LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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: BP015725.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.834	107	110	123	rBV	204270	345288	2.46%	0.203%
2	7.234	682	688	703	rBV	290094	644157	4.59%	0.379%
3	7.387	708	714	729	rVV	303190	518956	3.70%	0.305%
4	7.593	742	749	758	rBV	411203	718166	5.12%	0.423%
5	8.063	822	829	845	rBV	623321	1092875	7.80%	0.643%
6	8.793	945	953	972	rBV	334386	739223	5.27%	0.435%
7	9.251	1023	1031	1045	rBV	330519	676585	4.83%	0.398%
8	9.981	1147	1155	1169	rBV	277141	589980	4.21%	0.347%
9	10.540	1242	1250	1279	rBV	279903	805659	5.75%	0.474%
10	10.893	1298	1310	1315	rBV	780913	1375047	9.81%	0.809%
11	10.940	1315	1318	1329	rVV	110798	212442	1.52%	0.125%
12	11.069	1331	1340	1361	rVV3	103626	328158	2.34%	0.193%
13	14.122	1849	1859	1871	rVB	761490	1227058	8.75%	0.722%
14	14.410	1901	1908	1922	rBV	909794	1500239	10.70%	0.883%
15	14.710	1946	1959	1965	rBV	1102971	1725740	12.31%	1.016%
16	14.775	1965	1970	1981	rVB	435697	675317	4.82%	0.397%
17	14.969	1991	2003	2021	rVV4	105547	422749	3.02%	0.249%
18	15.116	2022	2028	2035	rVV	203296	362767	2.59%	0.213%
19	15.710	2120	2129	2134	rVV	1120549	1693290	12.08%	0.996%
20	15.763	2134	2138	2148	rVV	344980	567321	4.05%	0.334%
21	15.863	2149	2155	2163	rVV2	281314	593370	4.23%	0.349%
22	16.075	2184	2191	2202	rVB2	437944	753602	5.38%	0.443%
23	16.210	2209	2214	2225	rVV	98057	202644	1.45%	0.119%
24	16.998	2339	2348	2351	rBV2	73954	143509	1.02%	0.084%
25	17.133	2365	2371	2377	rVB	374191	531982	3.79%	0.313%
26	17.292	2393	2398	2403	rVB	266010	369842	2.64%	0.218%
27	17.475	2423	2429	2432	rBV	1307598	2036695	14.53%	1.198%
28	17.516	2432	2436	2441	rVV	5148364	7495543	53.46%	4.411%
29	17.575	2441	2446	2449	rVV2	1194809	1861876	13.28%	1.096%
30	17.610	2449	2452	2460	rVV	1075413	1489273	10.62%	0.876%
31	17.680	2460	2464	2472	rVB	123493	203411	1.45%	0.120%
32	17.880	2491	2498	2505	rBV2	920181	1616060	11.53%	0.951%
33	18.057	2523	2528	2535	rVV4	92024	206036	1.47%	0.121%
34	18.275	2560	2565	2570	rBV2	151671	237552	1.69%	0.140%
35	18.333	2570	2575	2579	rVV	1833656	2377062	16.96%	1.399%
36	18.380	2579	2583	2590	rVV	870357	1253780	8.94%	0.738%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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	18.463	2592	2597	2601	rVB	264740	372591	2.66%	0.219%
38	18.522	2601	2607	2611	rBV2	848688	1503532	10.72%	0.885%
39	18.557	2611	2613	2618	rVB	361965	408392	2.91%	0.240%
40	18.627	2619	2625	2629	rBV2	128909	202831	1.45%	0.119%
41	18.674	2629	2633	2637	rBV2	120770	144322	1.03%	0.085%
42	18.810	2652	2656	2661	rBV	427663	604186	4.31%	0.356%
43	18.869	2661	2666	2671	rVB	565588	730454	5.21%	0.430%
44	19.051	2693	2697	2701	rBV5	130053	167926	1.20%	0.099%
45	19.098	2701	2705	2708	rVB	136244	161541	1.15%	0.095%
46	19.139	2708	2712	2716	rVB	136404	159040	1.13%	0.094%
47	19.210	2720	2724	2729	rBV	356727	564924	4.03%	0.332%
48	19.269	2730	2734	2738	rVV3	191774	387284	2.76%	0.228%
49	19.310	2738	2741	2745	rVV2	170511	263819	1.88%	0.155%
50	19.369	2746	2751	2756	rVB	512983	796105	5.68%	0.468%
51	19.416	2756	2759	2762	rBV3	218174	293481	2.09%	0.173%
52	19.480	2762	2770	2776	rVV	10244258	14019724	100.00%	8.250%
53	19.557	2780	2783	2791	rVB4	495835	852517	6.08%	0.502%
54	19.710	2805	2809	2817	rVV2	272269	481968	3.44%	0.284%
55	19.798	2819	2824	2827	rVV2	2978721	4903655	34.98%	2.886%
56	19.833	2827	2830	2836	rVV	7949822	9908140	70.67%	5.830%
57	19.892	2836	2840	2846	rVB	435455	614227	4.38%	0.361%
58	20.004	2855	2859	2863	rVB	460537	594970	4.24%	0.350%
59	20.074	2864	2871	2876	rBV	509177	915167	6.53%	0.539%
60	20.139	2877	2882	2889	rVB3	541425	1273069	9.08%	0.749%
61	20.204	2889	2893	2899	rBV	344026	525786	3.75%	0.309%
62	20.280	2900	2906	2908	rVV3	570938	1135744	8.10%	0.668%
63	20.310	2908	2911	2915	rVB	905740	1171934	8.36%	0.690%
64	20.404	2923	2927	2931	rBV2	483668	639588	4.56%	0.376%
65	20.463	2931	2937	2940	rVV2	707431	1269475	9.05%	0.747%
66	20.498	2940	2943	2947	rVB	372077	433628	3.09%	0.255%
67	20.539	2947	2950	2954	rVB	222268	287332	2.05%	0.169%
68	20.604	2957	2961	2964	rBV	463650	645698	4.61%	0.380%
69	20.645	2965	2968	2971	rVB2	314194	366387	2.61%	0.216%
70	20.733	2980	2983	2986	rBV2	168928	219737	1.57%	0.129%
71	20.916	3011	3014	3018	rVB4	193249	280422	2.00%	0.165%
72	21.045	3032	3036	3043	rBV	1445723	1982287	14.14%	1.166%
73	21.204	3059	3063	3066	rBV2	1548575	2149873	15.33%	1.265%
74	21.239	3066	3069	3073	rVV	1312178	1692541	12.07%	0.996%
75	21.292	3073	3078	3081	rVV2	917716	1585364	11.31%	0.933%
76	21.339	3083	3086	3095	rVB	1452833	1946220	13.88%	1.145%

LSC Area Percent Report

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Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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	21.445	3101	3104	3110	rVB	371711	561344	4.00%	0.330%
78	21.551	3113	3122	3128	rVV3	6303052	13526202	96.48%	7.960%
79	21.604	3128	3131	3140	rVB	4689997	6758774	48.21%	3.977%
80	21.733	3149	3153	3157	rBV	698280	934786	6.67%	0.550%
81	21.798	3161	3164	3167	rVV2	381671	604234	4.31%	0.356%
82	21.857	3171	3174	3178	rVV	517288	715461	5.10%	0.421%
83	21.910	3178	3183	3188	rVB2	1111433	1650759	11.77%	0.971%
84	22.104	3213	3216	3220	rBV2	391223	644270	4.60%	0.379%
85	22.163	3221	3226	3230	rVB2	899337	1583463	11.29%	0.932%
86	22.392	3261	3265	3269	rBV2	473335	816421	5.82%	0.480%
87	22.498	3279	3283	3287	rBV2	333717	515033	3.67%	0.303%
88	23.045	3371	3376	3386	rVB2	494002	1095956	7.82%	0.645%
89	23.262	3410	3413	3418	rVB	877028	1386983	9.89%	0.816%
90	23.345	3419	3427	3432	rBV	4996552	12875420	91.84%	7.577%
91	23.533	3454	3459	3465	rVB	698370	1199820	8.56%	0.706%
92	23.892	3514	3520	3525	rBV	2311599	4921455	35.10%	2.896%
93	24.009	3534	3540	3550	rVB	3410735	7072287	50.45%	4.162%
94	24.115	3553	3558	3563	rVV2	1149832	2456011	17.52%	1.445%
95	24.174	3564	3568	3578	rVB2	1133389	2493024	17.78%	1.467%
96	24.709	3653	3659	3666	rVB	1215534	2495398	17.80%	1.468%
97	24.857	3678	3684	3691	rBV2	445937	1133173	8.08%	0.667%
98	26.692	3990	3996	4007	rBV3	608000	1682730	12.00%	0.990%
99	26.827	4012	4019	4027	rVB	1747392	4980880	35.53%	2.931%
100	27.668	4154	4162	4171	rVB	1138532	3584731	25.57%	2.109%

Sum of corrected areas: 169937750

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
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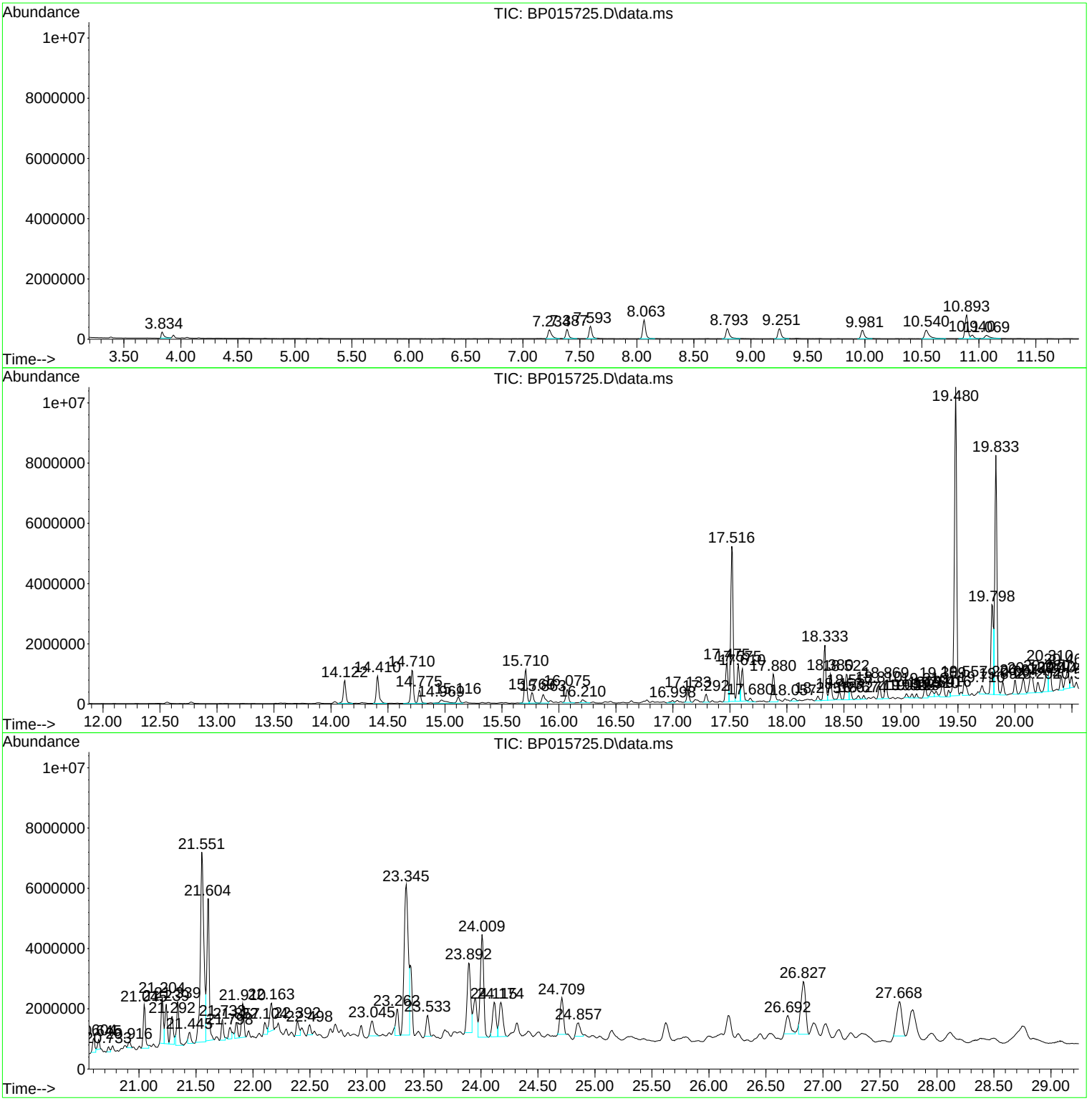
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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

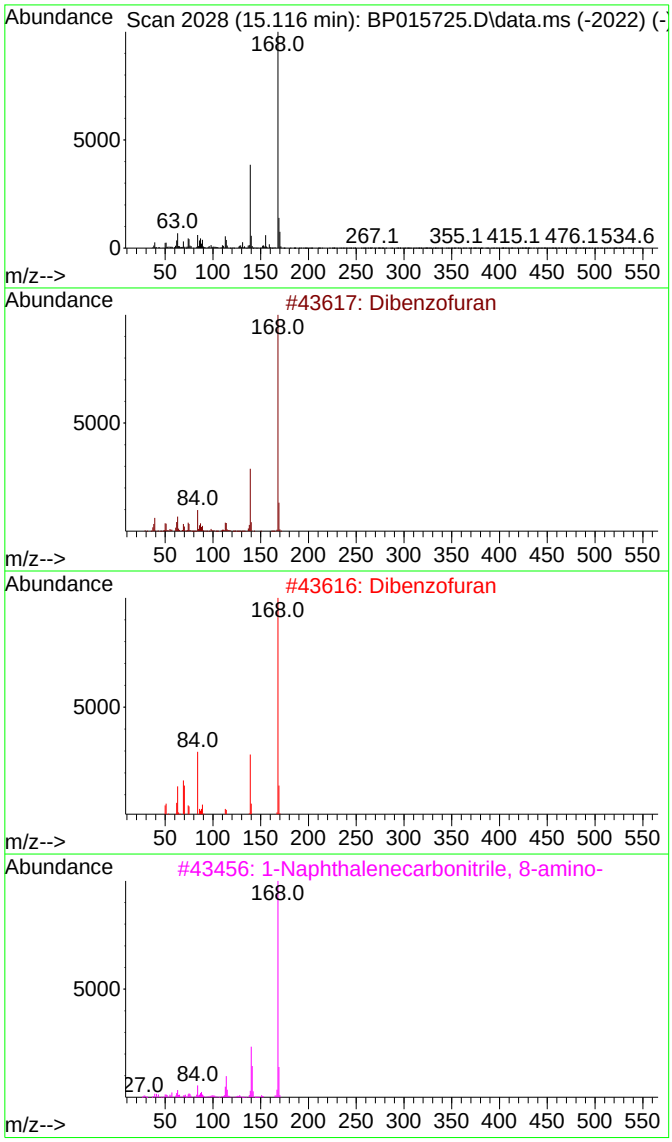
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

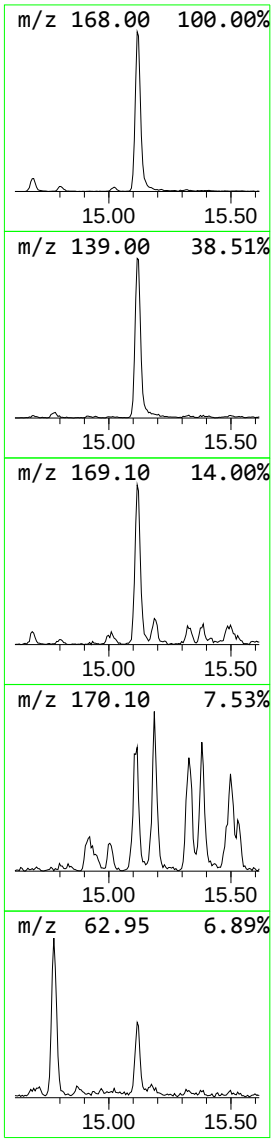
****

Peak Number 1 Diben zofuran Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	4.20 ng/ul	362767	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	78
3	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	50
4	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	50
5	Pyrimidine, 2-(dimethylamino)-5-...	168	C6H8N4O2	014233-44-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

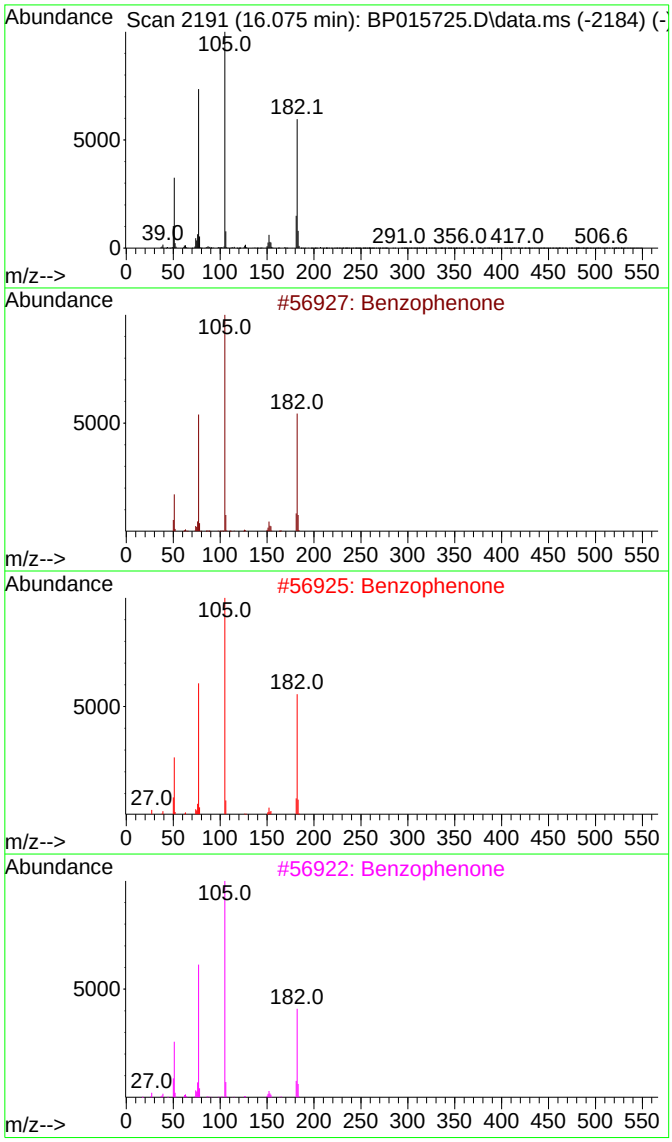
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

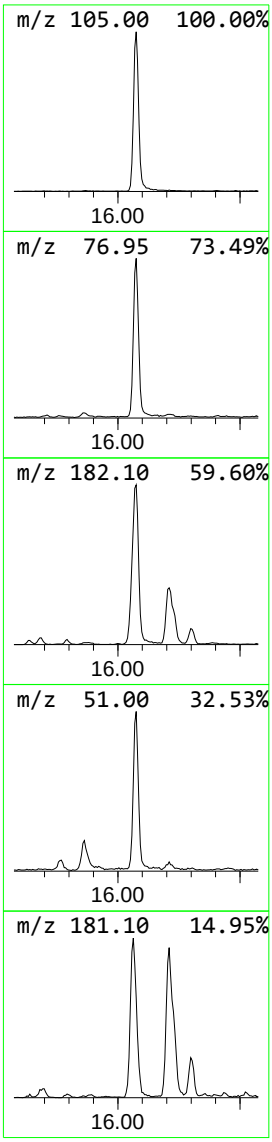
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.075	8.73 ng/ul	753602	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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

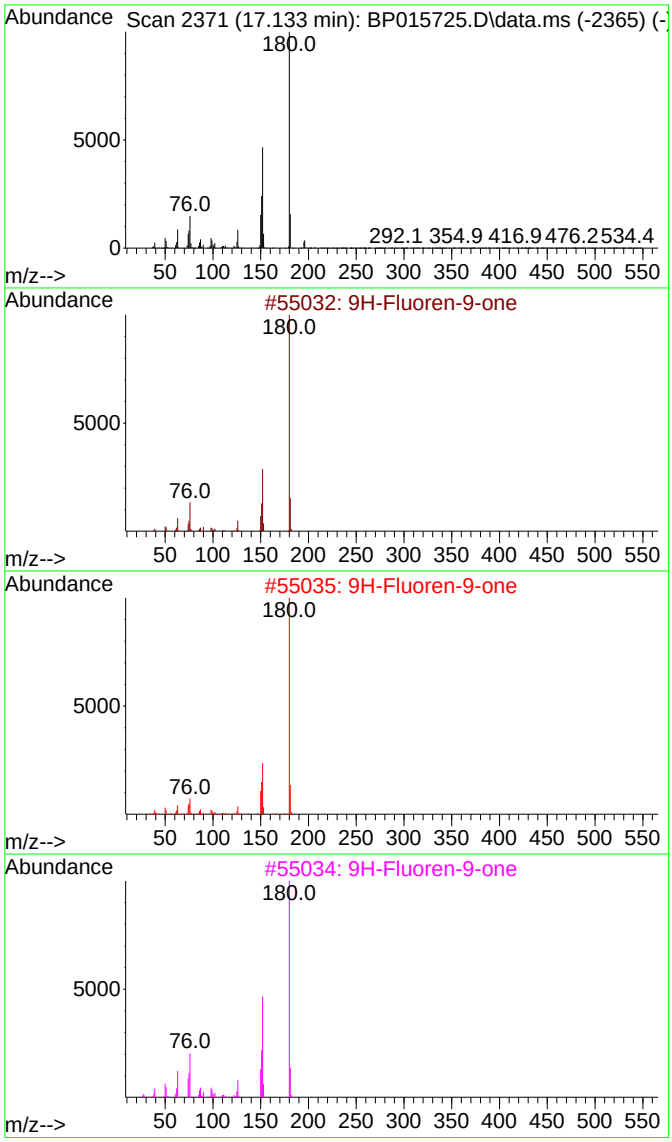
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

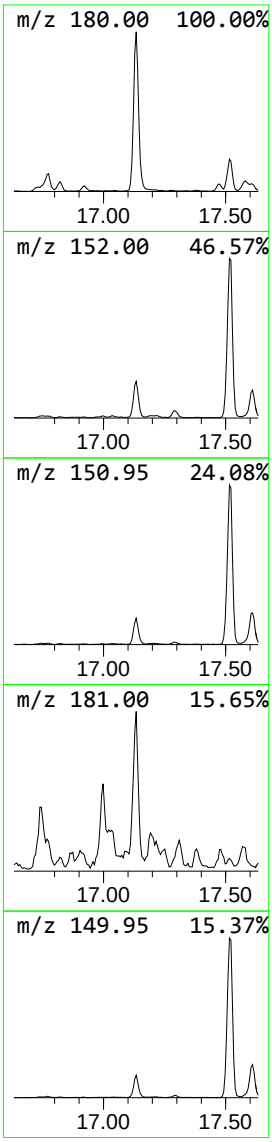
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.133	5.22 ng/ul	531982	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

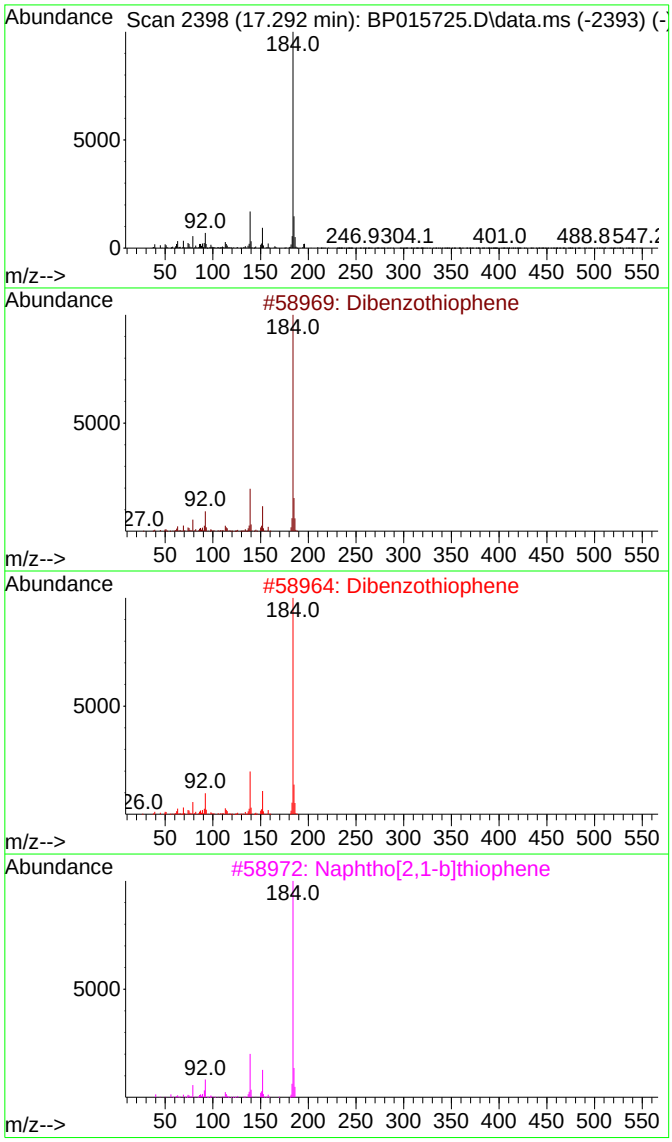
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

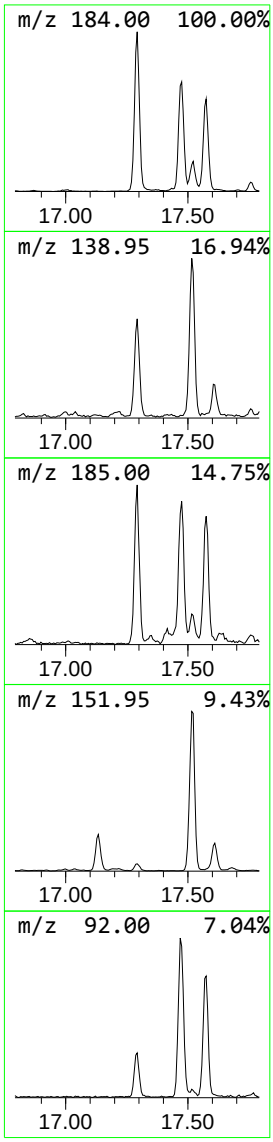
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzothiophene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.292	3.63 ng/ul	369842	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	96
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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

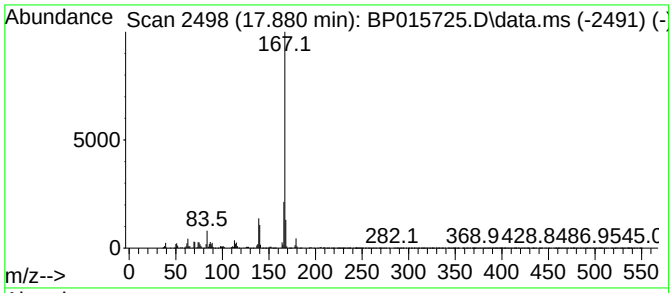
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

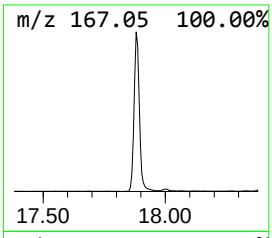
****

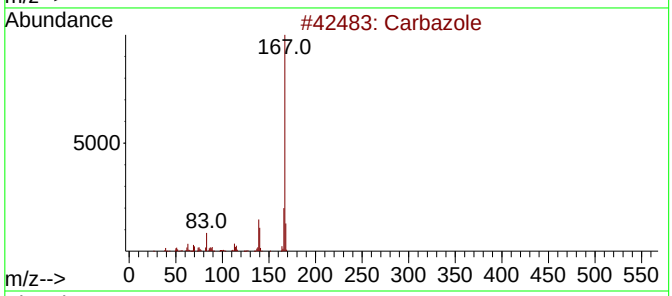
Peak Number 5 Carba zole Concentration Rank 5

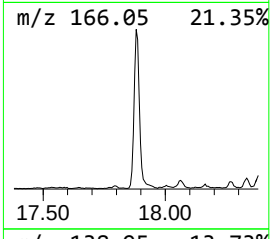
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.880	15.87 ng/ul	1616060	Phenanthrene-d10	17.474

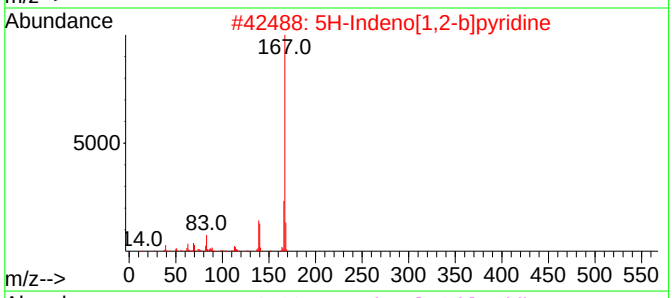
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
4	Carbazole	167	C12H9N	000086-74-8	90
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	87

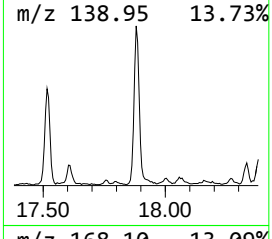


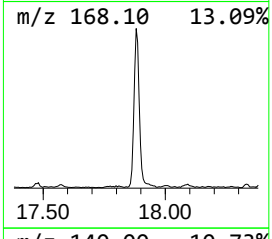


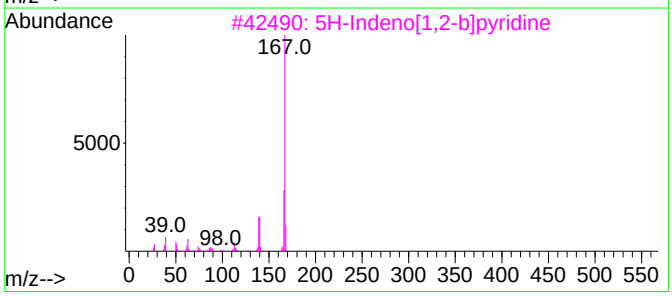


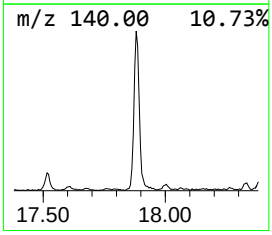












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Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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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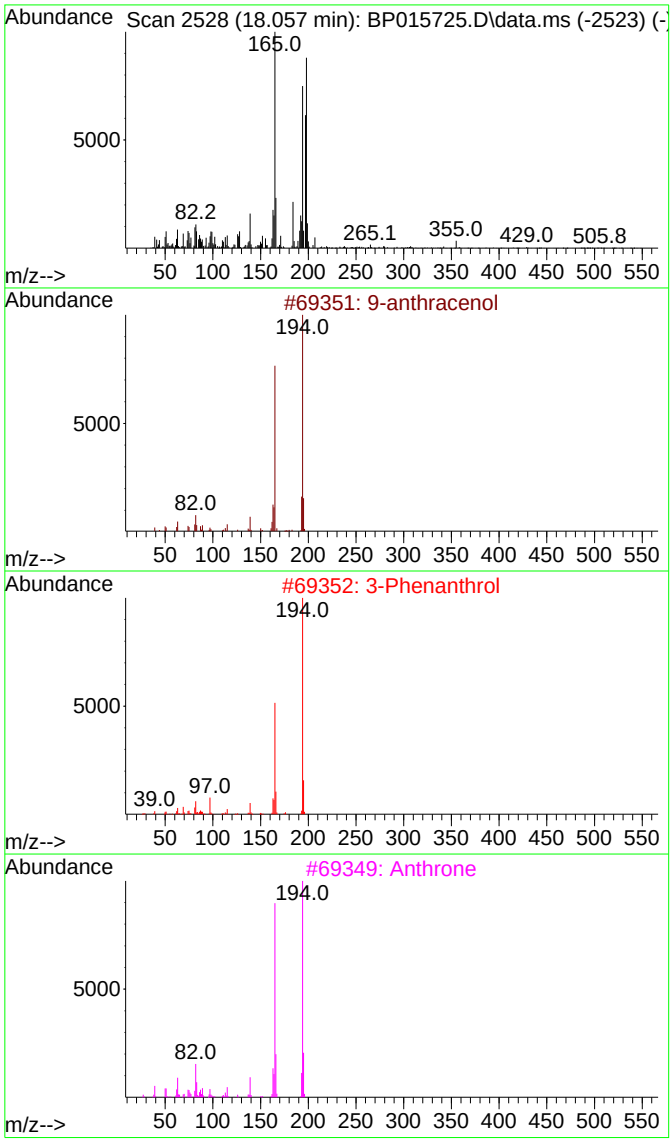
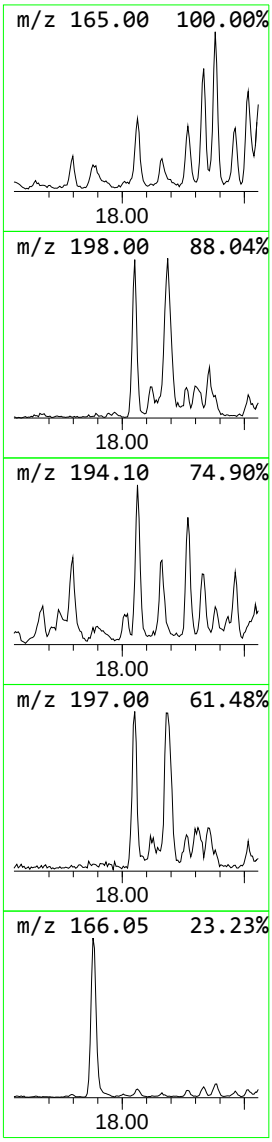
Peak Number 6 9-anthracenol Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	2.02 ng/ul	206036	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-anthracenol	194	C14H10O	1000400-30-3	83
2	3-Phenanthrol	194	C14H10O	000605-87-8	50
3	Anthrone	194	C14H10O	000090-44-8	50
4	Anthrone	194	C14H10O	000090-44-8	50
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	43





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Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

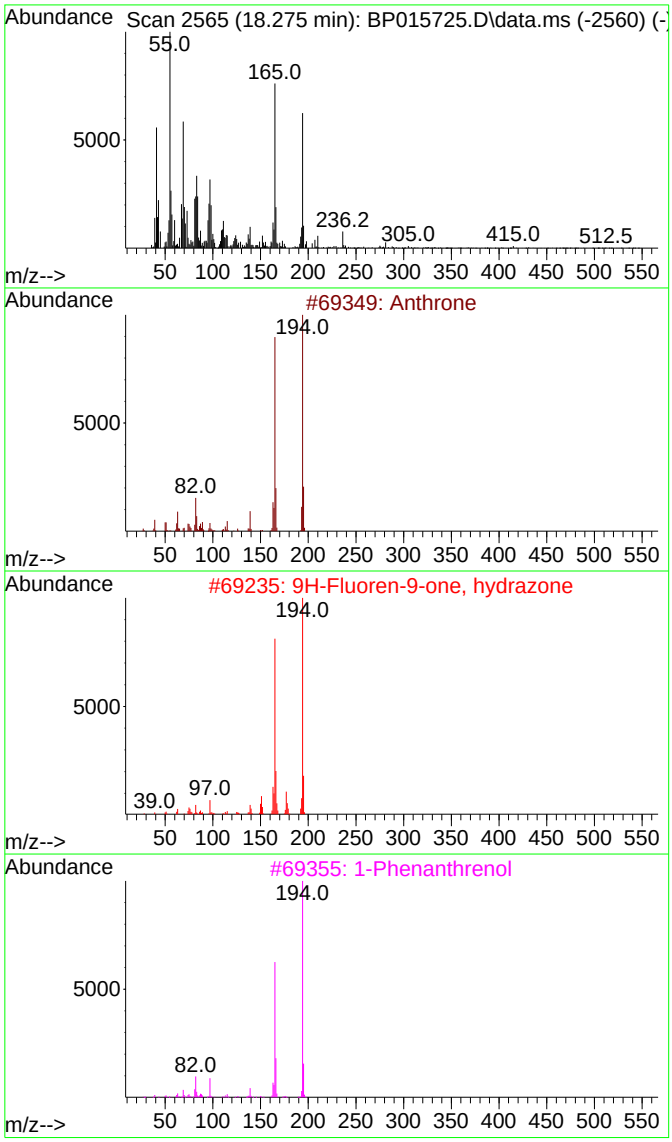
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

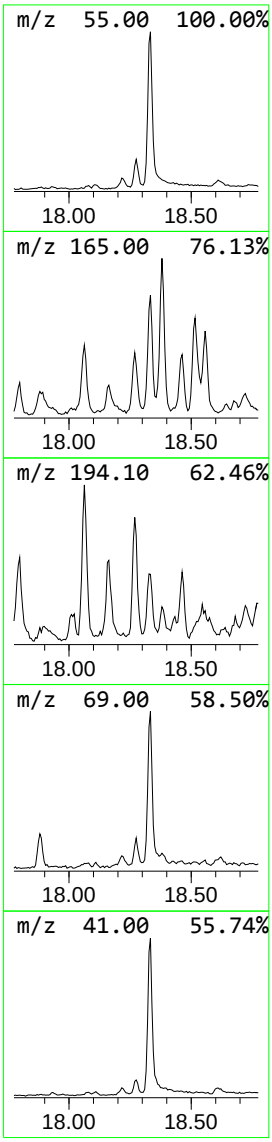
****

Peak Number 7 Anthrone Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	2.33 ng/ul	237552	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	78
2	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	70
3	1-Phenanthrenol	194	C14H10O	002433-56-9	64
4	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	58
5	Anthrone	194	C14H10O	000090-44-8	53





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Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

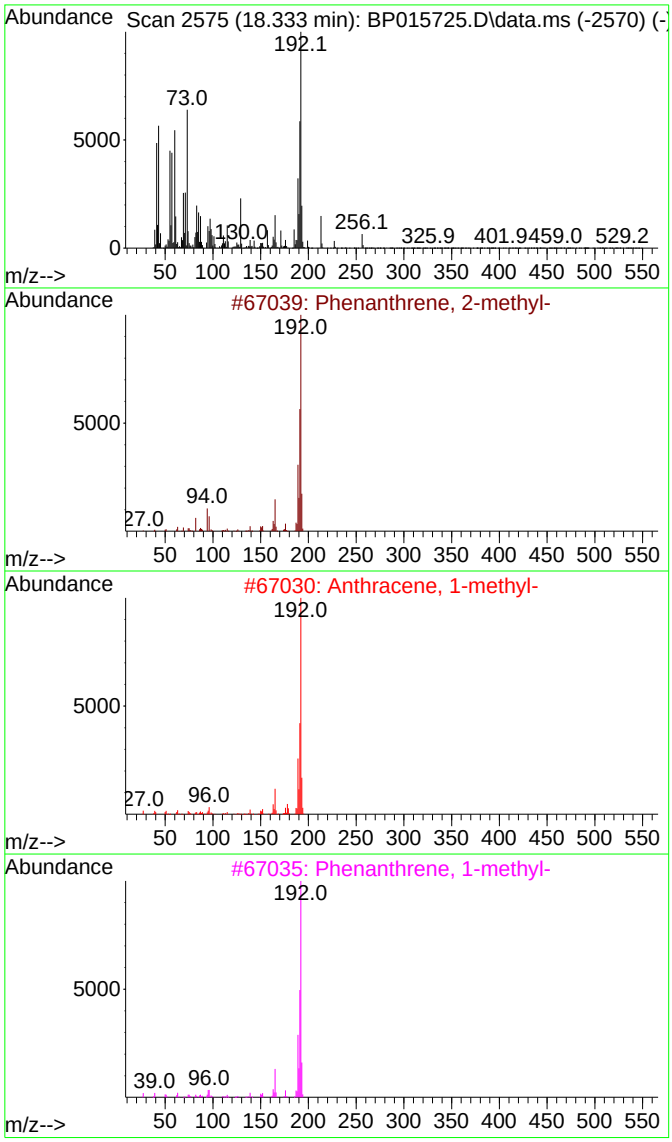
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

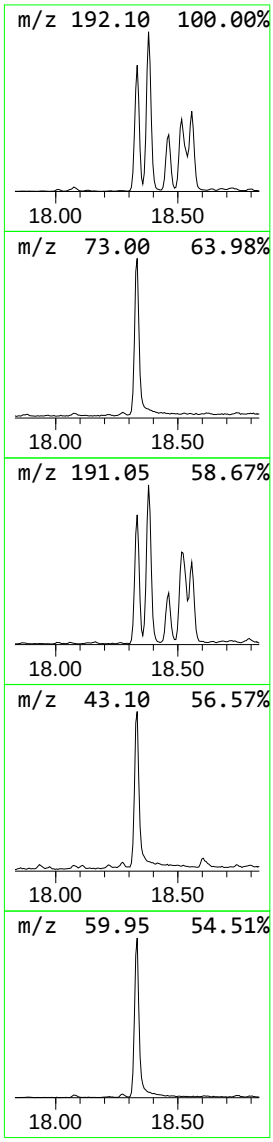
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	23.34 ng/ul	2377060	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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

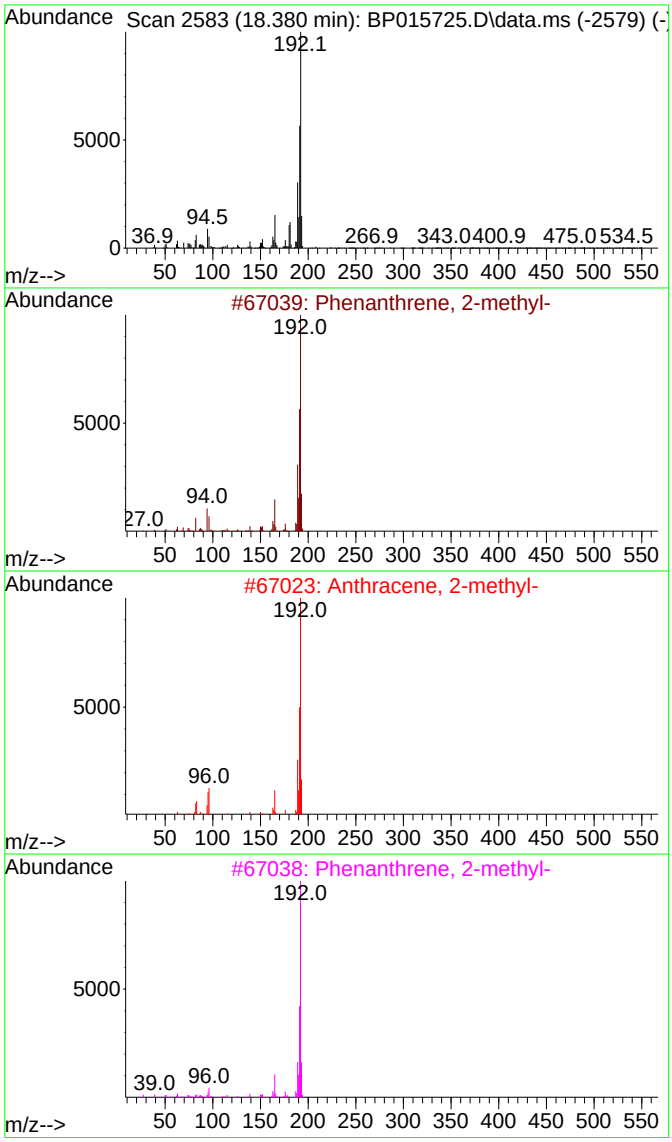
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

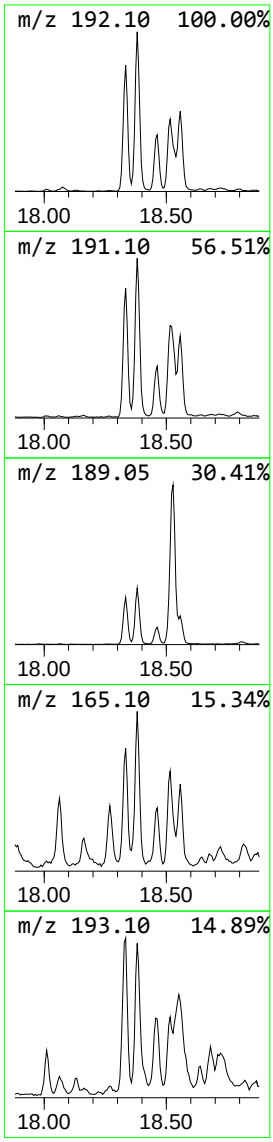
****

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	12.31 ng/ul	1253780	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

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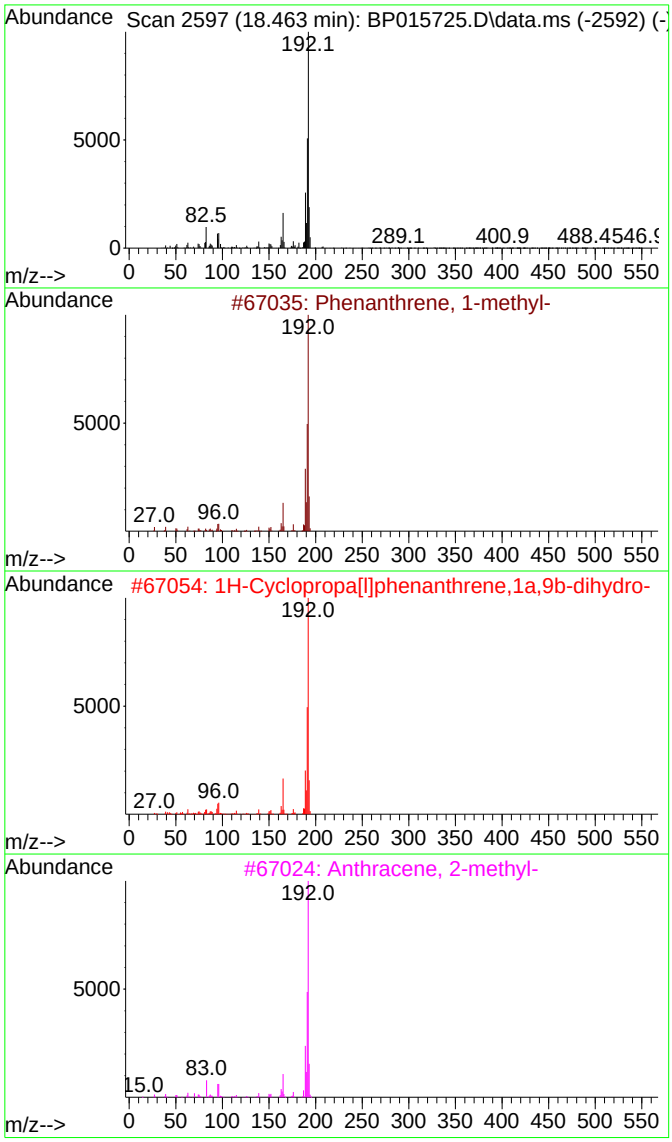
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

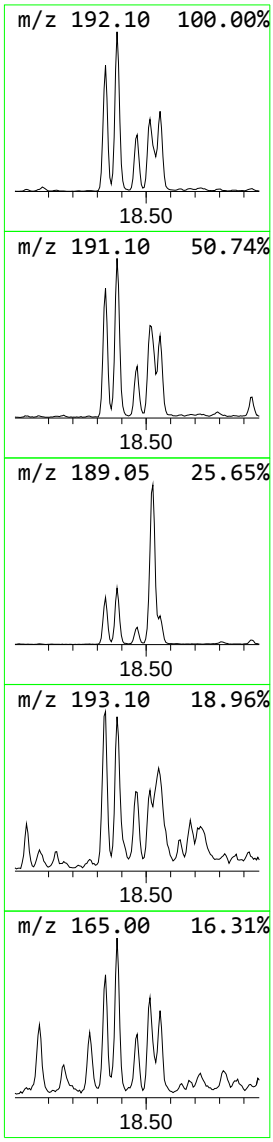
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	3.66 ng/ul	372591	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

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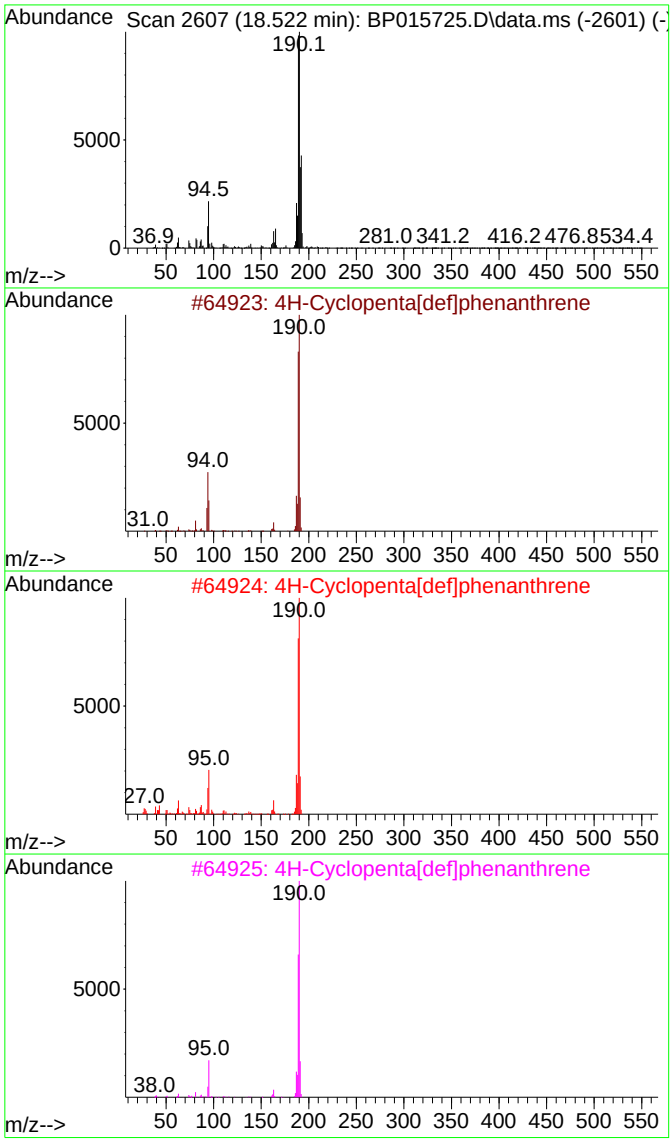
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

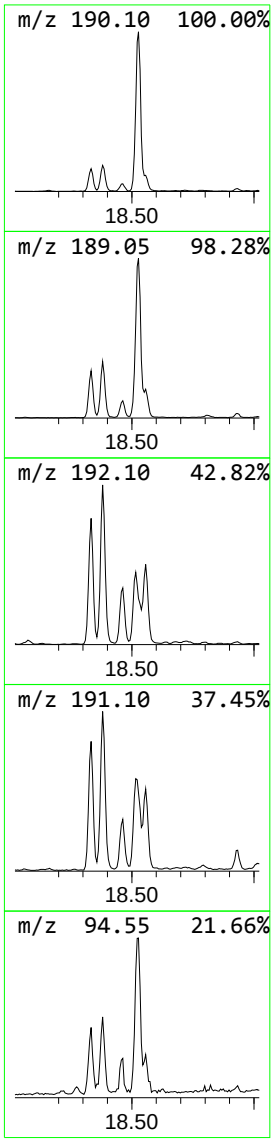
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	14.76 ng/ul	1503530	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





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Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

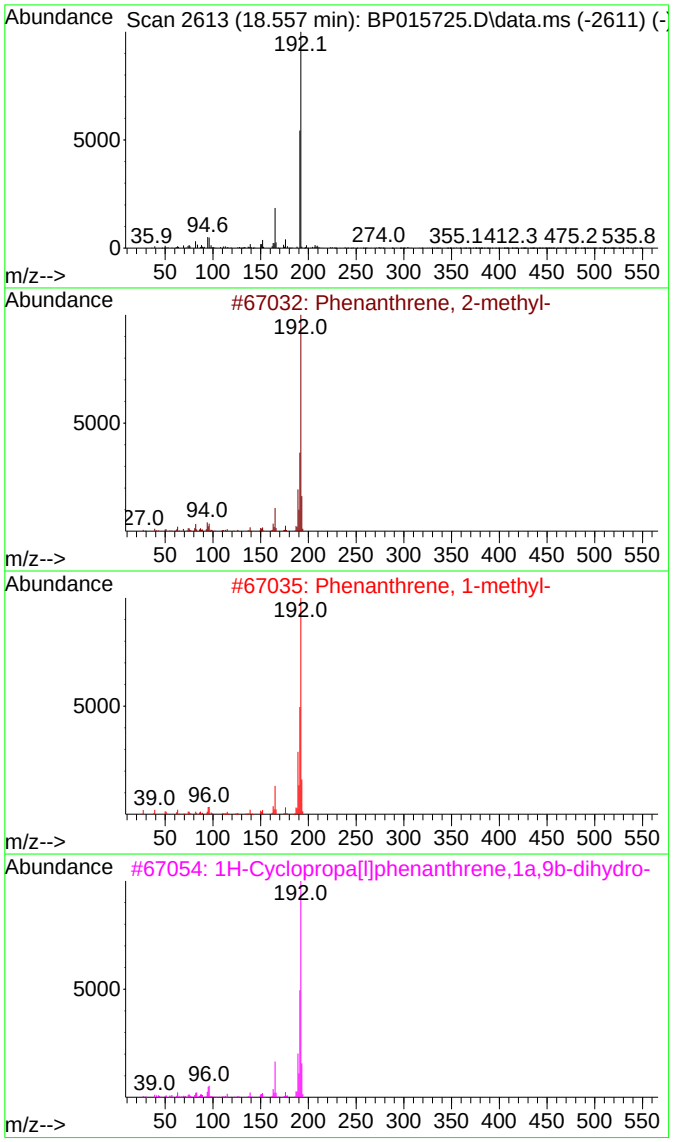
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

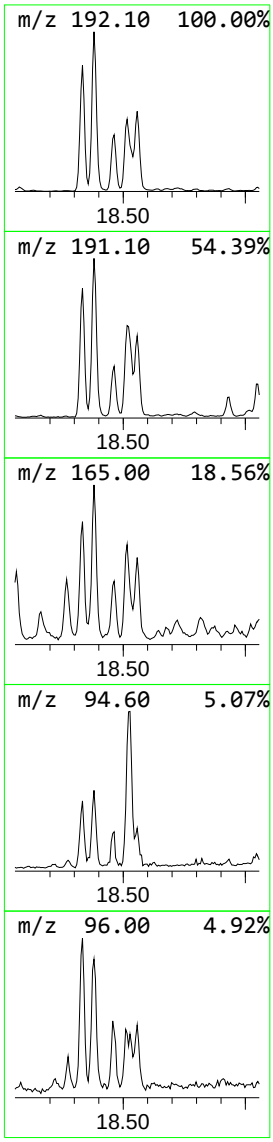
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.557	4.01 ng/ul	408392	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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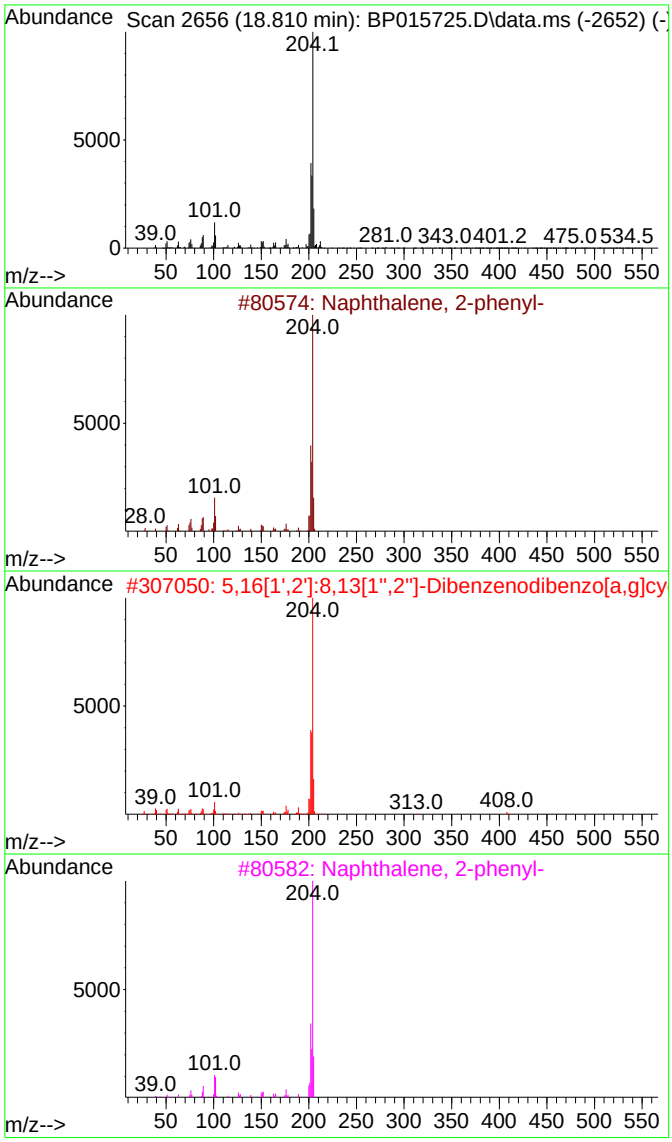
Quant Title : SVOA CALIBRATION

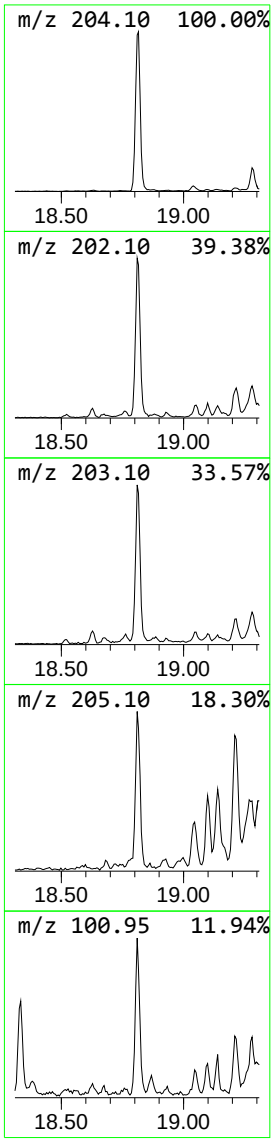
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	5.93 ng/ul	604186	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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ALS Vial : 15 Sample Multiplier: 1

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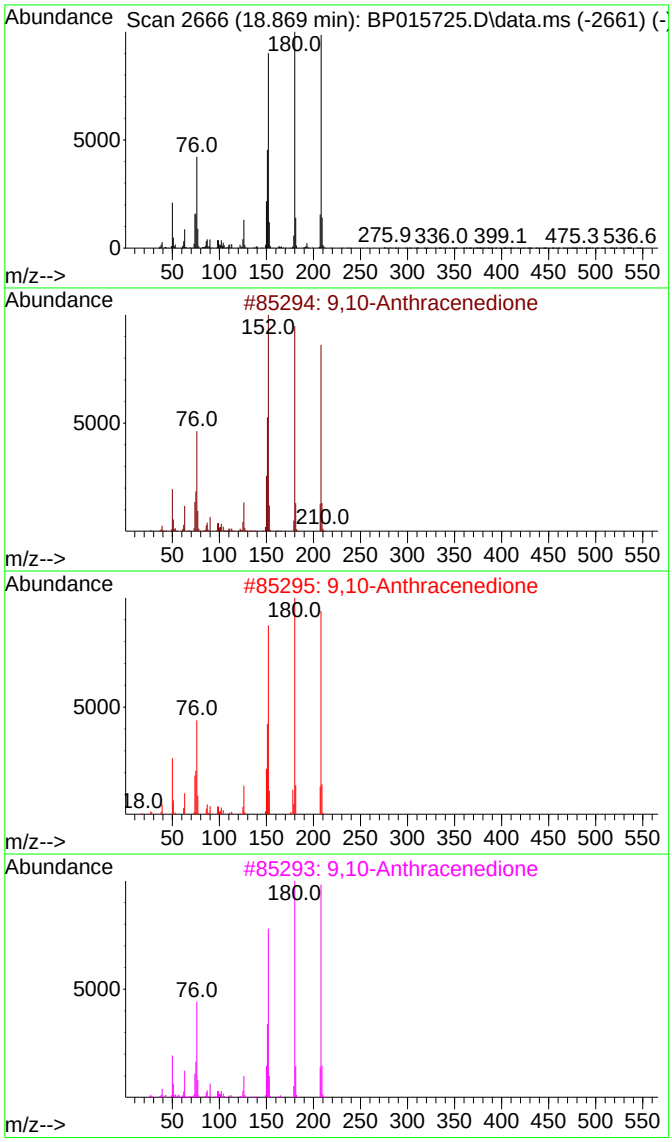
Quant Title : SVOA CALIBRATION

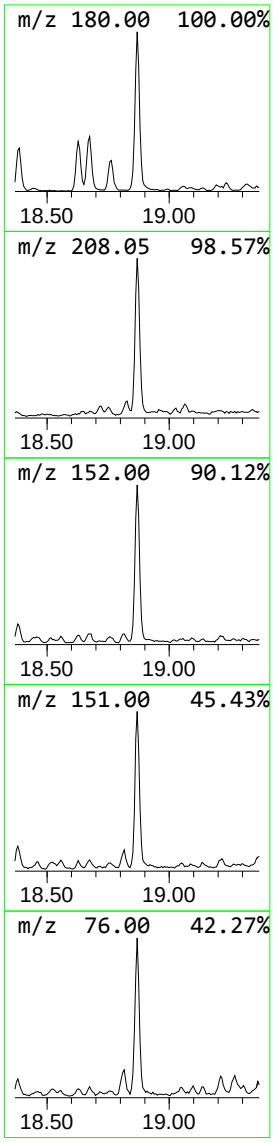
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	7.17 ng/ul	730454	Phenanthrene-d10	17.474

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	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95





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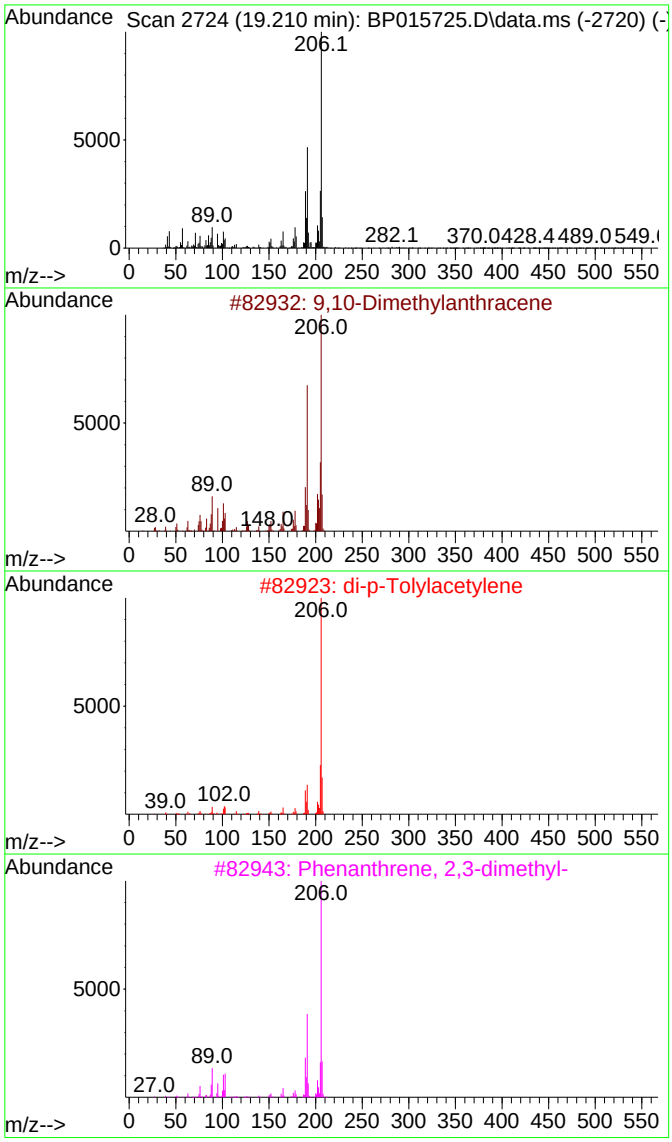
Quant Title : SVOA CALIBRATION

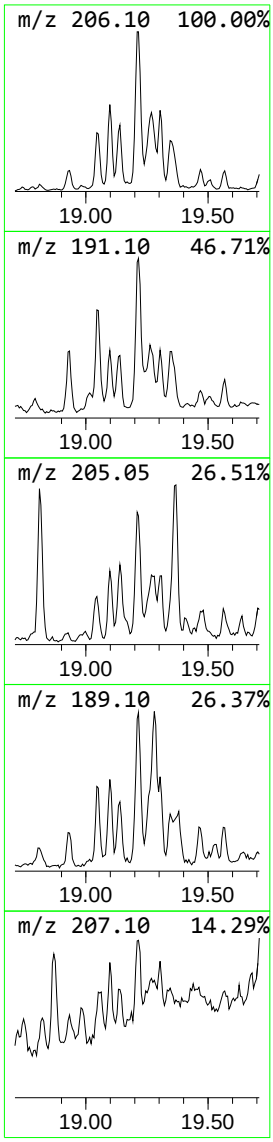
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.210	5.55 ng/ul	564924	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

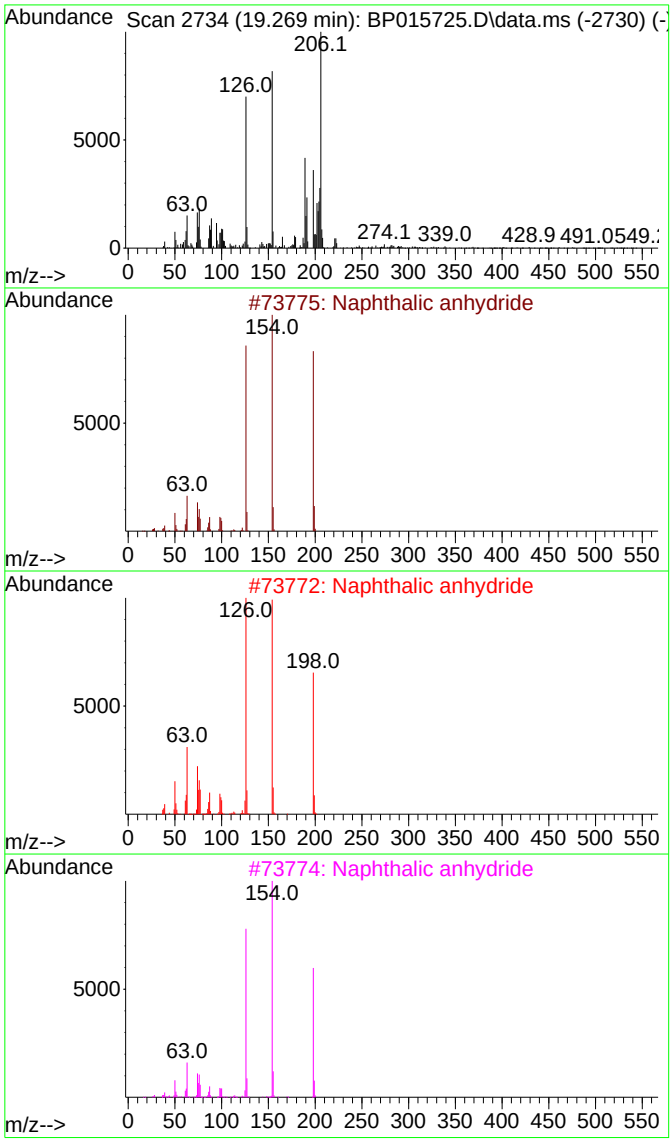
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

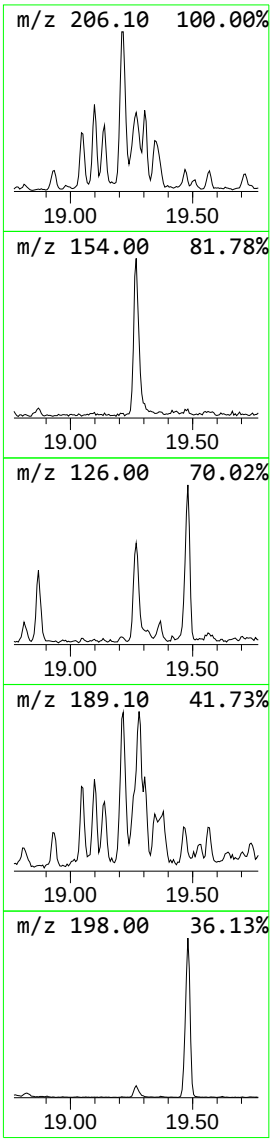
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalic anhydride Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.269	3.80 ng/ul	387284	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	83
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	56
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	51
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	30
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	30





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Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

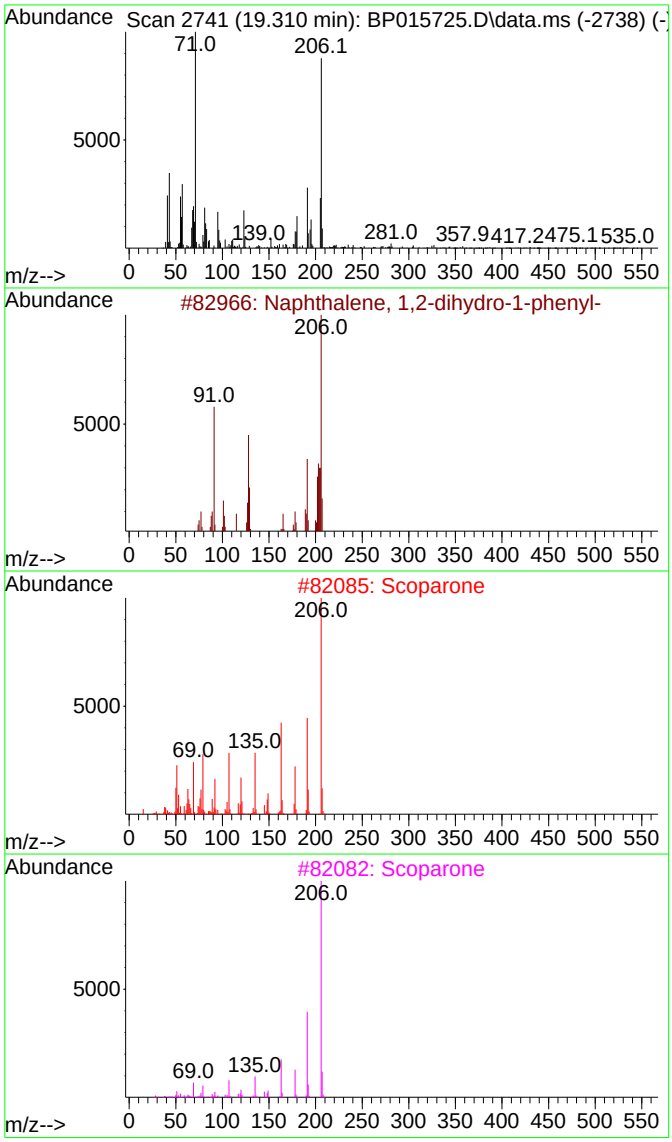
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

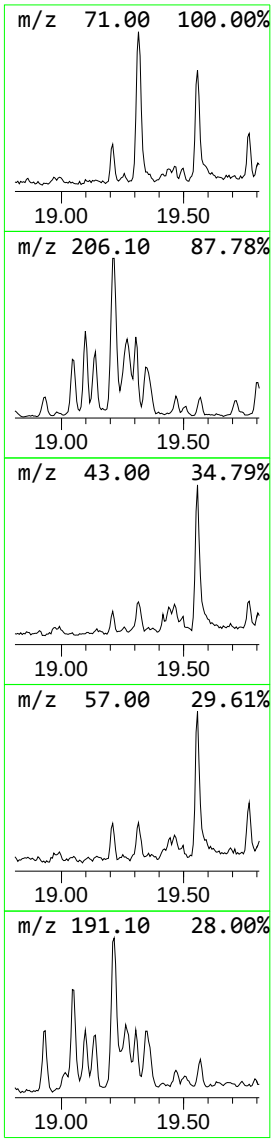
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,2-dihydro-1-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.310	2.59 ng/ul	263819	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	53
2	Scoparone	206	C11H10O4	000120-08-1	35
3	Scoparone	206	C11H10O4	000120-08-1	35
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	32
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	32





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Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

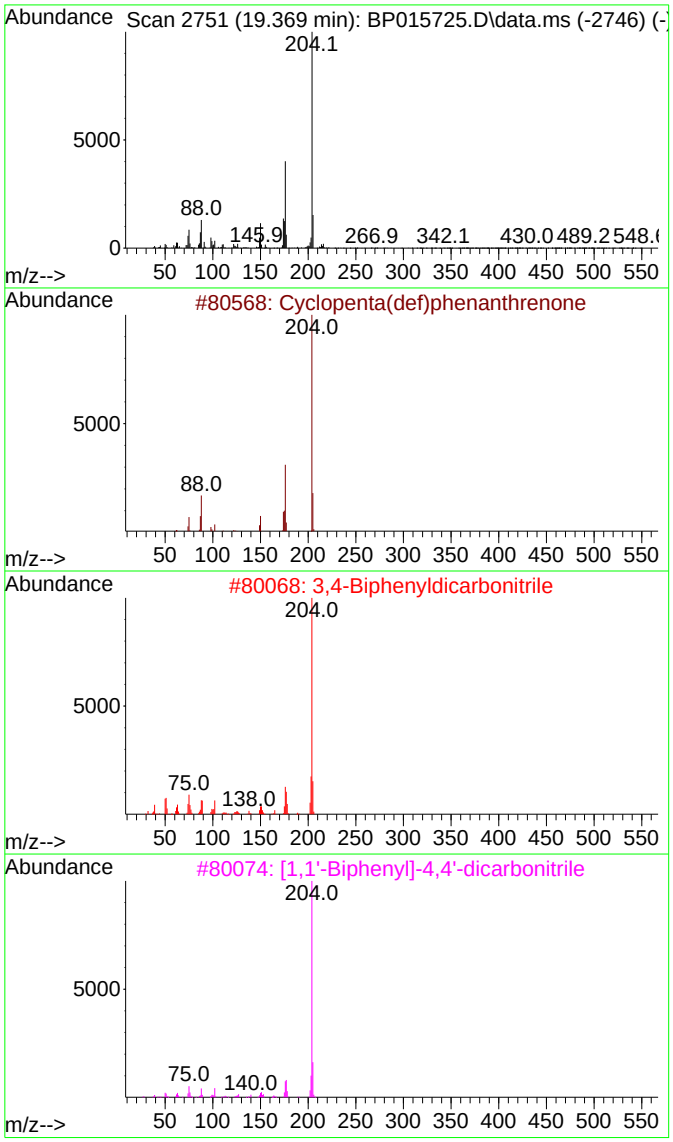
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

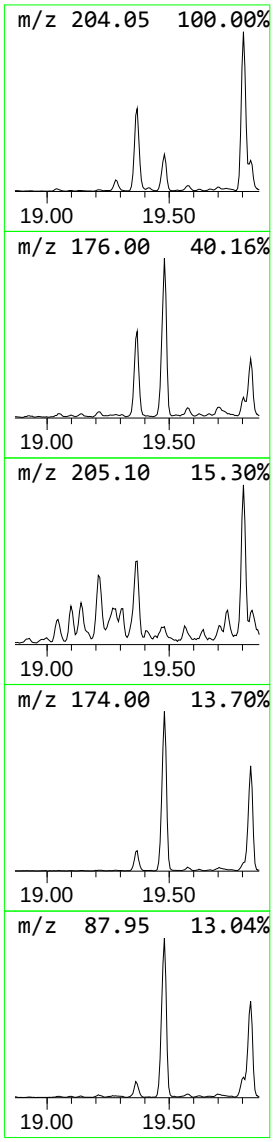
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.369	7.82 ng/ul	796105	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47





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Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

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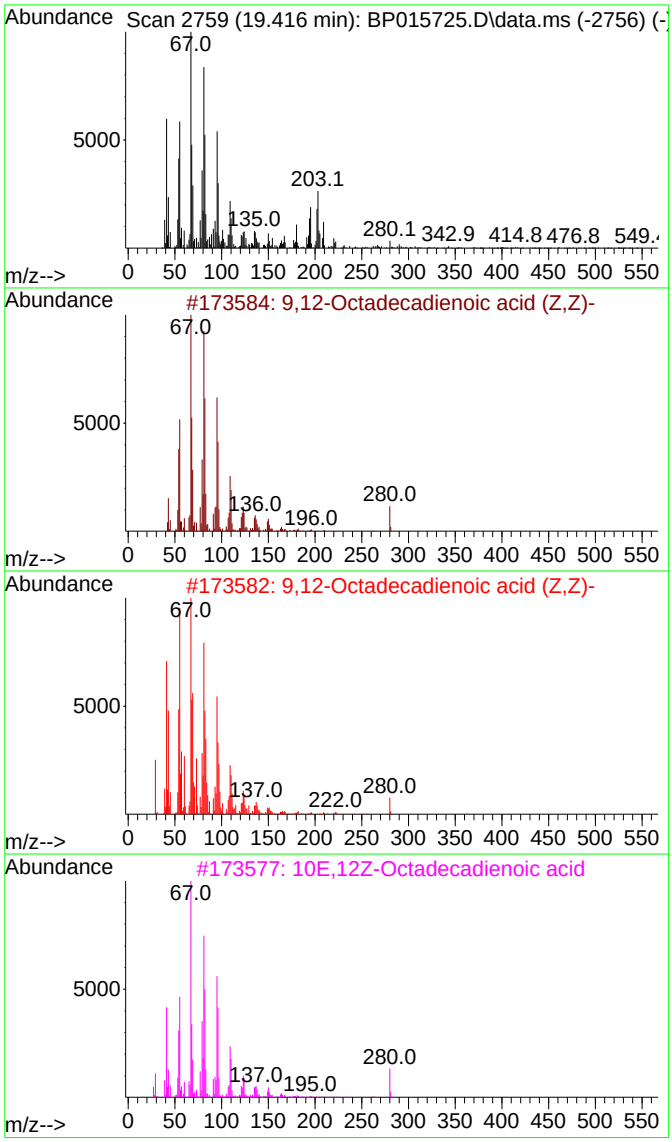
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

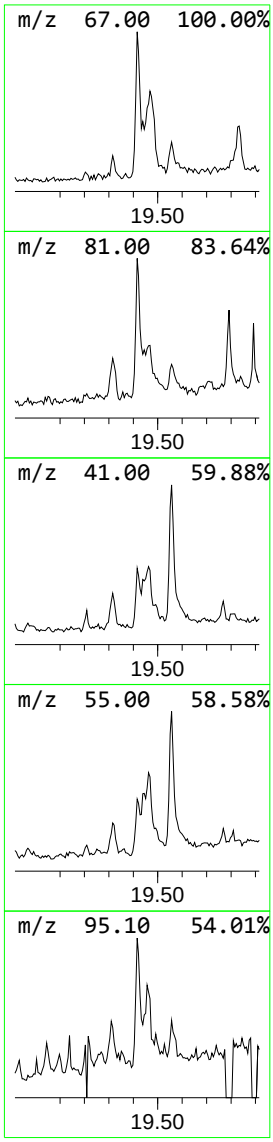
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,12-Octadecadienoic acid (... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.416	2.88 ng/ul	293481	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	91
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	91
4	1-Hexadecyne	222	C16H30	000629-74-3	90
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	87





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Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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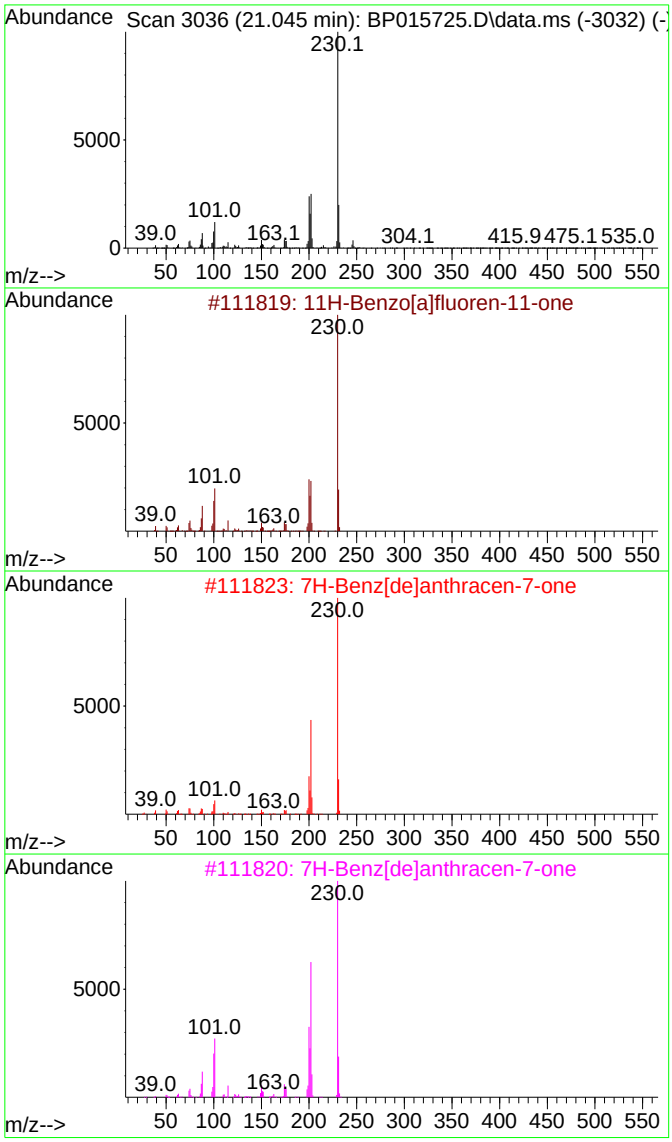
Quant Title : SVOA CALIBRATION

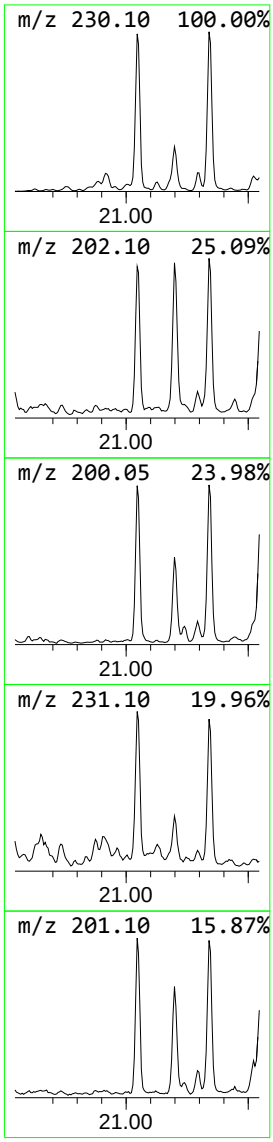
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.93 ng/ul	1982290	Chrysene-d12	21.568

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	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





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Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

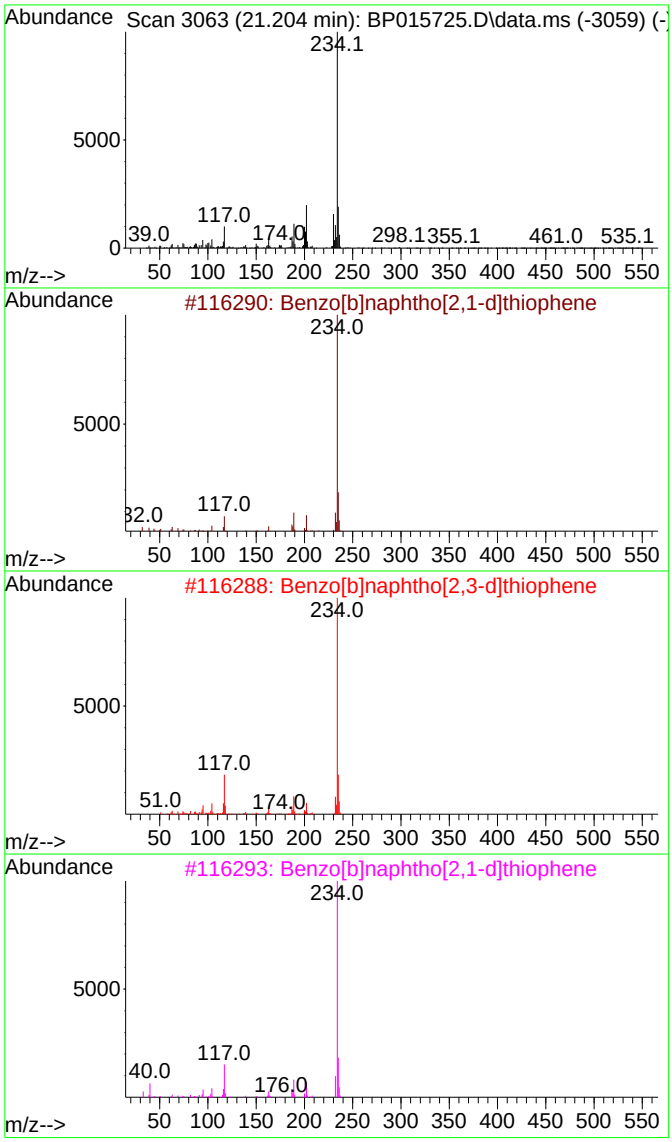
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

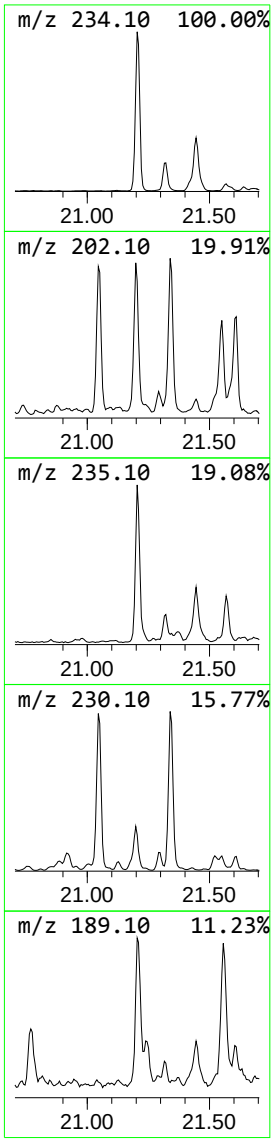
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.204	3.18 ng/ul	2149870	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76





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Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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

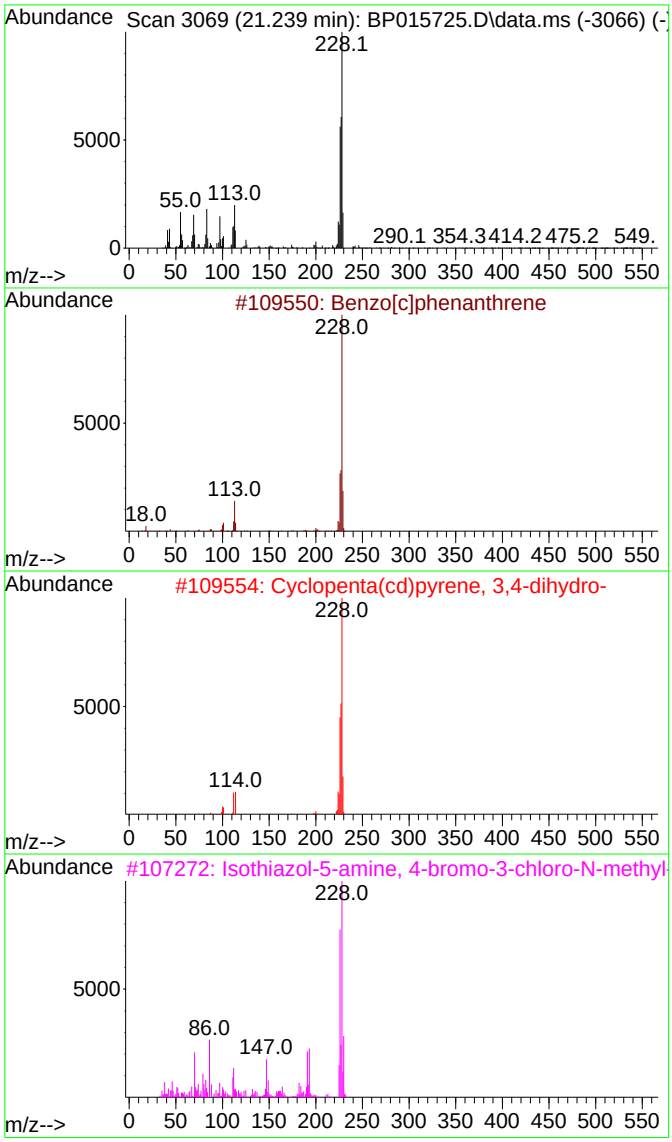
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

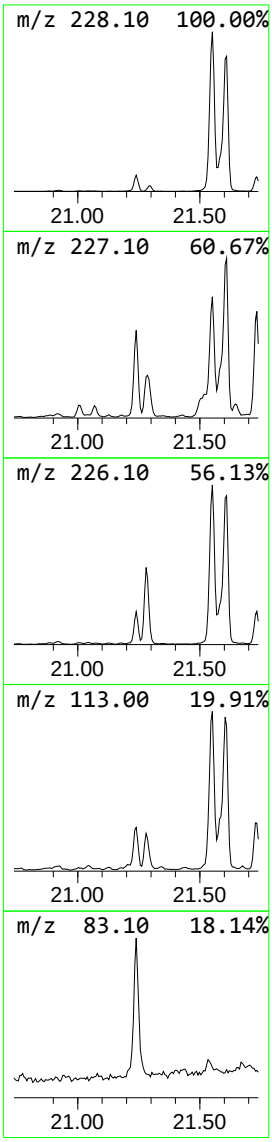
****

Peak Number 22 Benzo[c]phenanthrene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.239	2.50 ng/ul	1692540	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	70
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	58
4	Chrysene	228	C18H12	000218-01-9	49
5	Triphenylene	228	C18H12	000217-59-4	49





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Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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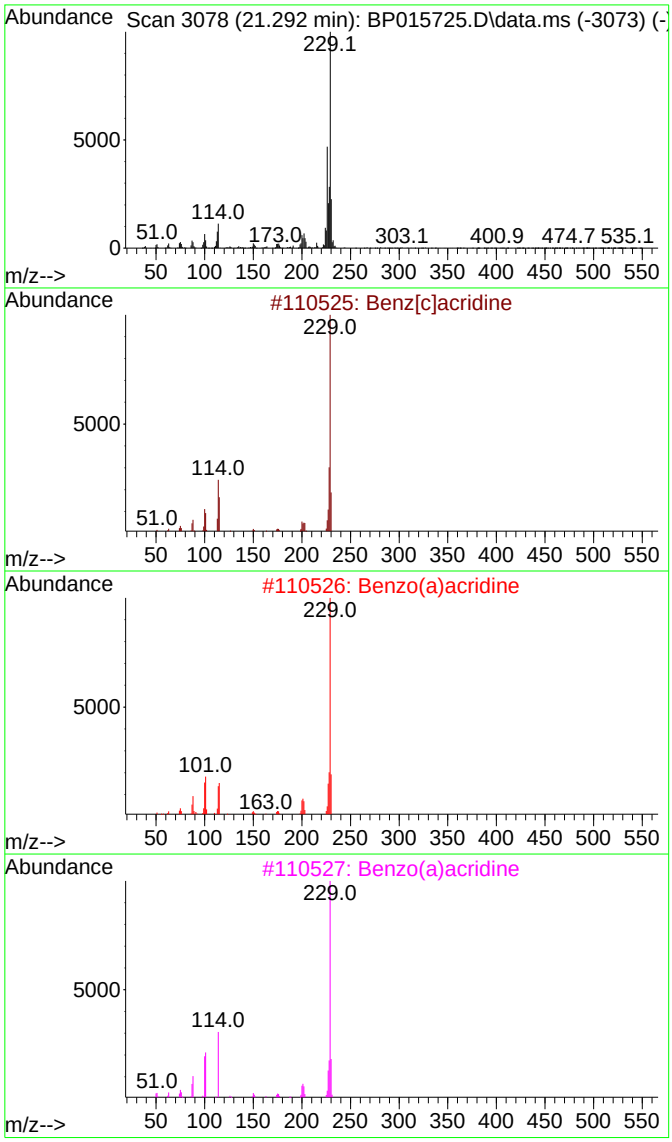
Quant Title : SVOA CALIBRATION

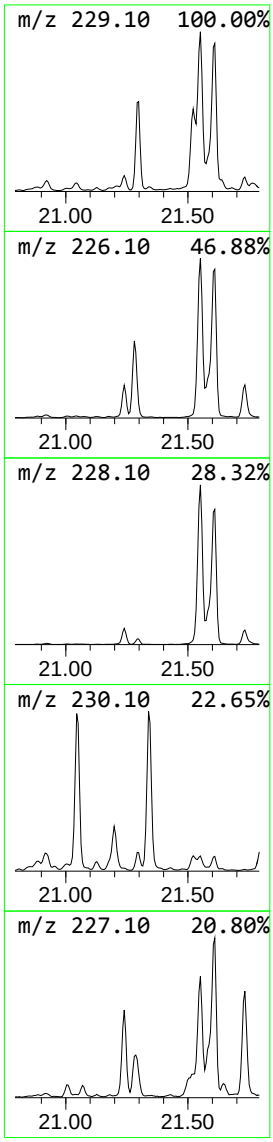
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benz[c]acridine Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.292	2.34 ng/ul	1585360	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	86
2	Benzo(a)acridine	229	C17H11N	000225-11-6	58
3	Benzo(a)acridine	229	C17H11N	000225-11-6	55
4	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	52
5	Thiazole, 2-amino-4-(1H-indol-3-...	229	C12H11N3S	1000304-18-3	47





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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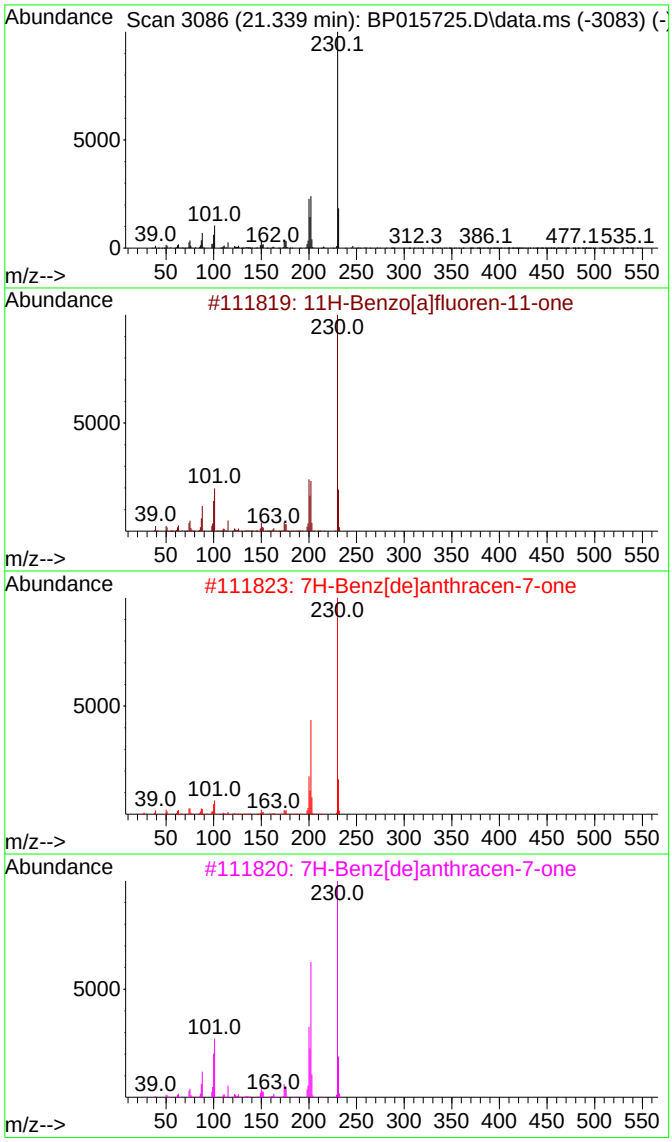
Quant Title : SVOA CALIBRATION

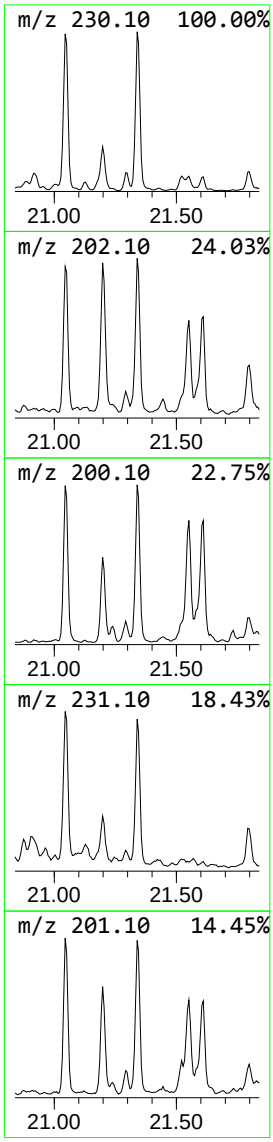
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 7H-Benz[de]anthracen-7-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	2.88 ng/ul	1946220	Chrysene-d12	21.568

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	87
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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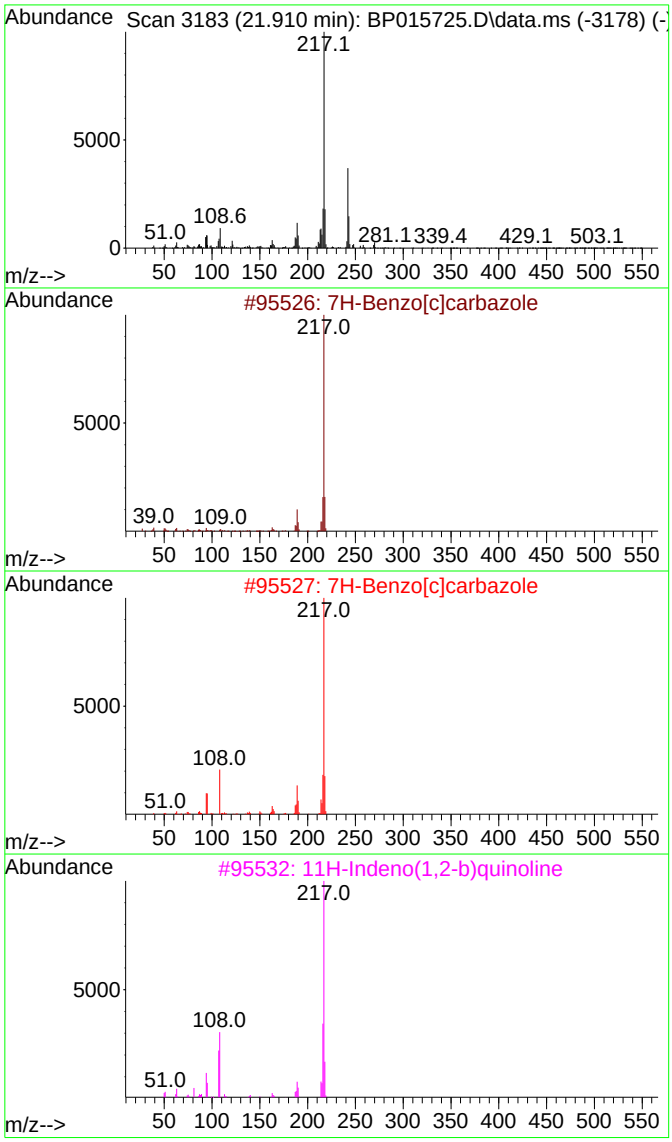
Quant Title : SVOA CALIBRATION

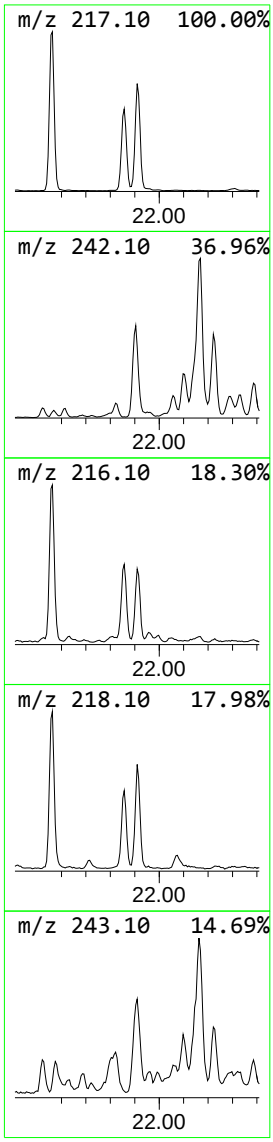
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 7H-Benzo[c]carbazole Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.910	2.44 ng/ul	1650760	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	93
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	93
3	11H-Indeno(1,2-b)quinoline	217	C16H11N	000243-51-6	86
4	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	83
5	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	83





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Quant Title : SVOA CALIBRATION

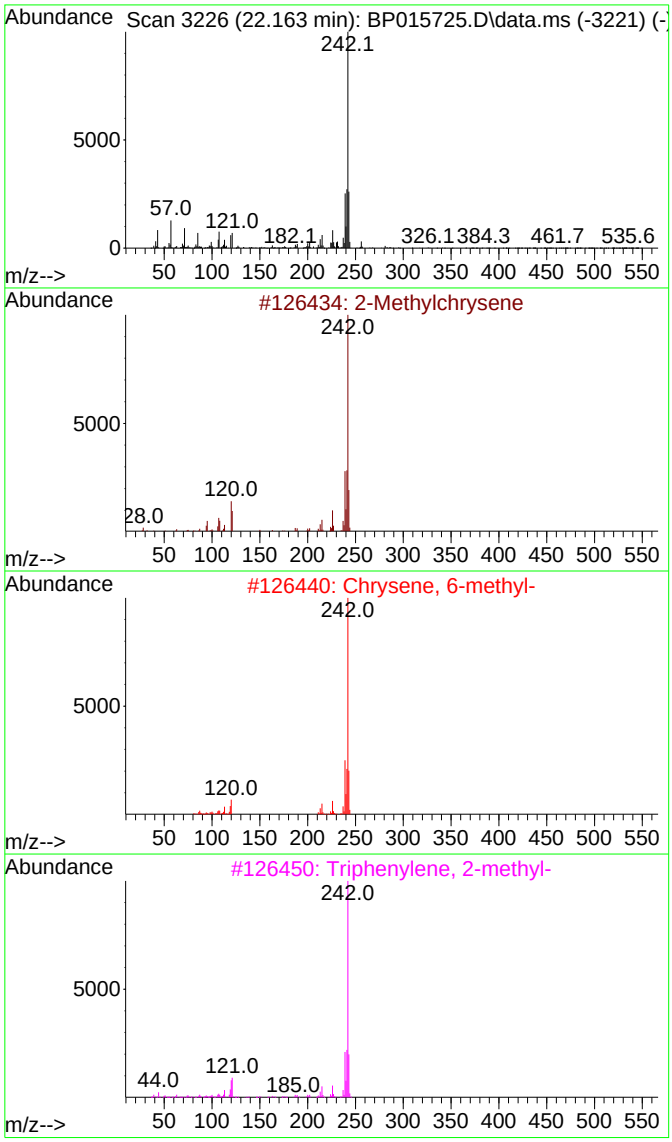
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

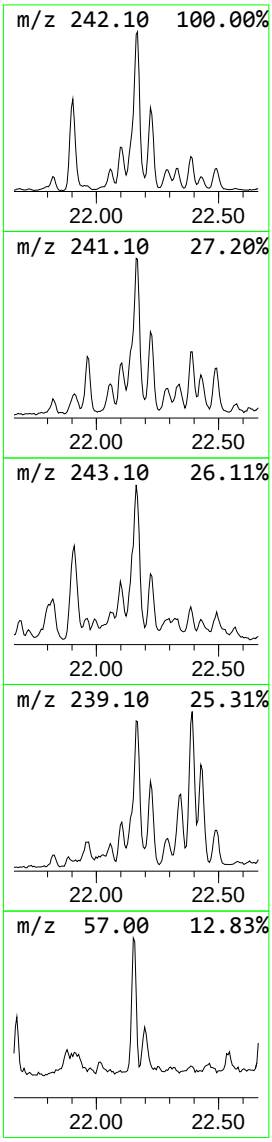
****

Peak Number 26 2-Methylchrysene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.163	2.34 ng/ul	1583460	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	96
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	95
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93





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Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

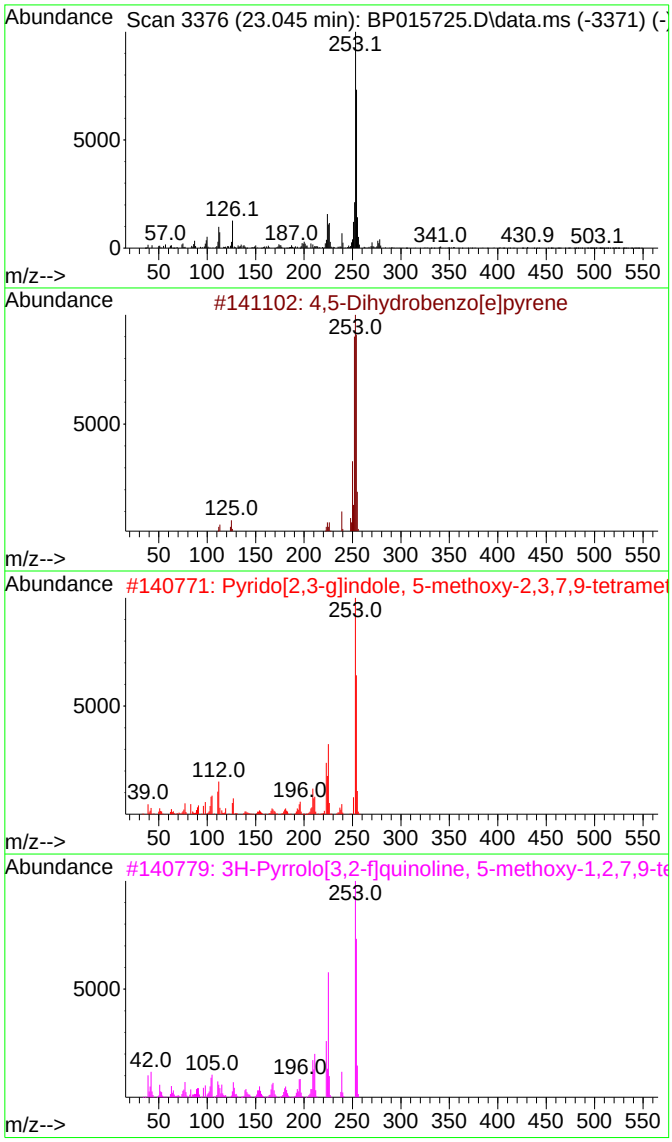
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

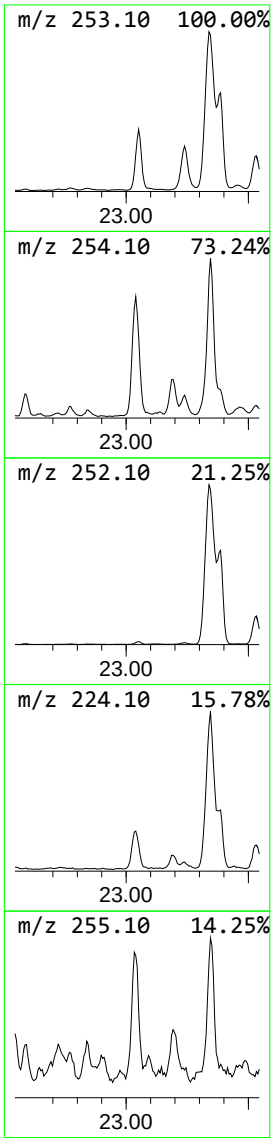
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 4,5-Dihydrobenzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.045	8.92 ng/ul	1095960	Perylene-d12	24.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	83
2	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	72
3	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	72
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

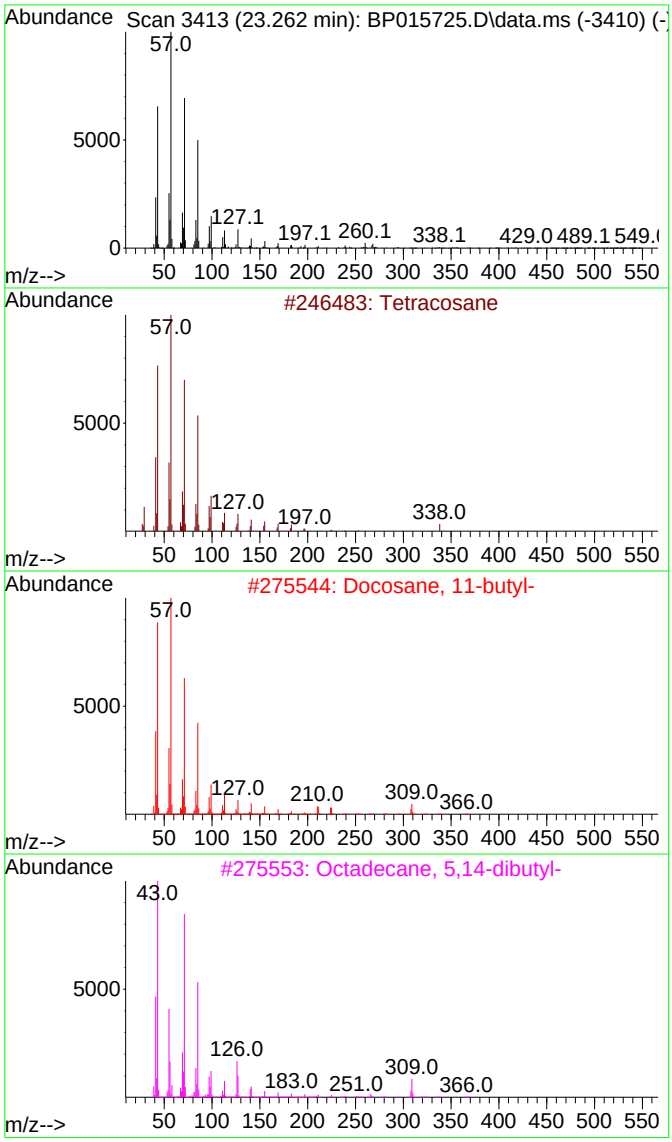
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

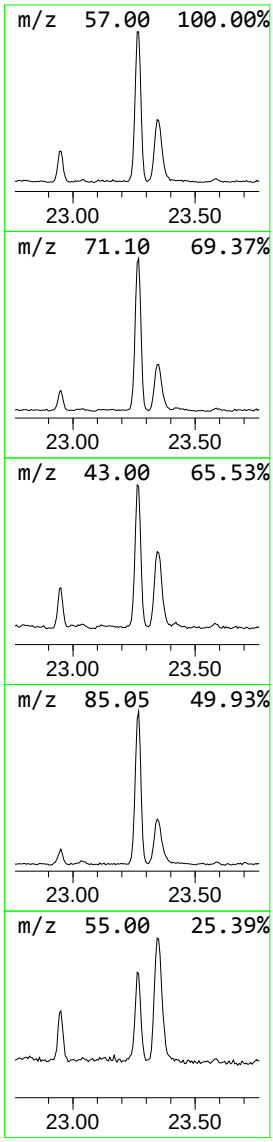
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.262	11.29 ng/ul	1386980	Perylene-d12	24.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	92
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

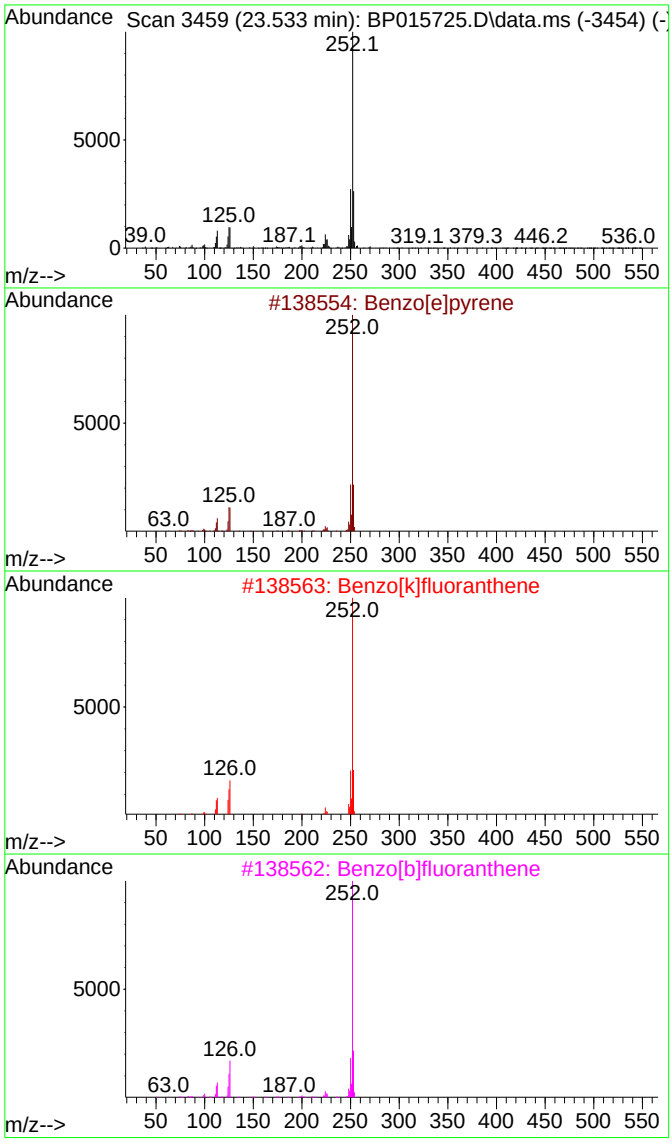
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

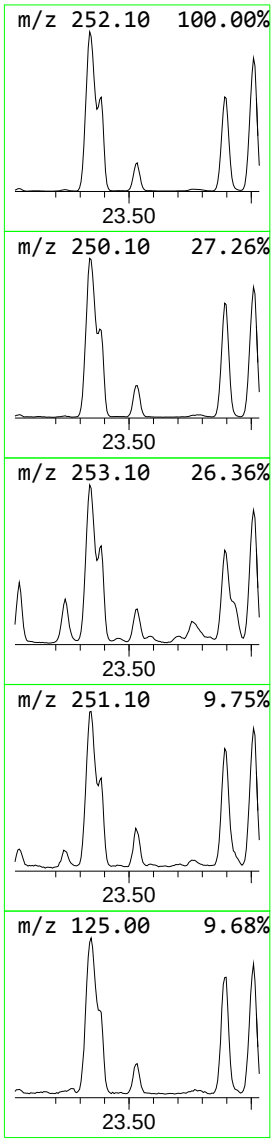
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.533	9.77 ng/ul	1199820	Perylene-d12	24.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

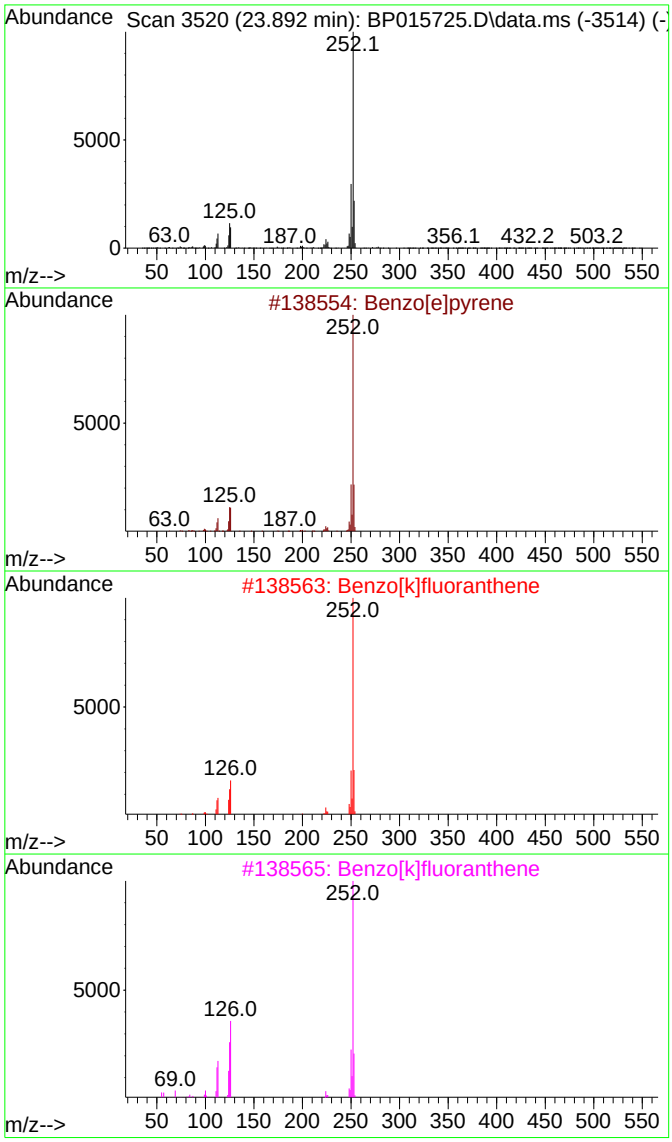
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

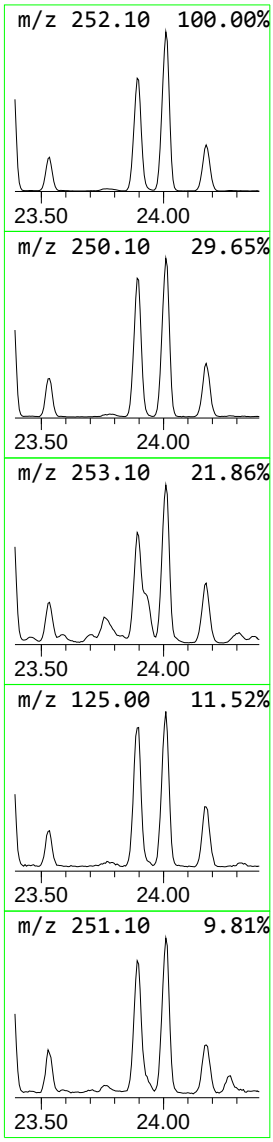
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.892	40.08 ng/ul	4921460	Perylene-d12	24.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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

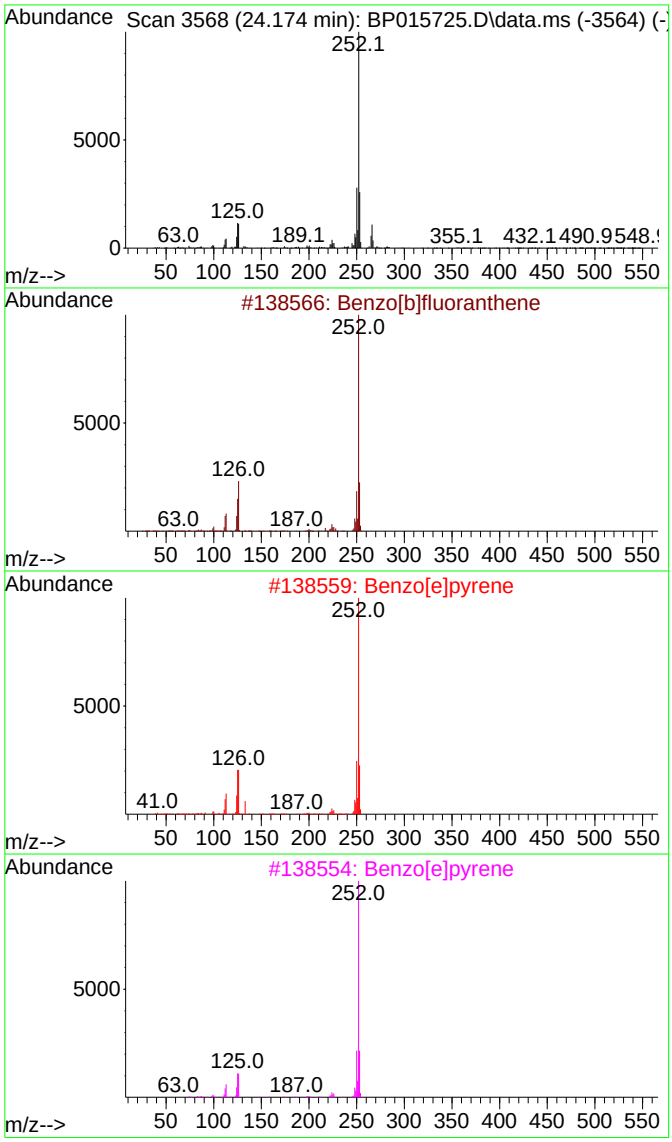
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

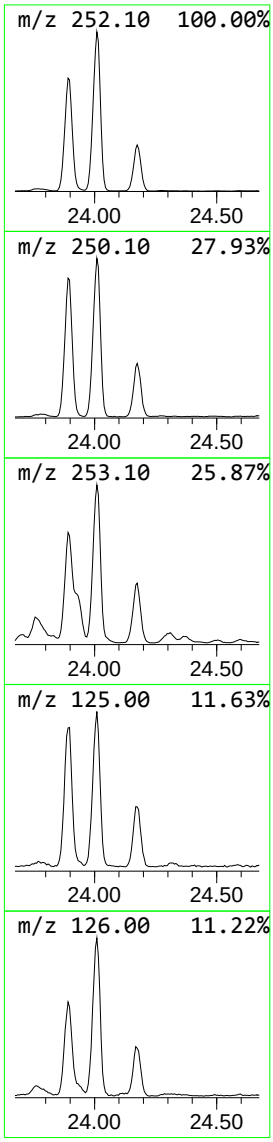
****

Peak Number 31 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.174	20.30 ng/ul	2493020	Perylene-d12	24.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[e]pyrene	252	C20H12	000192-97-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

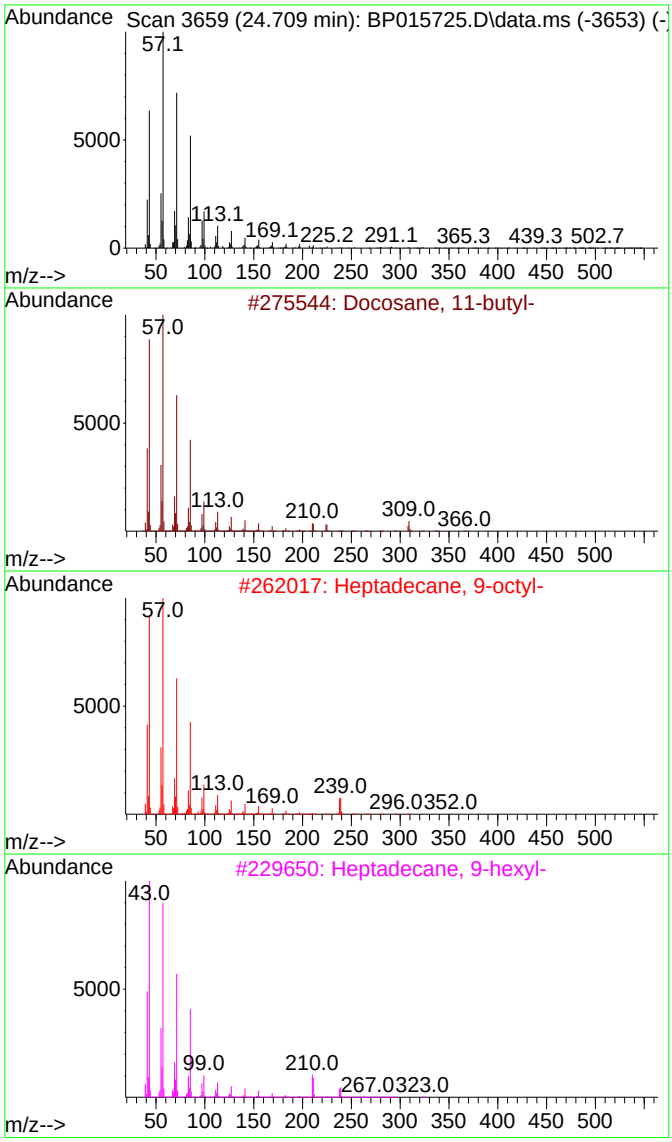
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

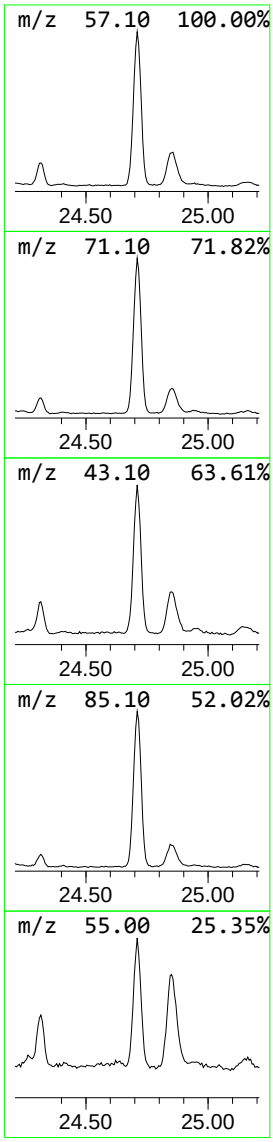
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.709	20.32 ng/ul	2495400	Perylene-d12	24.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

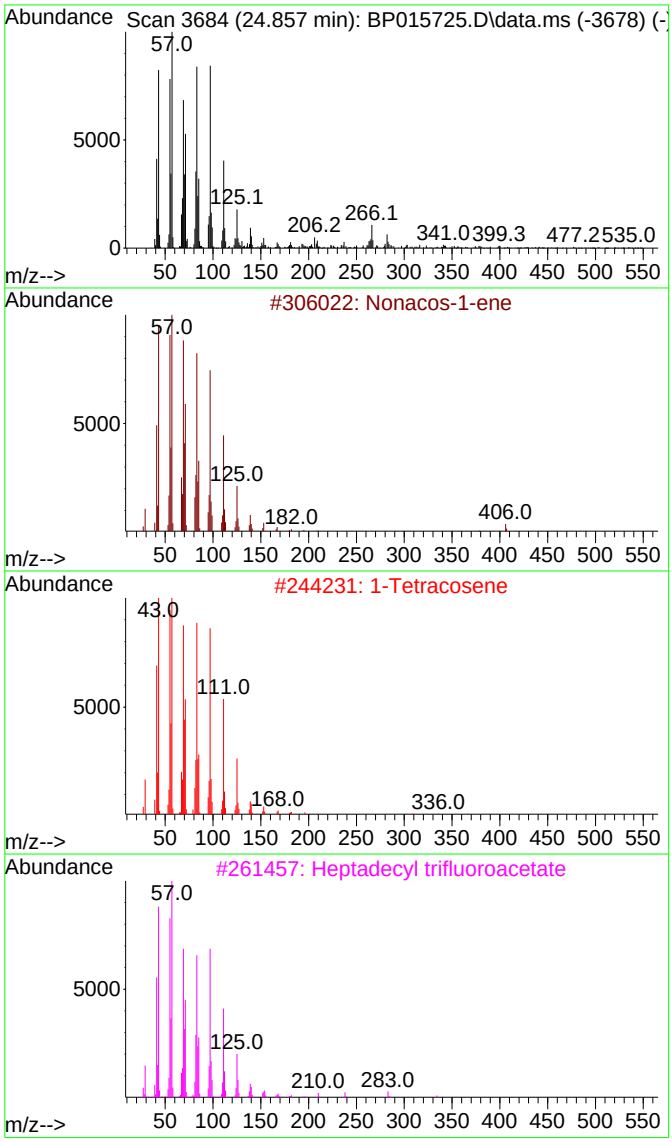
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

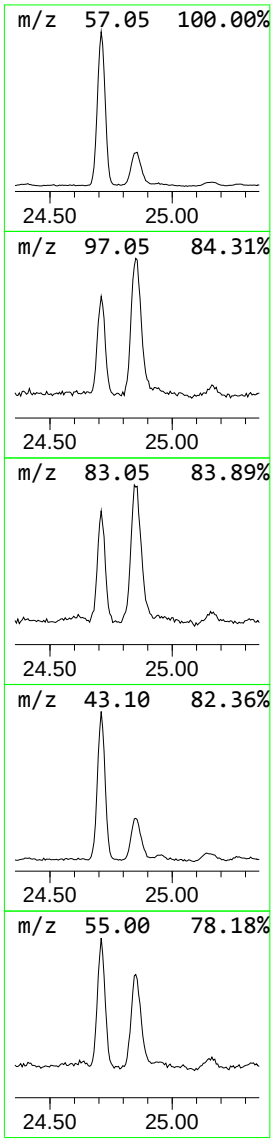
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.857	9.23 ng/ul	1133170	Perylene-d12	24.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	95
2	1-Tetracosene	336	C24H48	010192-32-2	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

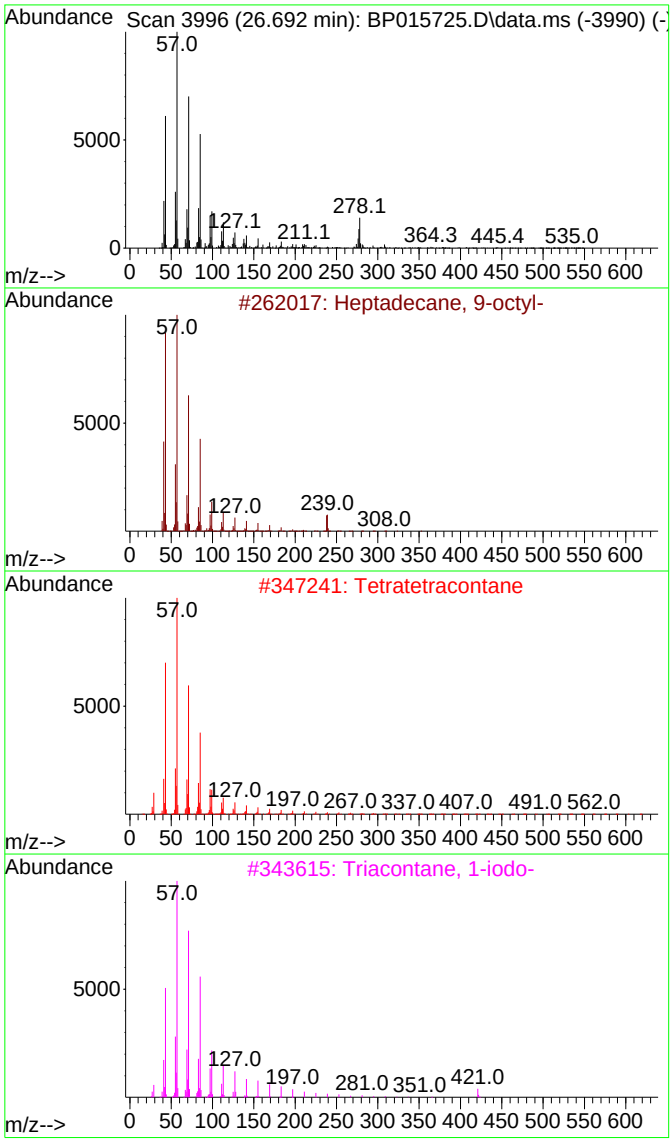
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

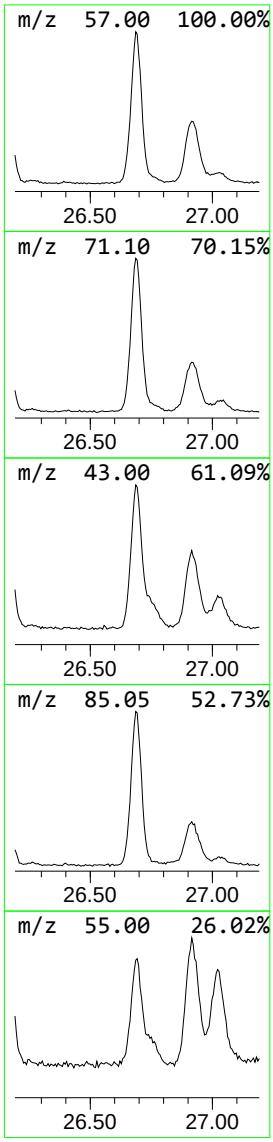
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.692	13.70 ng/ul	1682730	Perylene-d12	24.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Tetratetracontane	619	C44H90	007098-22-8	93
3	Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	87
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015725.D
Acq On : 26 Jun 2023 21:16
Operator : MA/JU
Sample : 03083-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0

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
Diben zofuran	15.116	4.2	ng/ul	362767	3	14.710	1725740	20.0
Benzophenone	16.075	8.7	ng/ul	753602	3	14.710	1725740	20.0
9H-Fluoren-9-one	17.133	5.2	ng/ul	531982	4	17.474	2036700	20.0
Dibenzothiophene	17.292	3.6	ng/ul	369842	4	17.474	2036700	20.0
Carba zole	17.880	15.9	ng/ul	1616060	4	17.474	2036700	20.0
9-anthracenol	18.057	2.0	ng/ul	206036	4	17.474	2036700	20.0
Anthrone	18.275	2.3	ng/ul	237552	4	17.474	2036700	20.0
Phenanthrene, 2...	18.333	23.3	ng/ul	2377060	4	17.474	2036700	20.0
Anthracene, 2-m...	18.380	12.3	ng/ul	1253780	4	17.474	2036700	20.0
Phenanthrene, 1...	18.463	3.7	ng/ul	372591	4	17.474	2036700	20.0
4H-Cyclopenta[d...	18.522	14.8	ng/ul	1503530	4	17.474	2036700	20.0
1H-Cyclopropa[l...	18.557	4.0	ng/ul	408392	4	17.474	2036700	20.0
Naphthalene, 2-...	18.810	5.9	ng/ul	604186	4	17.474	2036700	20.0
9,10-Anthracene...	18.869	7.2	ng/ul	730454	4	17.474	2036700	20.0
9,10-Dimethylan...	19.210	5.5	ng/ul	564924	4	17.474	2036700	20.0
Naphthalic anhy...	19.269	3.8	ng/ul	387284	4	17.474	2036700	20.0
Naphthalene, 1,...	19.310	2.6	ng/ul	263819	4	17.474	2036700	20.0
Cyclopenta(def)...	19.369	7.8	ng/ul	796105	4	17.474	2036700	20.0
9,12-Octadecadi...	19.416	2.9	ng/ul	293481	4	17.474	2036700	20.0
11H-Benzo[a]flu...	21.045	2.9	ng/ul	1982290	5	21.568	13526200	20.0
Benzo[b]naphtho...	21.204	3.2	ng/ul	2149870	5	21.568	13526200	20.0
Benzo[c]phenant...	21.239	2.5	ng/ul	1692540	5	21.568	13526200	20.0
Benz[c]acridine	21.292	2.3	ng/ul	1585360	5	21.568	13526200	20.0
7H-Benz[de]anth...	21.339	2.9	ng/ul	1946220	5	21.568	13526200	20.0
7H-Benzo[c]carb...	21.910	2.4	ng/ul	1650760	5	21.568	13526200	20.0
2-Methylchrysene	22.163	2.3	ng/ul	1583460	5	21.568	13526200	20.0
4,5-Dihydrobenz...	23.045	8.9	ng/ul	1095960	6	24.115	2456010	20.0
(DEL) Alkane: S...	23.262	11.3	ng/ul	1386980	6	24.115	2456010	20.0
Benzo[e]pyrene	23.533	9.8	ng/ul	1199820	6	24.115	2456010	20.0
Perylene	23.892	40.1	ng/ul	4921460	6	24.115	2456010	20.0
Benzo[j]fluoran...	24.174	20.3	ng/ul	2493020	6	24.115	2456010	20.0
(DEL) Alkane: S...	24.709	20.3	ng/ul	2495400	6	24.115	2456010	20.0
(DEL) Alkane: S...	24.857	9.2	ng/ul	1133170	6	24.115	2456010	20.0
(DEL) Alkane: S...	26.692	13.7	ng/ul	1682730	6	24.115	2456010	20.0