20.0
Fluoranthene, 2...	20.127	2.1	ng/ul	893552	5	21.545	8457520	20.0
11H-Benzo[a]flu...	21.033	2.8	ng/ul	1198160	5	21.545	8457520	20.0
Benzo[b]naphtho...	21.192	3.5	ng/ul	1474340	5	21.545	8457520	20.0
unknown-01	21.221	3.4	ng/ul	1434460	5	21.545	8457520	20.0
Bis(2-ethylhexy...	21.404	2.4	ng/ul	1022680	5	21.545	8457520	20.0
1-Aminopyrene	21.904	9.1	ng/ul	3834170	5	21.545	8457520	20.0
n-Tetracosanol-1	22.180	2.3	ng/ul	949655	5	21.545	8457520	20.0
(DEL) Alkane: S...	23.221	23.0	ng/ul	2616450	6	24.086	2272810	20.0
Benzo[e]pyrene	23.863	24.7	ng/ul	2806680	6	24.086	2272810	20.0
(DEL) Alkane: S...	24.651	40.0	ng/ul	4542220	6	24.086	2272810	20.0
Lupeol	28.739	136.8	ng/ul	15544800	6	24.086	2272810	20.0