LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCKG6

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-BP110623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017978.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.022	664	669	690	rBV2	103987	271295	4.39%	0.469%
2	7.205	694	700	710	rBV	85638	149101	2.42%	0.258%
3	7.375	723	729	740	rBV	117468	202681	3.28%	0.350%
4	7.852	803	810	822	rBV	309650	492897	7.98%	0.852%
5	8.205	861	870	877	rBV	22256	40191	0.65%	0.069%
6	8.381	892	900	908	rBV	23637	46431	0.75%	0.080%
7	8.581	927	934	948	rBV	94628	206120	3.34%	0.356%
8	8.711	948	956	972	rVB	215261	384171	6.22%	0.664%
9	9.058	1007	1015	1024	rBV	113317	200221	3.24%	0.346%
10	9.769	1130	1136	1149	rBV2	91406	172142	2.79%	0.298%
11	9.940	1159	1165	1178	rBV	30353	86858	1.41%	0.150%
12	10.140	1194	1199	1207	rBV2	22440	40244	0.65%	0.070%
13	10.305	1220	1227	1238	rBV	112237	243864	3.95%	0.422%
14	10.663	1282	1288	1293	rBV	417540	694083	11.24%	1.200%
15	10.716	1293	1297	1308	rVB	163086	280237	4.54%	0.484%
16	10.857	1314	1321	1333	rBV3	40376	100320	1.62%	0.173%
17	12.328	1565	1571	1583	rVB	136378	218871	3.55%	0.378%
18	12.552	1603	1609	1615	rVB	34714	54174	0.88%	0.094%
19	13.351	1739	1745	1753	rBV2	147382	252453	4.09%	0.436%
20	13.828	1820	1826	1832	rBV4	19149	41635	0.67%	0.072%
21	13.934	1838	1844	1854	rVB	308082	441555	7.15%	0.763%
22	14.063	1861	1866	1877	rVB2	42417	73135	1.18%	0.126%
23	14.210	1881	1891	1896	rBV	313380	542119	8.78%	0.937%
24	14.340	1909	1913	1922	rVB5	23795	39841	0.65%	0.069%
25	14.516	1933	1943	1949	rBV	628631	979979	15.87%	1.694%
26	14.581	1949	1954	1961	rVB	156961	232921	3.77%	0.403%
27	14.798	1985	1991	2000	rBV4	32076	107636	1.74%	0.186%
28	14.916	2005	2011	2017	rVV	299410	459999	7.45%	0.795%
29	14.981	2019	2022	2032	rVB8	21106	43694	0.71%	0.076%
30	15.510	2104	2112	2117	rBV	437011	637810	10.33%	1.103%
31	15.569	2117	2122	2131	rVV	712818	1017636	16.48%	1.759%
32	15.669	2133	2139	2146	rVV3	104892	216974	3.51%	0.375%
33	15.728	2146	2149	2154	rVV2	28265	44971	0.73%	0.078%
34	15.816	2160	2164	2167	rVV	44631	64314	1.04%	0.111%
35	15.857	2167	2171	2178	rVV	48666	71334	1.16%	0.123%
36	16.004	2190	2196	2205	rVV2	55888	143183	2.32%	0.248%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCKG6

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-BP110623.MA.M
Title : SVOA CALIBRATION

37	16.169	2219	2224	2227	rBV	51665	78682	1.27%	0.136%
38	16.204	2227	2230	2239	rVB5	27293	43391	0.70%	0.075%
39	16.281	2239	2243	2248	rBV2	30765	45647	0.74%	0.079%
40	16.575	2282	2293	2297	rBV	55257	120763	1.96%	0.209%
41	16.622	2297	2301	2307	rVV2	24926	43379	0.70%	0.075%
42	16.792	2327	2330	2334	rVV3	30632	46950	0.76%	0.081%
43	16.834	2334	2337	2340	rVV2	30509	44334	0.72%	0.077%
44	16.957	2354	2358	2362	rVV2	51591	94859	1.54%	0.164%
45	16.998	2362	2365	2375	rVB4	50816	105679	1.71%	0.183%
46	17.104	2378	2383	2388	rBV	120859	175516	2.84%	0.303%
47	17.287	2408	2414	2417	rVV	775519	1106703	17.93%	1.913%
48	17.334	2417	2422	2427	rVV	2212722	3085875	49.98%	5.334%
49	17.387	2427	2431	2433	rVV	444912	609964	9.88%	1.054%
50	17.428	2433	2438	2446	rVV	4511847	6173885	100.00%	10.672%
51	17.498	2446	2450	2457	rVV	84407	135816	2.20%	0.235%
52	17.575	2459	2463	2469	rVV	53658	80228	1.30%	0.139%
53	17.716	2478	2487	2495	rBV	1100737	1557797	25.23%	2.693%
54	17.804	2498	2502	2509	rVB2	63697	89595	1.45%	0.155%
55	18.151	2554	2561	2565	rBV3	181884	383256	6.21%	0.662%
56	18.198	2565	2569	2578	rVB	190143	285401	4.62%	0.493%
57	18.281	2578	2583	2588	rBV	182376	241657	3.91%	0.418%
58	18.345	2588	2594	2598	rBV2	378735	627019	10.16%	1.084%
59	18.463	2609	2614	2618	rBV4	47759	84679	1.37%	0.146%
60	18.510	2618	2622	2626	rVV2	60725	98634	1.60%	0.170%
61	18.557	2627	2630	2634	rVB	45621	67605	1.10%	0.117%
62	18.639	2640	2644	2648	rVB	208167	244960	3.97%	0.423%
63	18.710	2652	2656	2658	rVV	92190	105704	1.71%	0.183%
64	18.839	2675	2678	2681	rBV2	85556	89112	1.44%	0.154%
65	18.875	2681	2684	2688	rBV3	29938	37747	0.61%	0.065%
66	18.916	2689	2691	2694	rVB	47646	52427	0.85%	0.091%
67	18.957	2695	2698	2702	rBV3	116199	170844	2.77%	0.295%
68	19.034	2708	2711	2716	rBV	96626	132827	2.15%	0.230%
69	19.198	2731	2739	2748	rBV	530343	922180	14.94%	1.594%
70	19.310	2752	2758	2765	rVB	3319152	4622781	74.88%	7.991%
71	19.545	2794	2798	2806	rVB2	163262	346675	5.62%	0.599%
72	19.633	2807	2813	2815	rBV3	1069539	1703448	27.59%	2.945%
73	19.669	2815	2819	2825	rVV	3032238	3911030	63.35%	6.761%
74	19.728	2825	2829	2834	rVB2	133158	196810	3.19%	0.340%
75	19.839	2844	2848	2852	rBV	282780	335275	5.43%	0.580%
76	19.916	2858	2861	2865	rVB	145940	175662	2.85%	0.304%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCKG6

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-BP110623.MA.M
Title : SVOA CALIBRATION

77	19.969	2865	2870	2871	rBV2	202150	251475	4.07%	0.435%
78	20.045	2879	2883	2888	rBV2	105309	213923	3.46%	0.370%
79	20.145	2897	2900	2905	rVB	543598	682099	11.05%	1.179%
80	20.245	2912	2917	2920	rBV	527654	696892	11.29%	1.205%
81	20.281	2920	2923	2924	rBV2	113953	123471	2.00%	0.213%
82	20.333	2930	2932	2935	rVB	97350	90988	1.47%	0.157%
83	20.439	2946	2950	2954	rBV	285406	348407	5.64%	0.602%
84	20.486	2955	2958	2965	rVB2	165002	246356	3.99%	0.426%
85	20.892	3024	3027	3032	rVB	221820	277814	4.50%	0.480%
86	21.051	3050	3054	3057	rBV2	414589	601234	9.74%	1.039%
87	21.086	3057	3060	3064	rVV	414647	558359	9.04%	0.965%
88	21.128	3064	3067	3073	rVV2	311990	553813	8.97%	0.957%
89	21.192	3075	3078	3084	rVB	196993	254728	4.13%	0.440%
90	21.392	3104	3112	3118	rBV2	1968055	4435708	71.85%	7.668%
91	21.445	3118	3121	3126	rVB	1964028	2328364	37.71%	4.025%
92	21.563	3138	3141	3148	rVB	277989	363664	5.89%	0.629%
93	21.727	3163	3169	3172	rBV2	147695	323989	5.25%	0.560%
94	21.963	3206	3209	3210	rBV3	108029	121212	1.96%	0.210%
95	22.022	3215	3219	3227	rVB2	315338	727374	11.78%	1.257%
96	23.122	3399	3406	3411	rBV	1143244	2928183	47.43%	5.062%
97	23.663	3493	3498	3504	rBV	589706	1207678	19.56%	2.088%
98	23.722	3505	3508	3512	rVV2	329273	560504	9.08%	0.969%
99	23.774	3512	3517	3524	rVB	668646	1284115	20.80%	2.220%
100	23.886	3531	3536	3541	rBV	504824	900338	14.58%	1.556%

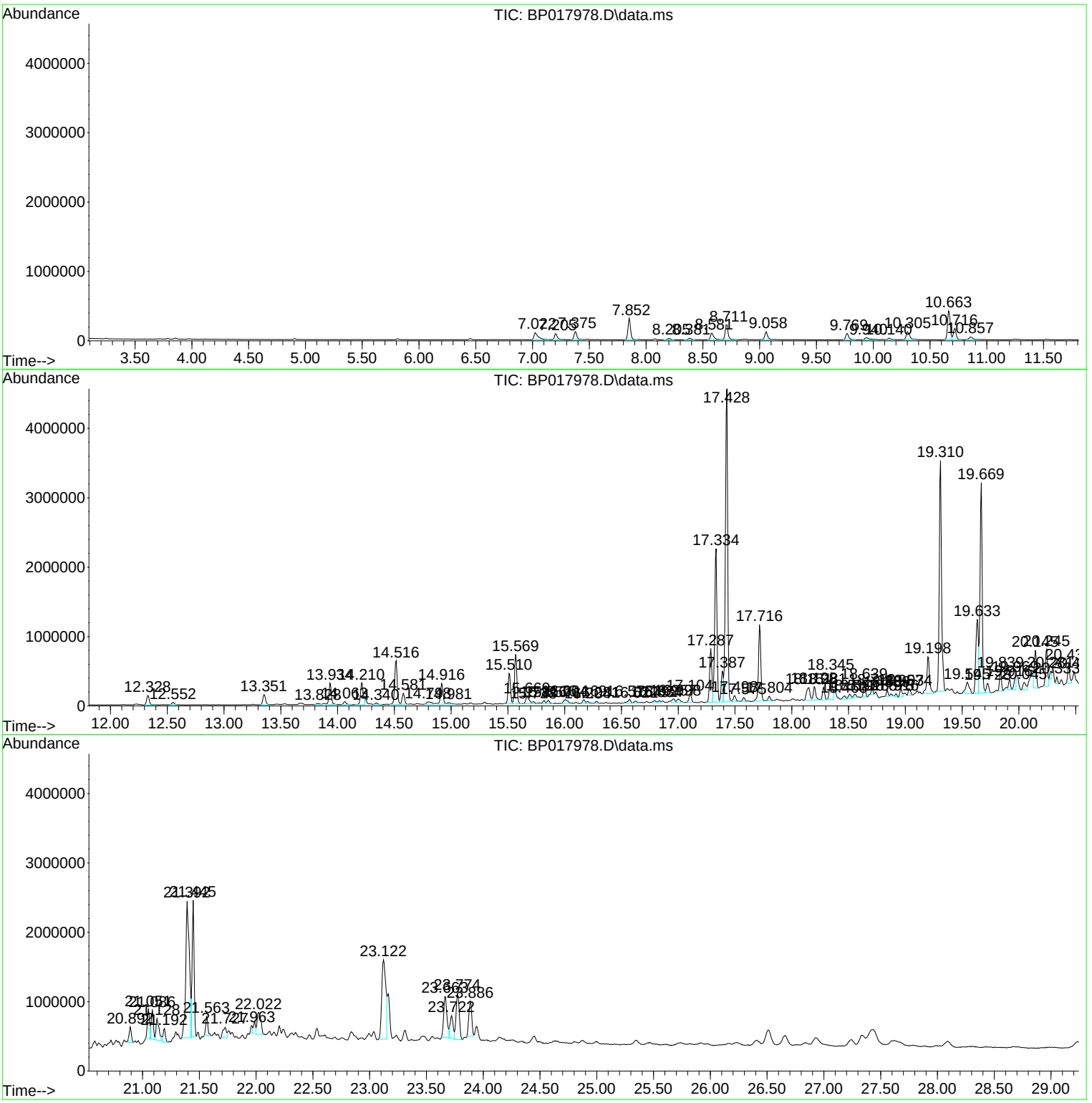
Sum of corrected areas: 57850574

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.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\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

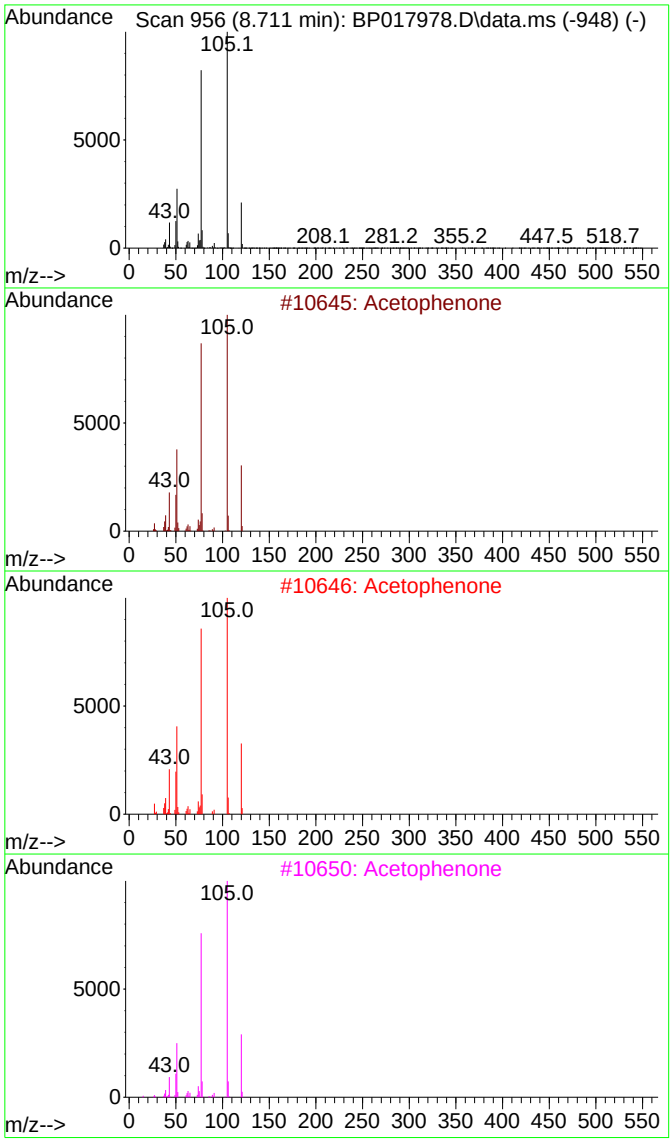
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

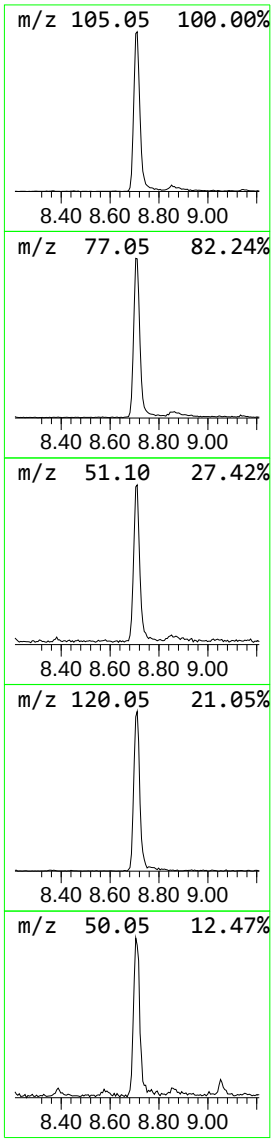
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.711	15.59 ng/ul	384171	1,4-Dichlorobenzene-d4	7.852

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	97
2	Acetophenone	120	C8H8O	000098-86-2	94
3	Acetophenone	120	C8H8O	000098-86-2	93
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Acetophenone	120	C8H8O	000098-86-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

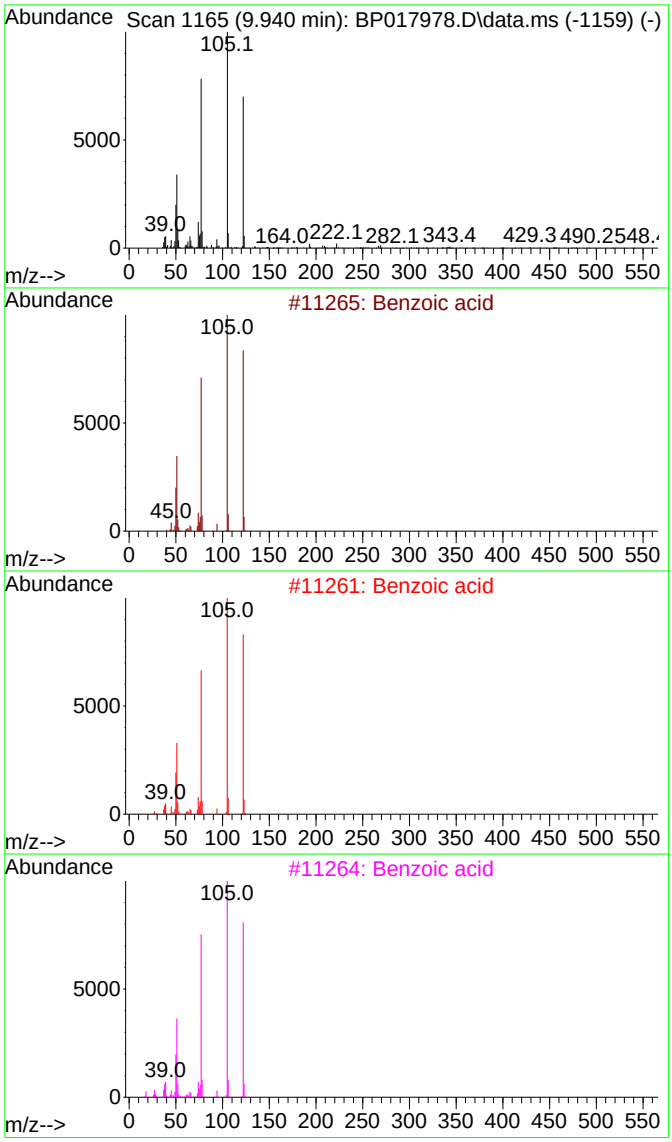
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

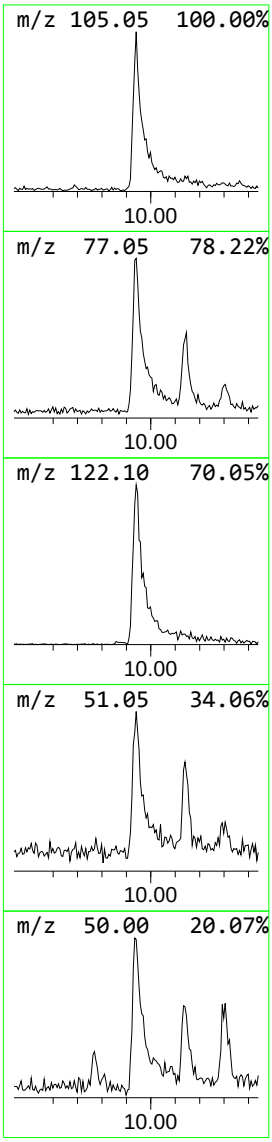
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.940	2.50 ng/ul	86858	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	95
2	Benzoic acid	122	C7H6O2	000065-85-0	94
3	Benzoic acid	122	C7H6O2	000065-85-0	94
4	Benzoic acid	122	C7H6O2	000065-85-0	87
5	Benzoic acid	122	C7H6O2	000065-85-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

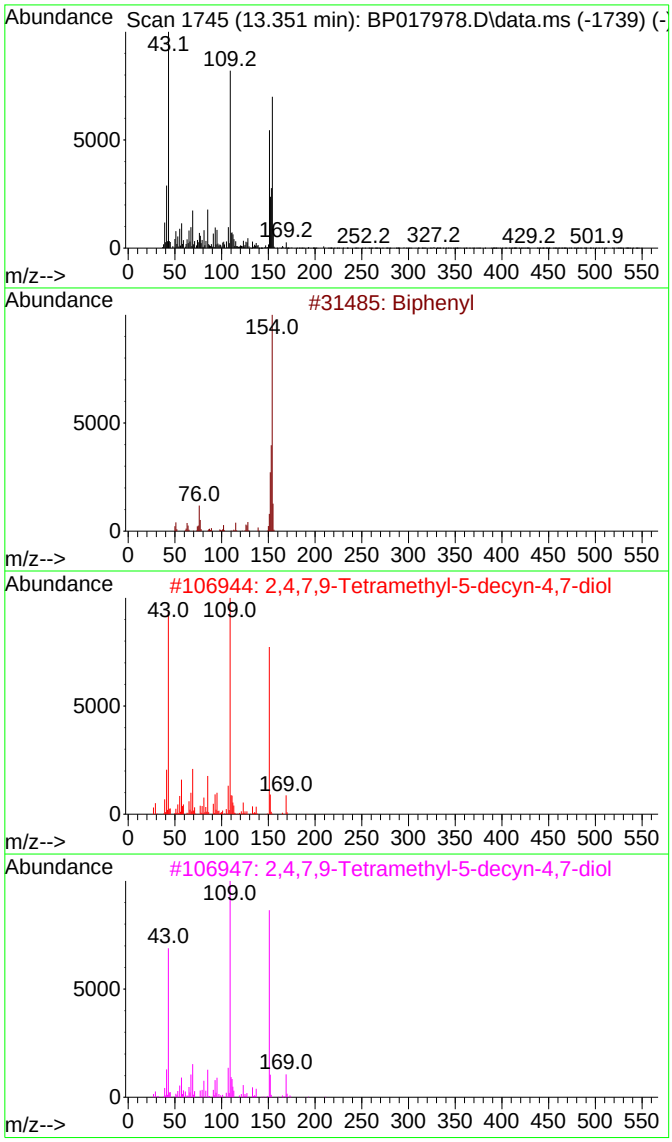
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

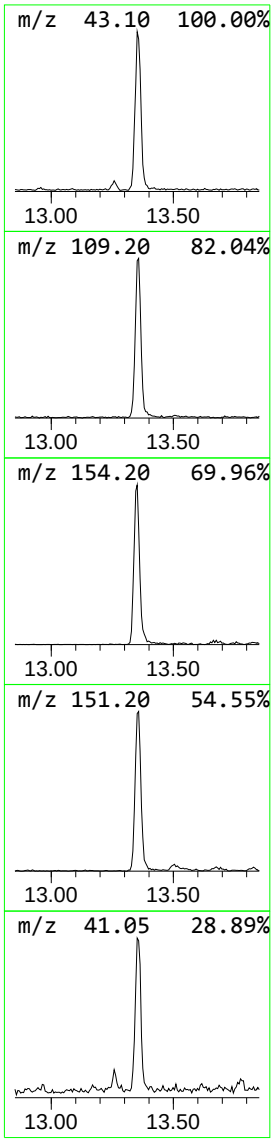
****

Peak Number 3 Biphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.352	5.15 ng/ul	252453	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	60
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53
3	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	49
4	Benzeneacetic acid, 4-fluoro-	154	C8H7FO2	000405-50-5	43
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

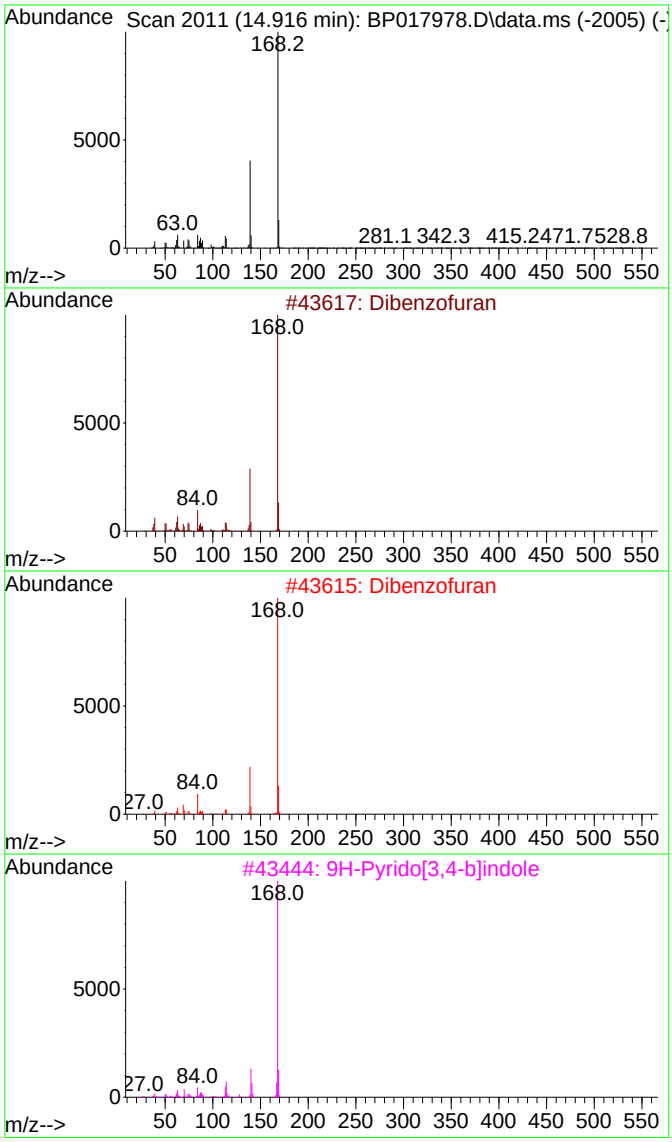
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

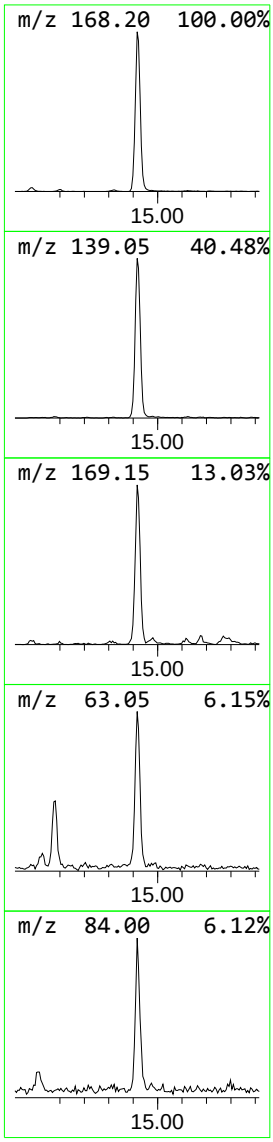
****

Peak Number 4 Diben zofuran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.916	9.39 ng/ul	459999	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	78
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	53
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	50
5	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

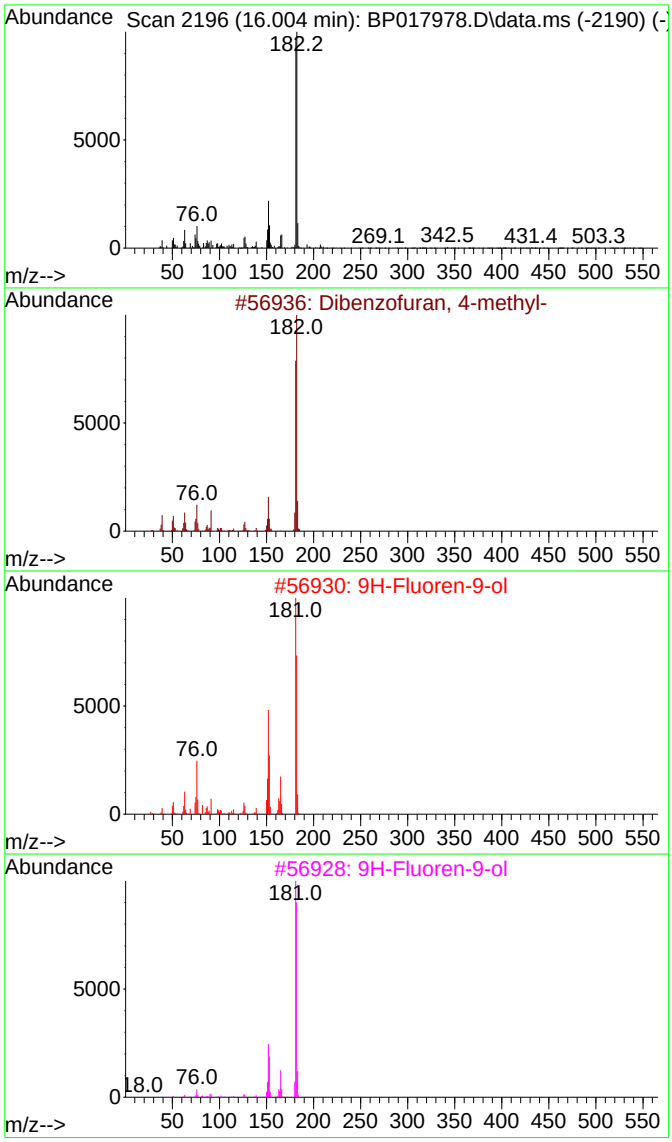
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

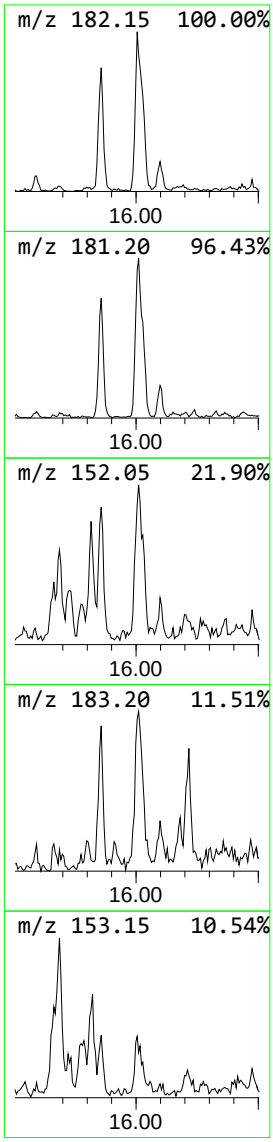
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.004	2.59 ng/ul	143183	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64





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Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

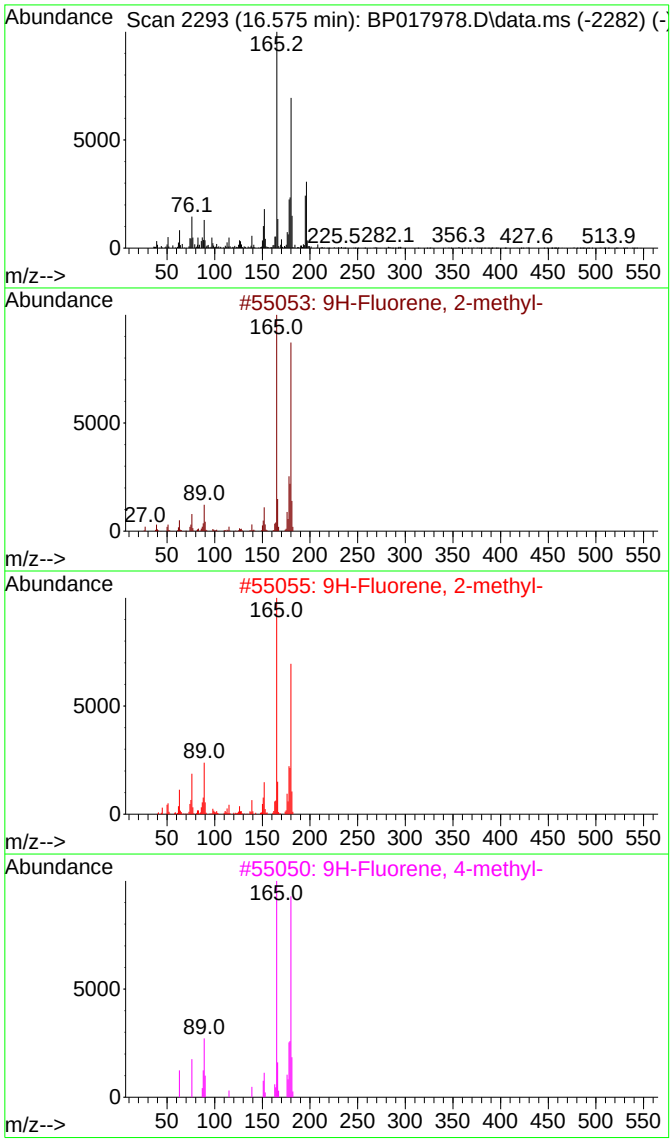
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

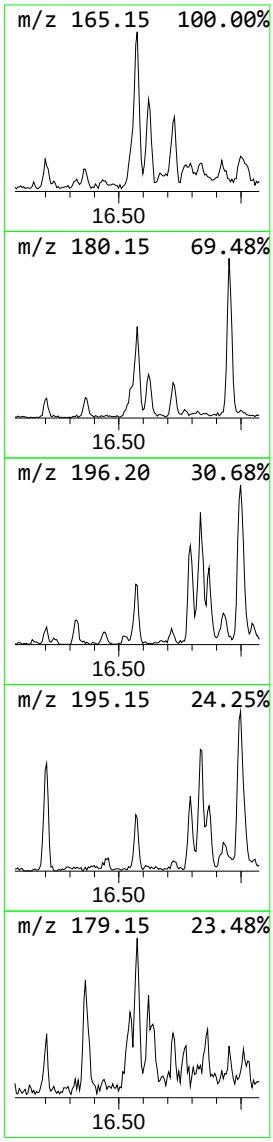
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.575	2.18 ng/ul	120763	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	92
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78





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Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

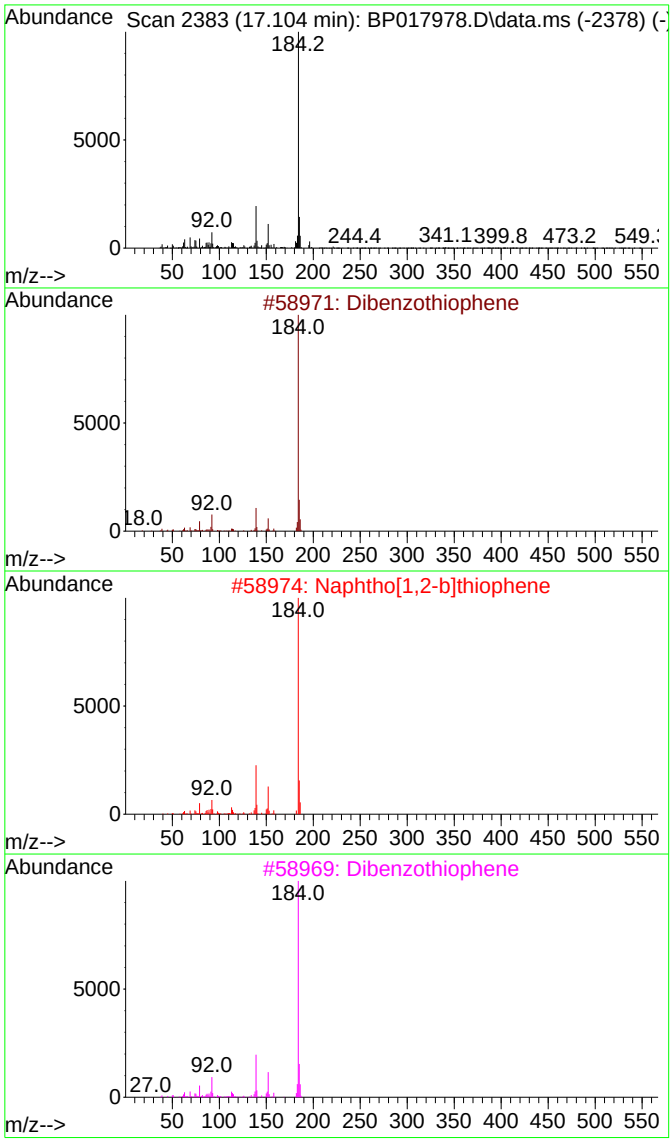
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

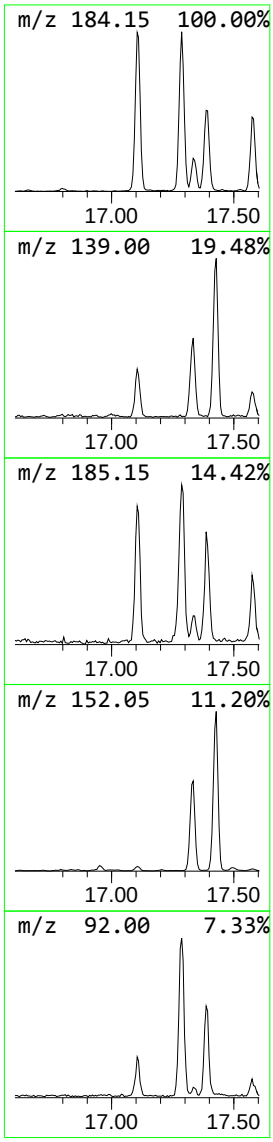
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	3.17 ng/ul	175516	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	97
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97





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Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

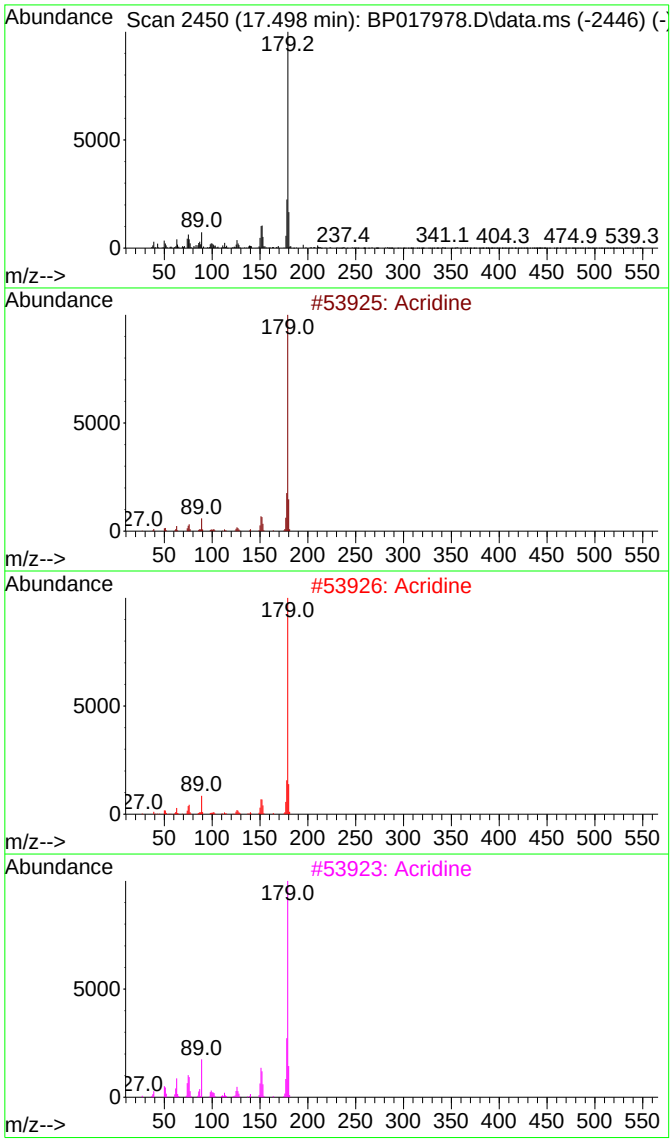
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

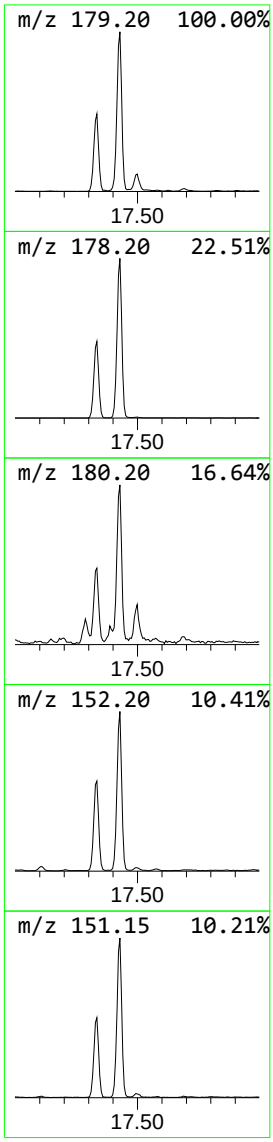
****

Peak Number 8 Acridine Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.498	2.45 ng/ul	135816	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	94
2	Acridine	179	C13H9N	000260-94-6	94
3	Acridine	179	C13H9N	000260-94-6	94
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	94
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	93





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Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

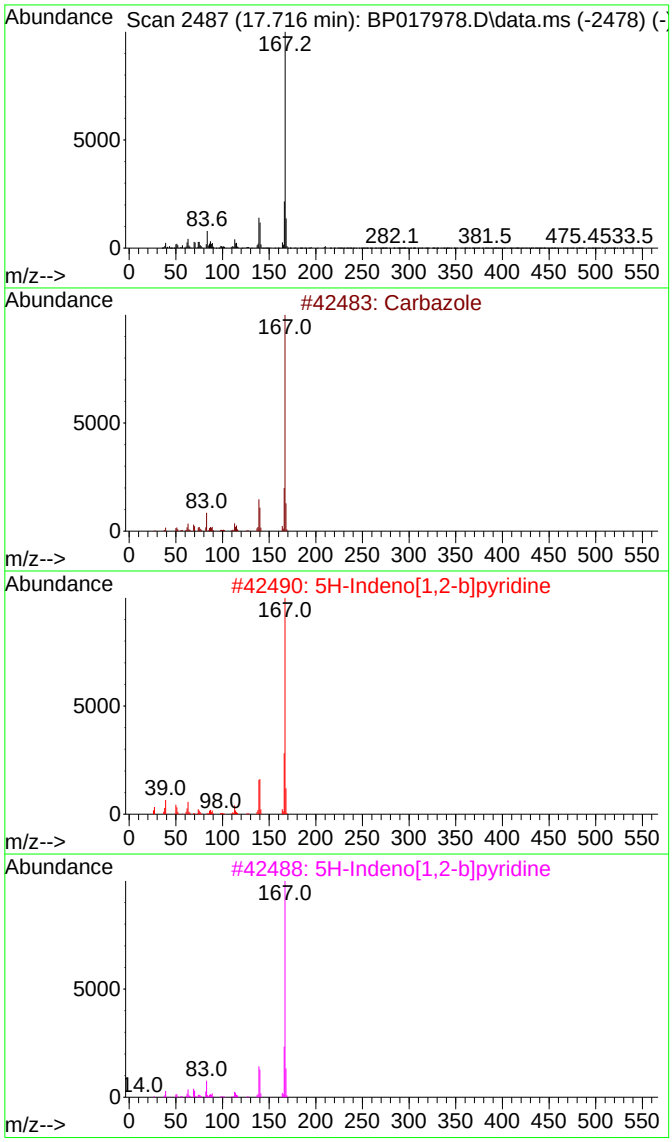
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

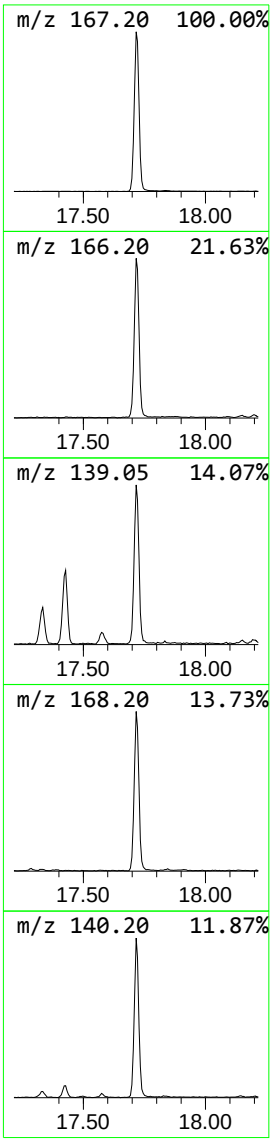
****

Peak Number 9 Carba zole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.716	28.15 ng/ul	1557800	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
4	Carbazole	167	C12H9N	000086-74-8	91
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	91





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Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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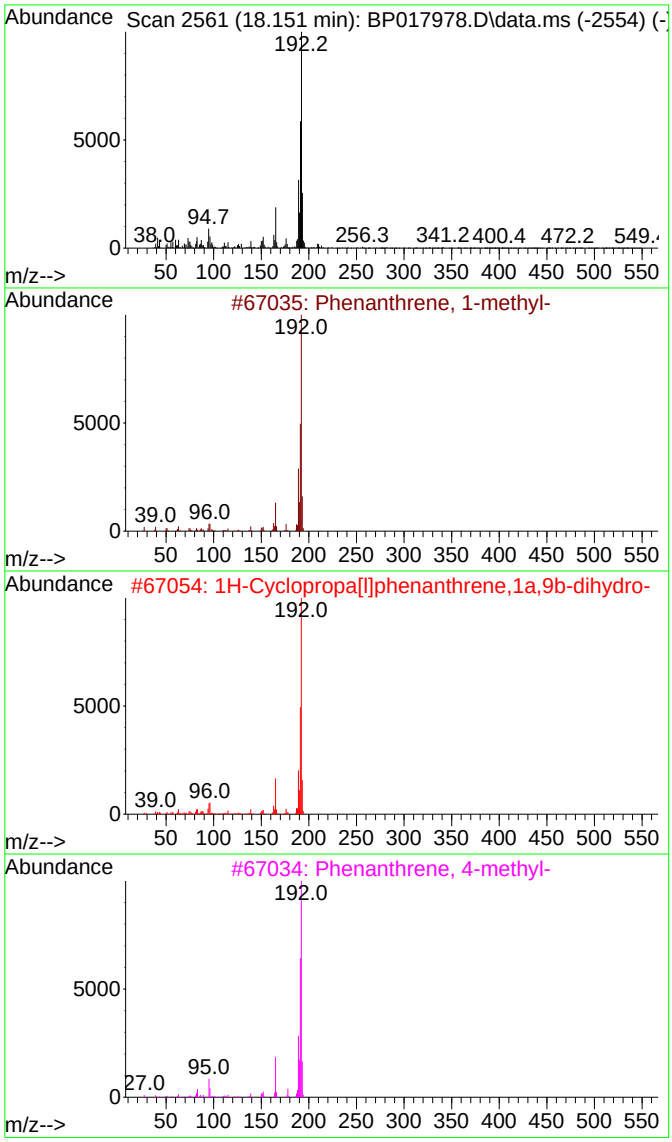
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

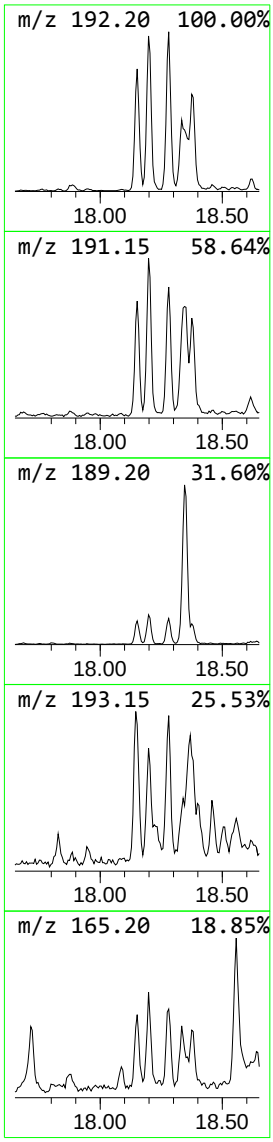
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	6.93 ng/ul	383256	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

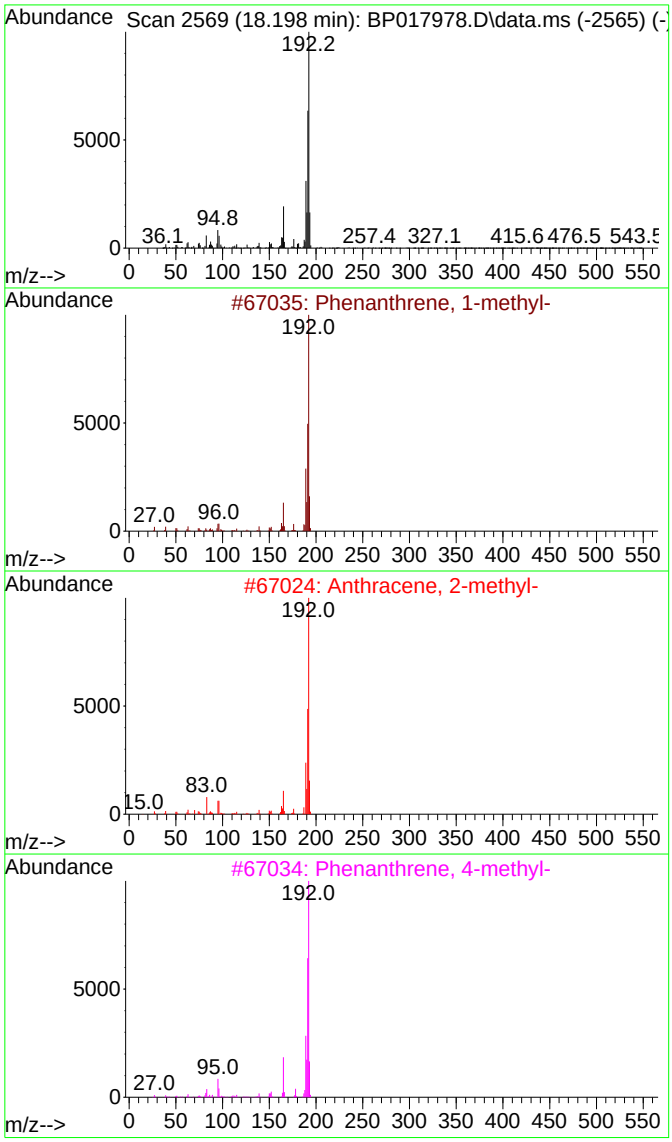
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

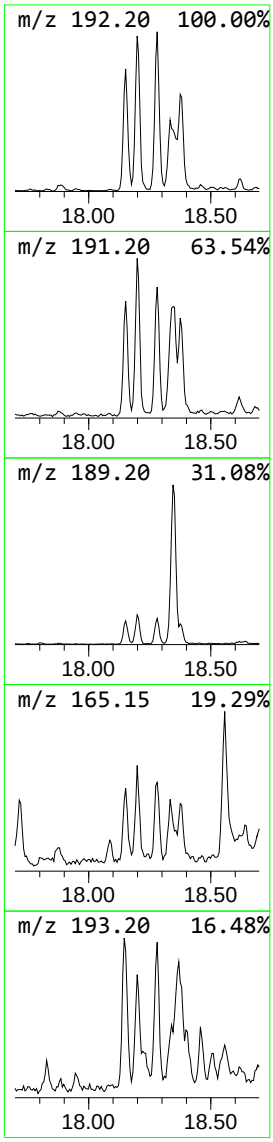
****

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	5.16 ng/ul	285401	Phenanthrene-d10	17.287

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, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

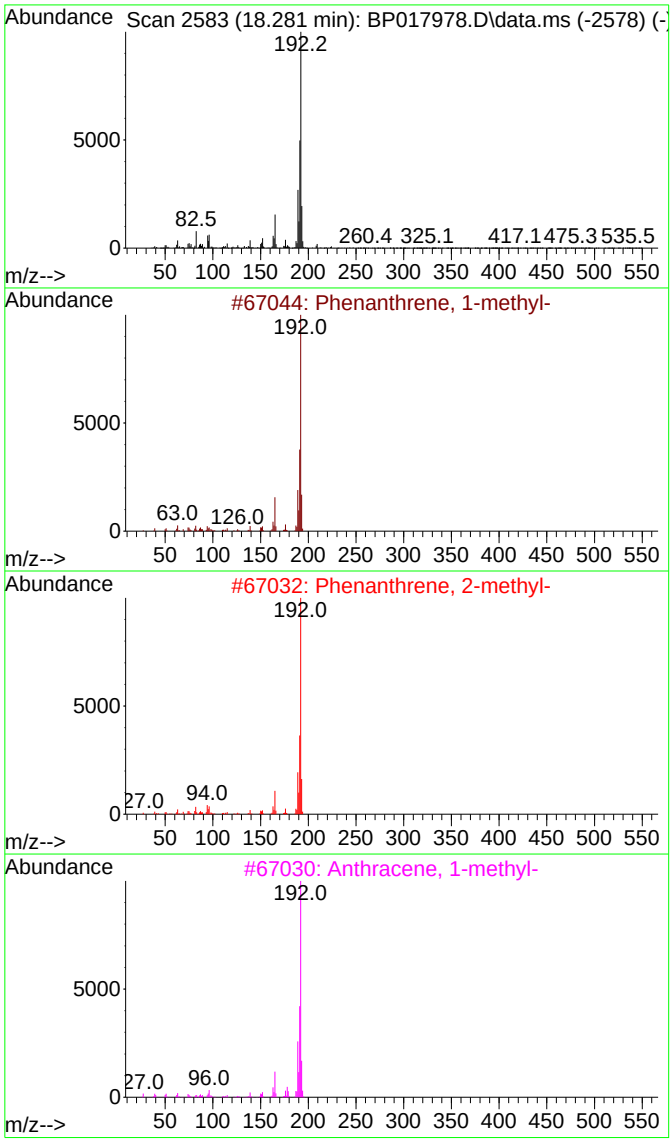
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

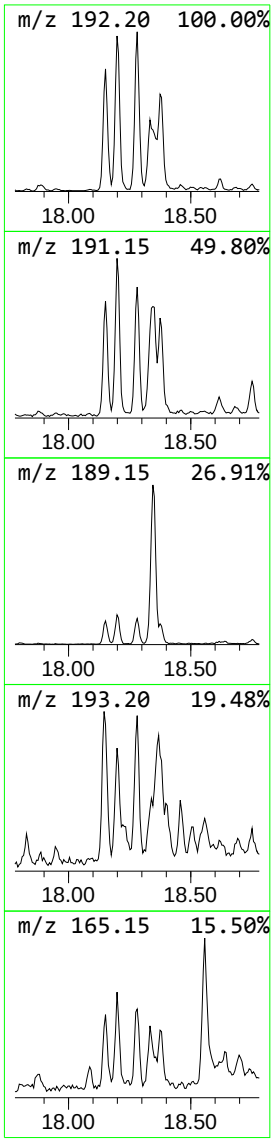
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	4.37 ng/ul	241657	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

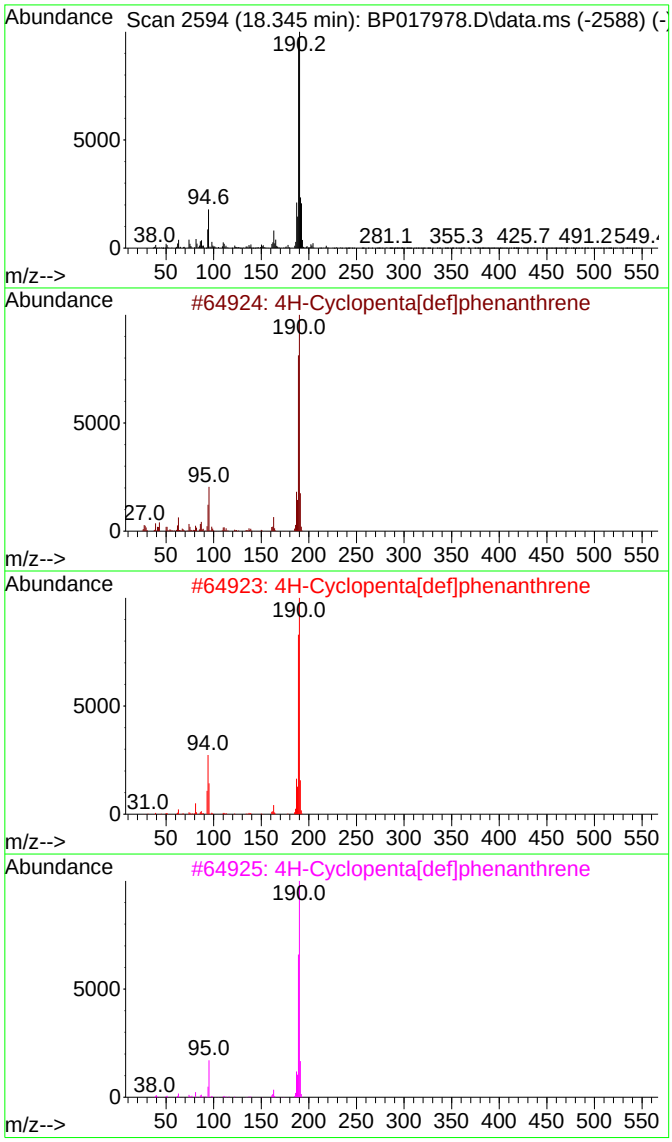
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

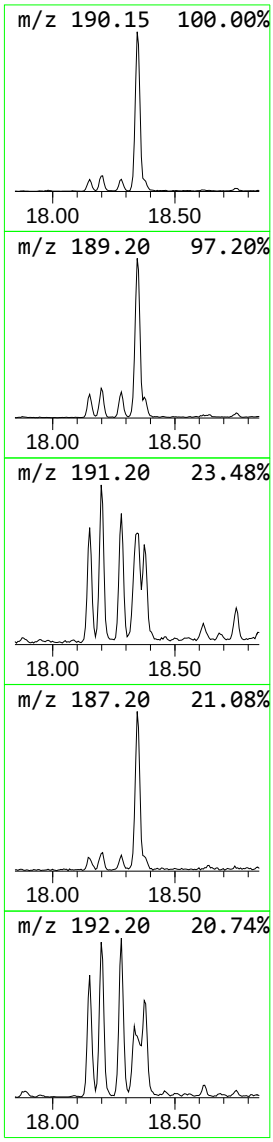
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	11.33 ng/ul	627019	Phenanthrene-d10	17.287

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	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

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

****
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	4.43 ng/ul	244960	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
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	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
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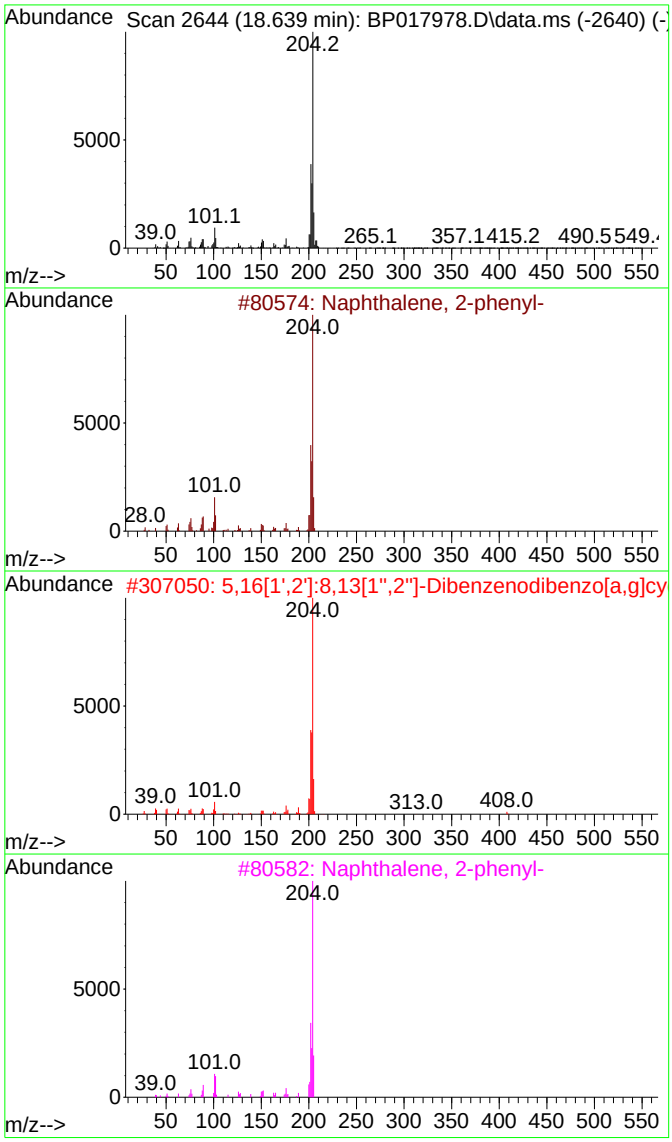

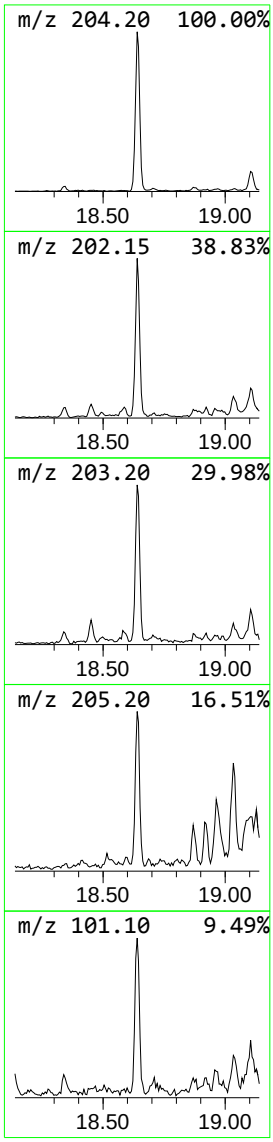

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Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

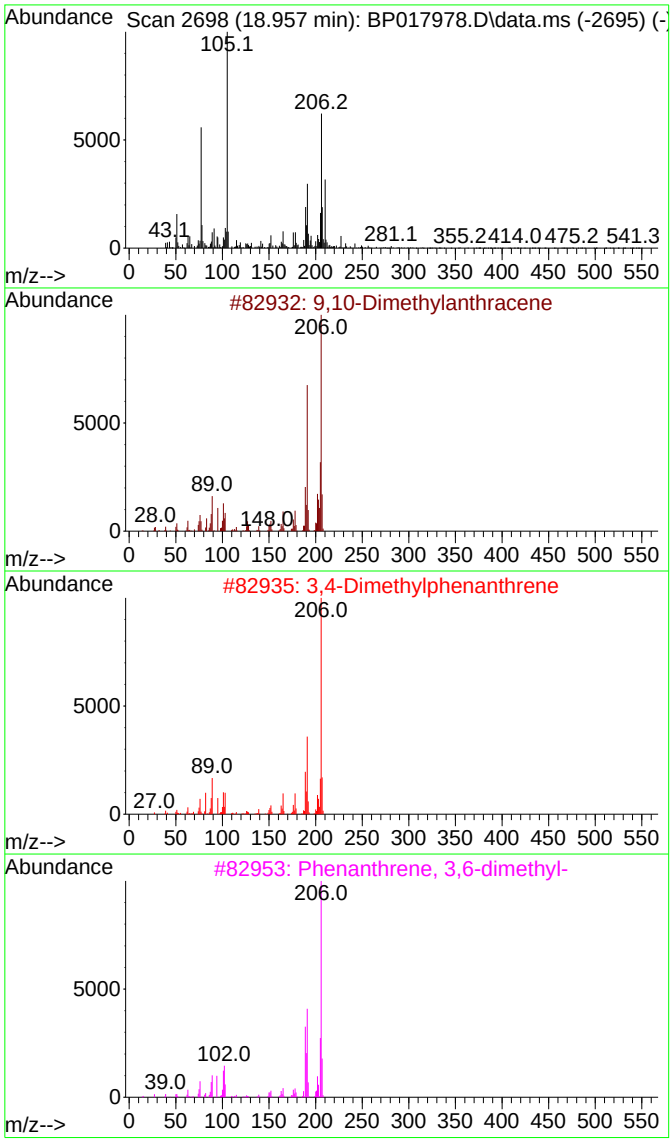
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

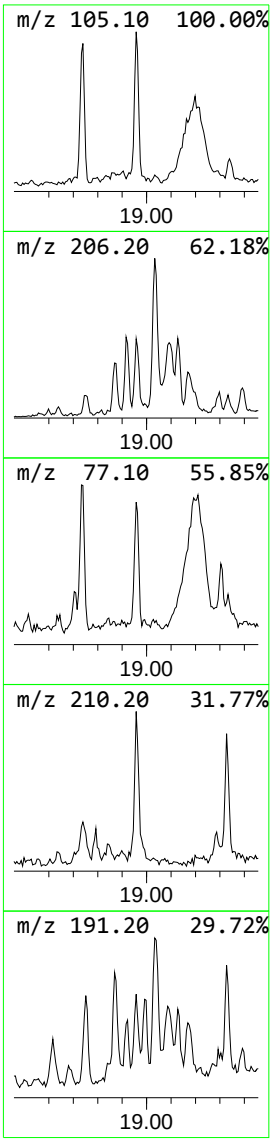
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.957	3.09 ng/ul	170844	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	55
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	50





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Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

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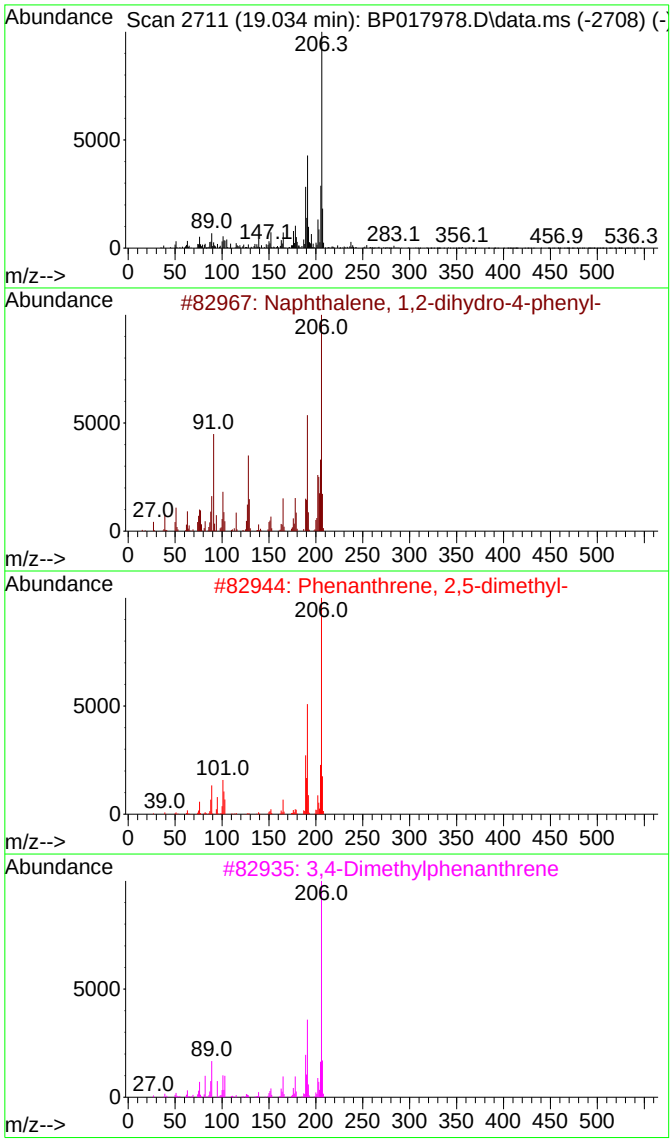
Quant Title : SVOA CALIBRATION

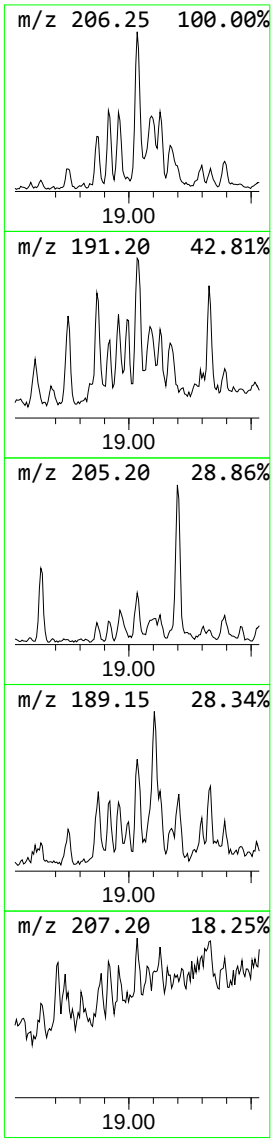
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,2-dihydro-4-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.034	2.40 ng/ul	132827	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

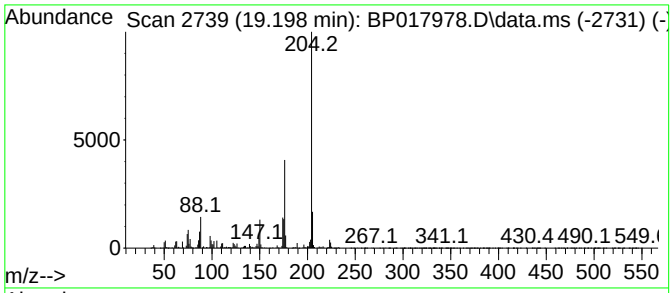
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

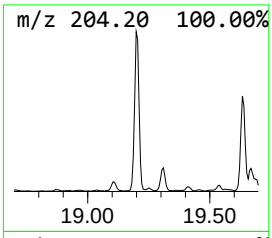
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

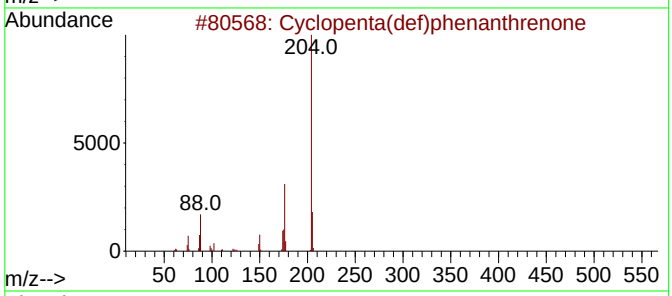
****
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 3

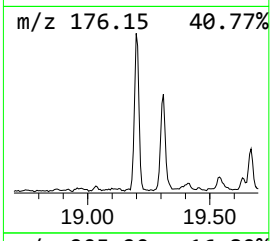
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	16.67 ng/ul	922180	Phenanthrene-d10	17.287

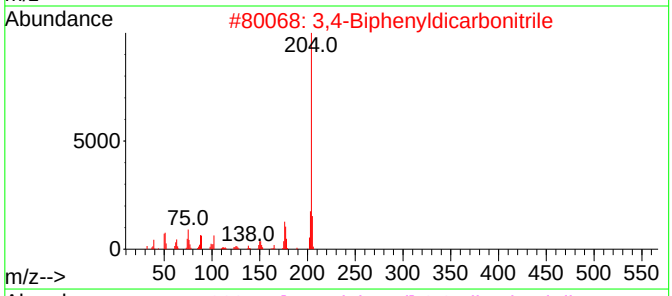
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
4	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49

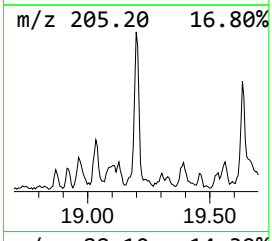


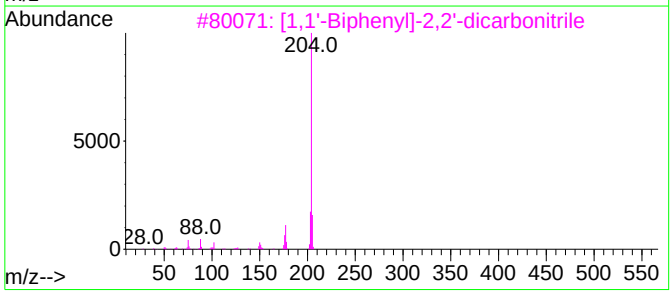


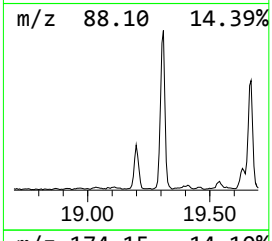


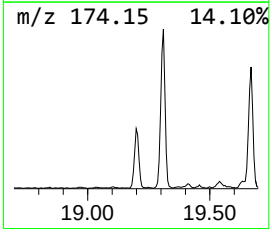












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

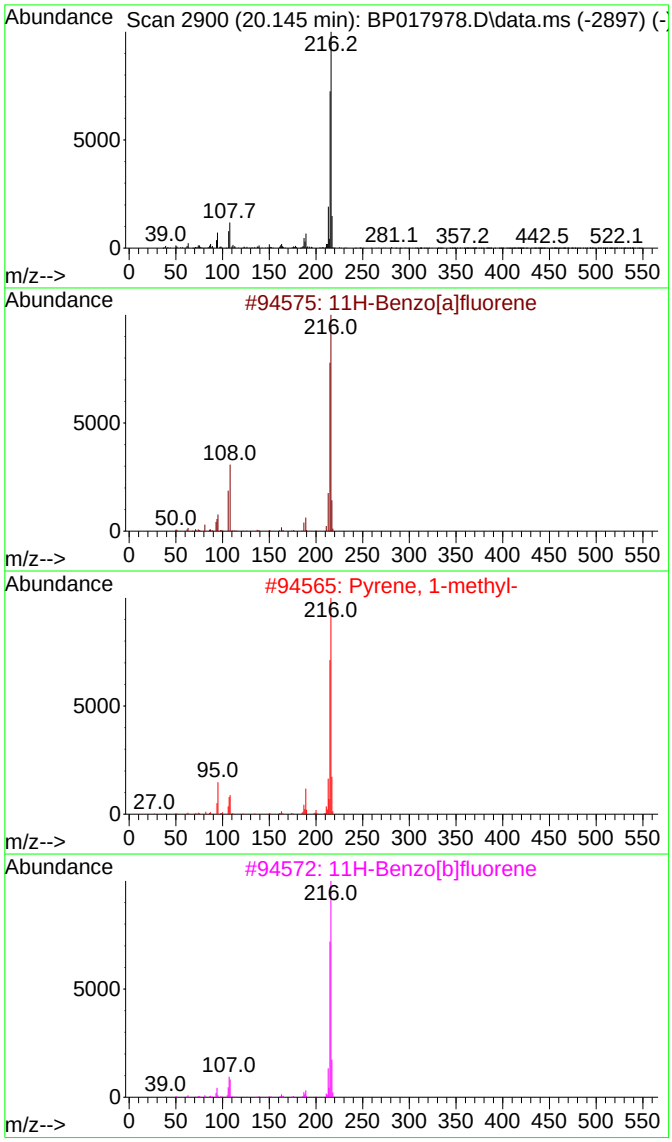
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

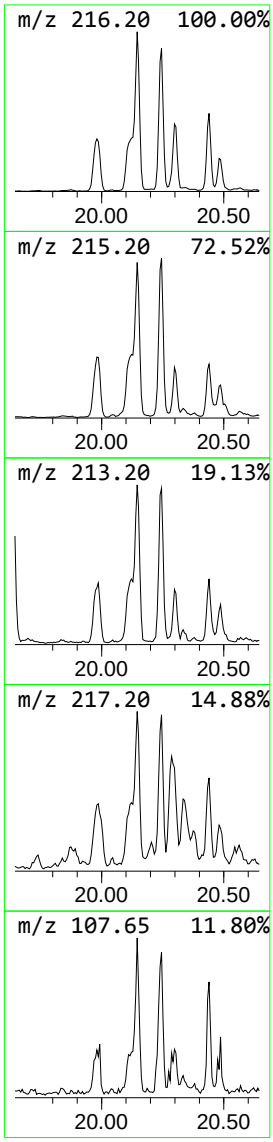
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	3.08 ng/ul	682099	Chrysene-d12	21.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

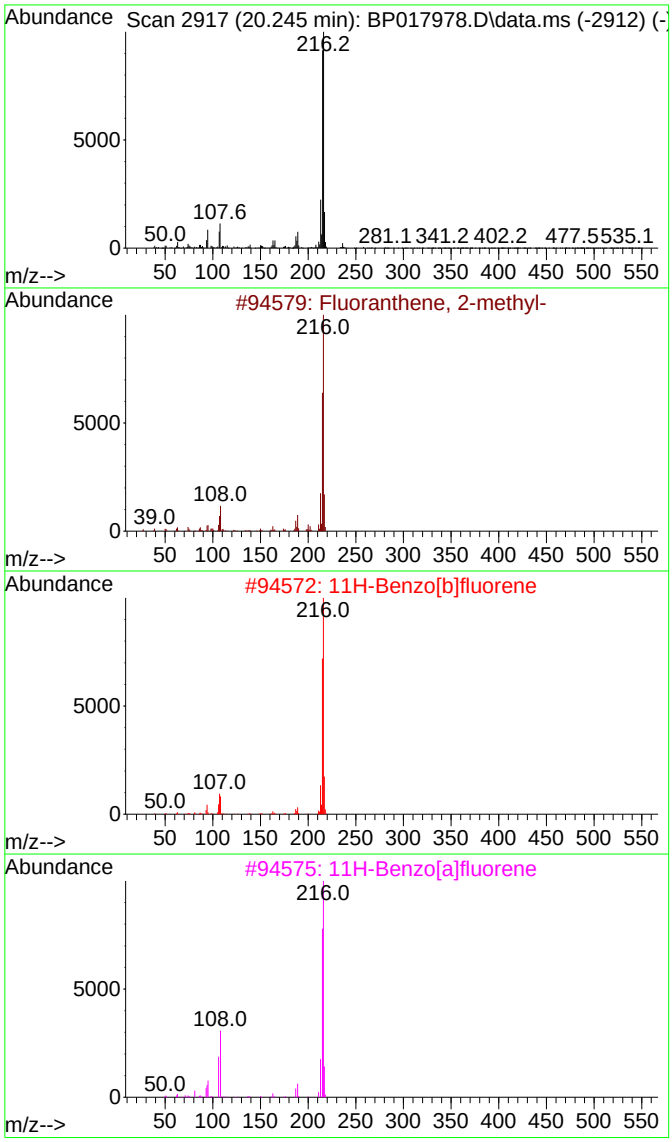
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

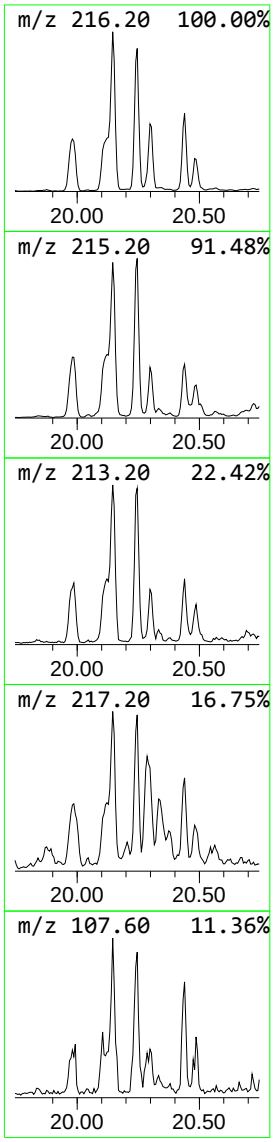
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.245	3.14 ng/ul	696892	Chrysene-d12	21.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80





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Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

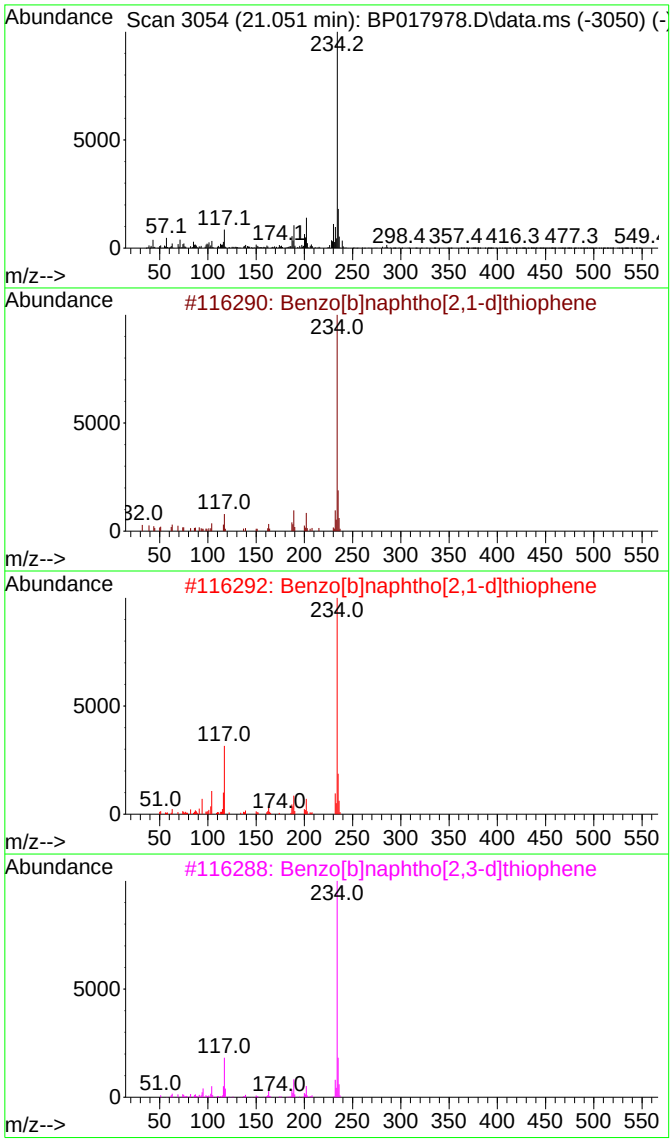
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

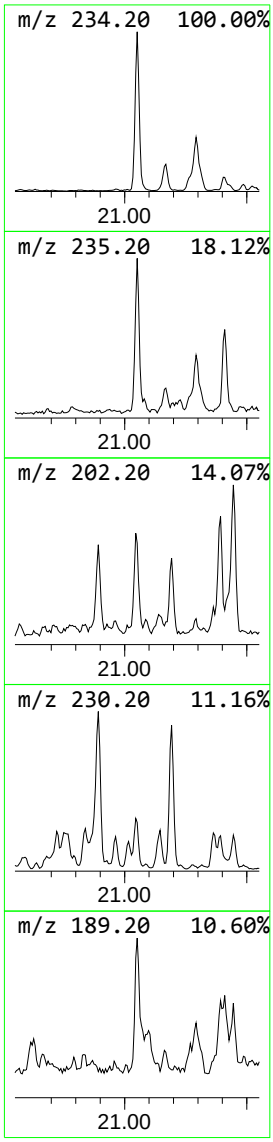
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.71 ng/ul	601234	Chrysene-d12	21.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	81





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Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

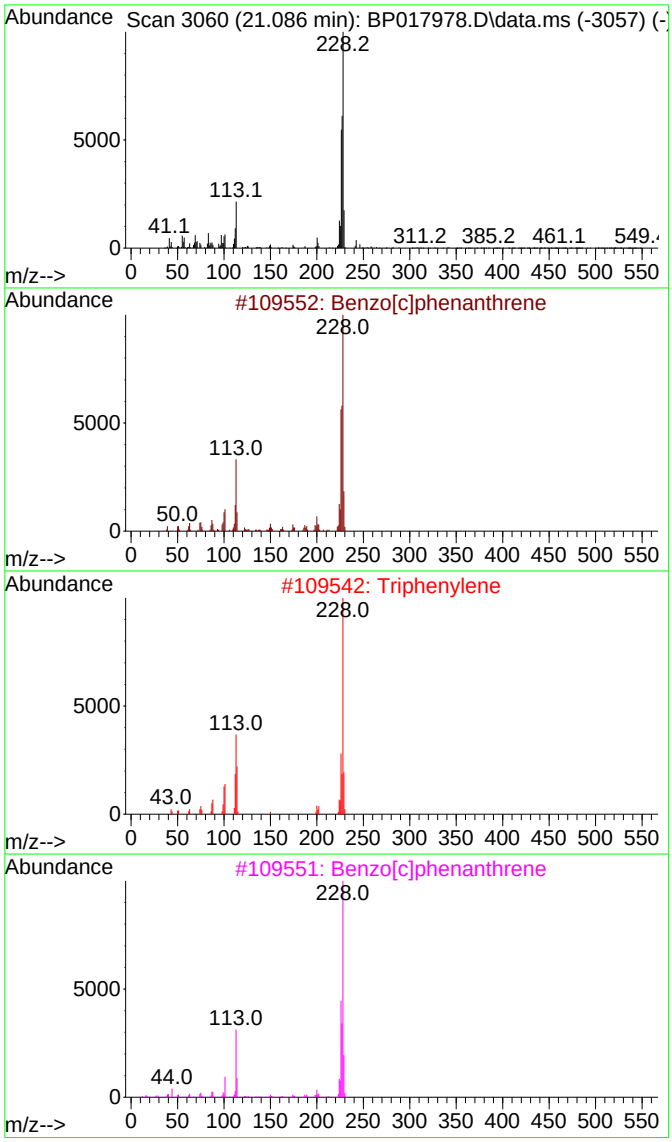
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

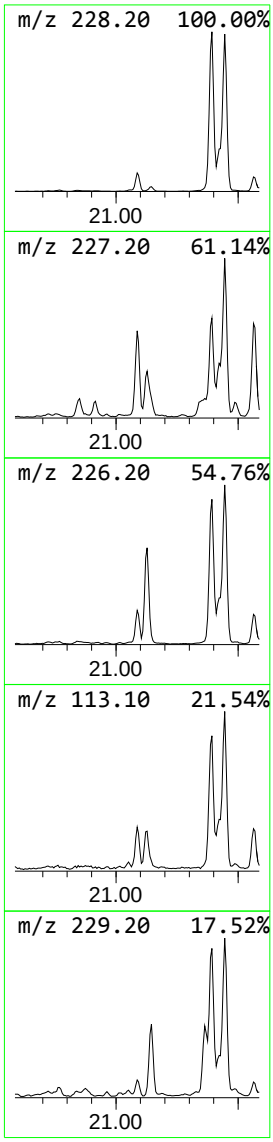
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[c]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	2.52 ng/ul	558359	Chrysene-d12	21.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	68
2	Triphenylene	228	C18H12	000217-59-4	60
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	60
4	Triphenylene	228	C18H12	000217-59-4	60
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	58





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Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

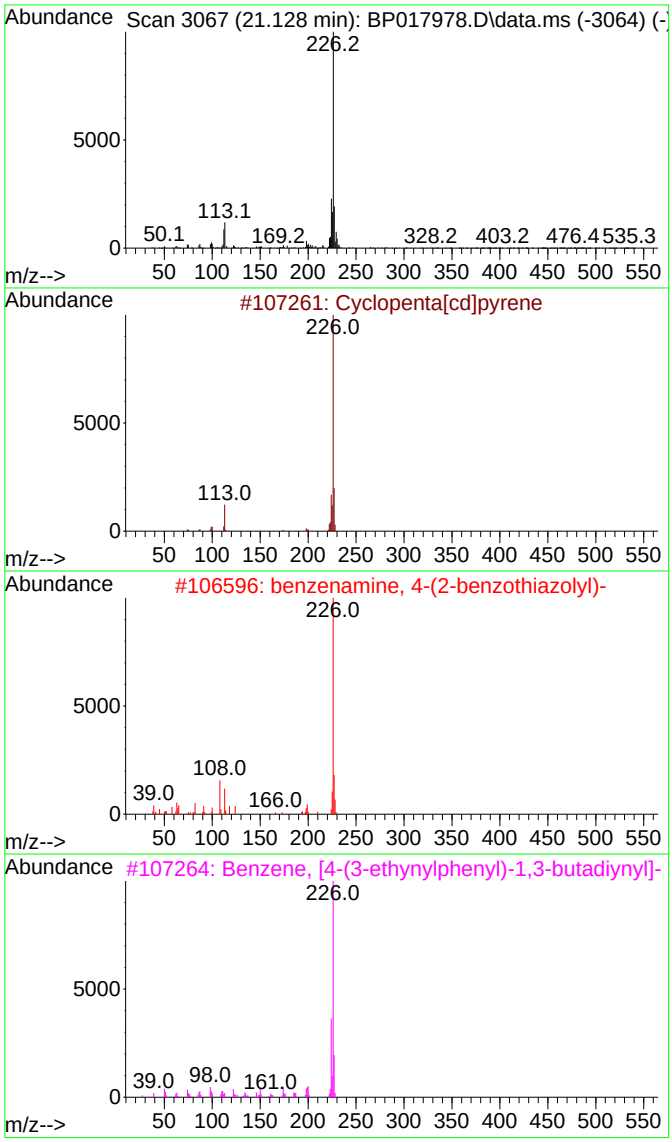
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

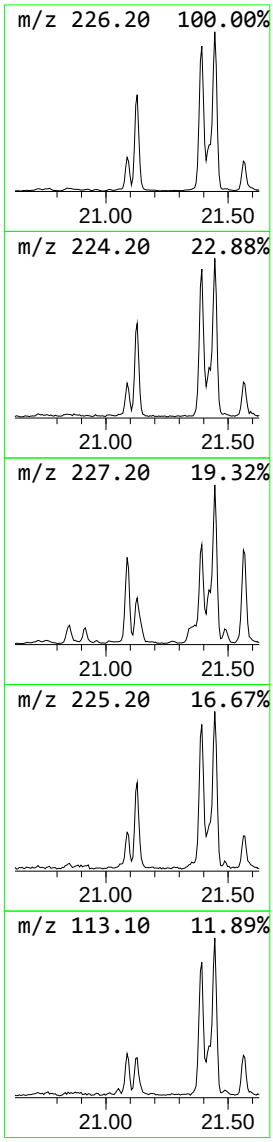
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclopenta[cd]pyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.128	2.50 ng/ul	553813	Chrysene-d12	21.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	59
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	58
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

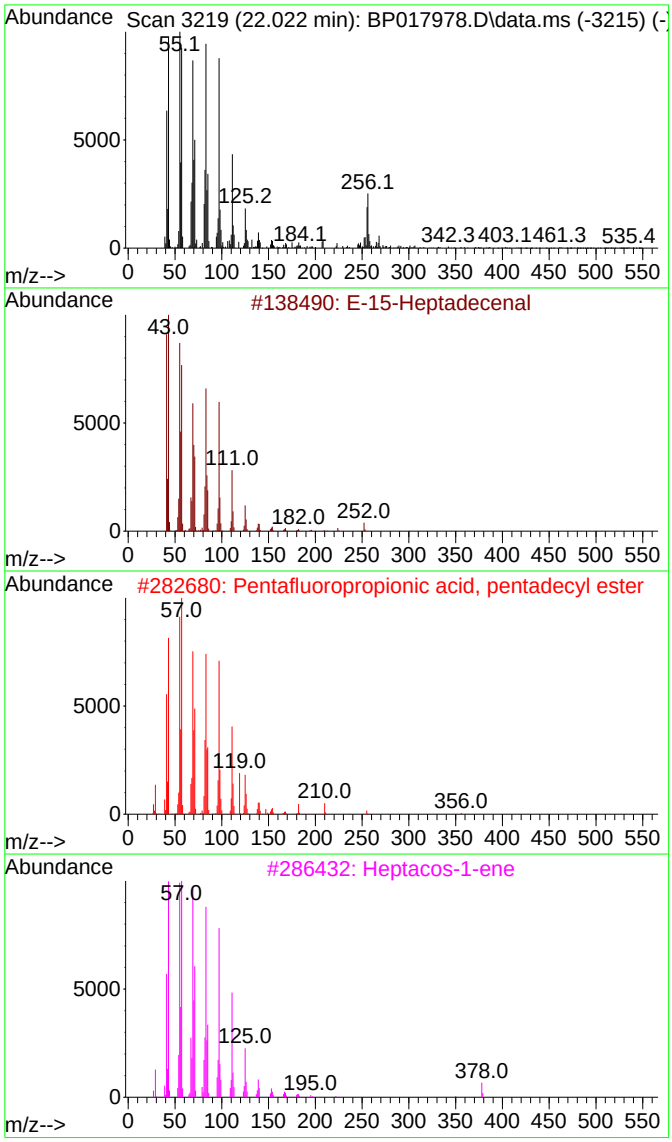
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

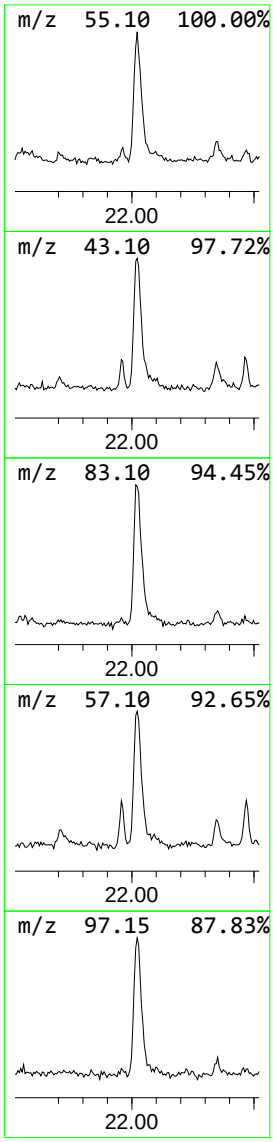
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 E-15-Heptadecenal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.022	3.28 ng/ul	727374	Chrysene-d12	21.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Heptacos-1-ene	378	C27H54	015306-27-1	94
4	Nonacos-1-ene	406	C29H58	018835-35-3	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

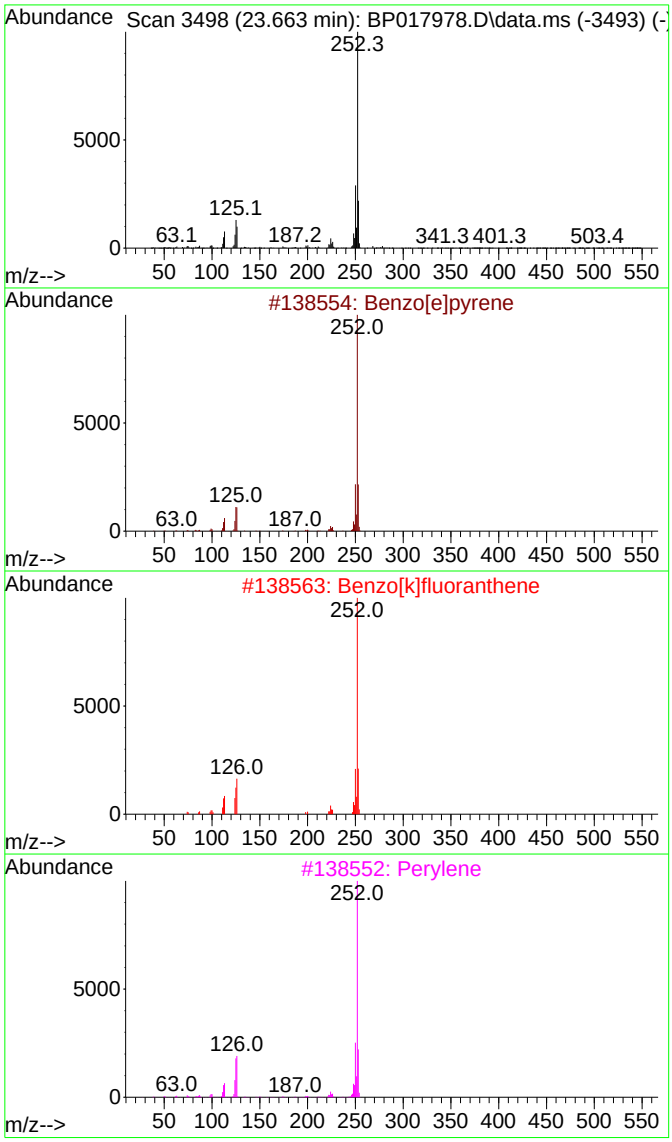
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

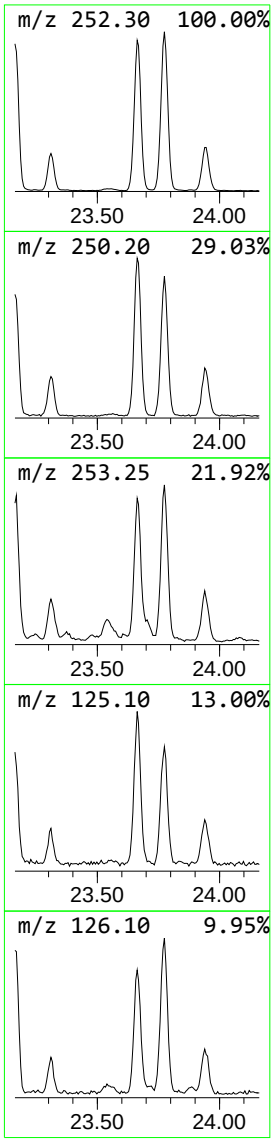
****

Peak Number 24 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.663	26.83 ng/ul	1207680	Perylene-d12	23.886

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	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017978.D
Acq On : 09 Nov 2023 00:47
Operator : MA/JU
Sample : 05060-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.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
Aceto phenone	8.711	15.6	ng/ul	384171	1	7.852	492897	20.0
Benzoic acid	9.940	2.5	ng/ul	86858	2	10.663	694083	20.0
Biphenyl	13.352	5.2	ng/ul	252453	3	14.516	979979	20.0
Diben zofuran	14.916	9.4	ng/ul	459999	3	14.516	979979	20.0
Dibenzofuran, 4...	16.004	2.6	ng/ul	143183	4	17.287	1106700	20.0
9H-Fluorene, 2-...	16.575	2.2	ng/ul	120763	4	17.287	1106700	20.0
Dibenzothiophene	17.104	3.2	ng/ul	175516	4	17.287	1106700	20.0
Acridine	17.498	2.5	ng/ul	135816	4	17.287	1106700	20.0
Carba zole	17.716	28.1	ng/ul	1557800	4	17.287	1106700	20.0
Phenanthrene, 1...	18.151	6.9	ng/ul	383256	4	17.287	1106700	20.0
Anthracene, 2-m...	18.198	5.2	ng/ul	285401	4	17.287	1106700	20.0
Phenanthrene, 2...	18.281	4.4	ng/ul	241657	4	17.287	1106700	20.0
4H-Cyclopenta[d...	18.345	11.3	ng/ul	627019	4	17.287	1106700	20.0
Naphthalene, 2-...	18.639	4.4	ng/ul	244960	4	17.287	1106700	20.0
9,10-Dimethylan...	18.957	3.1	ng/ul	170844	4	17.287	1106700	20.0
Naphthalene, 1,...	19.034	2.4	ng/ul	132827	4	17.287	1106700	20.0
Cyclopenta(def)...	19.198	16.7	ng/ul	922180	4	17.287	1106700	20.0
11H-Benzo[a]flu...	20.145	3.1	ng/ul	682099	5	21.410	4435710	20.0
Fluoranthene, 2...	20.245	3.1	ng/ul	696892	5	21.410	4435710	20.0
Benzo[b]naphtho...	21.051	2.7	ng/ul	601234	5	21.410	4435710	20.0
Benzo[c]phenant...	21.086	2.5	ng/ul	558359	5	21.410	4435710	20.0
Cyclopenta[cd]p...	21.128	2.5	ng/ul	553813	5	21.410	4435710	20.0
E-15-Heptadecenal	22.022	3.3	ng/ul	727374	5	21.410	4435710	20.0
Benzo[e]pyrene	23.663	26.8	ng/ul	1207680	6	23.886	900338	20.0