LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018017.D
Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

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-BP110923.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018017.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.693	100	103	112	rBV	68218	112797	1.02%	0.128%
2	7.034	665	671	691	rBV	255595	560722	5.07%	0.638%
3	7.216	696	702	710	rBV	193556	306835	2.77%	0.349%
4	7.387	725	731	742	rBV	278279	450787	4.07%	0.513%
5	7.863	803	812	821	rBV	393133	622933	5.63%	0.708%
6	8.587	928	935	952	rBV	285925	541276	4.89%	0.615%
7	8.722	952	958	966	rBV	367978	595989	5.39%	0.678%
8	9.069	1011	1017	1024	rVV	254567	414976	3.75%	0.472%
9	9.781	1132	1138	1150	rBV	223525	412028	3.72%	0.468%
10	9.958	1162	1168	1179	rBV2	50208	119812	1.08%	0.136%
11	10.152	1196	1201	1216	rVB3	30430	75081	0.68%	0.085%
12	10.310	1222	1228	1242	rVB	309635	592564	5.36%	0.674%
13	10.687	1285	1292	1296	rBV	522195	858892	7.76%	0.977%
14	10.740	1296	1301	1311	rVB	348571	596009	5.39%	0.678%
15	10.869	1316	1323	1334	rBV2	183790	375551	3.39%	0.427%
16	12.351	1568	1575	1582	rBV	137745	214877	1.94%	0.244%
17	12.569	1607	1612	1618	rVV	91103	154307	1.39%	0.175%
18	13.369	1741	1748	1756	rBV2	80259	145584	1.32%	0.166%
19	13.846	1824	1829	1835	rBV	52991	101266	0.92%	0.115%
20	13.957	1841	1848	1861	rVB	701362	968595	8.75%	1.101%
21	14.087	1864	1870	1874	rBV2	48927	75526	0.68%	0.086%
22	14.240	1889	1896	1913	rVV3	702961	1239656	11.20%	1.409%
23	14.540	1937	1947	1953	rBV	791667	1182579	10.69%	1.345%
24	14.604	1953	1958	1965	rVB	433743	631707	5.71%	0.718%
25	14.804	1986	1992	2003	rBV3	156967	400100	3.62%	0.455%
26	14.940	2009	2015	2021	rBV	352996	530325	4.79%	0.603%
27	15.322	2073	2080	2083	rVV3	53328	81357	0.74%	0.092%
28	15.540	2107	2117	2122	rBV	939200	1368958	12.37%	1.556%
29	15.598	2122	2127	2136	rVB	607739	887382	8.02%	1.009%
30	15.692	2137	2143	2150	rBV2	291993	528114	4.77%	0.600%
31	15.751	2150	2153	2158	rVV2	53148	84557	0.76%	0.096%
32	15.881	2171	2175	2180	rVB	115509	158114	1.43%	0.180%
33	16.034	2195	2201	2208	rBV	130683	272619	2.46%	0.310%
34	16.128	2213	2217	2222	rVB2	53704	78778	0.71%	0.090%
35	16.198	2224	2229	2233	rBV2	138650	236499	2.14%	0.269%
36	16.304	2243	2247	2252	rBV2	46761	73073	0.66%	0.083%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
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Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCKI5

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-BP110923.MA.M
Title : SVOA CALIBRATION

37	16.598	2287	2297	2302	rBV	107080	231151	2.09%	0.263%
38	16.651	2302	2306	2311	rVV3	44120	70199	0.63%	0.080%
39	16.822	2331	2335	2339	rVV2	76827	110658	1.00%	0.126%
40	16.957	2353	2358	2359	rBV4	51809	74221	0.67%	0.084%
41	16.987	2359	2363	2367	rVV3	107910	195491	1.77%	0.222%
42	17.028	2367	2370	2382	rVV3	116774	249750	2.26%	0.284%
43	17.134	2383	2388	2398	rVB	265318	392963	3.55%	0.447%
44	17.316	2414	2419	2423	rBV	958583	1397735	12.63%	1.589%
45	17.363	2423	2427	2432	rVV	3882038	5260679	47.54%	5.981%
46	17.422	2432	2437	2440	rVV	998121	1552863	14.03%	1.766%
47	17.457	2440	2443	2450	rVV	1097782	1457717	13.17%	1.657%
48	17.528	2451	2455	2464	rVB	138082	219593	1.98%	0.250%
49	17.751	2480	2493	2500	rBV	334885	704514	6.37%	0.801%
50	17.834	2503	2507	2511	rVV	113911	158589	1.43%	0.180%
51	17.898	2514	2518	2524	rBV4	53756	99379	0.90%	0.113%
52	18.181	2559	2566	2570	rVV2	437486	851794	7.70%	0.968%
53	18.234	2570	2575	2581	rVV	420703	636325	5.75%	0.723%
54	18.310	2584	2588	2592	rVV	190170	241514	2.18%	0.275%
55	18.381	2593	2600	2603	rVV2	1115342	1736408	15.69%	1.974%
56	18.410	2603	2605	2614	rVB3	247282	353542	3.19%	0.402%
57	18.492	2615	2619	2623	rBV4	50035	85980	0.78%	0.098%
58	18.675	2646	2650	2655	rVB	356622	436408	3.94%	0.496%
59	18.739	2657	2661	2664	rVV	262550	353045	3.19%	0.401%
60	18.769	2664	2666	2672	rVB3	140496	202046	1.83%	0.230%
61	18.904	2686	2689	2694	rBV4	61195	83308	0.75%	0.095%
62	18.951	2694	2697	2700	rVB	109853	117484	1.06%	0.134%
63	18.992	2700	2704	2707	rBV	179614	222966	2.01%	0.254%
64	19.069	2713	2717	2721	rVB	176664	229050	2.07%	0.260%
65	19.139	2721	2729	2731	rBV2	157854	307626	2.78%	0.350%
66	19.233	2737	2745	2757	rBV	584993	1091760	9.87%	1.241%
67	19.345	2758	2764	2770	rBV	8492619	11065580	100.00%	12.581%
68	19.404	2770	2774	2777	rBV2	122092	168927	1.53%	0.192%
69	19.581	2796	2804	2813	rVB2	310243	768690	6.95%	0.874%
70	19.669	2813	2819	2822	rBV2	2061189	3733261	33.74%	4.245%
71	19.704	2822	2825	2831	rVV	6788700	8409694	76.00%	9.562%
72	19.757	2831	2834	2839	rVB2	238126	332260	3.00%	0.378%
73	19.875	2850	2854	2858	rBV	389068	462474	4.18%	0.526%
74	19.951	2865	2867	2871	rVB	114110	113629	1.03%	0.129%
75	20.004	2871	2876	2884	rVB2	364545	837346	7.57%	0.952%
76	20.157	2894	2902	2903	rBV4	328673	719205	6.50%	0.818%

LSC Area Percent Report

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Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

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-BP110923.MA.M
Title : SVOA CALIBRATION

77	20.180	2903	2906	2911	rVB	842060	1105068	9.99%	1.256%
78	20.280	2918	2923	2926	rBV	833236	1035645	9.36%	1.177%
79	20.316	2926	2929	2930	rVV	276516	332090	3.00%	0.378%
80	20.333	2930	2932	2936	rVV	387645	496637	4.49%	0.565%
81	20.369	2936	2938	2941	rVB	149245	145576	1.32%	0.166%
82	20.475	2952	2956	2960	rBV	350048	458300	4.14%	0.521%
83	20.522	2961	2964	2972	rVB2	267309	385973	3.49%	0.439%
84	20.875	3021	3024	3026	rBV3	108346	157391	1.42%	0.179%
85	20.928	3030	3033	3038	rVB	332634	433894	3.92%	0.493%
86	21.086	3056	3060	3063	rBV2	566764	796748	7.20%	0.906%
87	21.122	3063	3066	3070	rVV	564731	812988	7.35%	0.924%
88	21.163	3070	3073	3079	rVV2	474654	802938	7.26%	0.913%
89	21.227	3082	3084	3089	rVB	279770	329273	2.98%	0.374%
90	21.433	3111	3119	3125	rBV2	2137432	5342431	48.28%	6.074%
91	21.486	3125	3128	3133	rVB	2115374	2602381	23.52%	2.959%
92	21.604	3145	3148	3152	rBV	229011	308961	2.79%	0.351%
93	22.004	3213	3216	3219	rBV6	204045	310974	2.81%	0.354%
94	22.257	3255	3259	3261	rBV	203781	279989	2.53%	0.318%
95	23.180	3410	3416	3422	rBV	1589276	3933837	35.55%	4.473%
96	23.374	3446	3449	3454	rVB	227097	321999	2.91%	0.366%
97	23.733	3505	3510	3515	rBV	849110	1658462	14.99%	1.886%
98	23.792	3516	3520	3525	rVV2	770555	1502415	13.58%	1.708%
99	23.845	3525	3529	3536	rVB	771437	1420864	12.84%	1.615%
100	23.963	3543	3549	3554	rBV	621806	1192808	10.78%	1.356%

Sum of corrected areas: 87953691

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
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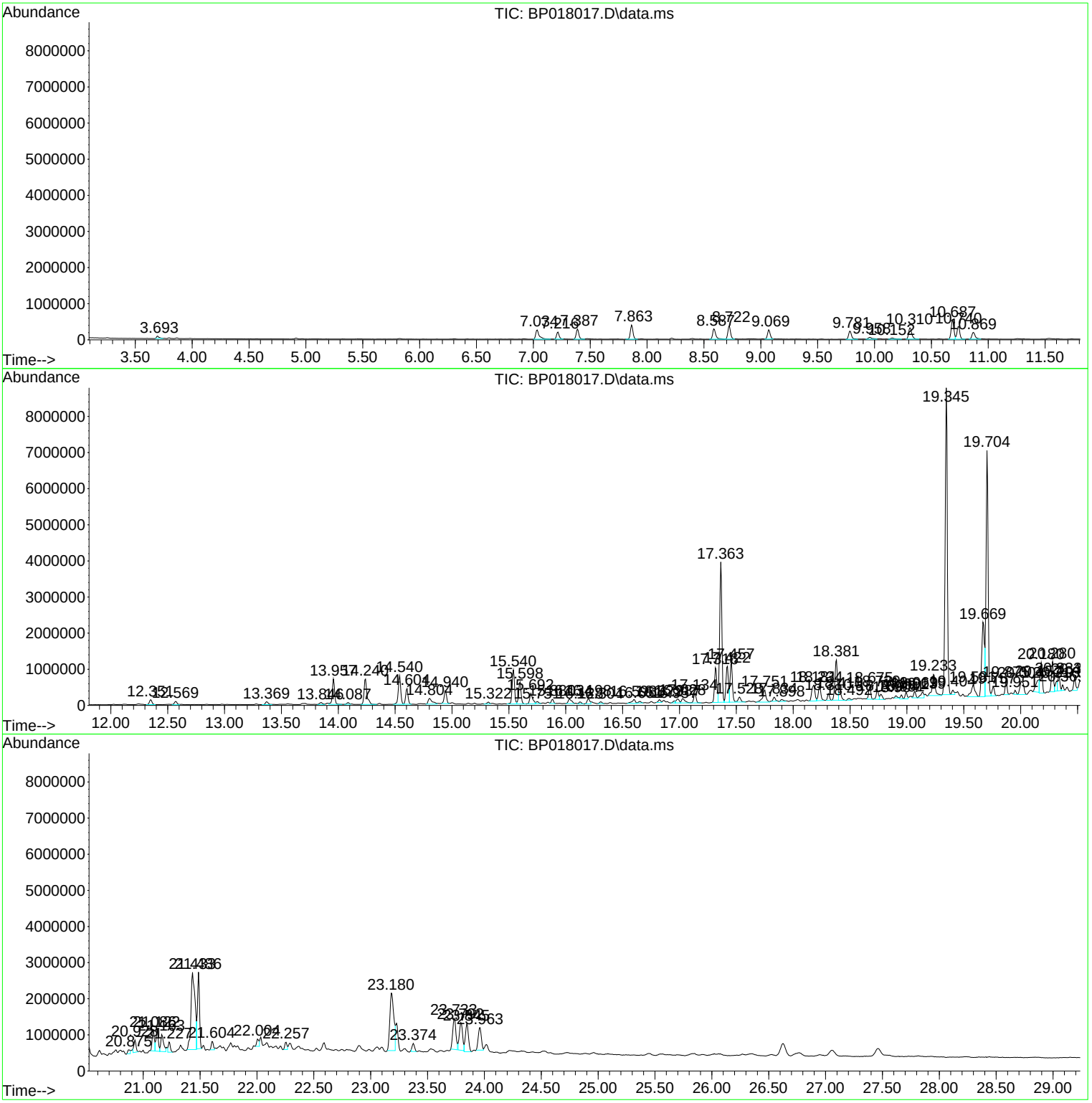
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.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\BP110923\
Data File : BP018017.D
Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

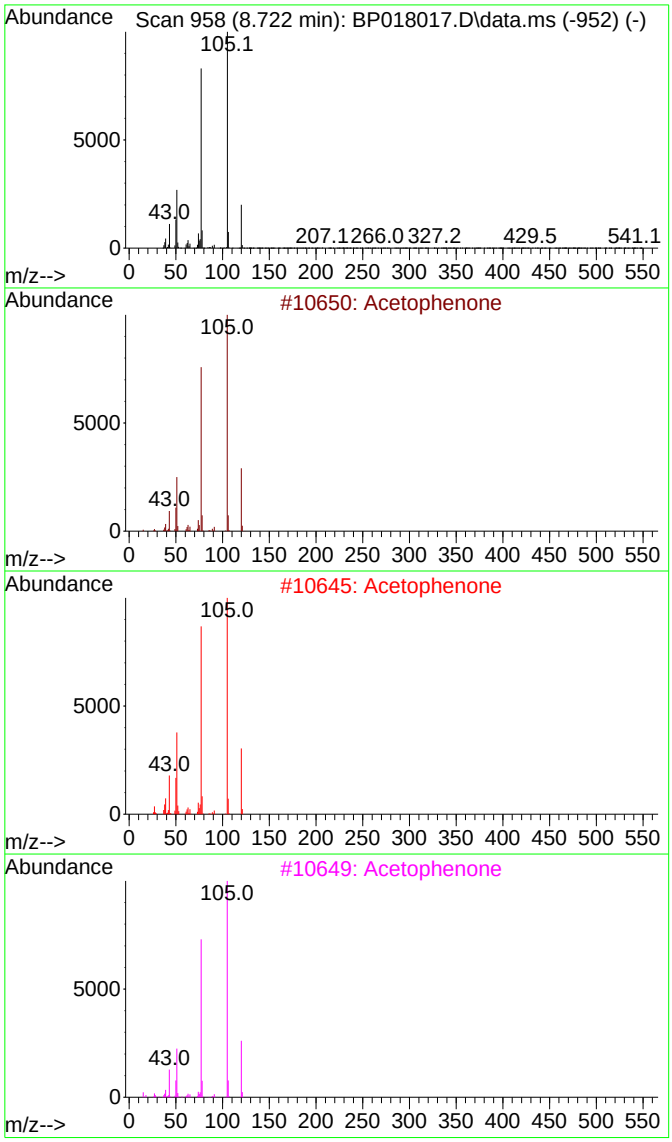
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

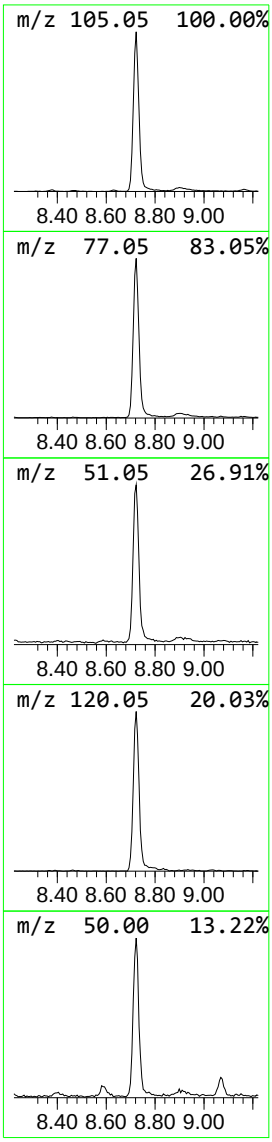
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	19.13 ng/ul	595989	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	95
2	Acetophenone	120	C8H8O	000098-86-2	91
3	Acetophenone	120	C8H8O	000098-86-2	91
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Acetophenone	120	C8H8O	000098-86-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018017.D
Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

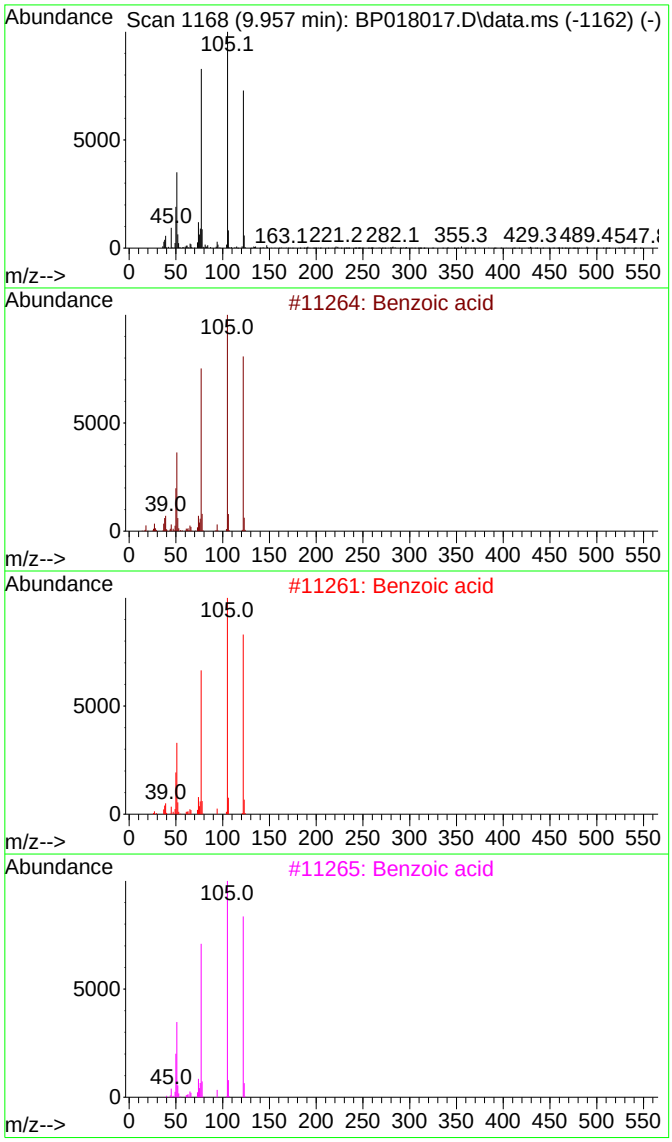
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

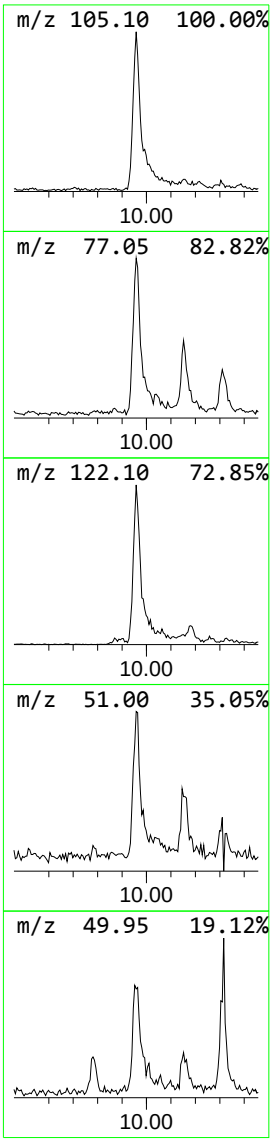
****

Peak Number 2 Benzoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	2.79 ng/ul	119812	Naphthalene-d8	10.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	97
2	Benzoic acid	122	C7H6O2	000065-85-0	97
3	Benzoic acid	122	C7H6O2	000065-85-0	96
4	Benzoic acid	122	C7H6O2	000065-85-0	94
5	Benzoic acid	122	C7H6O2	000065-85-0	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018017.D
Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

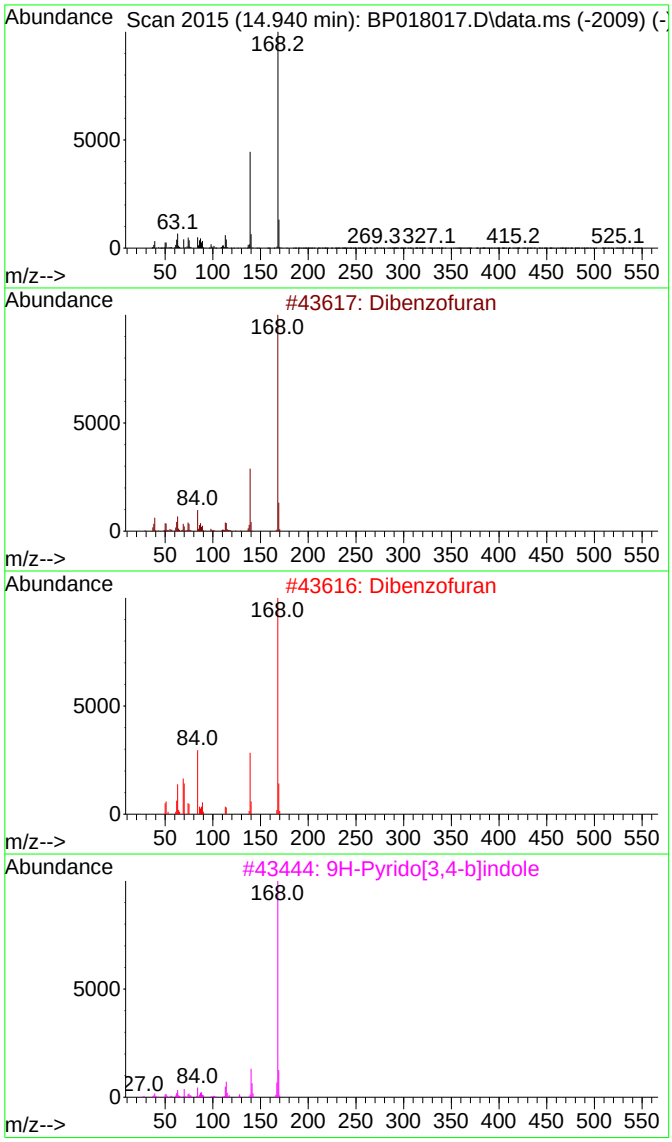
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

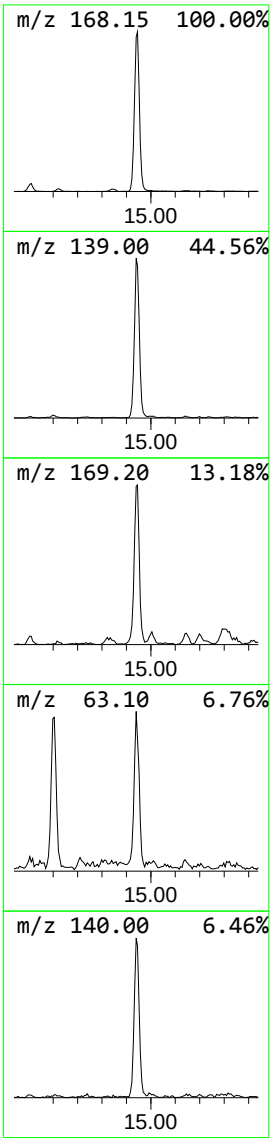
****

Peak Number 4 Dibenzo furan Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	8.97 ng/ul	530325	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	64
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	58
4	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	53
5	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	53





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Sample : 05091-08
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Instrument :
BNA_P
ClientSampleId :
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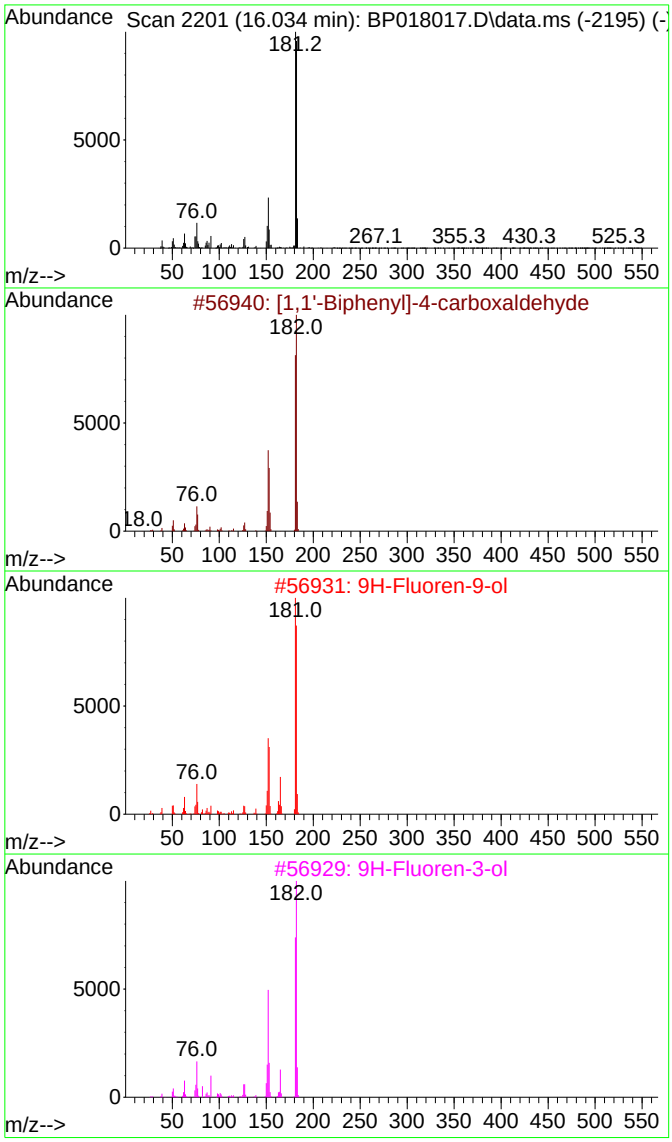
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

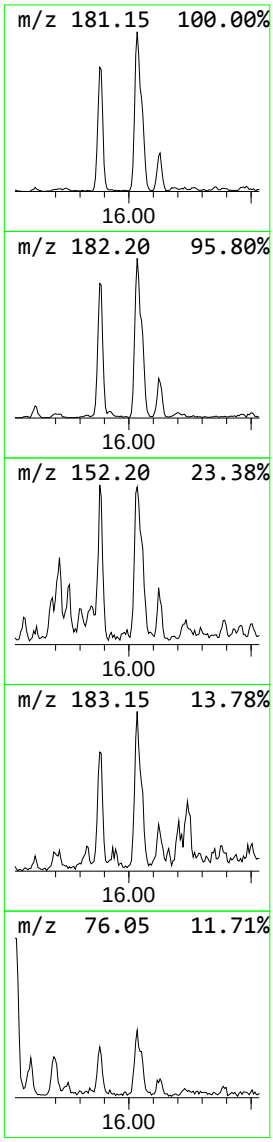
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.034	3.90 ng/ul	272619	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	81
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018017.D
Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

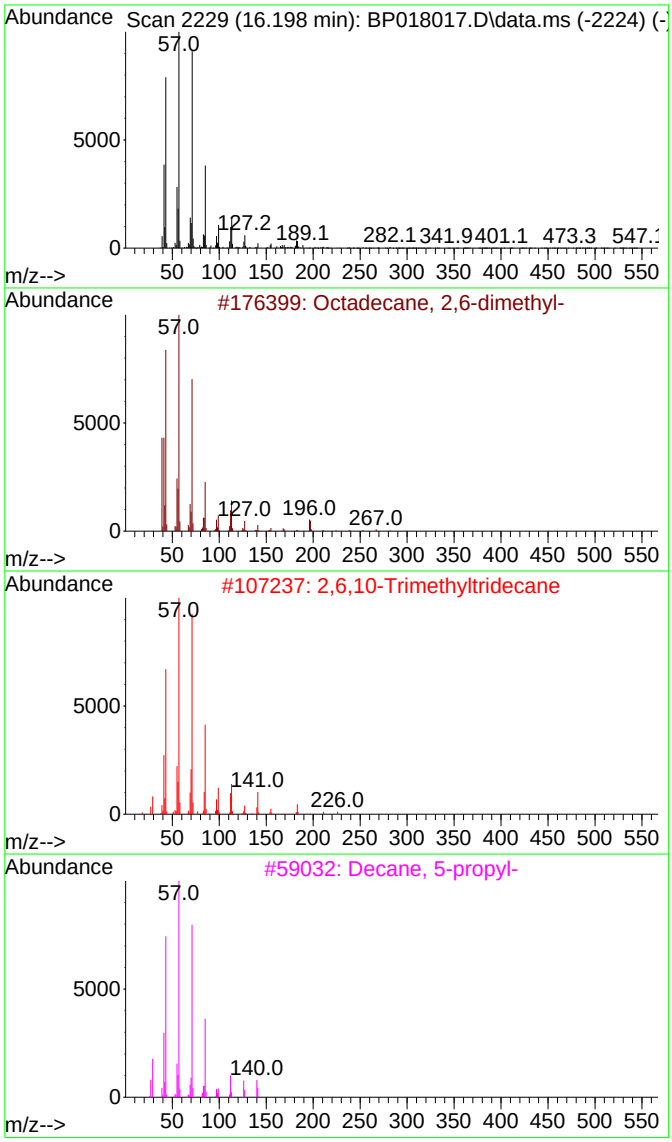
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

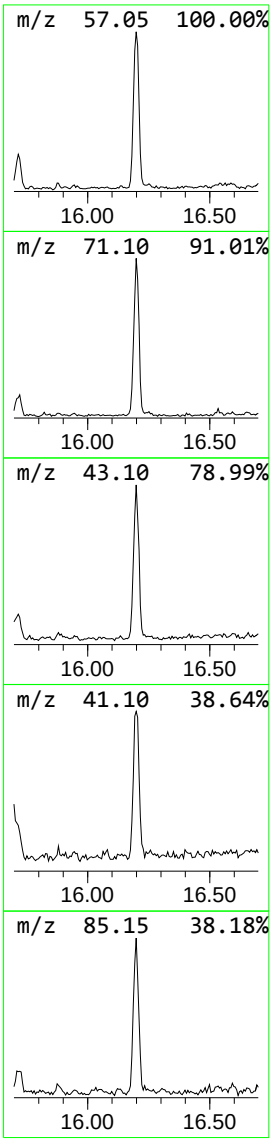
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	3.38 ng/ul	236499	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	92
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	91
3	Decane, 5-propyl-	184	C13H28	017312-62-8	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	86





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Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCKI5

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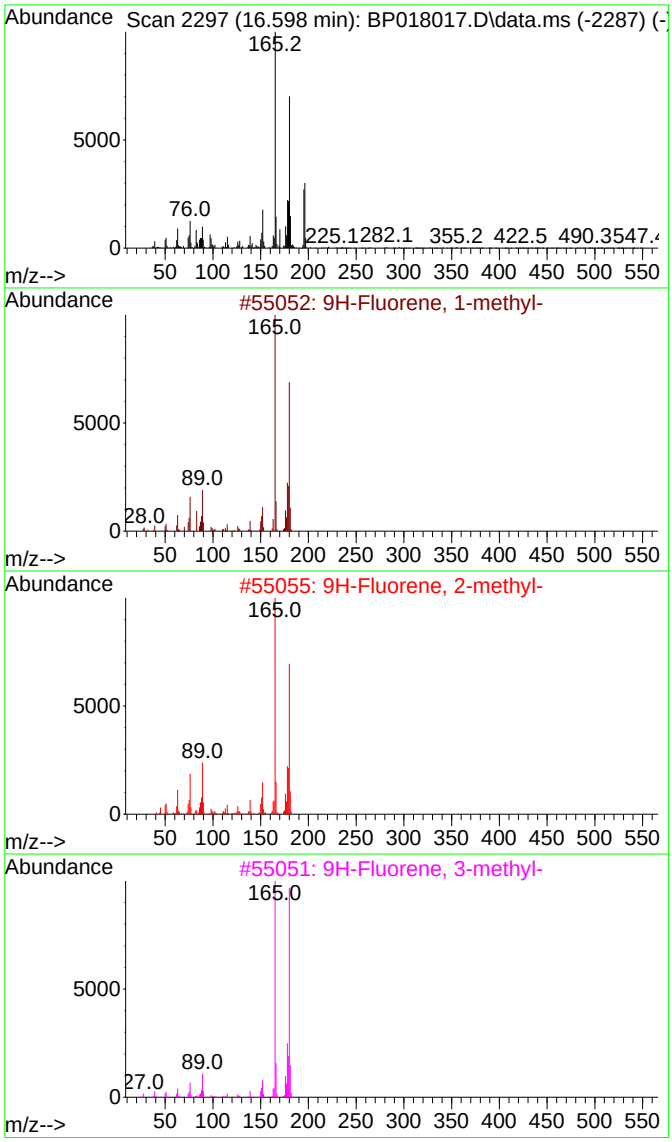
Quant Title : SVOA CALIBRATION

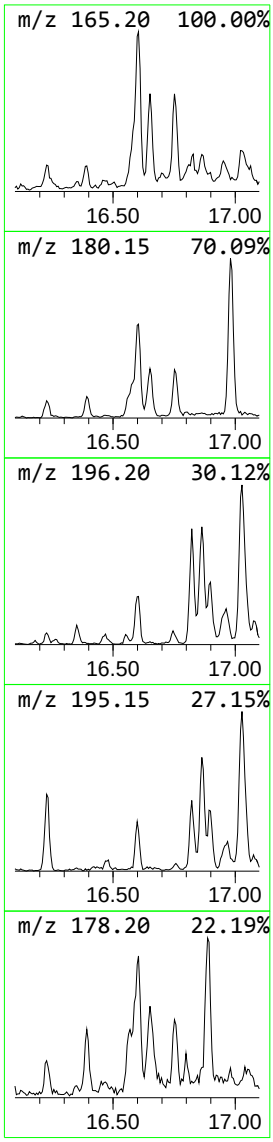
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	3.31 ng/ul	231151	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90





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Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCKI5

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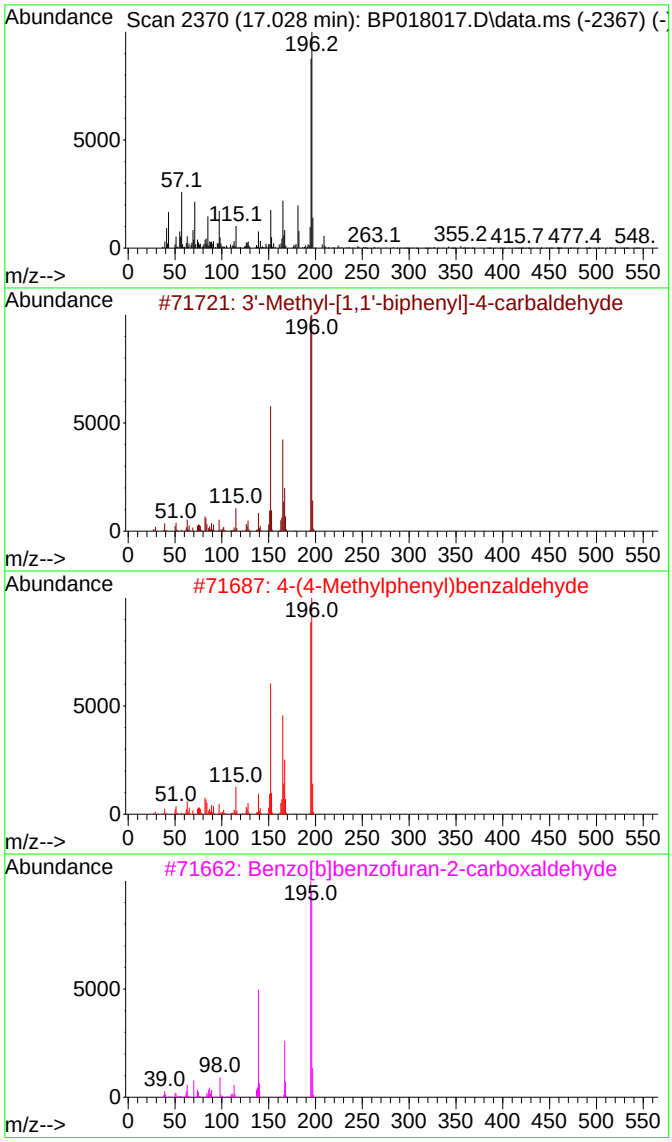
Quant Title : SVOA CALIBRATION

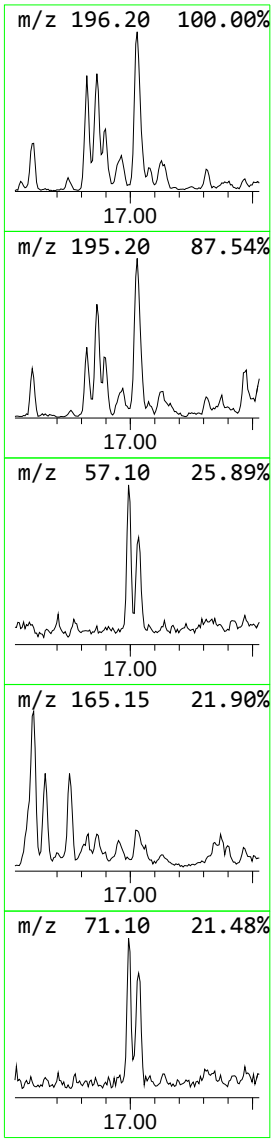
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.028	3.57 ng/ul	249750	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	76
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	70
3	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	53
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	47





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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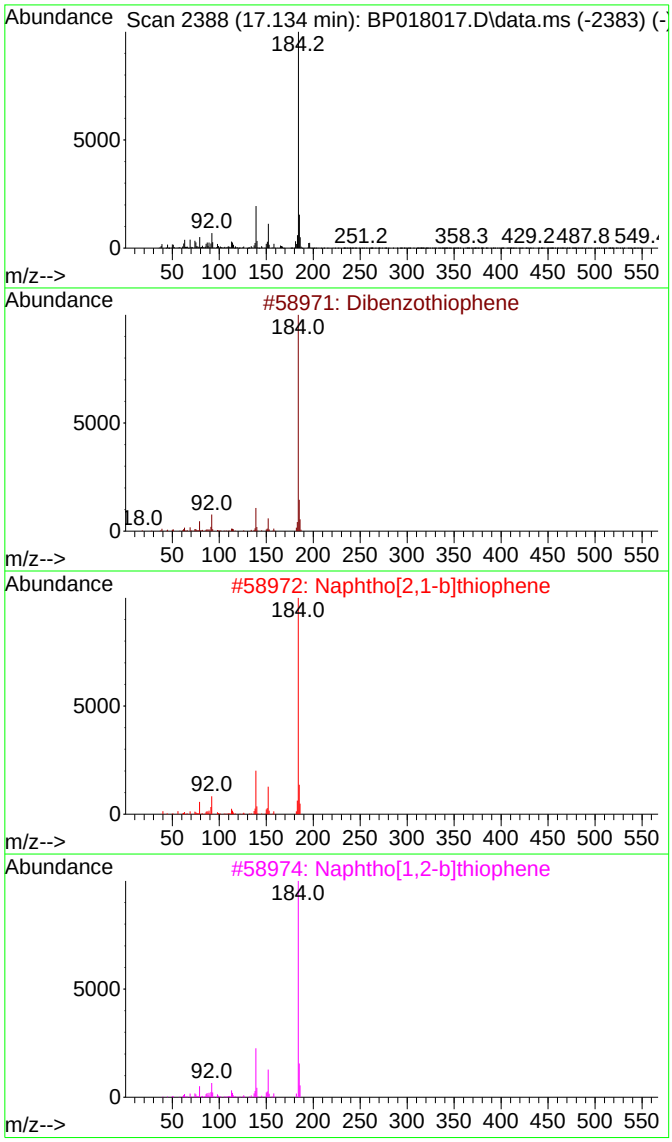
Quant Title : SVOA CALIBRATION

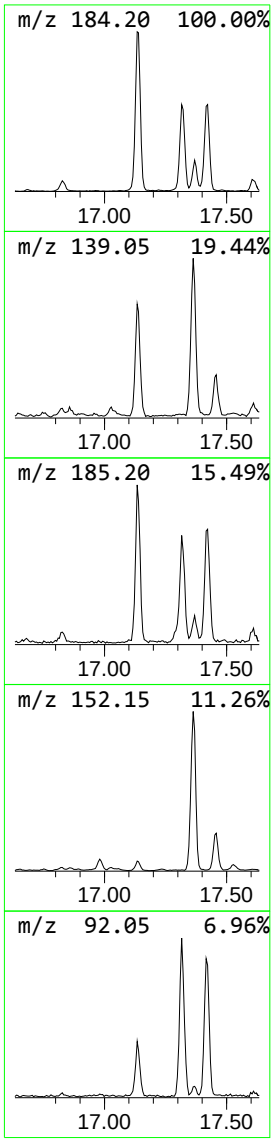
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.134	5.62 ng/ul	392963	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	97
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





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Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
DCKI5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

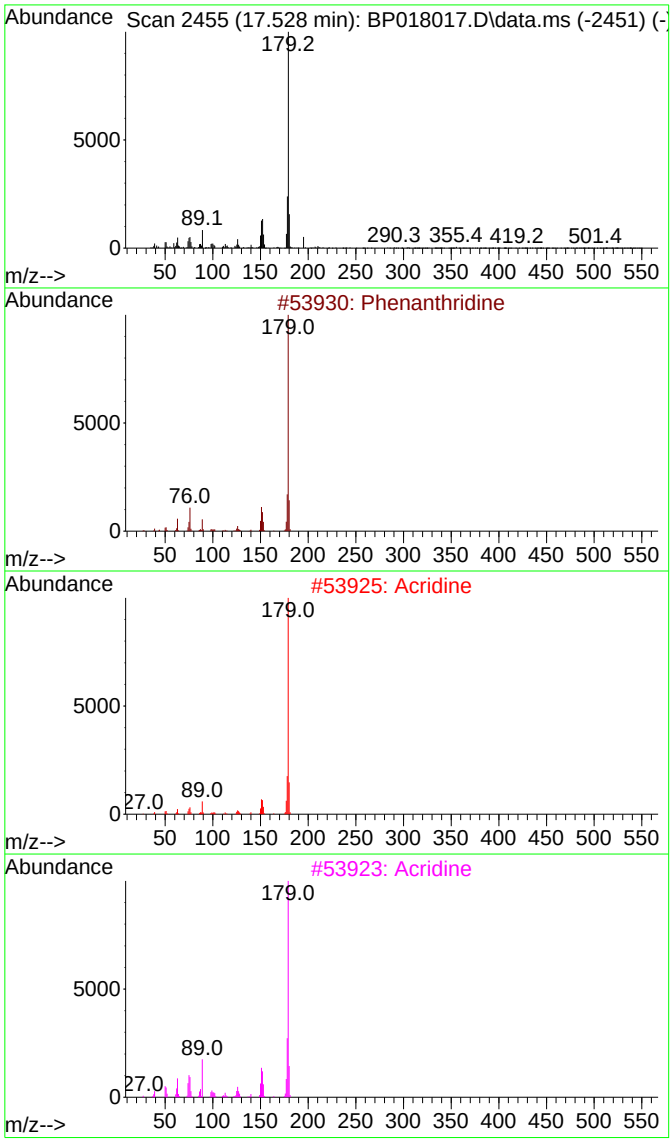
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

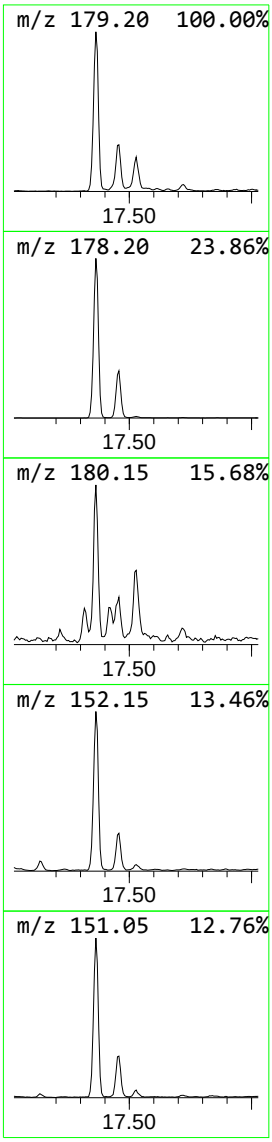
****

Peak Number 11 Phenanthridine Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.528	3.14 ng/ul	219593	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthridine	179	C13H9N	000229-87-8	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	Phenanthridine	179	C13H9N	000229-87-8	93





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Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

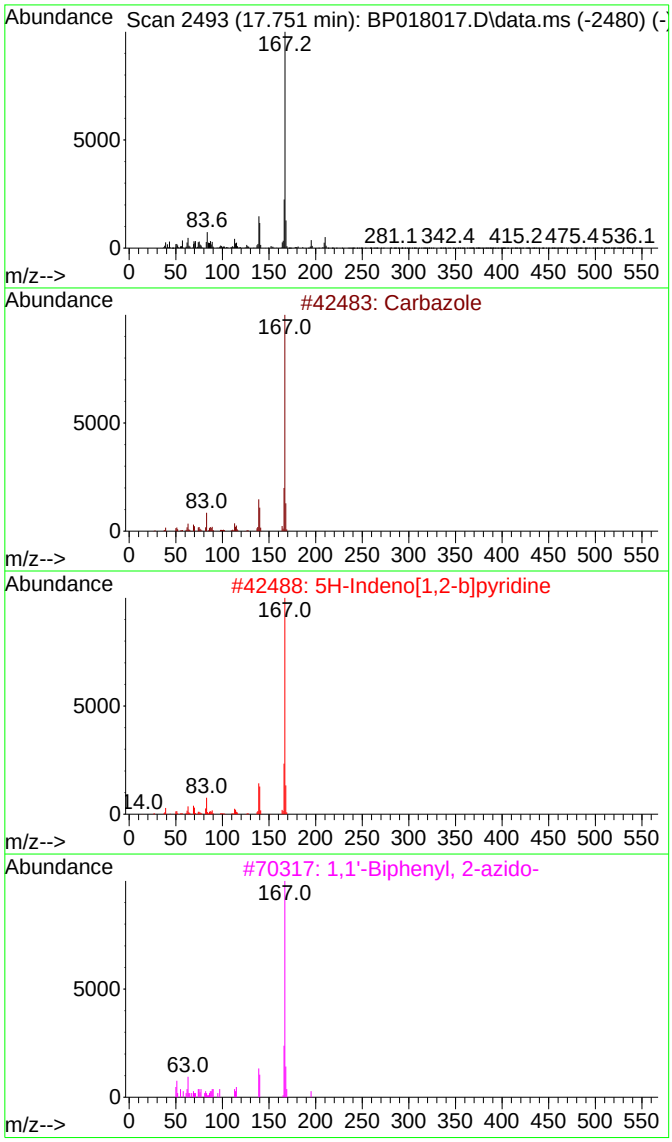
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

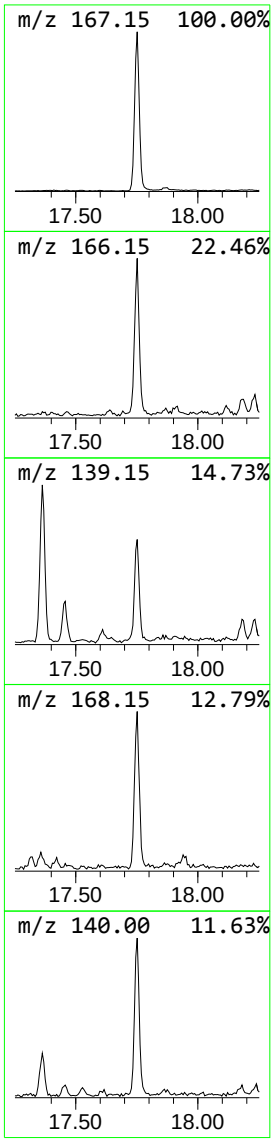
****

Peak Number 12 Carba zole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	10.08 ng/ul	704514	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	95
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
3	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	91
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
5	Carbazole	167	C12H9N	000086-74-8	87





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Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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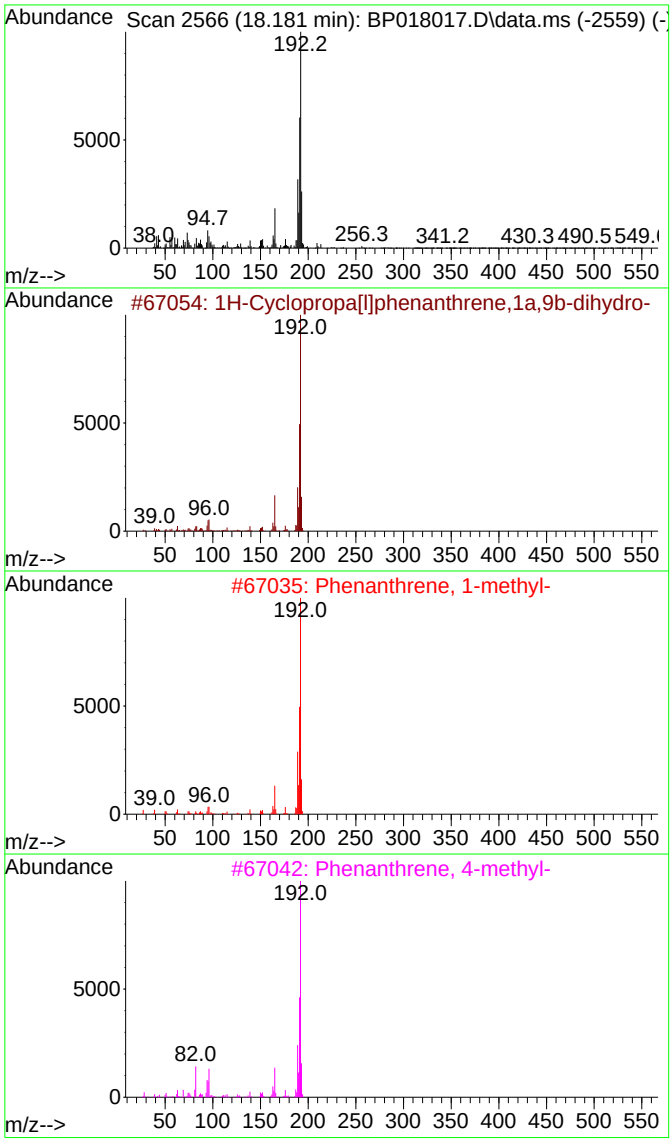
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

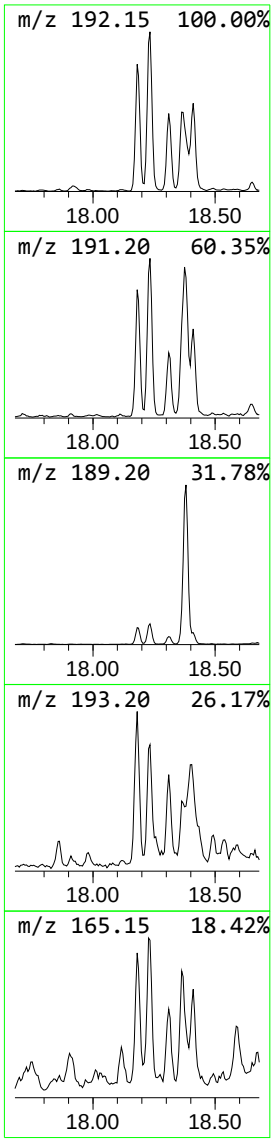
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.181	12.19 ng/ul	851794	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

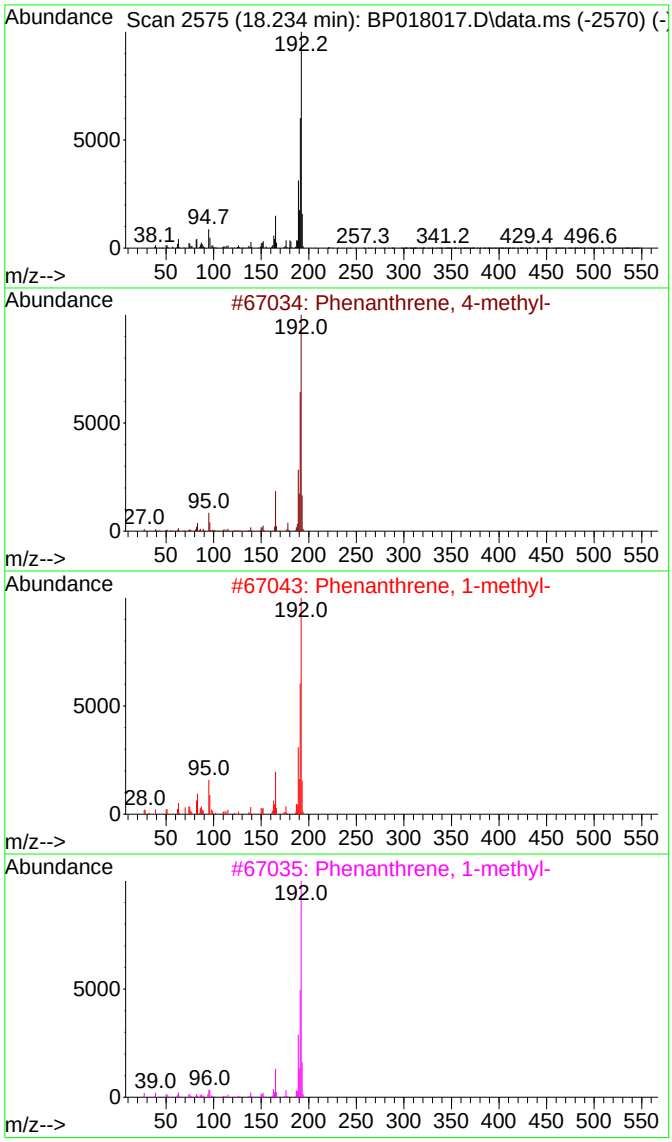
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

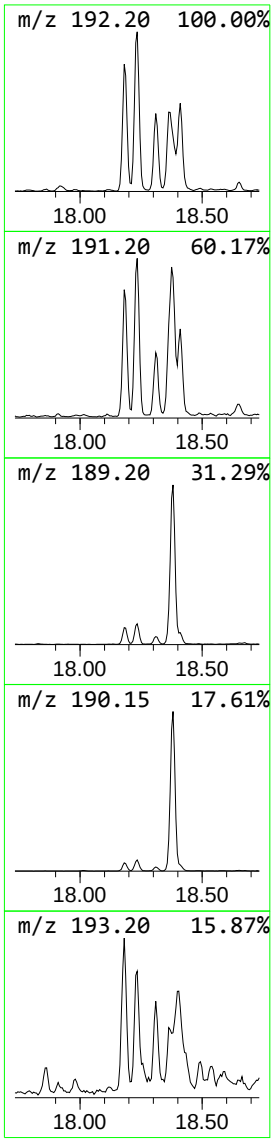
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	9.11 ng/ul	636325	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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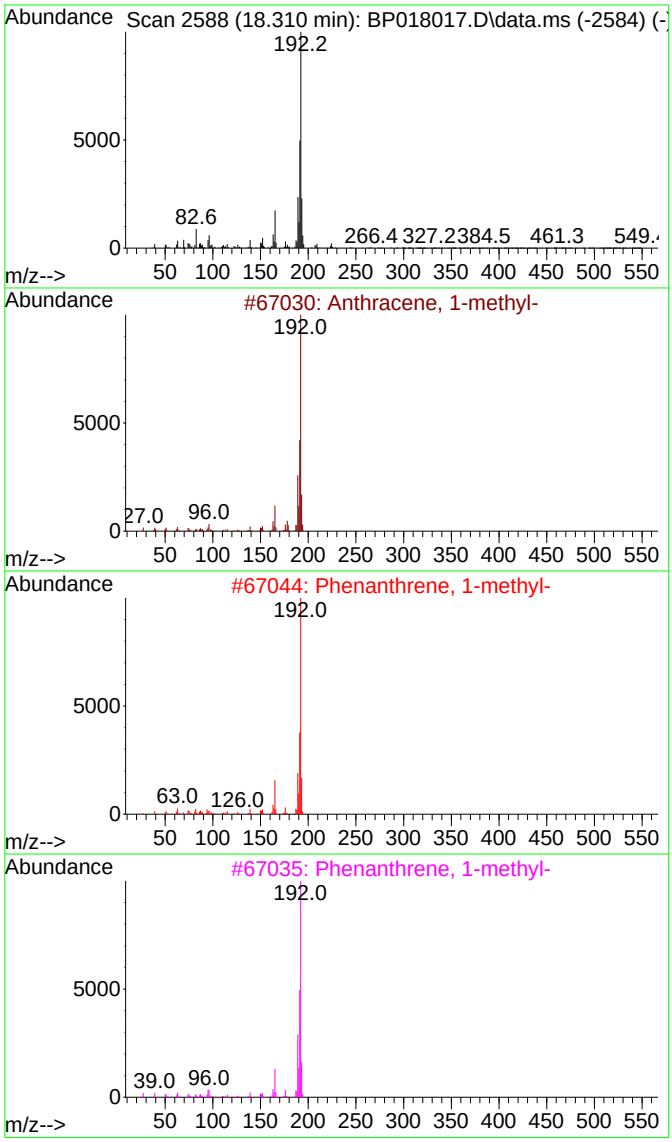
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

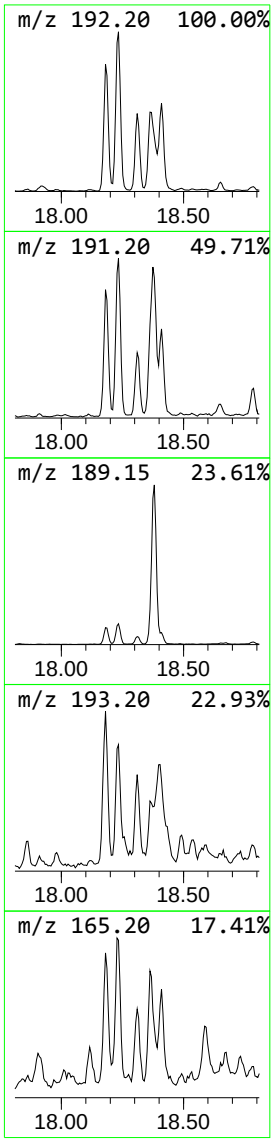
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	3.46 ng/ul	241514	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Sample : 05091-08
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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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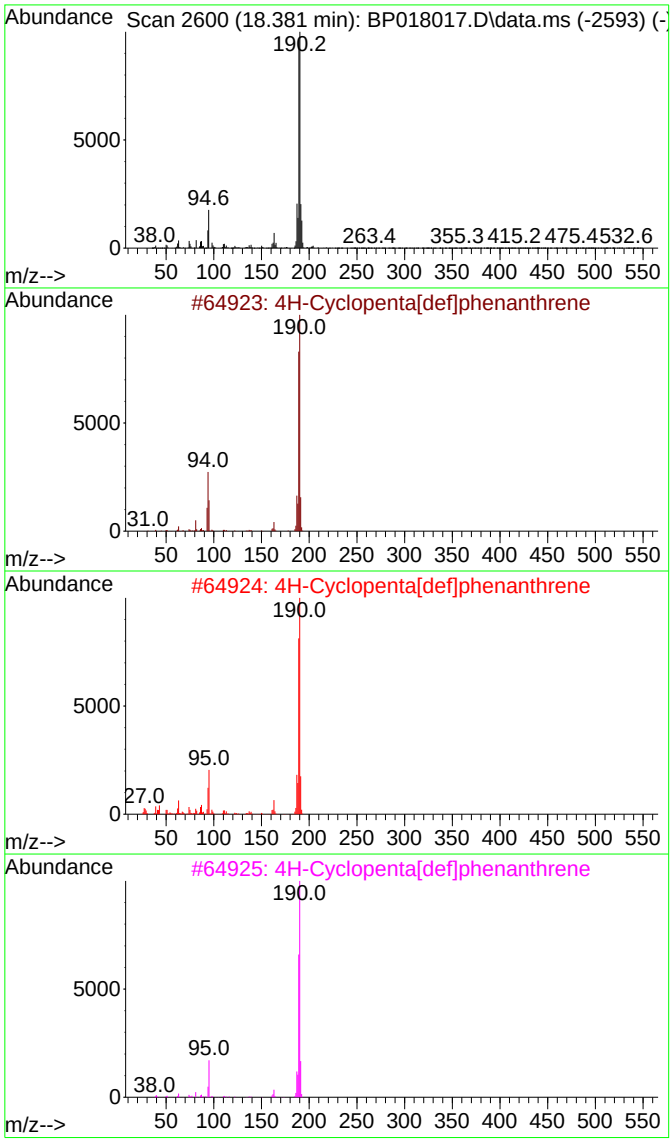
Quant Title : SVOA CALIBRATION

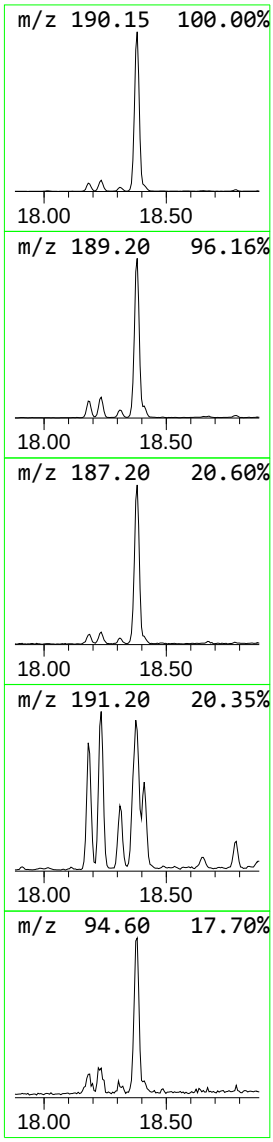
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	24.85 ng/ul	1736410	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56





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ALS Vial : 24 Sample Multiplier: 1

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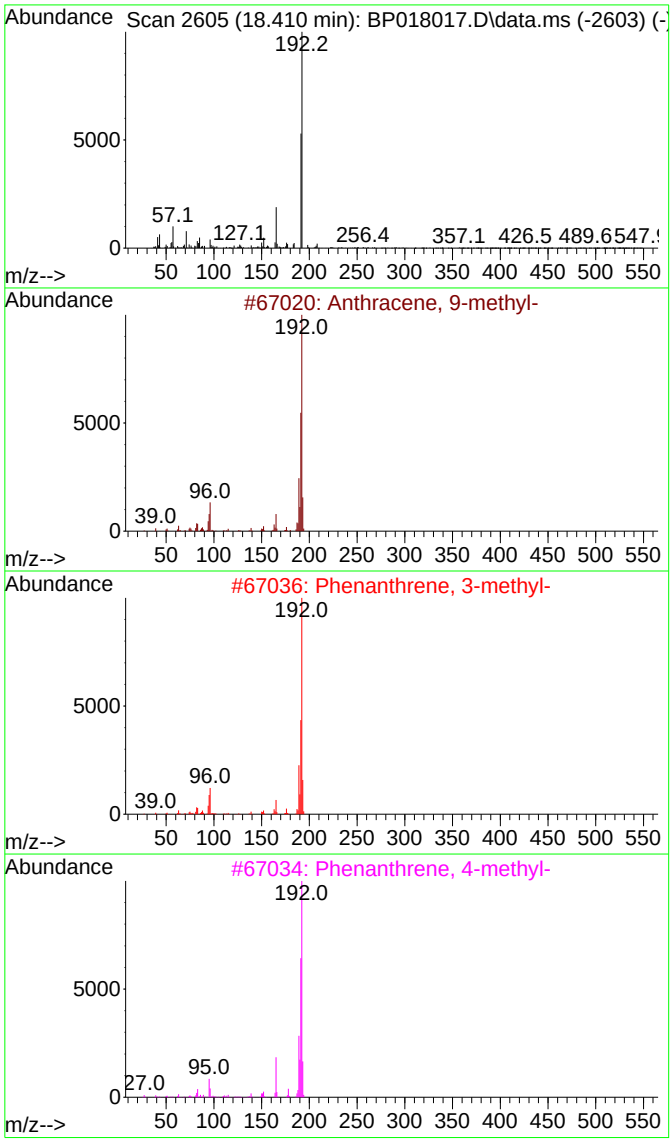
Quant Title : SVOA CALIBRATION

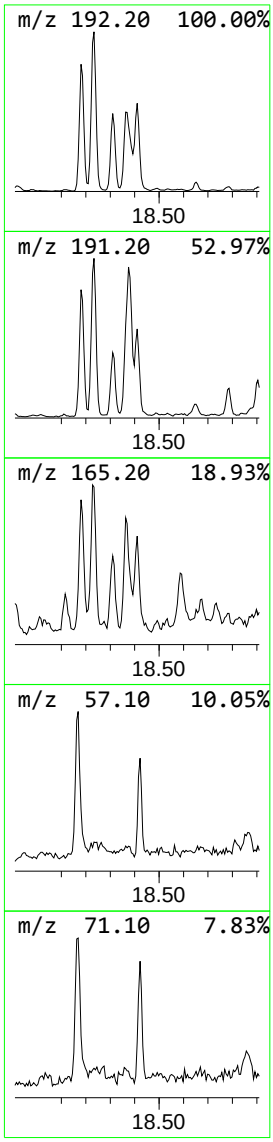
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.410	5.06 ng/ul	353542	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78





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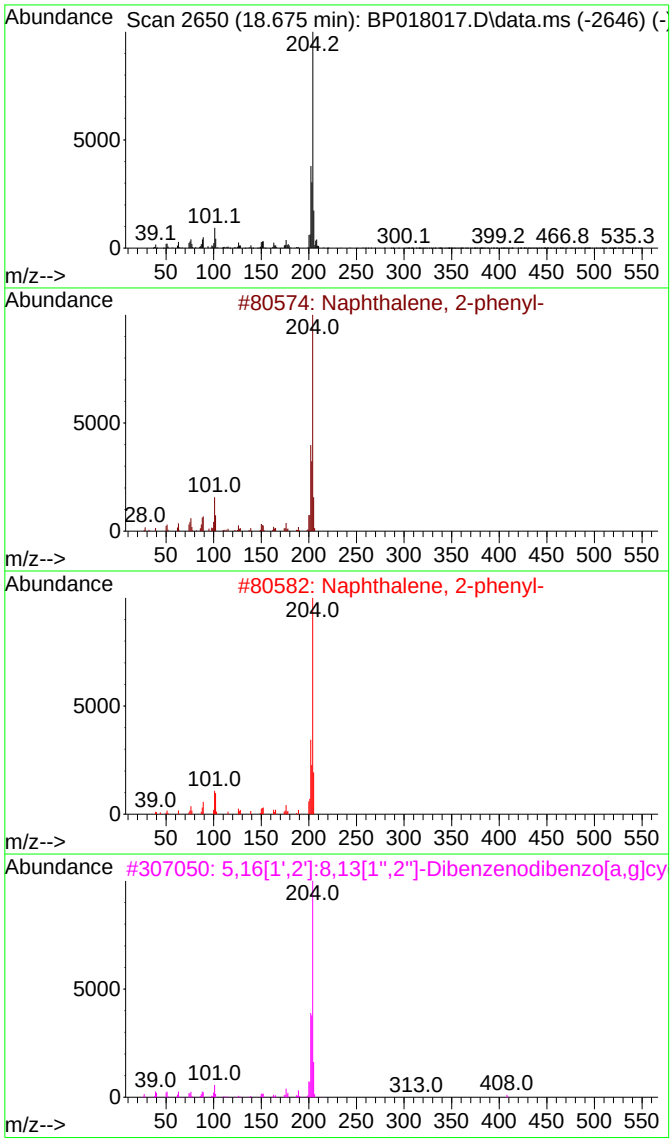
Quant Title : SVOA CALIBRATION

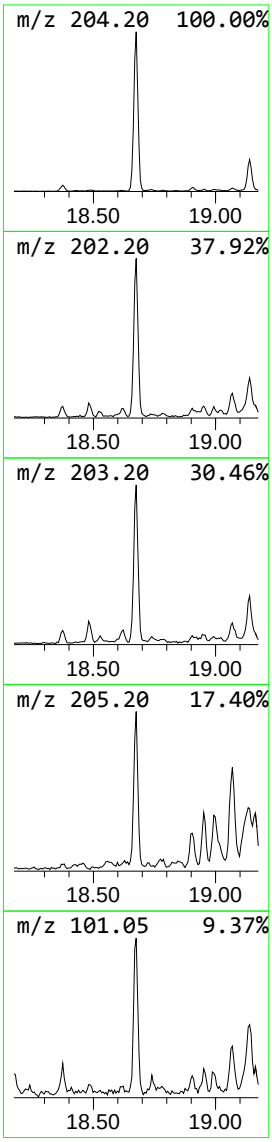
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.675	6.24 ng/ul	436408	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Data File : BP018017.D
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Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

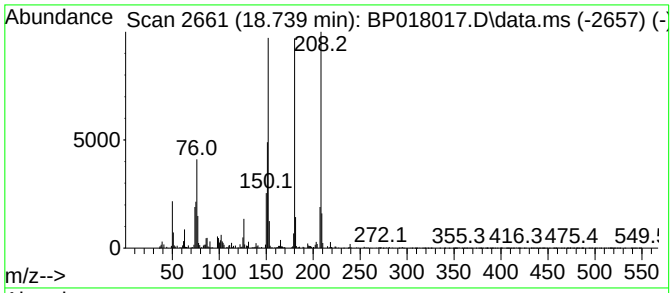
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

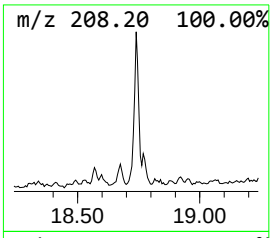
****

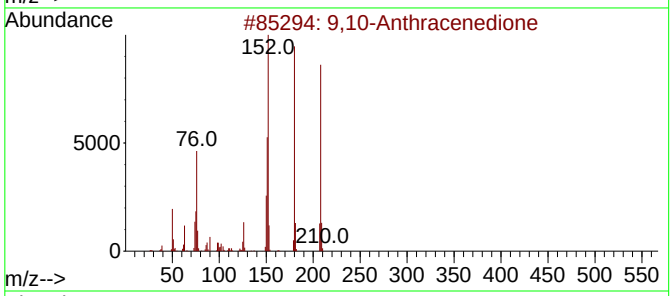
Peak Number 20 9,10-Anthracenedione Concentration Rank 13

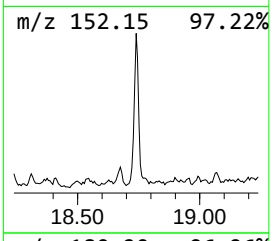
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	5.05 ng/ul	353045	Phenanthrene-d10	17.316

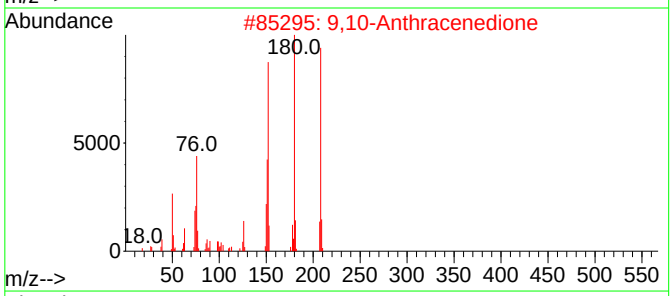
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83

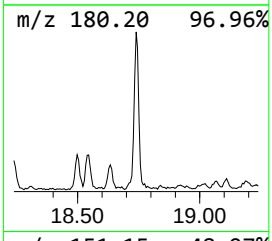


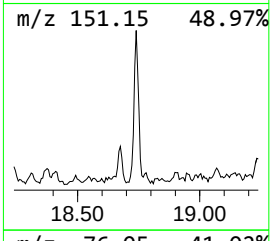


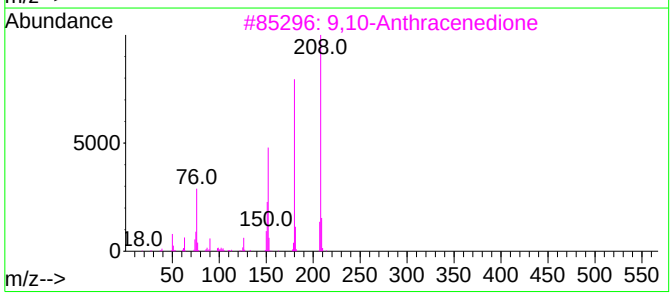


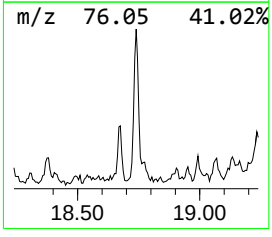












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Data File : BP018017.D
Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

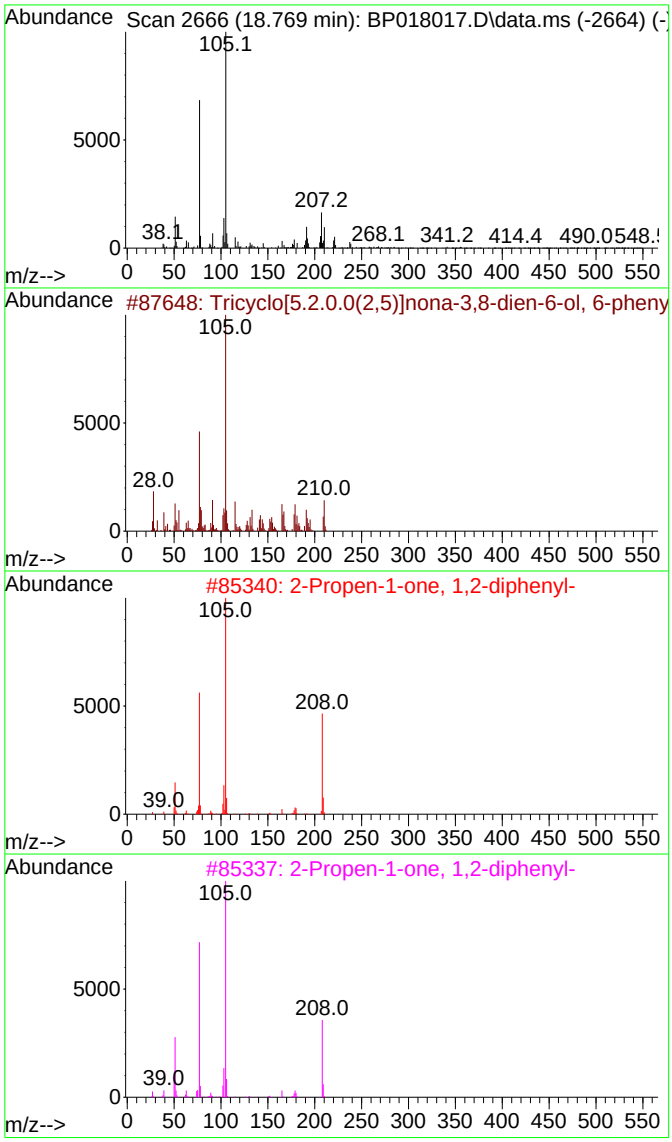
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

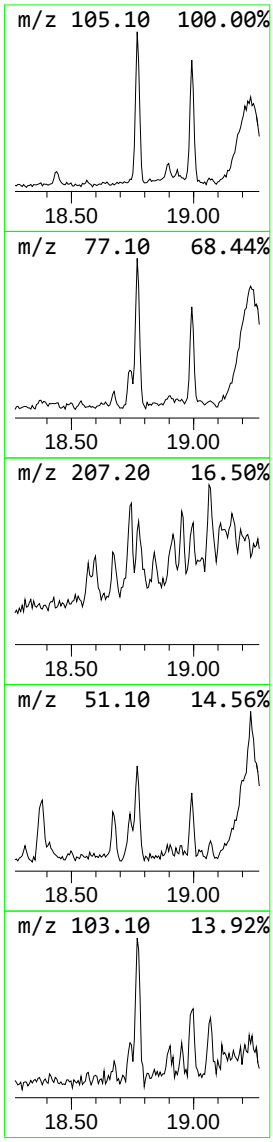
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Tricyclo[5.2.0.0(2,5)]nona-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.769	2.89 ng/ul	202046	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.2.0.0(2,5)]nona-3,8-d...	210	C15H14O	056771-50-7	53
2	2-Propen-1-one, 1,2-diphenyl-	208	C15H12O	004452-11-3	49
3	2-Propen-1-one, 1,2-diphenyl-	208	C15H12O	004452-11-3	47
4	N-Benzoylglycine ethyl ester	207	C11H13NO3	001499-53-2	47
5	trans-3,5-Diphenyl-4-nitro-2-iso...	268	C15H12N2O3	050899-24-6	47





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Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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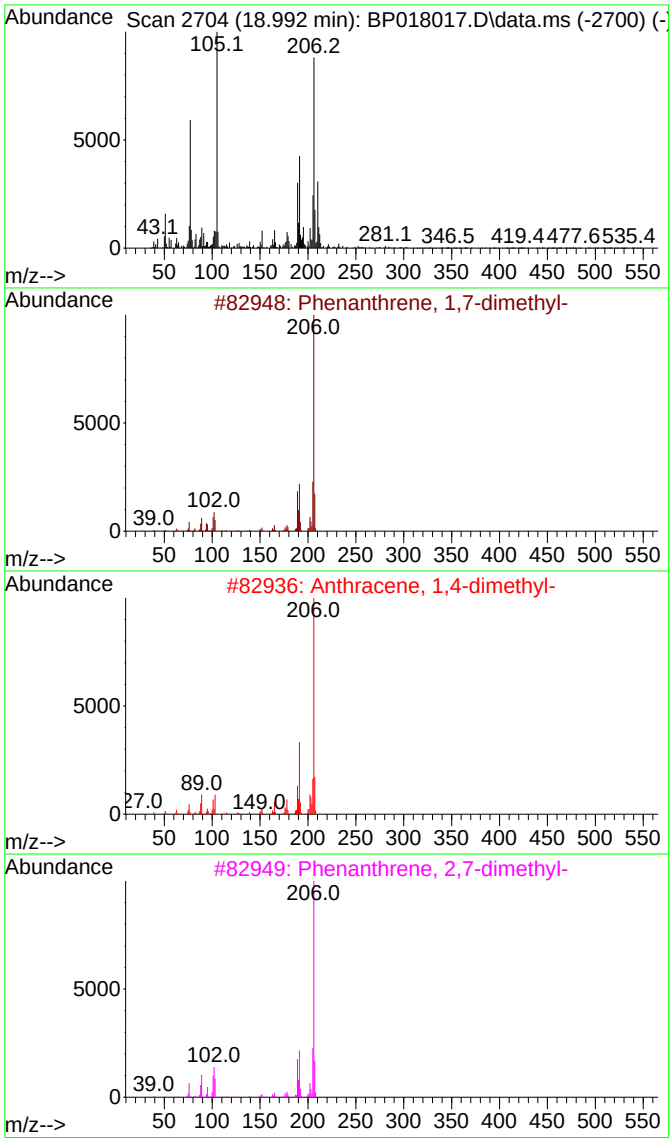
Quant Title : SVOA CALIBRATION

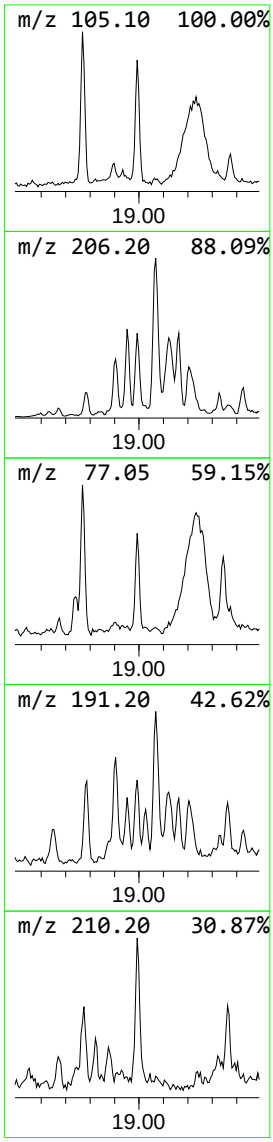
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenanthrene, 1,7-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	3.19 ng/ul	222966	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	60
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	58





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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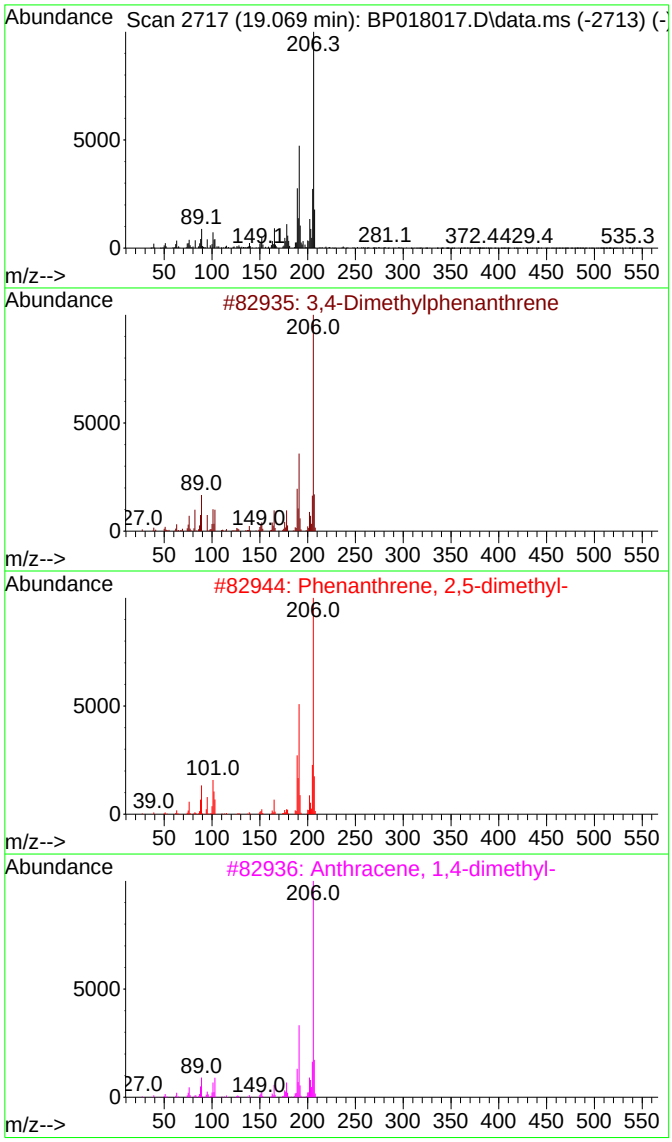
Quant Title : SVOA CALIBRATION

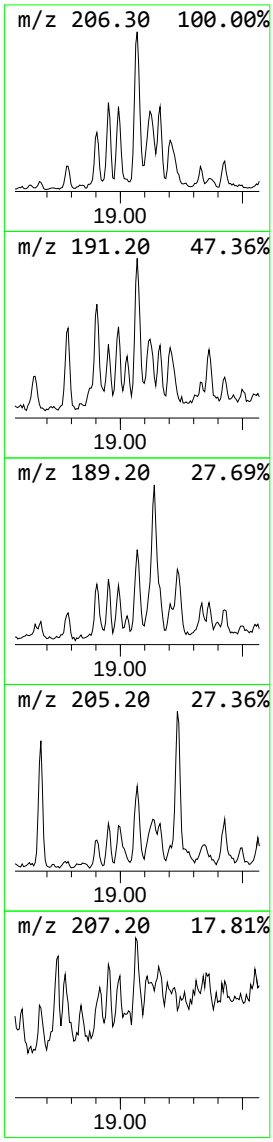
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 3,4-Dimethylphenanthrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.069	3.28 ng/ul	229050	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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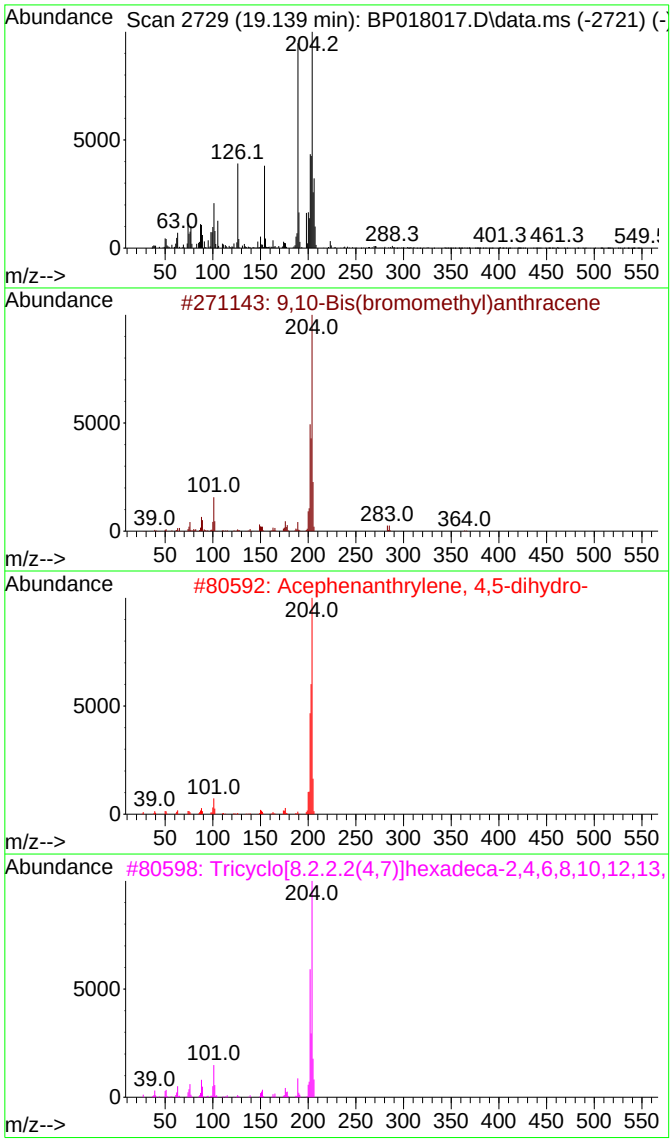
Quant Title : SVOA CALIBRATION

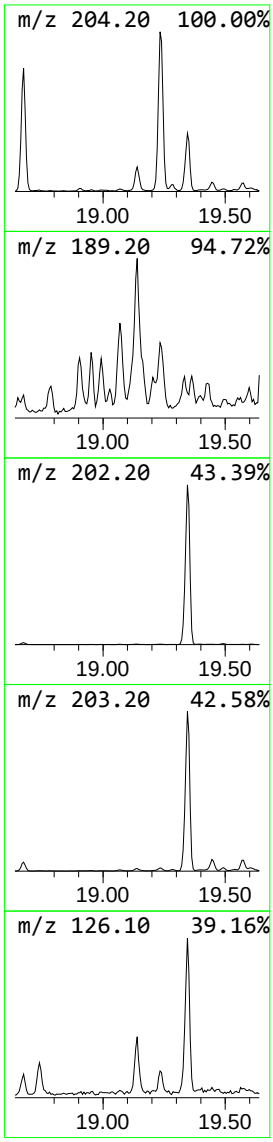
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 9,10-Bis(bromomethyl)anthra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	4.40 ng/ul	307626	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	42
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	42
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	35





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Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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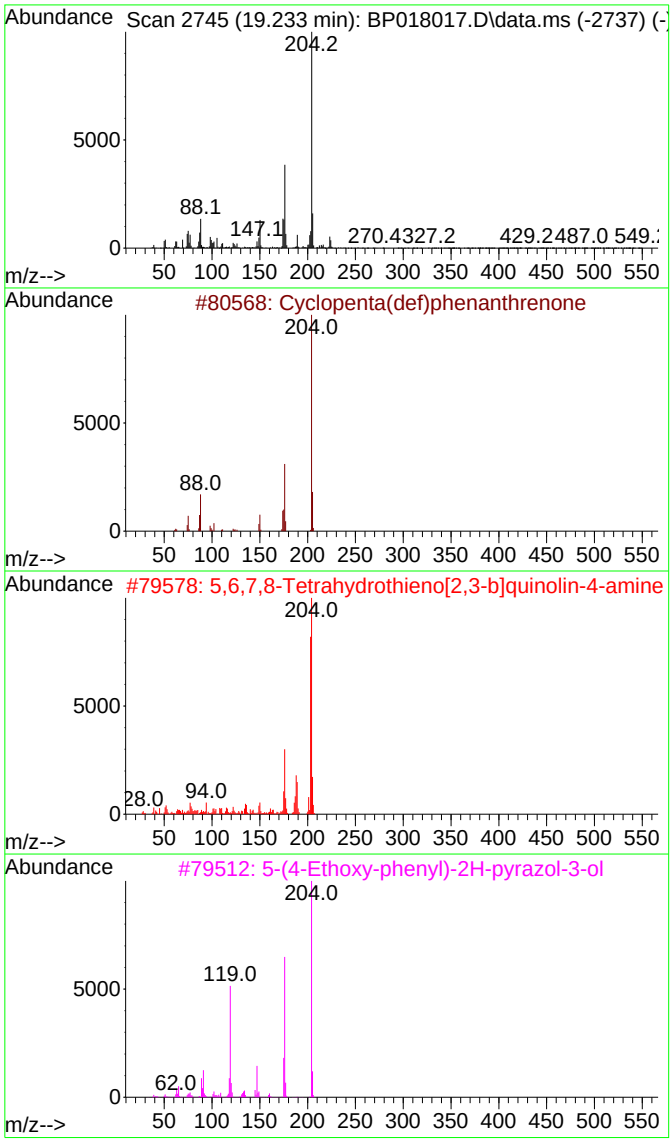
Quant Title : SVOA CALIBRATION

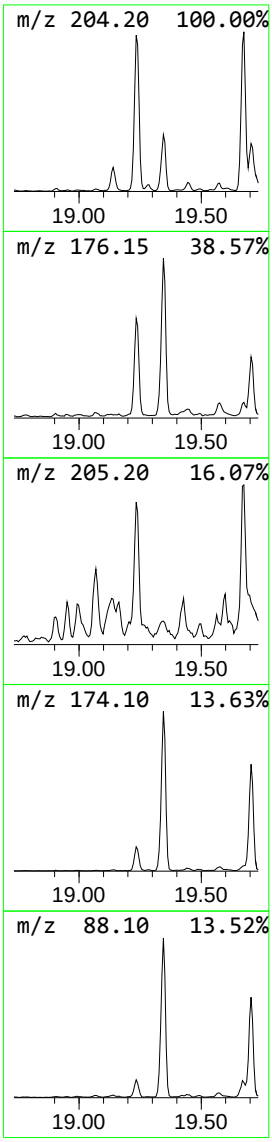
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	15.62 ng/ul	1091760	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
4	4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	50
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	46





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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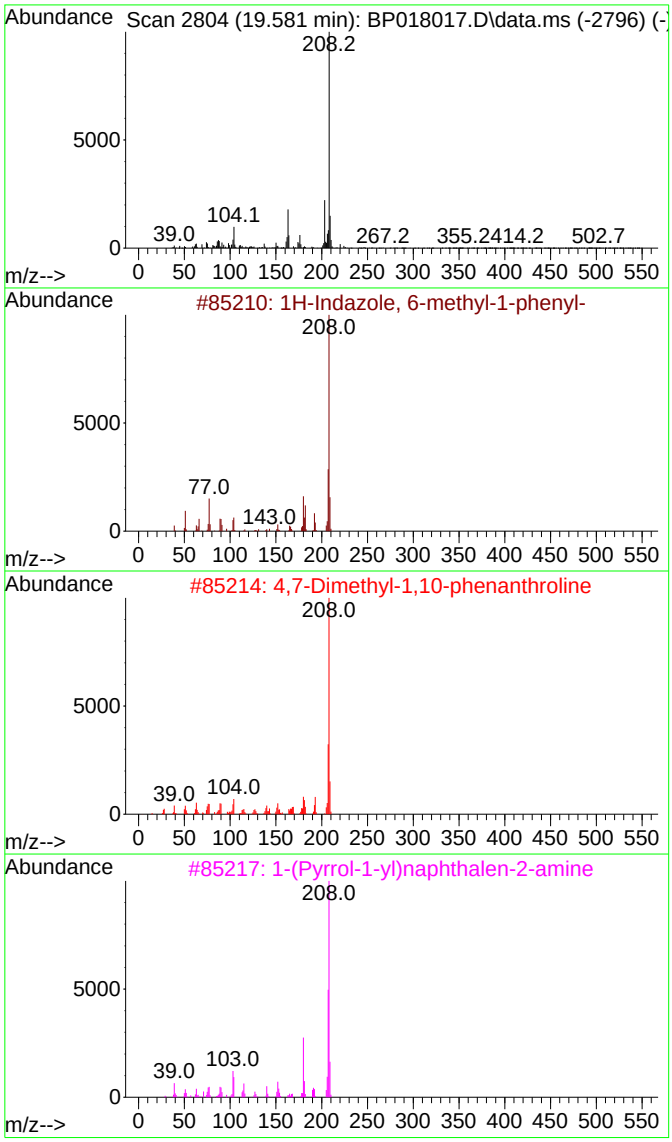
Quant Title : SVOA CALIBRATION

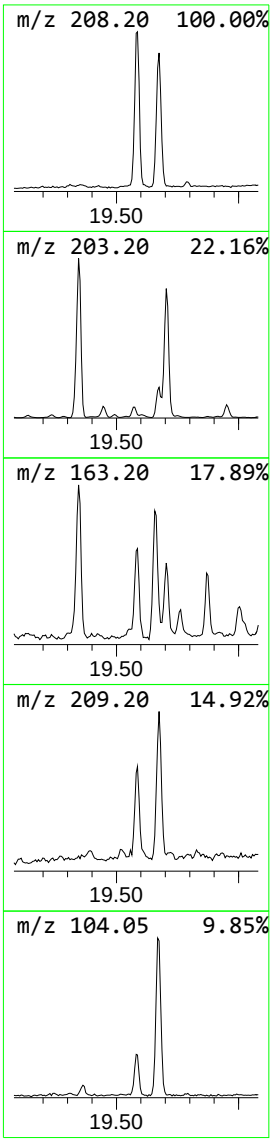
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1H-Indazole, 6-methyl-1-phe... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.581	2.88 ng/ul	768690	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 6-methyl-1-phenyl-	208	C14H12N2	1010305-65-6	53
2	4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	52
3	1-(Pyrrol-1-yl)naphthalen-2-amine	208	C14H12N2	1000459-83-6	50
4	1,2-Dimethoxy-4-(3-methoxy-1-pro...	208	C12H16O3	1000313-35-0	50
5	3,4-Dimethoxycinnamic acid	208	C11H12O4	002316-26-9	47





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Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

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Quant Title : SVOA CALIBRATION

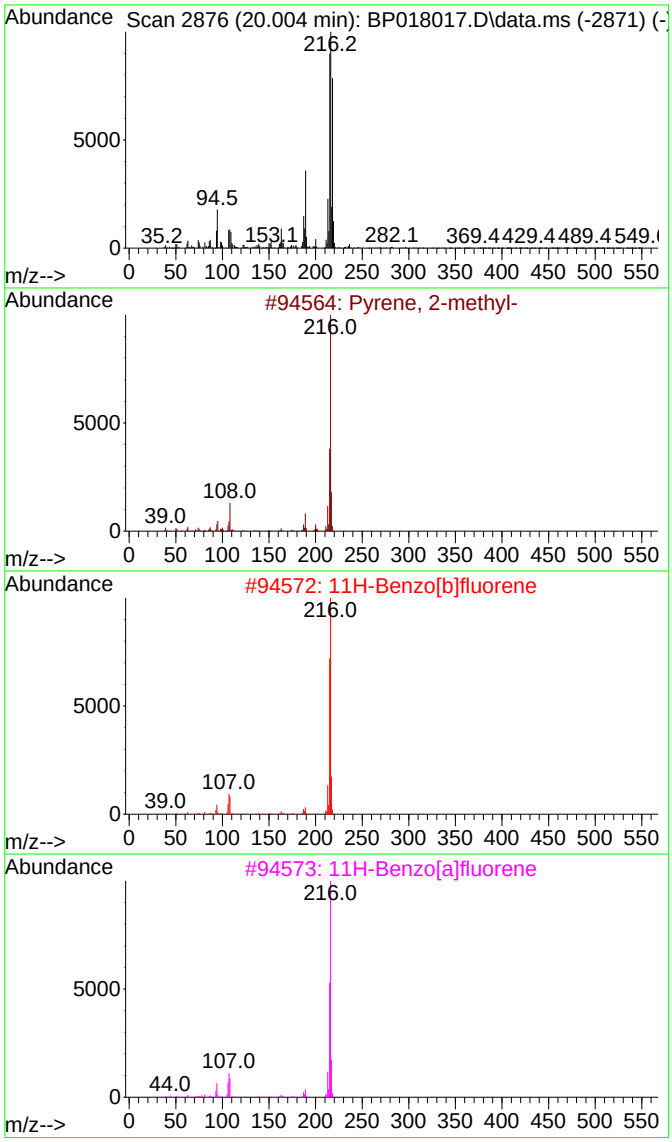
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

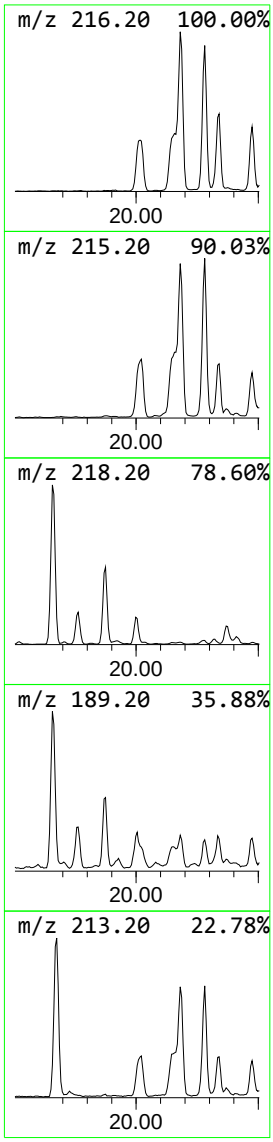
****

Peak Number 27 Pyrene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.004	3.13 ng/ul	837346	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58





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Operator : MA/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

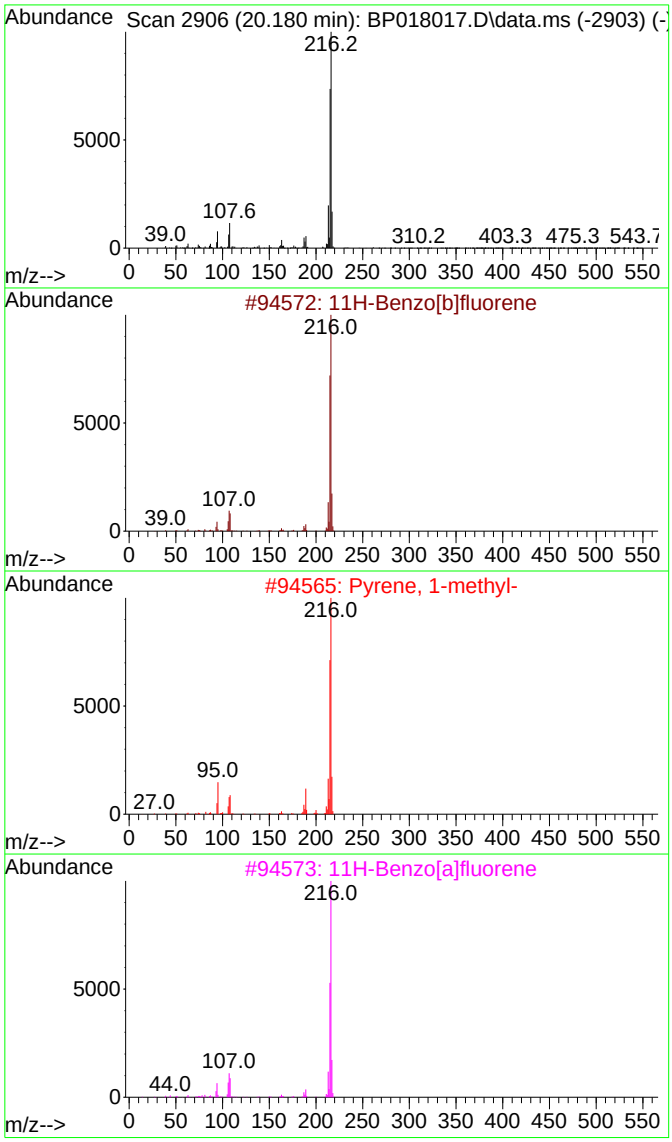
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

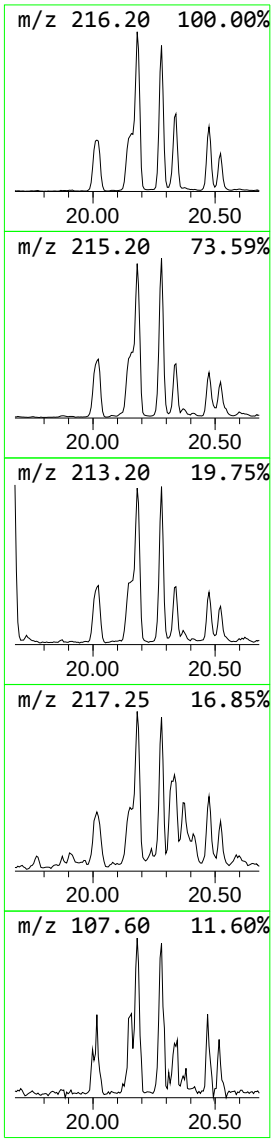
****

Peak Number 29 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	4.14 ng/ul	1105070	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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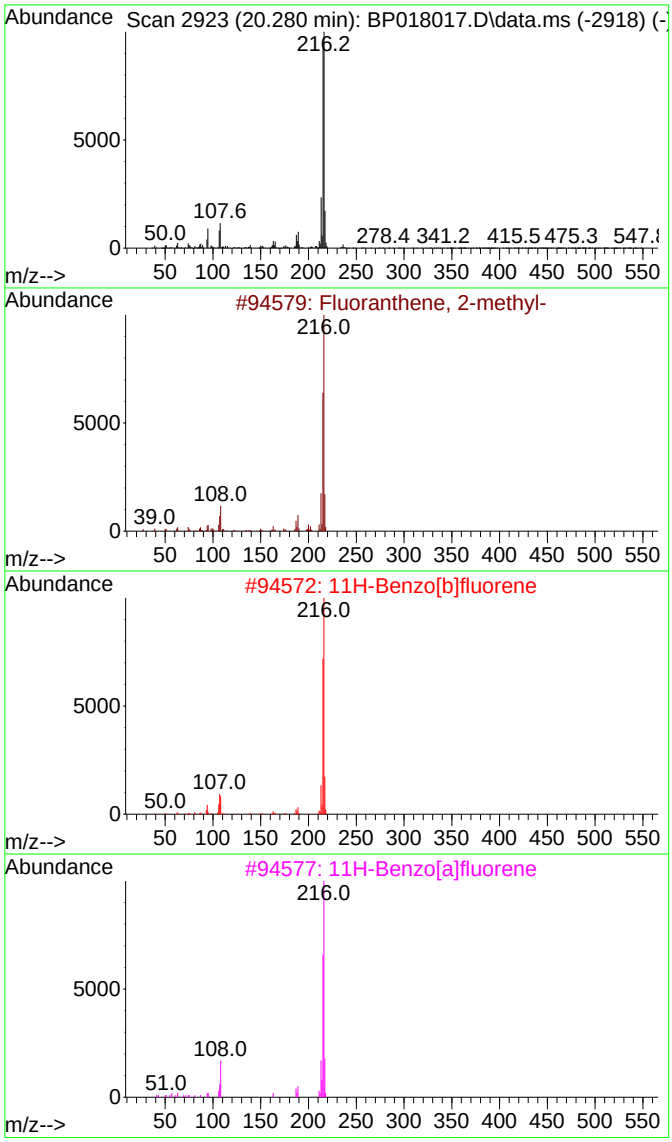
Quant Title : SVOA CALIBRATION

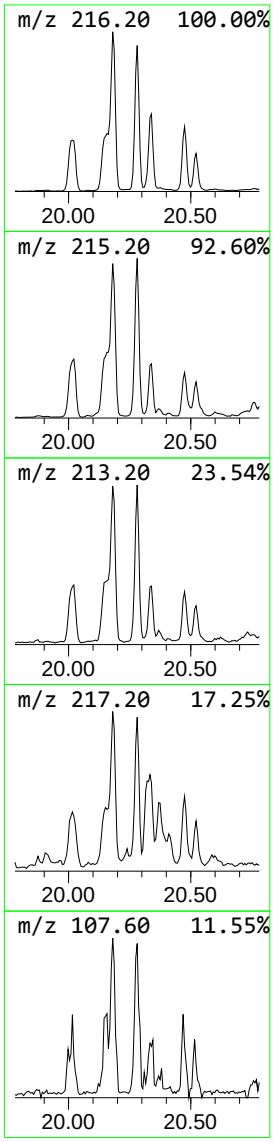
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.281	3.88 ng/ul	1035650	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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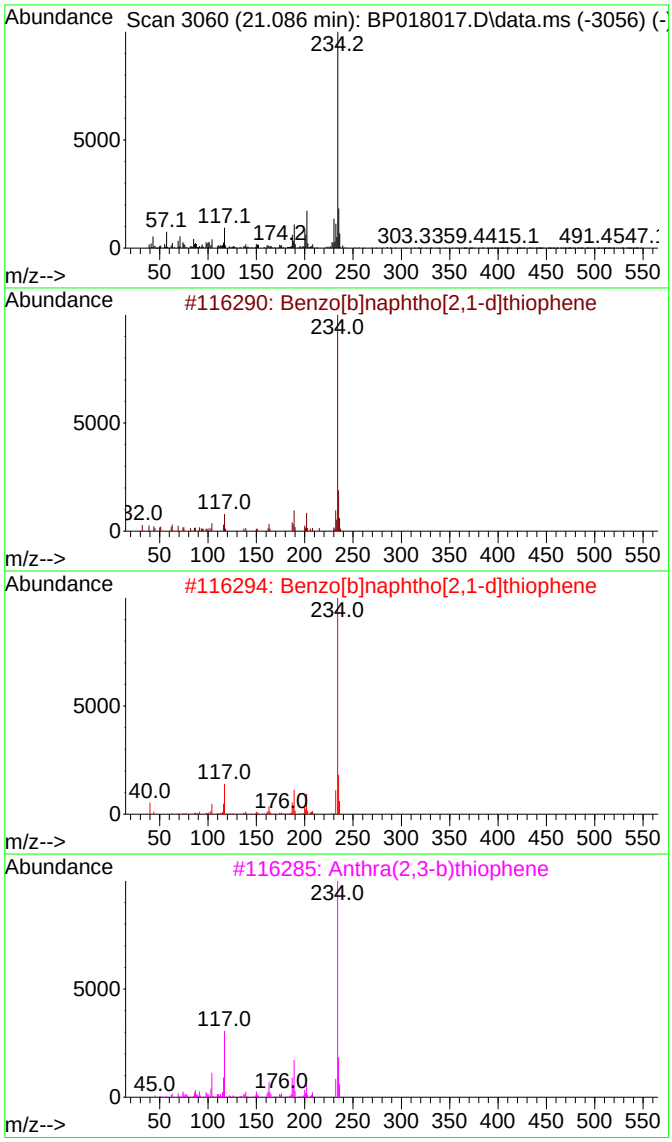
Quant Title : SVOA CALIBRATION

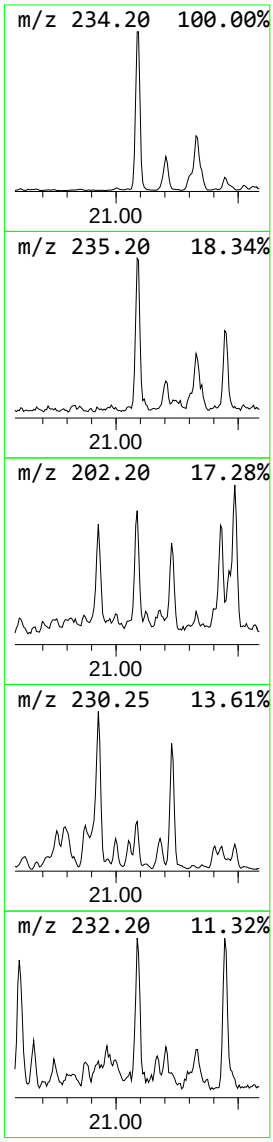
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	2.98 ng/ul	796748	Chrysene-d12	21.445

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[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018017.D
Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

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

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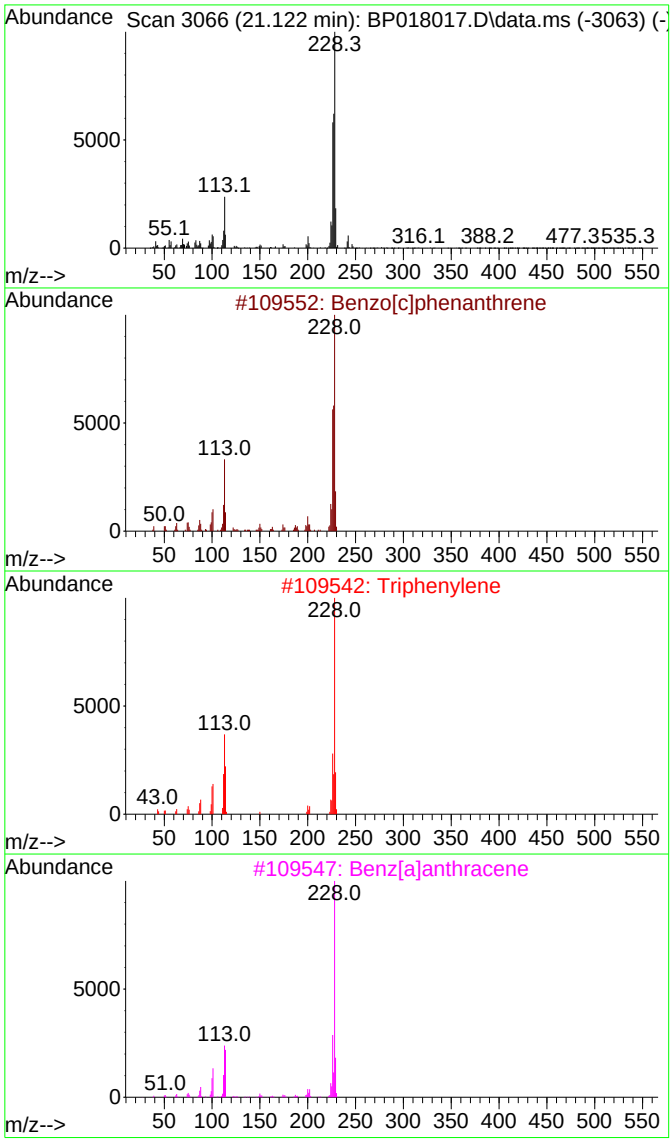
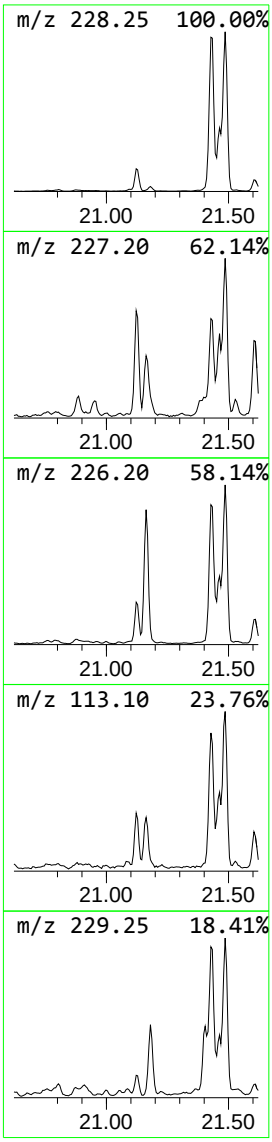
Peak Number 32 Benzo[c]phenanthrene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.122	3.04 ng/ul	812988	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	76
2	Triphenylene	228	C18H12	000217-59-4	55
3	Benz[a]anthracene	228	C18H12	000056-55-3	50
4	Chrysene	228	C18H12	000218-01-9	50
5	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	49





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Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

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

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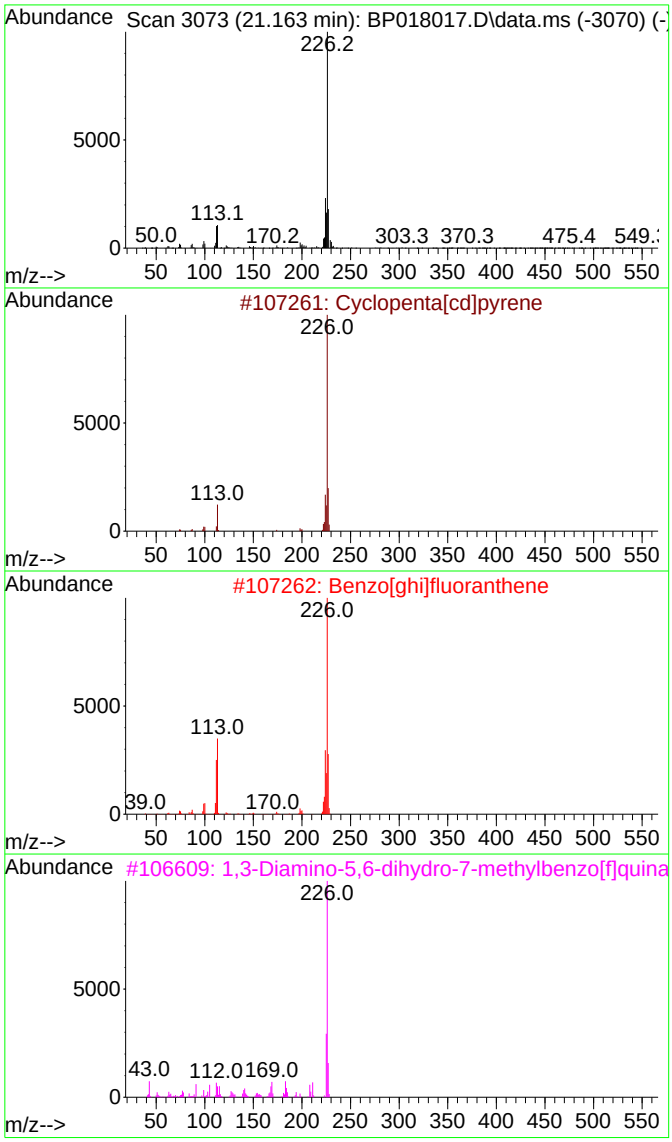
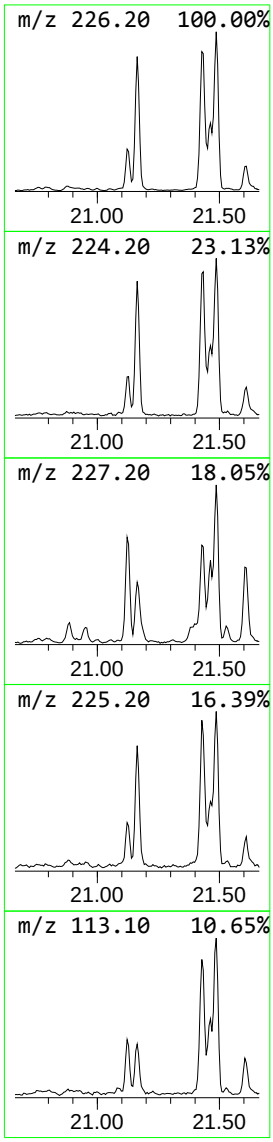
Peak Number 33 Cyclopenta[cd]pyrene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.163	3.01 ng/ul	802938	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	59
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
4	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	53
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53





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Data File : BP018017.D
Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

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

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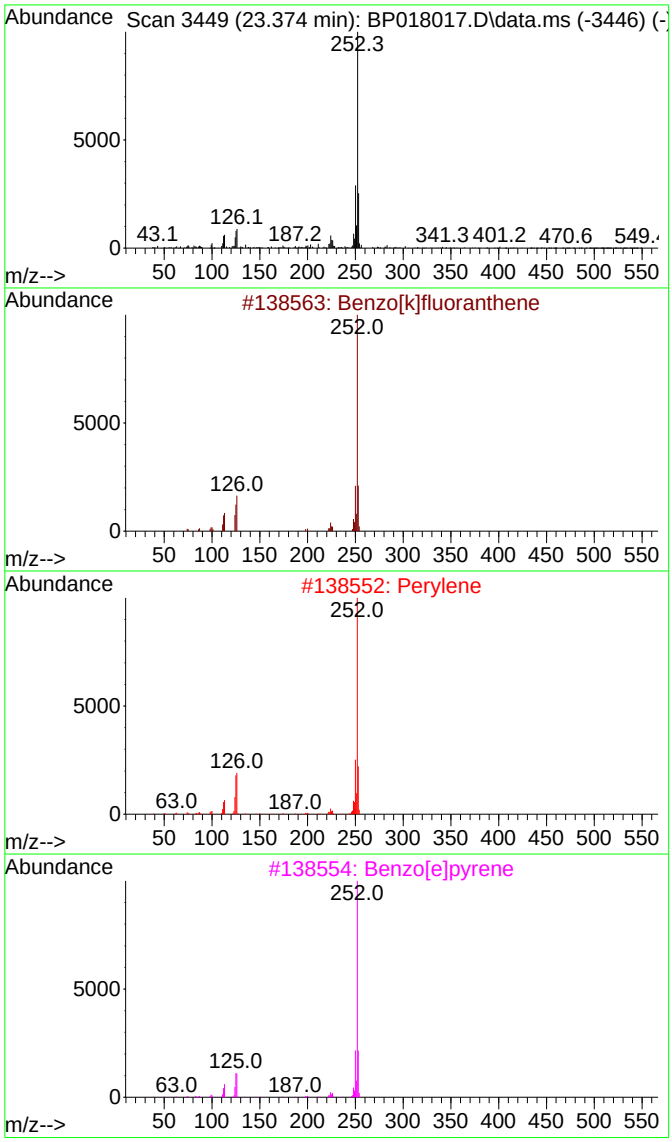
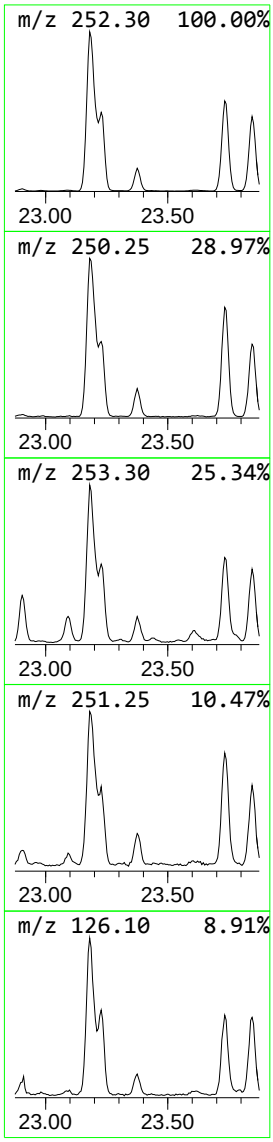
Peak Number 34 Perylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.374	5.40 ng/ul	321999	Perylene-d12	23.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Data File : BP018017.D
Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

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

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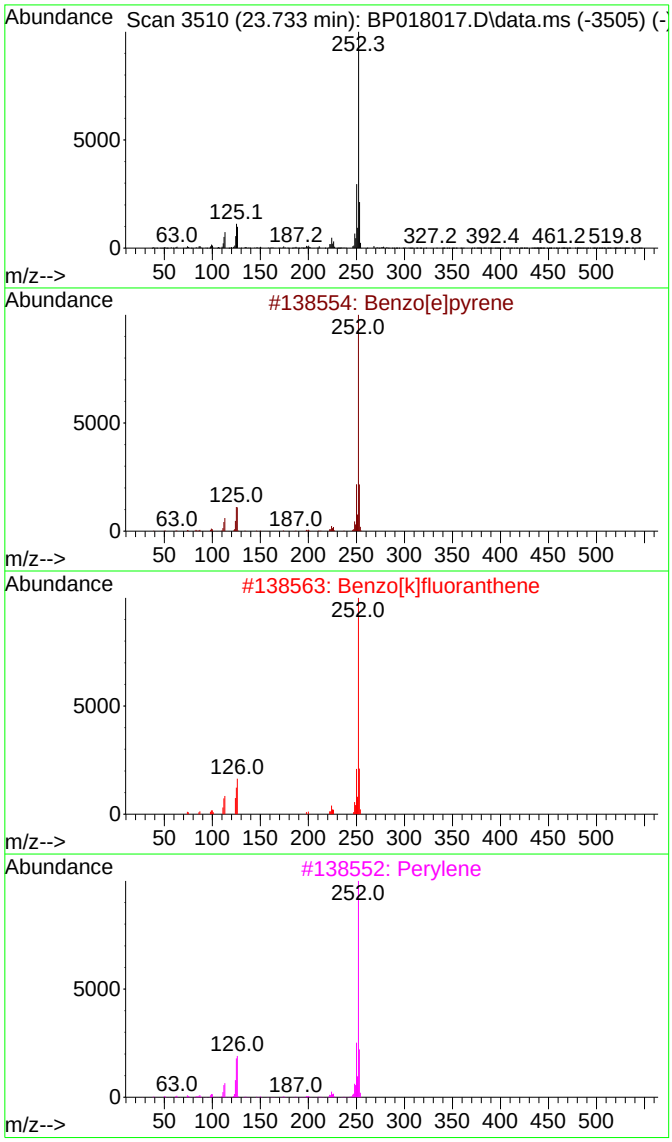
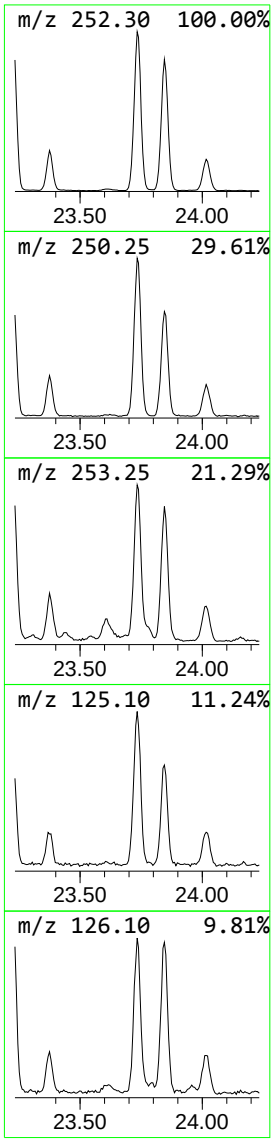
Peak Number 35 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.733	27.81 ng/ul	1658460	Perylene-d12	23.957

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	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018017.D
Acq On : 10 Nov 2023 07:59
Operator : MA/JU
Sample : 05091-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.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	8.722	19.1	ng/ul	595989	1	7.863	622933	20.0
Benzoic acid	9.957	2.8	ng/ul	119812	2	10.687	858892	20.0
Dibenzo furan	14.940	9.0	ng/ul	530325	3	14.540	1182580	20.0
[1,1'-Biphenyl]...	16.034	3.9	ng/ul	272619	4	17.316	1397740	20.0
(DEL) Alkane: S...	16.198	3.4	ng/ul	236499	4	17.316	1397740	20.0
9H-Fluorene, 1-...	16.598	3.3	ng/ul	231151	4	17.316	1397740	20.0
3'-Methyl-[1,1'...	17.028	3.6	ng/ul	249750	4	17.316	1397740	20.0
Dibenzothiophene	17.134	5.6	ng/ul	392963	4	17.316	1397740	20.0
Phenanthridine	17.528	3.1	ng/ul	219593	4	17.316	1397740	20.0
Carba zole	17.751	10.1	ng/ul	704514	4	17.316	1397740	20.0
1H-Cyclopropa[1...	18.181	12.2	ng/ul	851794	4	17.316	1397740	20.0
Phenanthrene, 4...	18.233	9.1	ng/ul	636325	4	17.316	1397740	20.0
Anthracene, 1-m...	18.310	3.5	ng/ul	241514	4	17.316	1397740	20.0
4H-Cyclopenta[d...	18.381	24.9	ng/ul	1736410	4	17.316	1397740	20.0
Anthracene, 9-m...	18.410	5.1	ng/ul	353542	4	17.316	1397740	20.0
Naphthalene, 2-...	18.675	6.2	ng/ul	436408	4	17.316	1397740	20.0
9,10-Anthracene...	18.739	5.0	ng/ul	353045	4	17.316	1397740	20.0
Tricyclo[5.2.0....	18.769	2.9	ng/ul	202046	4	17.316	1397740	20.0
Phenanthrene, 1...	18.992	3.2	ng/ul	222966	4	17.316	1397740	20.0
3,4-Dimethylphe...	19.069	3.3	ng/ul	229050	4	17.316	1397740	20.0
9,10-Bis(bromom...	19.139	4.4	ng/ul	307626	4	17.316	1397740	20.0
Cyclopenta(def)...	19.233	15.6	ng/ul	1091760	4	17.316	1397740	20.0
1H-Indazole, 6-...	19.581	2.9	ng/ul	768690	5	21.445	5342430	20.0
Pyrene, 2-methyl-	20.004	3.1	ng/ul	837346	5	21.445	5342430	20.0
11H-Benzo[b]flu...	20.180	4.1	ng/ul	1105070	5	21.445	5342430	20.0
Fluoranthene, 2...	20.281	3.9	ng/ul	1035650	5	21.445	5342430	20.0
Benzo[b]naphtho...	21.086	3.0	ng/ul	796748	5	21.445	5342430	20.0
Benzo[c]phenant...	21.122	3.0	ng/ul	812988	5	21.445	5342430	20.0
Cyclopenta[cd]p...	21.163	3.0	ng/ul	802938	5	21.445	5342430	20.0
Perylene	23.374	5.4	ng/ul	321999	6	23.957	1192810	20.0
Benzo[e]pyrene	23.733	27.8	ng/ul	1658460	6	23.957	1192810	20.0