LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

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: BP015741.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	31	34	41	rVB	16001	24993	0.41%	0.042%
2	3.846	109	112	123	rVV	74935	121126	1.99%	0.201%
3	3.934	123	127	135	rVB	46968	69532	1.14%	0.115%
4	7.240	682	689	709	rBV	116078	329294	5.40%	0.547%
5	7.393	709	715	731	rVV	132956	259058	4.25%	0.430%
6	7.593	742	749	767	rBV	181531	373876	6.13%	0.621%
7	8.063	821	829	847	rBV	577332	1072749	17.59%	1.781%
8	8.805	947	955	976	rBV	128632	365684	6.00%	0.607%
9	9.258	1025	1032	1045	rBV	140316	319299	5.24%	0.530%
10	9.981	1148	1155	1180	rBV	101746	296626	4.86%	0.493%
11	10.563	1246	1254	1281	rBV2	98648	368878	6.05%	0.613%
12	10.893	1301	1310	1331	rBV	693259	1497255	24.56%	2.486%
13	11.093	1337	1344	1353	rBV2	31307	90928	1.49%	0.151%
14	12.575	1588	1596	1605	rBV3	19615	48198	0.79%	0.080%
15	12.781	1625	1631	1643	rBV	22873	50145	0.82%	0.083%
16	13.898	1814	1821	1830	rBV6	11921	37989	0.62%	0.063%
17	14.034	1836	1844	1850	rBV5	26795	56604	0.93%	0.094%
18	14.122	1850	1859	1874	rVV	314168	558730	9.16%	0.928%
19	14.410	1901	1908	1925	rBV	400835	690904	11.33%	1.147%
20	14.710	1952	1959	1966	rBV	927510	1490814	24.45%	2.476%
21	14.775	1966	1970	1982	rVB	197799	329064	5.40%	0.546%
22	15.022	2004	2012	2018	rBV6	27634	83203	1.36%	0.138%
23	15.122	2023	2029	2037	rVV	73871	159419	2.61%	0.265%
24	15.193	2037	2041	2057	rVB5	21823	55211	0.91%	0.092%
25	15.334	2059	2065	2071	rVV7	10957	22973	0.38%	0.038%
26	15.498	2087	2093	2097	rBV9	9568	22497	0.37%	0.037%
27	15.710	2120	2129	2135	rBV	439038	724832	11.89%	1.204%
28	15.769	2135	2139	2149	rVB	140211	237901	3.90%	0.395%
29	15.887	2151	2159	2163	rBV5	62027	146583	2.40%	0.243%
30	15.928	2163	2166	2171	rVB	26675	42036	0.69%	0.070%
31	16.075	2185	2191	2204	rVB2	155342	284717	4.67%	0.473%
32	16.210	2209	2214	2226	rVV2	39000	88862	1.46%	0.148%
33	16.304	2226	2230	2236	rVB2	13586	22074	0.36%	0.037%
34	16.404	2242	2247	2253	rBV8	16184	39196	0.64%	0.065%
35	16.457	2253	2256	2263	rVB5	15546	29853	0.49%	0.050%
36	16.634	2282	2286	2293	rBV2	26113	41217	0.68%	0.068%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

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	16.751	2299	2306	2307	rBV5	20198	37018	0.61%	0.061%
38	16.775	2307	2310	2314	rVV3	35496	52761	0.87%	0.088%
39	16.822	2314	2318	2322	rVB4	15043	22019	0.36%	0.037%
40	16.998	2340	2348	2351	rBV3	27879	55614	0.91%	0.092%
41	17.039	2351	2355	2358	rBV3	20612	25744	0.42%	0.043%
42	17.139	2366	2372	2377	rBV	104593	170055	2.79%	0.282%
43	17.192	2377	2381	2384	rBV3	28642	46560	0.76%	0.077%
44	17.292	2393	2398	2404	rVB	98831	143202	2.35%	0.238%
45	17.469	2422	2428	2432	rBV	965565	1464177	24.01%	2.432%
46	17.516	2432	2436	2442	rVV	1974082	2890009	47.40%	4.799%
47	17.575	2442	2446	2449	rVV	444547	679542	11.14%	1.129%
48	17.610	2449	2452	2461	rVV	385699	622028	10.20%	1.033%
49	17.681	2461	2464	2472	rVB	37106	68030	1.12%	0.113%
50	17.886	2492	2499	2512	rBV	295175	583824	9.58%	0.970%
51	17.981	2512	2515	2518	rBV2	24539	33755	0.55%	0.056%
52	18.063	2524	2529	2535	rBV4	26091	57543	0.94%	0.096%
53	18.269	2560	2564	2569	rBV4	38819	61226	1.00%	0.102%
54	18.328	2569	2574	2579	rVV2	396174	603559	9.90%	1.002%
55	18.381	2579	2583	2592	rVV	284930	448282	7.35%	0.744%
56	18.463	2593	2597	2601	rVV	90995	122272	2.01%	0.203%
57	18.522	2602	2607	2611	rVV2	305659	515751	8.46%	0.857%
58	18.557	2611	2613	2618	rVB2	121036	143579	2.35%	0.238%
59	18.628	2622	2625	2629	rVB2	32745	40468	0.66%	0.067%
60	18.675	2629	2633	2637	rBV2	36830	48707	0.80%	0.081%
61	18.810	2652	2656	2662	rBV	140926	209868	3.44%	0.349%
62	18.869	2662	2666	2672	rVB	144626	207201	3.40%	0.344%
63	19.051	2693	2697	2701	rBV4	38811	53029	0.87%	0.088%
64	19.098	2701	2705	2708	rVB2	45602	54827	0.90%	0.091%
65	19.133	2708	2711	2715	rBV	48999	64035	1.05%	0.106%
66	19.210	2720	2724	2728	rBV	122002	172771	2.83%	0.287%
67	19.369	2747	2751	2756	rVB	153281	219953	3.61%	0.365%
68	19.416	2756	2759	2762	rBV4	41759	53261	0.87%	0.088%
69	19.475	2763	2769	2775	rVV	3661841	4894425	80.27%	8.128%
70	19.557	2780	2783	2791	rVB3	97583	217373	3.57%	0.361%
71	19.710	2806	2809	2816	rVB2	102018	154000	2.53%	0.256%
72	19.798	2819	2824	2826	rVV3	1113488	1614782	26.48%	2.682%
73	19.828	2826	2829	2836	rVV	2787602	3647822	59.83%	6.058%
74	19.892	2837	2840	2847	rVB	142759	197916	3.25%	0.329%
75	19.998	2855	2858	2864	rVB	144281	186788	3.06%	0.310%
76	20.075	2867	2871	2876	rVV	165275	243868	4.00%	0.405%

LSC Area Percent Report

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Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFL0DL

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	20.139	2877	2882	2889	rVB3	184958	424117	6.96%	0.704%
78	20.204	2889	2893	2899	rBV	114334	194652	3.19%	0.323%
79	20.280	2901	2906	2908	rVV4	189355	357086	5.86%	0.593%
80	20.304	2908	2910	2916	rVB	308060	399675	6.55%	0.664%
81	20.404	2924	2927	2930	rBV	156768	179860	2.95%	0.299%
82	20.463	2931	2937	2940	rVV2	243708	433849	7.12%	0.720%
83	20.492	2940	2942	2946	rVB	125417	145993	2.39%	0.242%
84	20.598	2957	2960	2964	rBV	157646	212000	3.48%	0.352%
85	20.645	2965	2968	2975	rVB3	139310	210256	3.45%	0.349%
86	21.045	3032	3036	3043	rBV	516924	679540	11.14%	1.129%
87	21.198	3058	3062	3066	rBV2	531636	855196	14.03%	1.420%
88	21.233	3066	3068	3073	rVV	420047	559086	9.17%	0.928%
89	21.286	3073	3077	3082	rVV2	345854	666717	10.93%	1.107%
90	21.339	3083	3086	3094	rVB	502313	683390	11.21%	1.135%
91	21.545	3113	3121	3127	rBV3	2451474	5693674	93.38%	9.455%
92	21.598	3127	3130	3140	rVB	1803577	2448994	40.16%	4.067%
93	21.727	3148	3152	3156	rBV	270891	364127	5.97%	0.605%
94	21.910	3179	3183	3188	rVB2	372609	560160	9.19%	0.930%
95	23.327	3417	3424	3438	rBV	1873640	6097343	100.00%	10.126%
96	23.521	3454	3457	3462	rVB	264543	422482	6.93%	0.702%
97	23.880	3513	3518	3523	rBV	891711	1734286	28.44%	2.880%
98	23.998	3532	3538	3548	rVB	1313310	2737127	44.89%	4.546%
99	24.110	3551	3557	3562	rBV	824151	1692398	27.76%	2.811%
100	24.698	3653	3657	3664	rVB	470506	884089	14.50%	1.468%

Sum of corrected areas: 60216061

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
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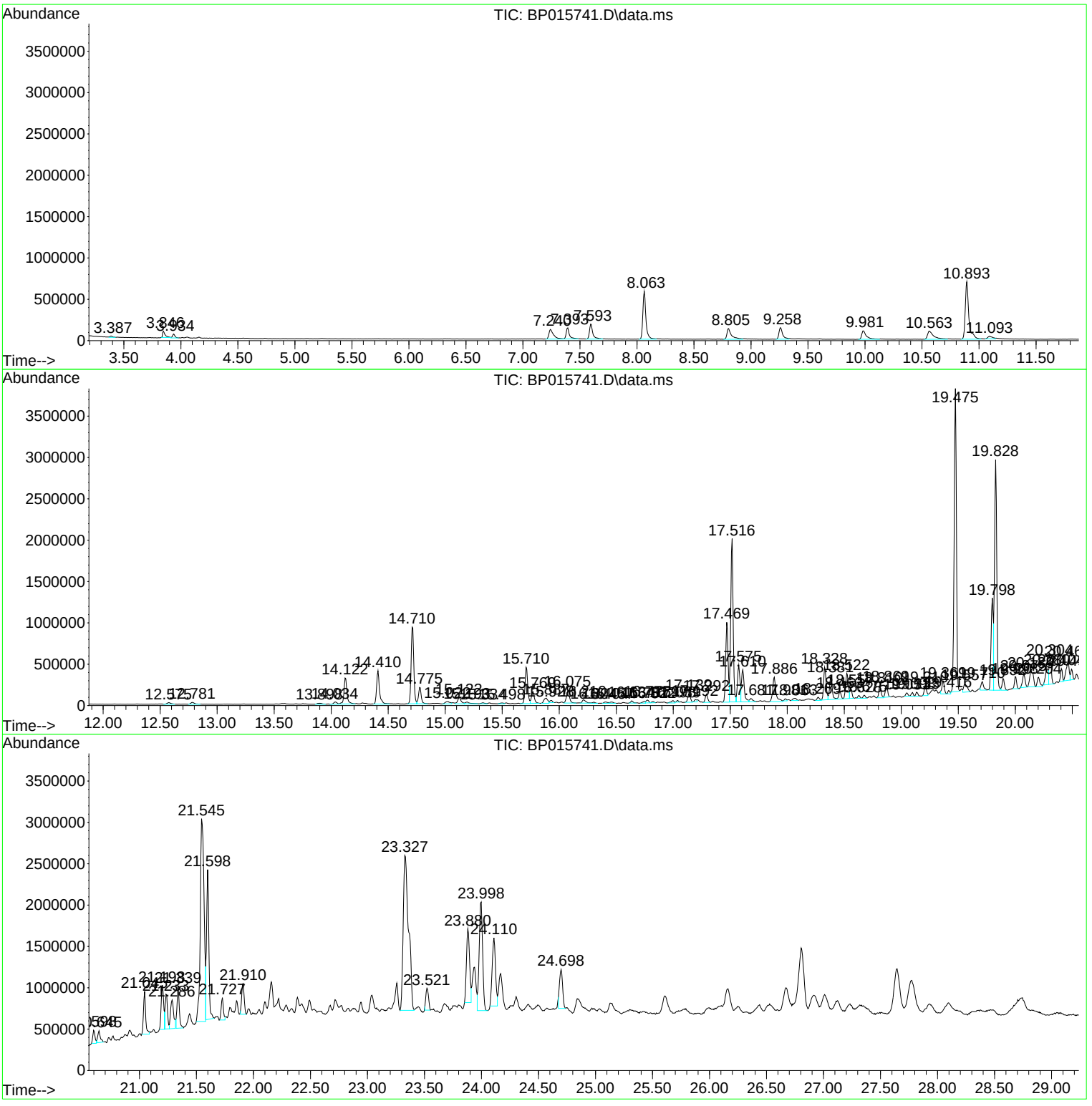
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

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\BP062723\
Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

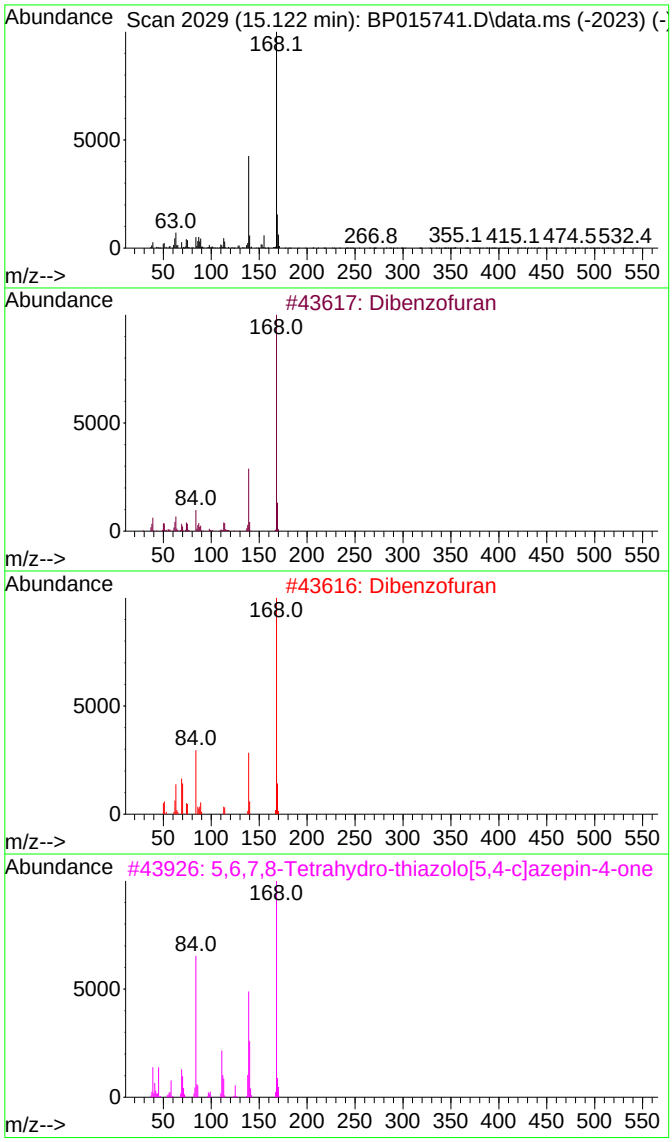
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

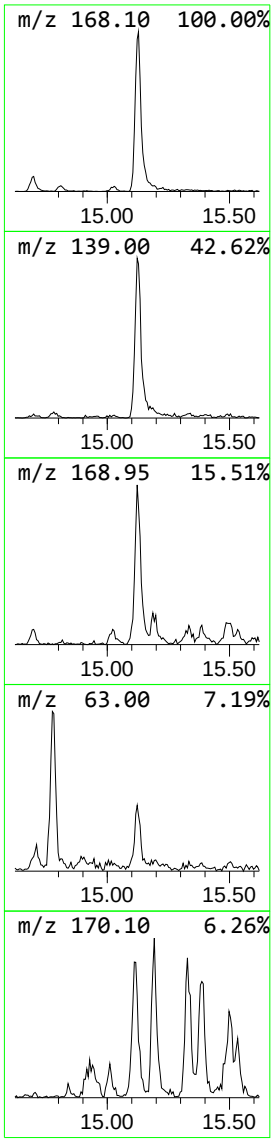
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dibenzo furan Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.122	2.14 ng/ul	159419	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	81
2	Dibenzofuran	168	C12H8O	000132-64-9	72
3	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	56
4	2-Amino-6-fluorobenzothiazole	168	C7H5FN2S	000348-40-3	50
5	4-Fluoro-1,3-benzothiazol-2-ylamine	168	C7H5FN2S	020358-06-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

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

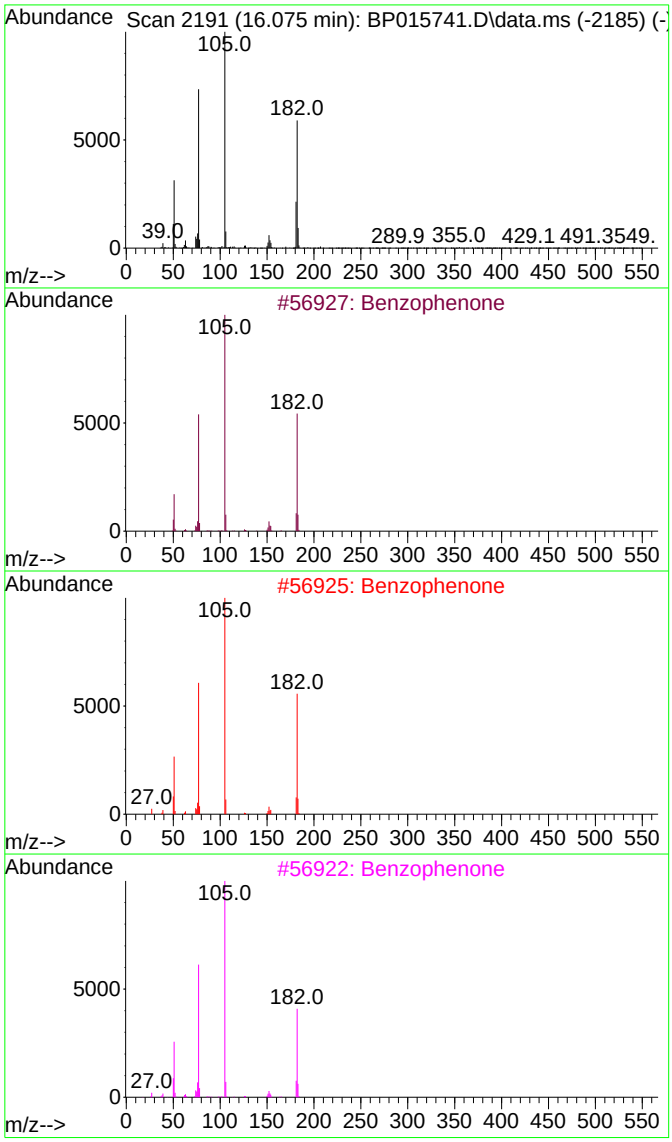
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

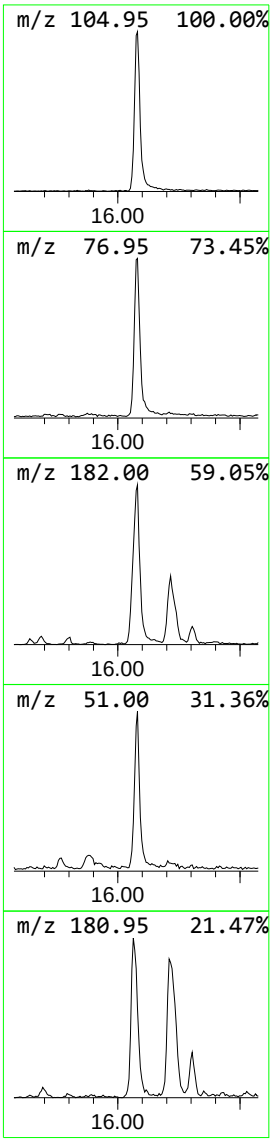
****

Peak Number 2 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.075	3.82 ng/ul	284717	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

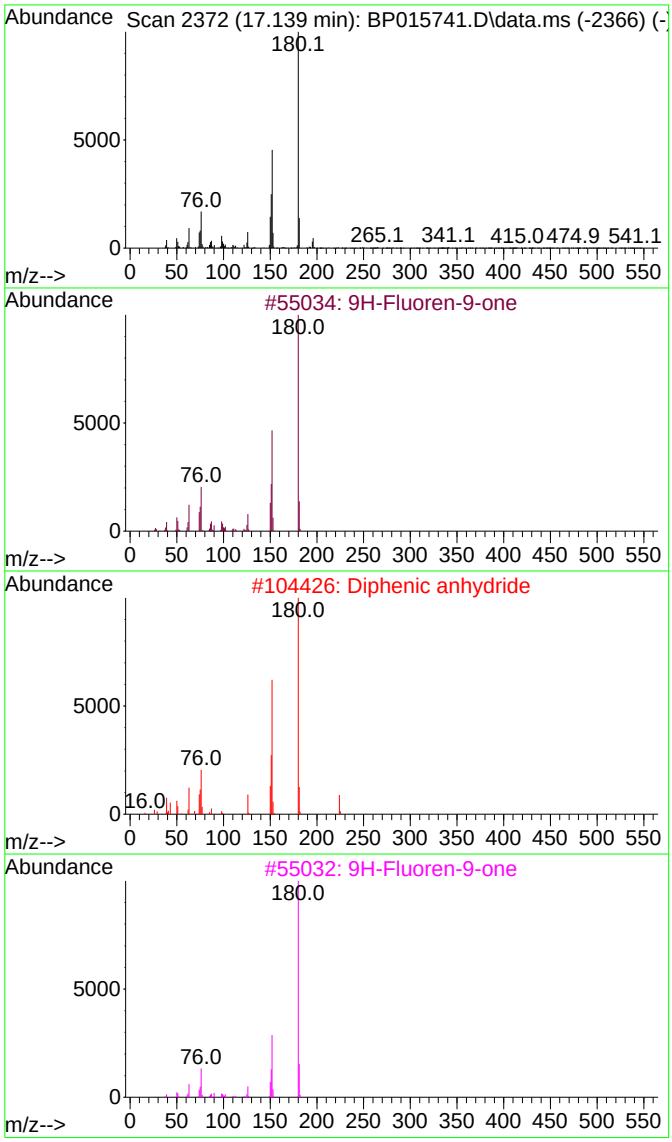
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

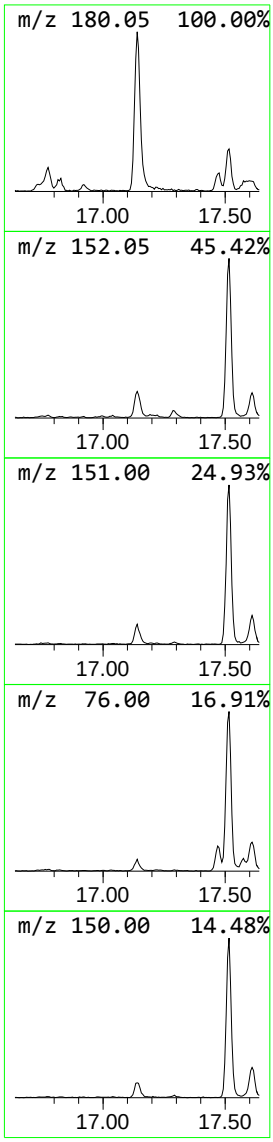
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.140	2.32 ng/ul	170055	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Diphenic anhydride	224	C14H8O3	006050-13-1	91
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

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

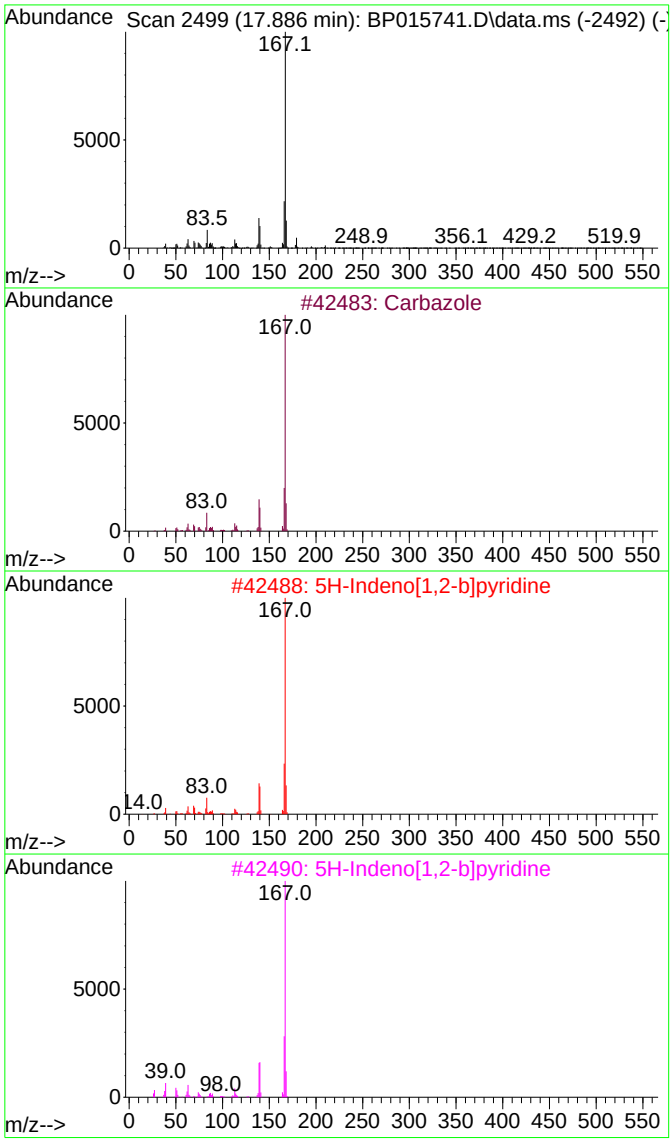
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

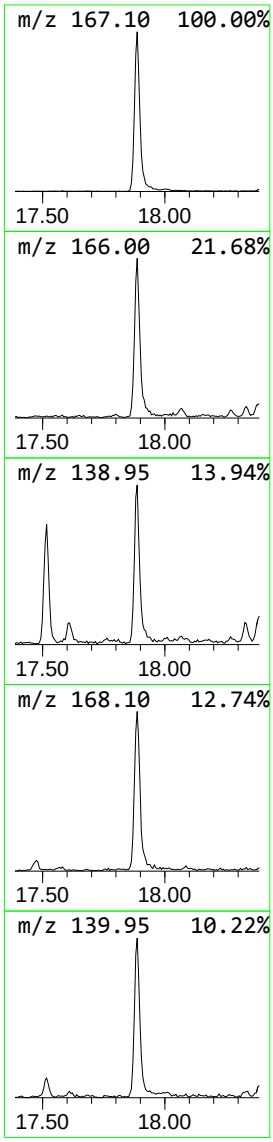
****

Peak Number 4 Carba zole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.887	7.97 ng/ul	583824	Phenanthrene-d10	17.469

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	93
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
5	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

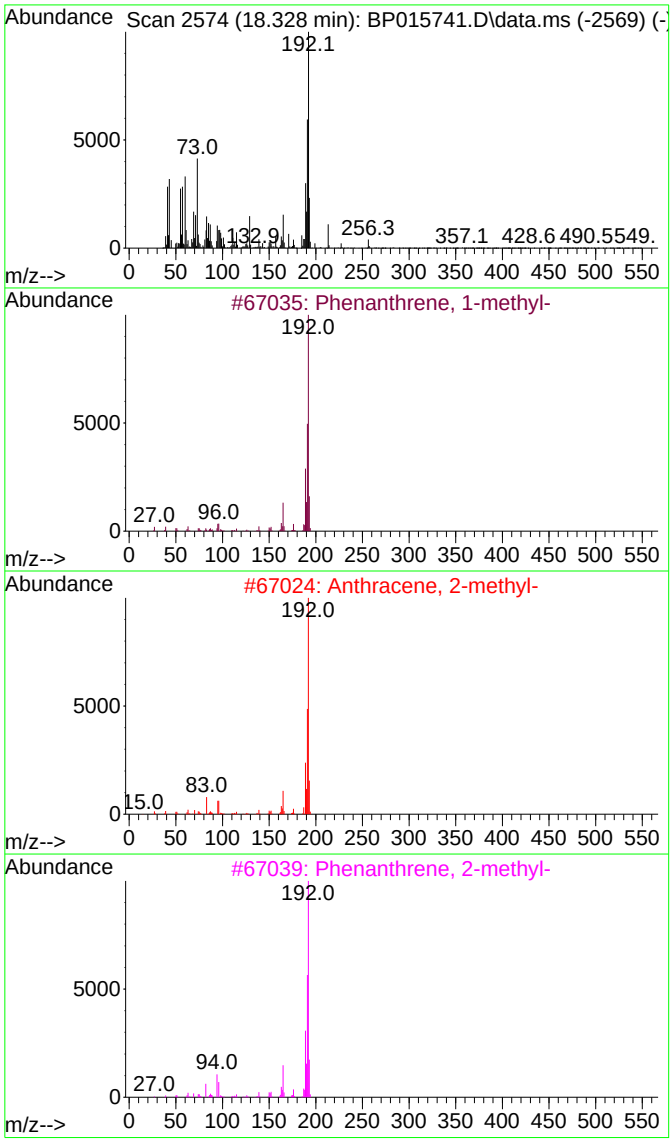
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

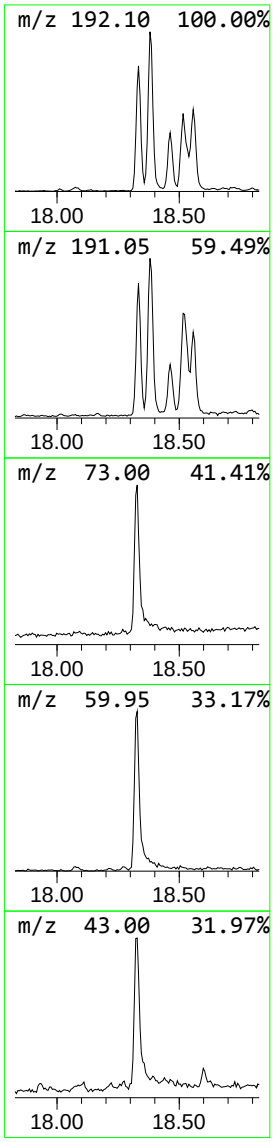
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	8.24 ng/ul	603559	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





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Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

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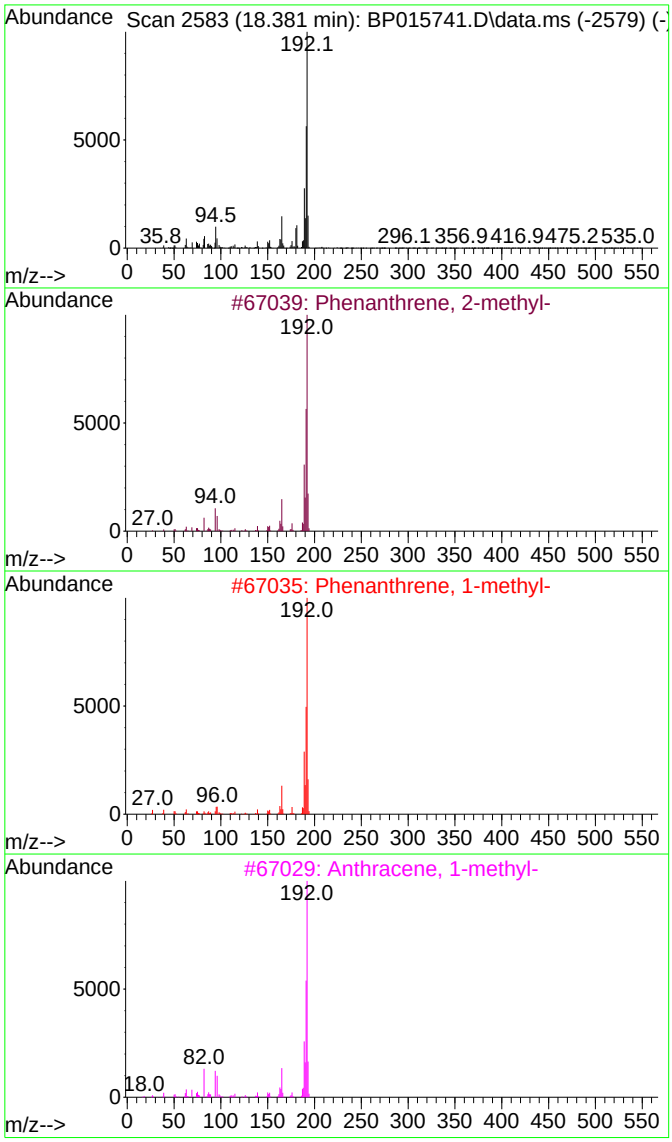
Quant Title : SVOA CALIBRATION

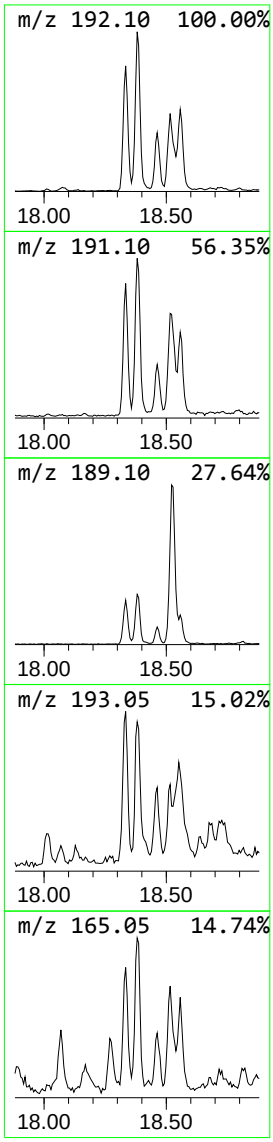
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	6.12 ng/ul	448282	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





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Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

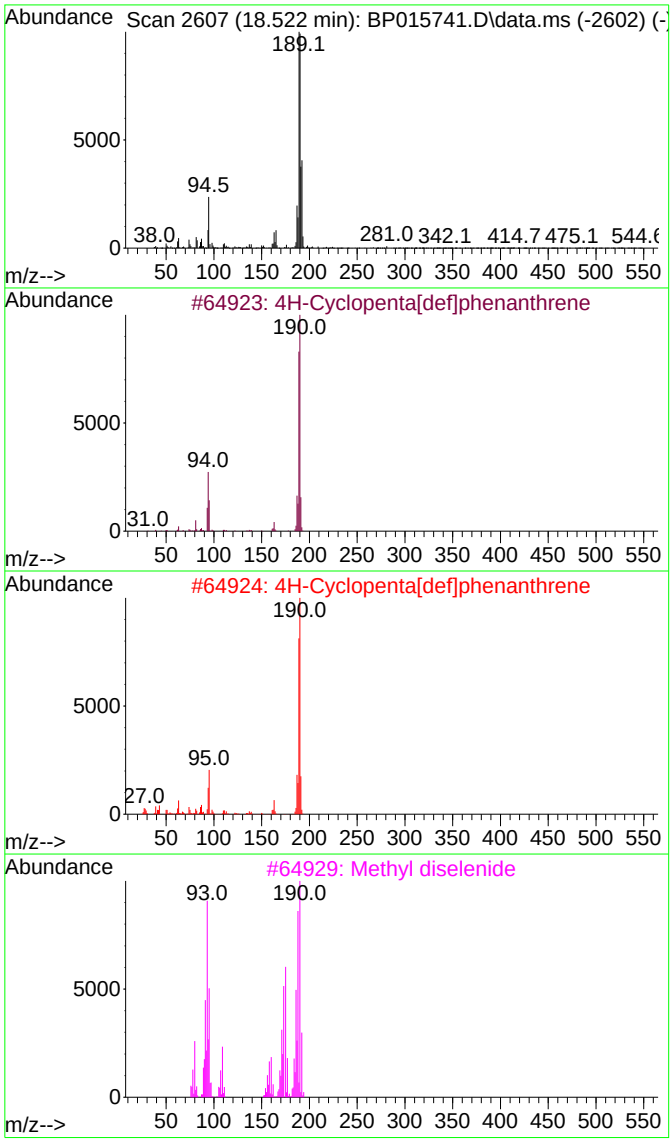
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

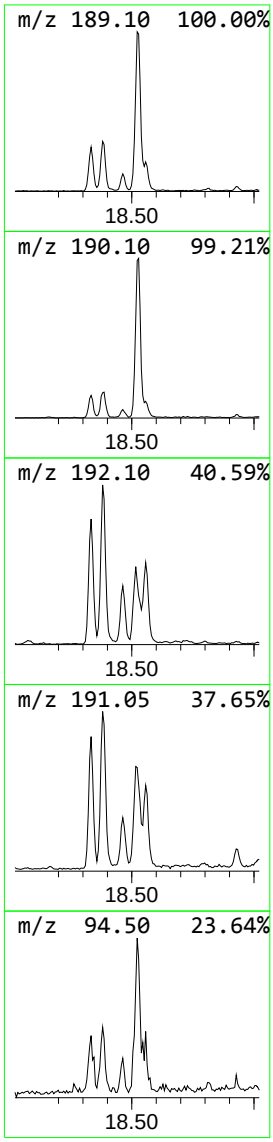
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	7.04 ng/ul	515751	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
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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Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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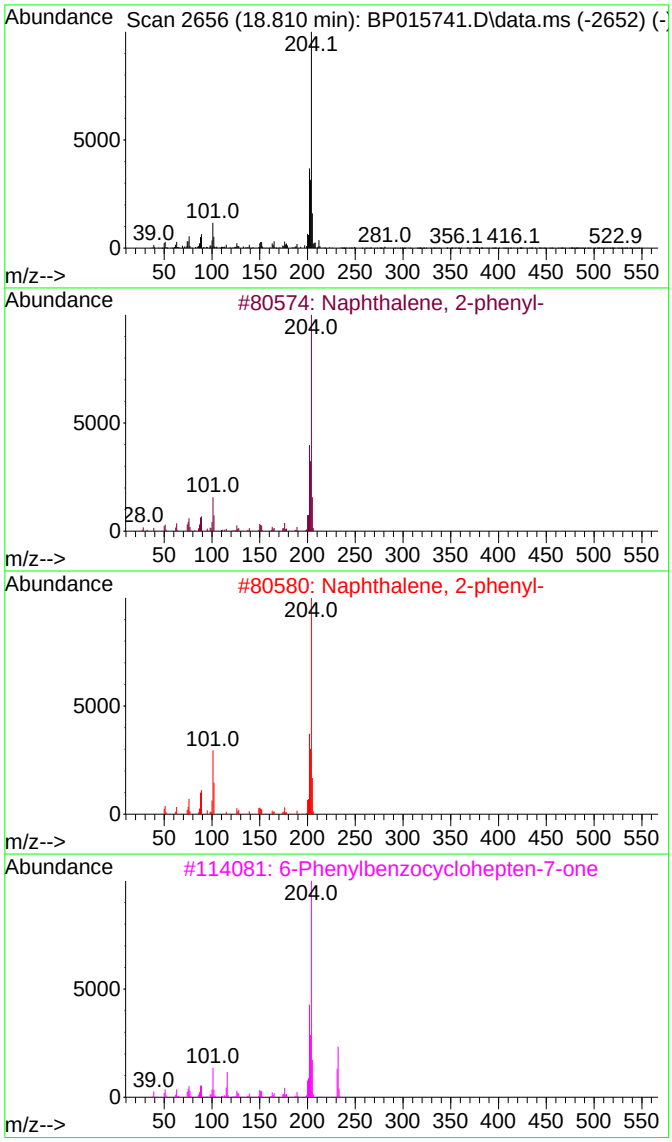
Quant Title : SVOA CALIBRATION

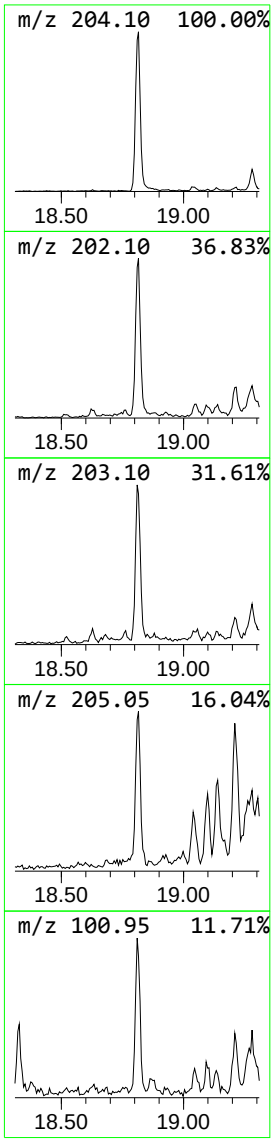
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	2.87 ng/ul	209868	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83





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Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

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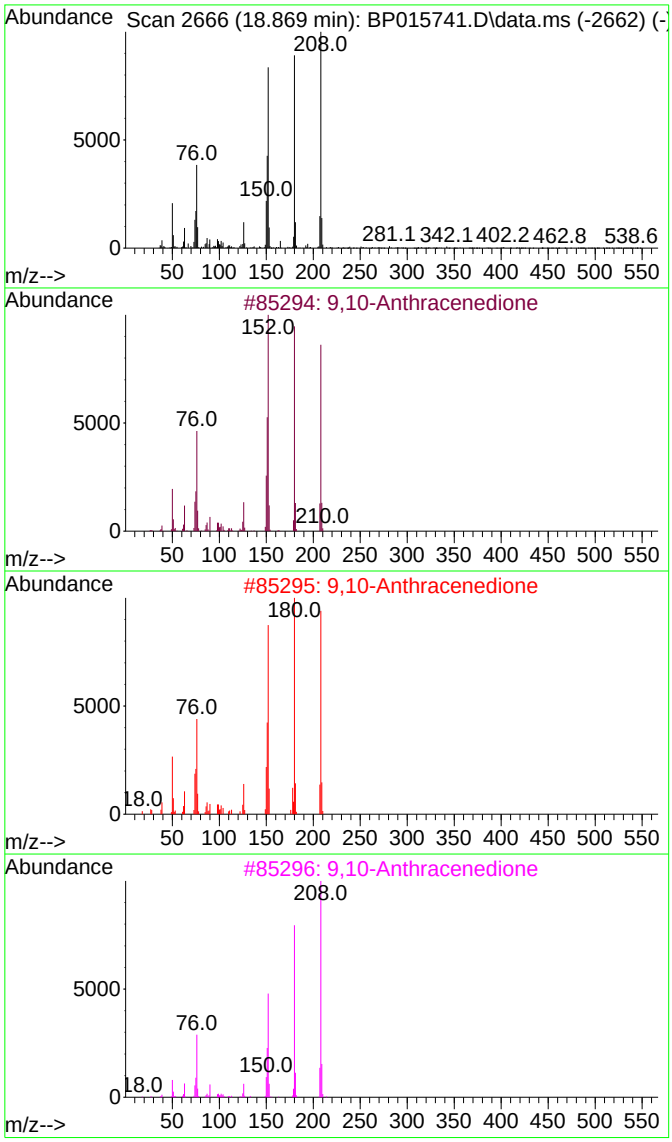
Quant Title : SVOA CALIBRATION

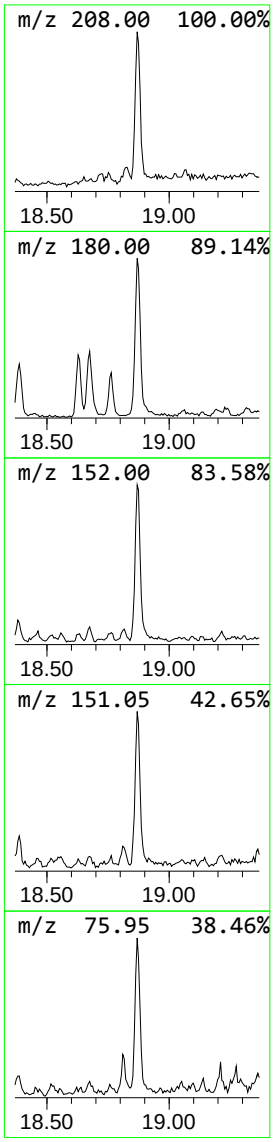
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	2.83 ng/ul	207201	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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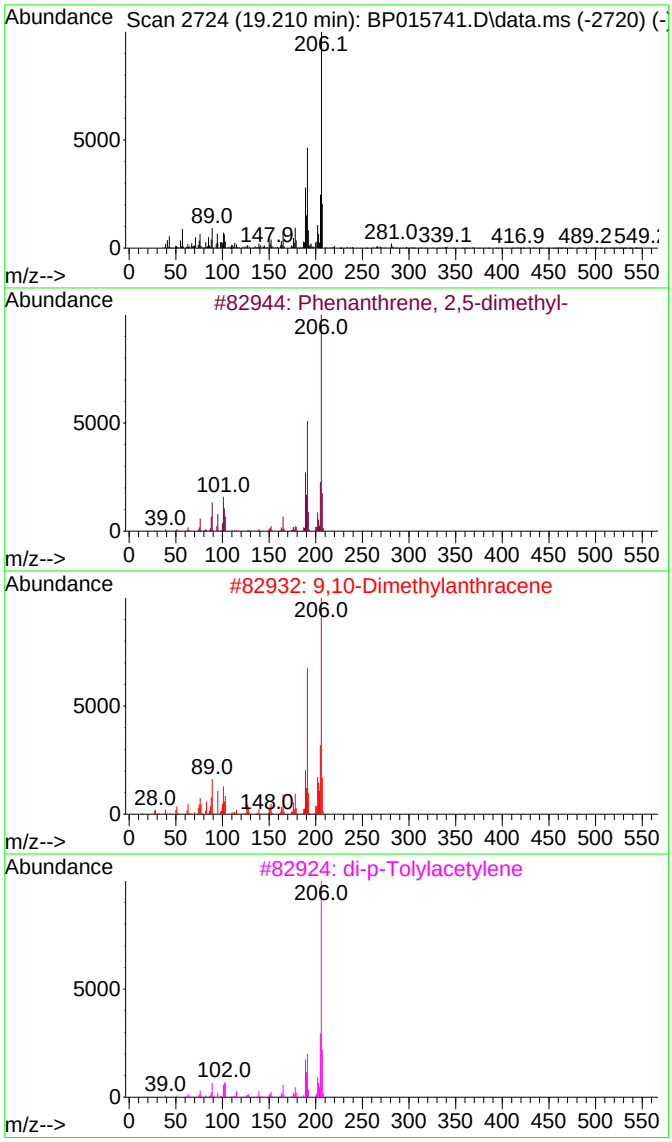
Quant Title : SVOA CALIBRATION

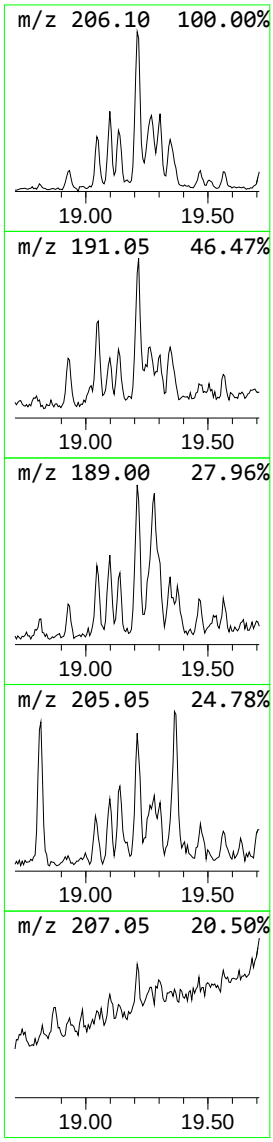
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.210	2.36 ng/ul	172771	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89





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Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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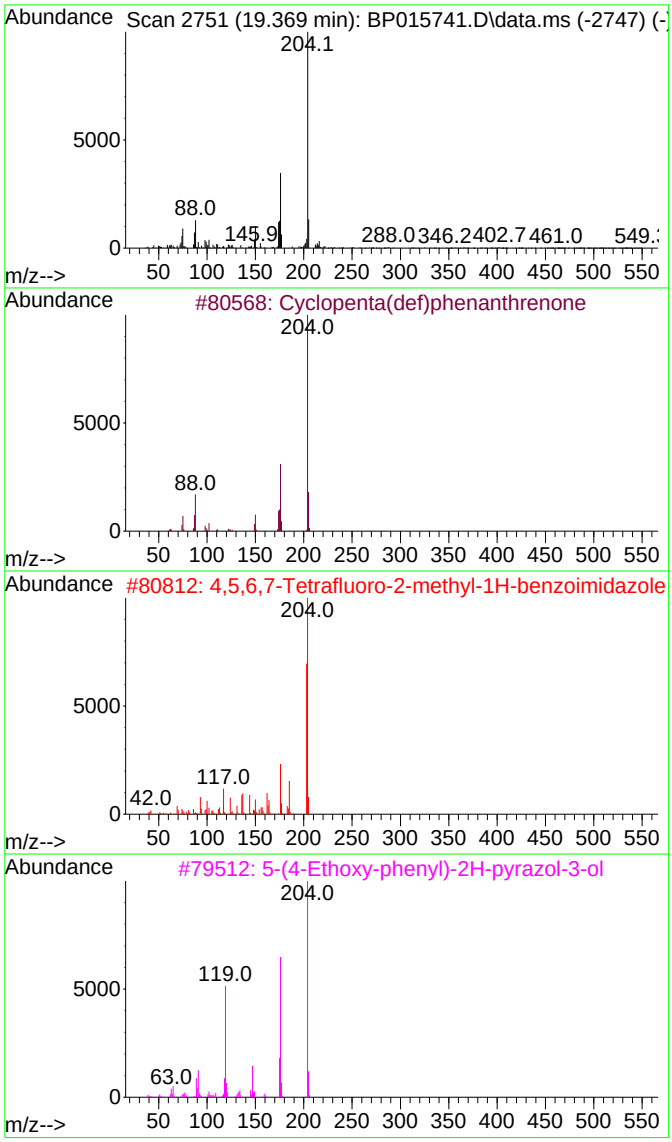
Quant Title : SVOA CALIBRATION

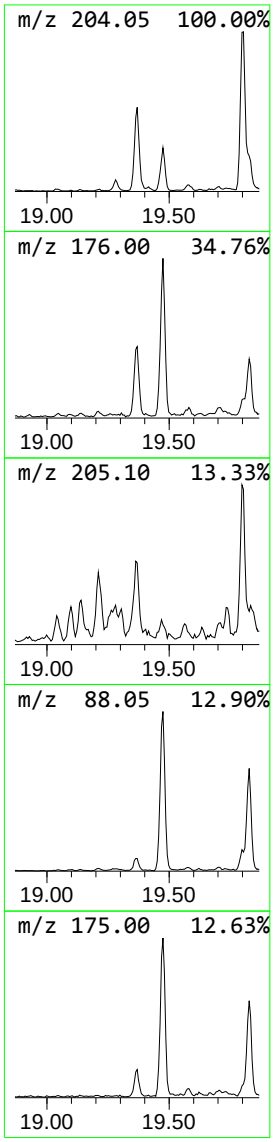
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.369	3.00 ng/ul	219953	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	59
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
4	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	53
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50





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Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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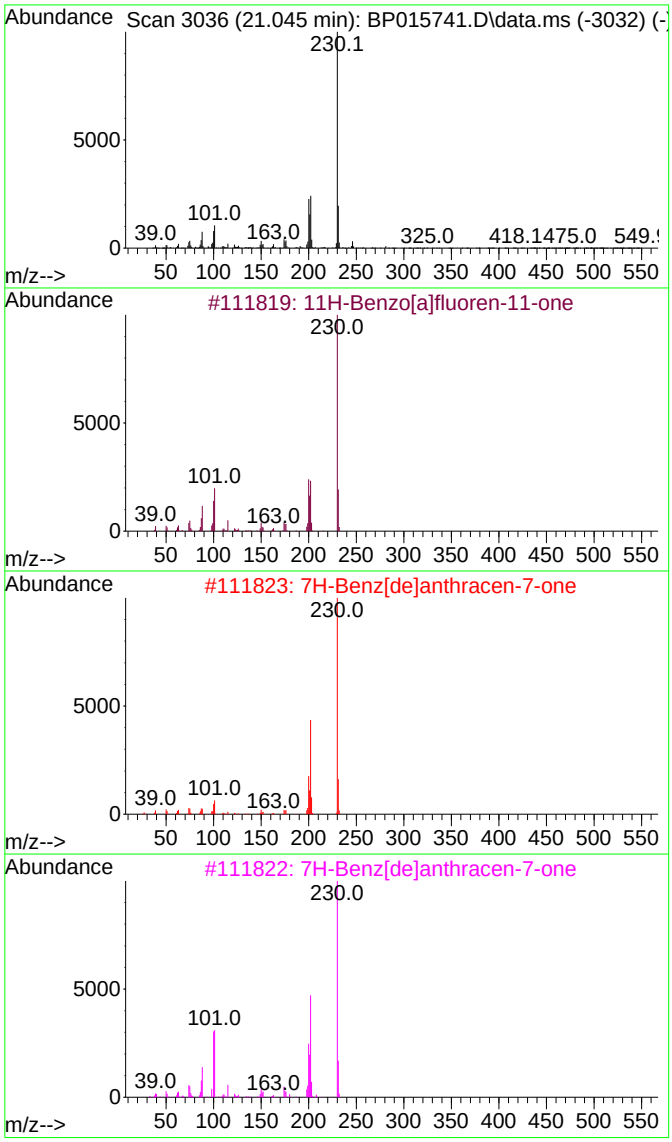
Quant Title : SVOA CALIBRATION

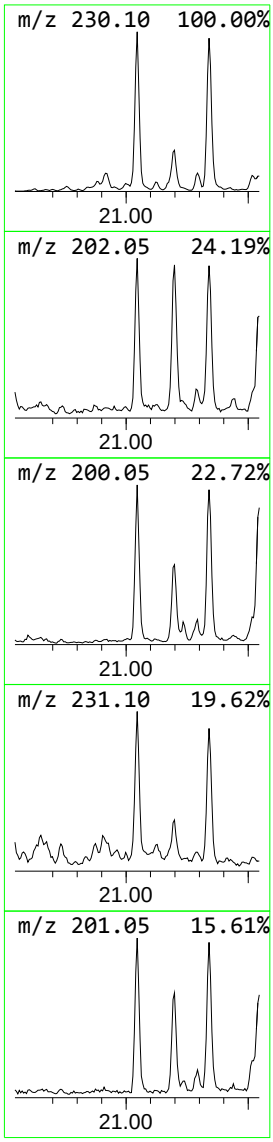
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.39 ng/ul	679540	Chrysene-d12	21.563

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	91
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 : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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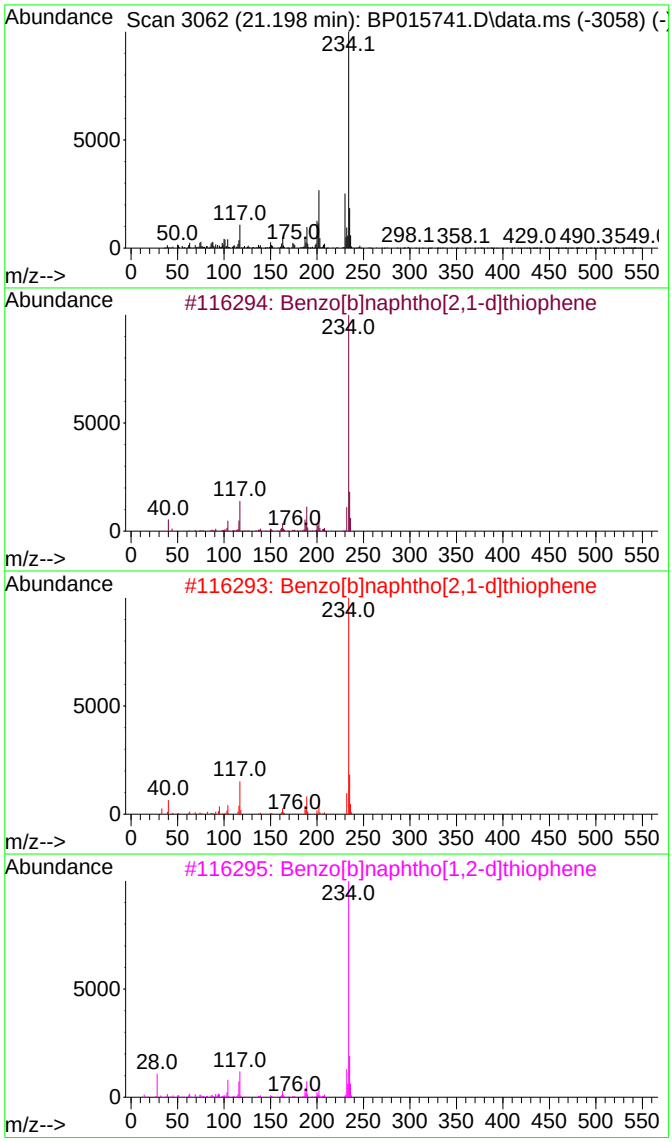
Quant Title : SVOA CALIBRATION

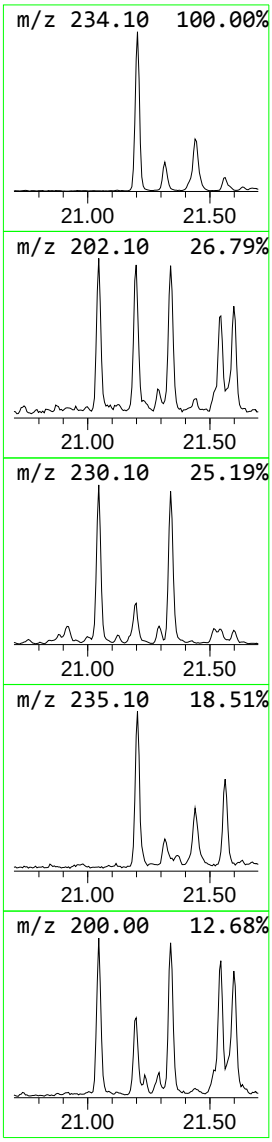
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	3.00 ng/ul	855196	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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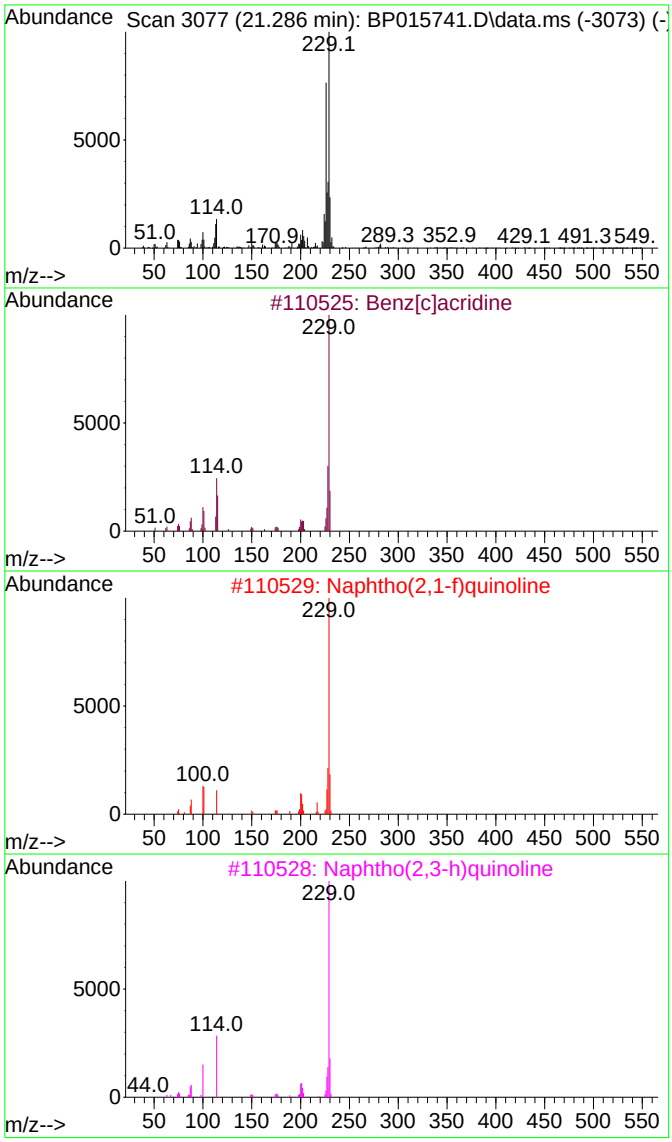
Quant Title : SVOA CALIBRATION

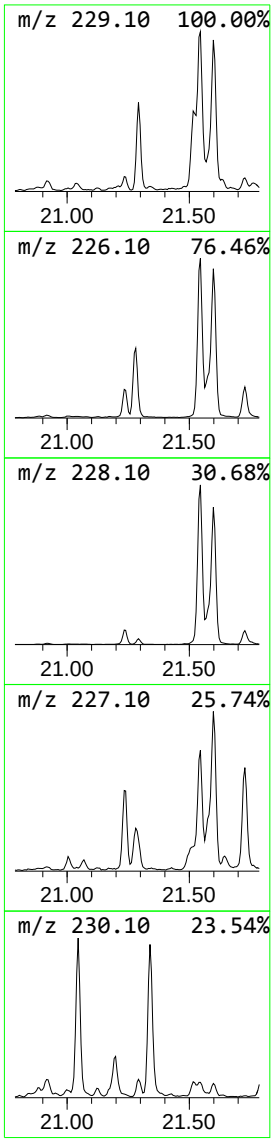
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benz[c]acridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	2.34 ng/ul	666717	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	55
2	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	46
3	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	45
4	Benzo(a)acridine	229	C17H11N	000225-11-6	43
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38





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Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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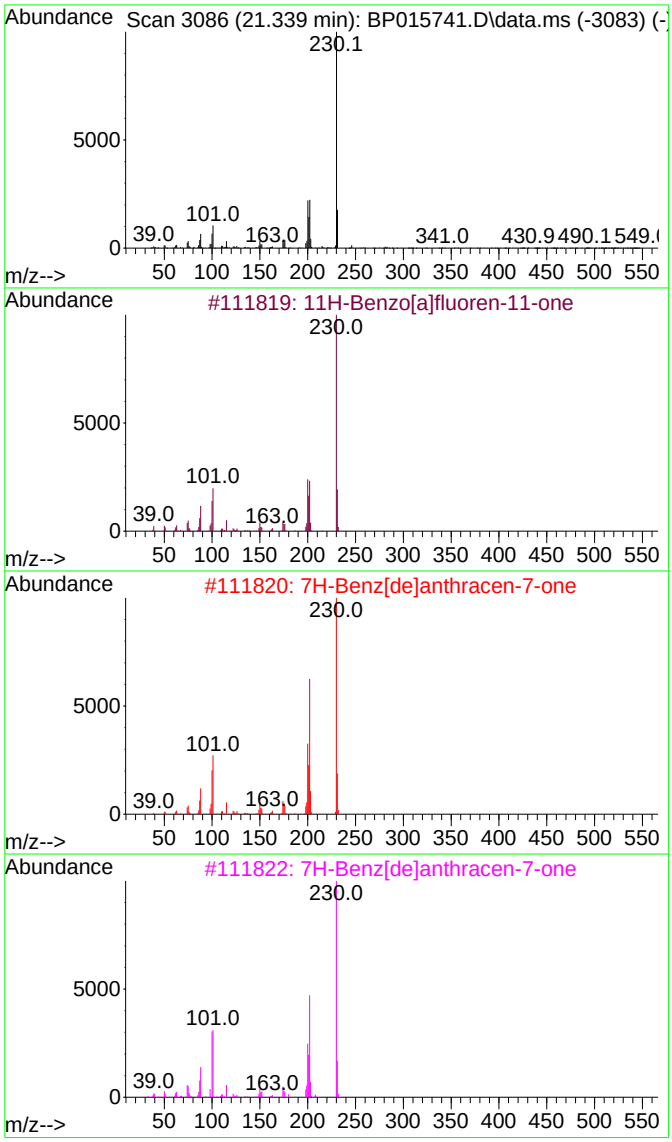
Quant Title : SVOA CALIBRATION

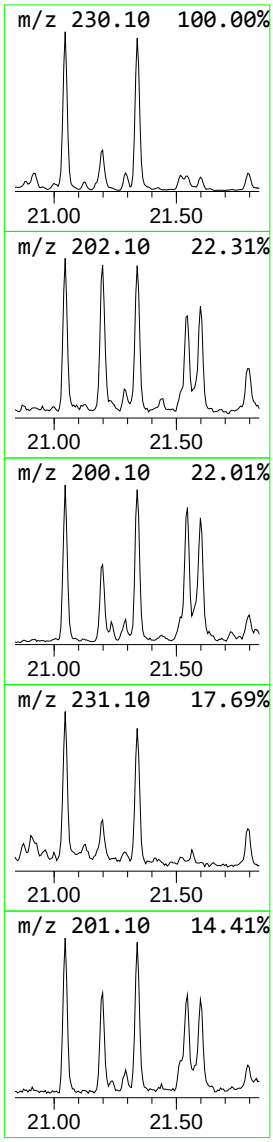
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	2.40 ng/ul	683390	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
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	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78





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Quant Title : SVOA CALIBRATION

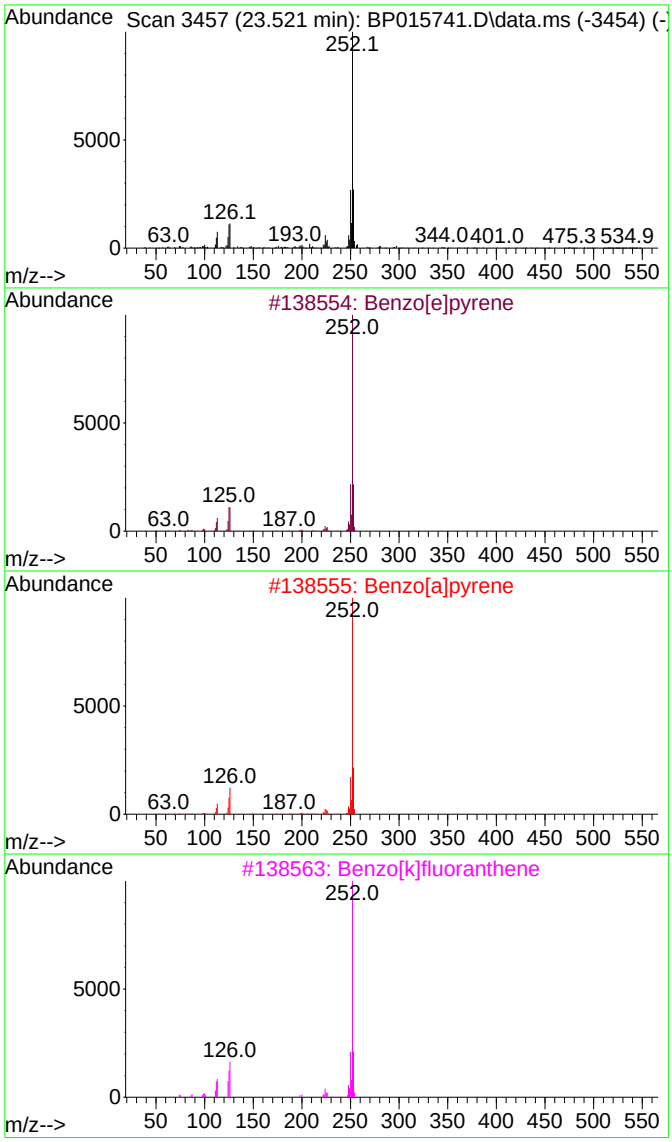
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

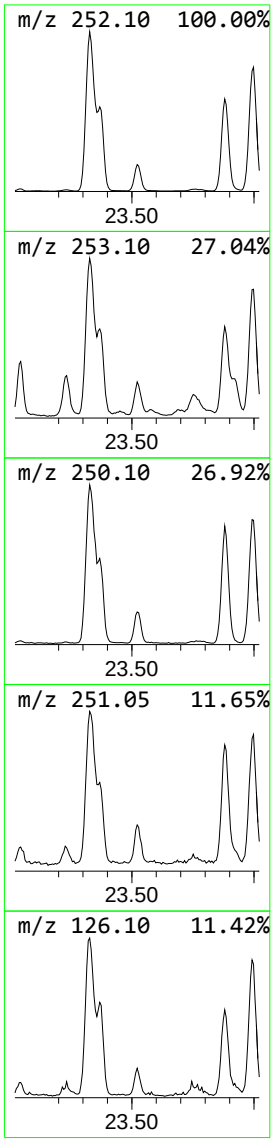
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.522	4.99 ng/ul	422482	Perylene-d12	24.110

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	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

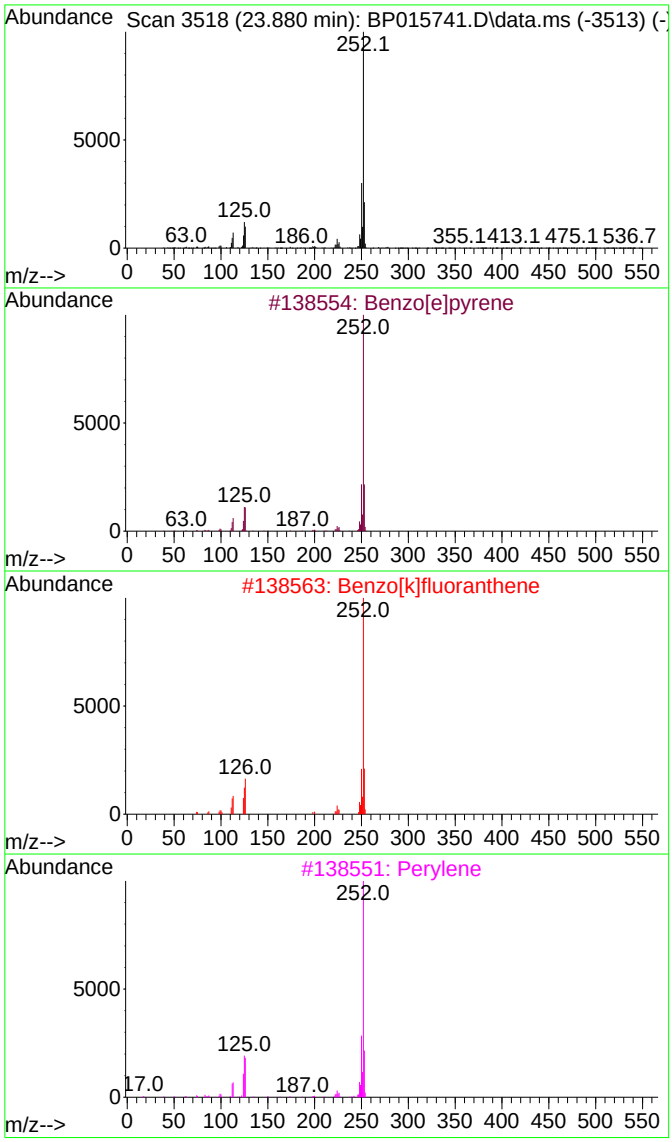
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

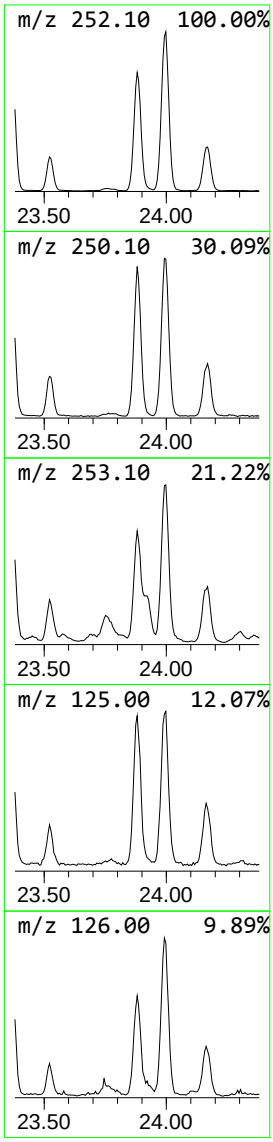
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.880	20.50 ng/ul	1734290	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

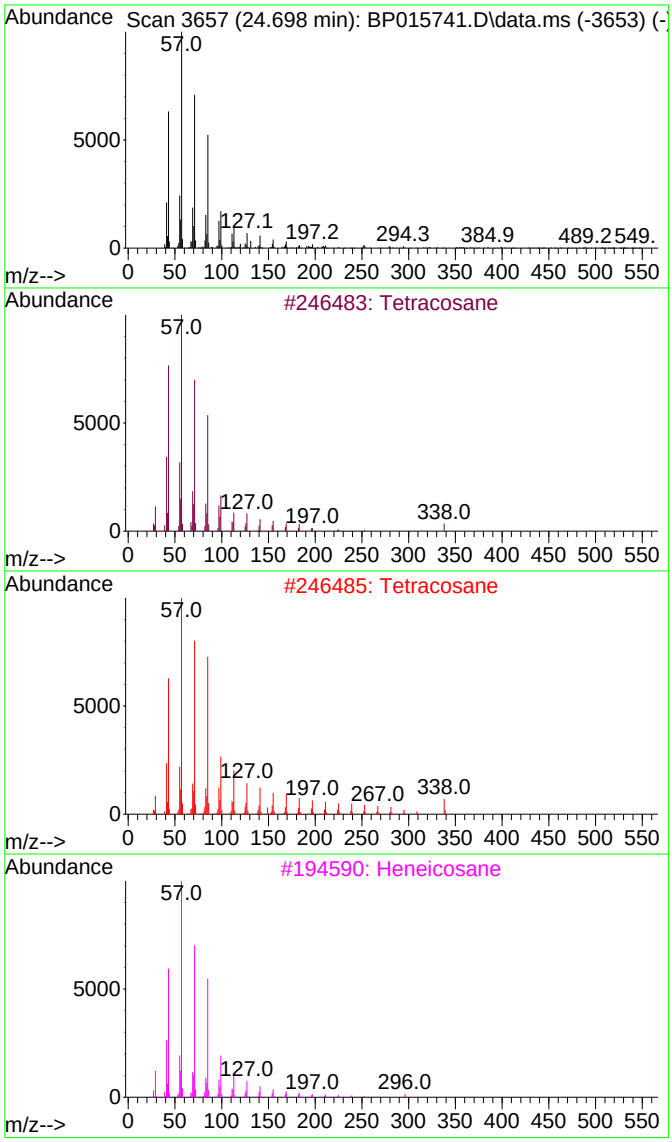
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

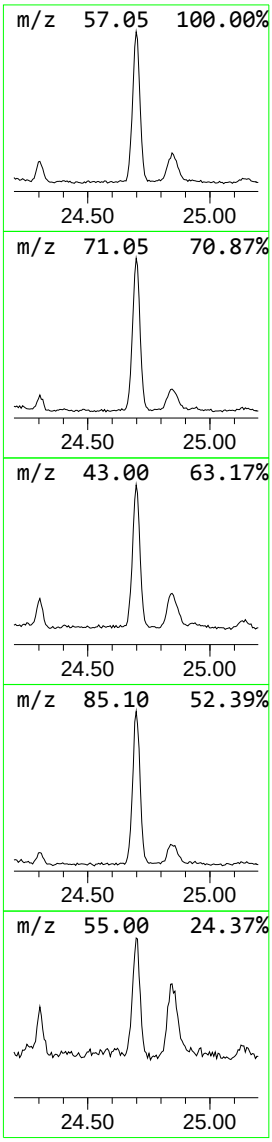
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.698	10.45 ng/ul	884089	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87
5	Hexatriacontane	507	C36H74	000630-06-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015741.D
Acq On : 27 Jun 2023 11:49
Operator : MA/JU
Sample : 03083-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

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
Dibenzo furan	15.122	2.1	ng/ul	159419	3	14.710	1490810	20.0
Benzophenone	16.075	3.8	ng/ul	284717	3	14.710	1490810	20.0
9H-Fluoren-9-one	17.140	2.3	ng/ul	170055	4	17.469	1464180	20.0
Carba zole	17.887	8.0	ng/ul	583824	4	17.469	1464180	20.0
Phenanthrene, 1...	18.328	8.2	ng/ul	603559	4	17.469	1464180	20.0
Phenanthrene, 2...	18.381	6.1	ng/ul	448282	4	17.469	1464180	20.0
4H-Cyclopenta[d...	18.522	7.0	ng/ul	515751	4	17.469	1464180	20.0
Naphthalene, 2-...	18.810	2.9	ng/ul	209868	4	17.469	1464180	20.0
9,10-Anthracene...	18.869	2.8	ng/ul	207201	4	17.469	1464180	20.0
Phenanthrene, 2...	19.210	2.4	ng/ul	172771	4	17.469	1464180	20.0
Cyclopenta(def)...	19.369	3.0	ng/ul	219953	4	17.469	1464180	20.0
11H-Benzo[a]flu...	21.045	2.4	ng/ul	679540	5	21.563	5693670	20.0
Benzo[b]naphtho...	21.198	3.0	ng/ul	855196	5	21.563	5693670	20.0
Benz[c]acridine	21.286	2.3	ng/ul	666717	5	21.563	5693670	20.0
7H-Benz[de]anth...	21.339	2.4	ng/ul	683390	5	21.563	5693670	20.0
Benzo[e]pyrene	23.522	5.0	ng/ul	422482	6	24.110	1692400	20.0
Perylene	23.880	20.5	ng/ul	1734290	6	24.110	1692400	20.0
(DEL) Alkane: S...	24.698	10.4	ng/ul	884089	6	24.110	1692400	20.0