LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017905.D
Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCKH1

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-BP101823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017905.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.046	667	673	684	rBV2	141215	305168	3.16%	0.398%
2	7.222	698	703	711	rBV	109665	184222	1.90%	0.240%
3	7.399	727	733	742	rBV	165690	281813	2.91%	0.368%
4	7.875	808	814	823	rBV	516246	844589	8.73%	1.101%
5	8.410	897	905	913	rBV	40157	74127	0.77%	0.097%
6	8.604	931	938	951	rBV	146925	271750	2.81%	0.354%
7	8.734	954	960	973	rVB	168066	294416	3.04%	0.384%
8	9.087	1009	1020	1031	rBV	146423	267358	2.76%	0.349%
9	9.799	1134	1141	1148	rBV	126236	221414	2.29%	0.289%
10	9.975	1163	1171	1180	rBV	25952	71213	0.74%	0.093%
11	10.334	1226	1232	1241	rBV	158707	302234	3.13%	0.394%
12	10.704	1287	1295	1301	rBV	657966	1097379	11.35%	1.431%
13	10.757	1301	1304	1316	rVB	65485	109792	1.14%	0.143%
14	10.887	1321	1326	1339	rVV	85251	176080	1.82%	0.230%
15	12.375	1574	1579	1587	rBV	53871	90427	0.94%	0.118%
16	13.404	1746	1754	1760	rBV3	51241	91730	0.95%	0.120%
17	13.881	1830	1835	1840	rVV2	38607	71861	0.74%	0.094%
18	13.992	1848	1854	1866	rVB	348566	487598	5.04%	0.636%
19	14.269	1895	1901	1905	rBV	360663	580708	6.00%	0.757%
20	14.575	1944	1953	1959	rVV	950598	1370526	14.17%	1.787%
21	14.639	1959	1964	1970	rVV	469256	660448	6.83%	0.861%
22	14.775	1980	1987	1994	rVB6	30341	67220	0.70%	0.088%
23	14.851	1994	2000	2003	rBV3	42804	81663	0.84%	0.107%
24	14.881	2003	2005	2011	rVV2	51460	80082	0.83%	0.104%
25	14.981	2014	2022	2027	rVV	236087	389170	4.02%	0.508%
26	15.039	2027	2032	2043	rVB2	43978	84308	0.87%	0.110%
27	15.581	2119	2124	2128	rVV	481907	674536	6.98%	0.880%
28	15.639	2128	2134	2141	rVV	655673	966692	10.00%	1.261%
29	15.751	2144	2153	2157	rVV2	95497	255580	2.64%	0.333%
30	15.792	2157	2160	2165	rVV2	66472	105515	1.09%	0.138%
31	15.886	2173	2176	2179	rVV2	50650	71235	0.74%	0.093%
32	15.928	2179	2183	2190	rVB	133015	194450	2.01%	0.254%
33	16.075	2202	2208	2216	rBV	129501	284609	2.94%	0.371%
34	16.275	2238	2242	2251	rVB2	70034	118276	1.22%	0.154%
35	16.645	2294	2305	2309	rBV	148414	296994	3.07%	0.387%
36	16.698	2309	2314	2318	rVB3	48790	72158	0.75%	0.094%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017905.D
Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

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-BP101823.MA.M
Title : SVOA CALIBRATION

37	16.798	2328	2331	2335	rVB2	49451	64551	0.67%	0.084%
38	16.869	2336	2343	2346	rBV2	90241	150234	1.55%	0.196%
39	16.910	2346	2350	2353	rBV2	59484	79903	0.83%	0.104%
40	17.075	2374	2378	2390	rVB3	105936	242147	2.50%	0.316%
41	17.180	2391	2396	2402	rBV	204780	309727	3.20%	0.404%
42	17.369	2422	2428	2431	rBV	1010960	1422564	14.71%	1.855%
43	17.416	2431	2436	2441	rVV	3322323	4655901	48.14%	6.072%
44	17.469	2441	2445	2447	rVV2	482971	656873	6.79%	0.857%
45	17.504	2447	2451	2458	rVV	2402036	3371455	34.86%	4.397%
46	17.575	2460	2463	2469	rVB	73618	113060	1.17%	0.147%
47	17.798	2492	2501	2510	rVB	347551	616318	6.37%	0.804%
48	17.886	2511	2516	2520	rVV	166705	239103	2.47%	0.312%
49	17.951	2523	2527	2537	rVB6	55789	129797	1.34%	0.169%
50	18.092	2547	2551	2557	rVB2	41036	73489	0.76%	0.096%
51	18.233	2569	2575	2579	rBV2	398022	712914	7.37%	0.930%
52	18.286	2579	2584	2593	rVB	444080	629758	6.51%	0.821%
53	18.363	2593	2597	2602	rBV	243014	309171	3.20%	0.403%
54	18.433	2602	2609	2612	rBV2	1074582	1619781	16.75%	2.112%
55	18.463	2612	2614	2623	rVB	235983	324629	3.36%	0.423%
56	18.539	2624	2627	2632	rBV3	45017	68671	0.71%	0.090%
57	18.639	2639	2644	2649	rBV3	85510	148416	1.53%	0.194%
58	18.727	2654	2659	2664	rVB	388739	488135	5.05%	0.637%
59	18.792	2665	2670	2673	rBV3	105426	140594	1.45%	0.183%
60	18.927	2690	2693	2696	rBV	111473	126274	1.31%	0.165%
61	18.963	2696	2699	2704	rVV3	70286	97994	1.01%	0.128%
62	19.010	2704	2707	2710	rVB2	91697	99250	1.03%	0.129%
63	19.051	2710	2714	2717	rBV2	121777	173498	1.79%	0.226%
64	19.127	2722	2727	2731	rBV	158542	257936	2.67%	0.336%
65	19.192	2736	2738	2741	rVB	79343	73384	0.76%	0.096%
66	19.292	2746	2755	2761	rBV	985420	1551398	16.04%	2.023%
67	19.404	2767	2774	2780	rBV	7408426	9670742	100.00%	12.612%
68	19.469	2780	2785	2789	rBV3	91183	213069	2.20%	0.278%
69	19.604	2805	2808	2809	rVV2	76650	81941	0.85%	0.107%
70	19.639	2810	2814	2822	rVB2	290119	547121	5.66%	0.714%
71	19.722	2823	2828	2831	rBV2	1510288	2608668	26.97%	3.402%
72	19.763	2831	2835	2841	rVV	6018922	7592883	78.51%	9.902%
73	19.816	2841	2844	2850	rVB2	233890	323535	3.35%	0.422%
74	19.933	2859	2864	2868	rBV	450147	549255	5.68%	0.716%
75	20.010	2874	2877	2881	rVB	211632	247755	2.56%	0.323%
76	20.069	2881	2887	2888	rBV4	337166	524030	5.42%	0.683%

LSC Area Percent Report

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Data File : BP017905.D
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Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

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-BP101823.MA.M
Title : SVOA CALIBRATION

77	20.139	2895	2899	2903	rBV2	170770	276172	2.86%	0.360%
78	20.239	2904	2916	2921	rVB	744985	1732119	17.91%	2.259%
79	20.339	2929	2933	2936	rBV	669622	793600	8.21%	1.035%
80	20.374	2936	2939	2940	rVV	264753	306332	3.17%	0.400%
81	20.398	2941	2943	2946	rVV	385658	412201	4.26%	0.538%
82	20.433	2946	2949	2952	rVV	183770	219185	2.27%	0.286%
83	20.469	2953	2955	2959	rVB2	125639	145341	1.50%	0.190%
84	20.533	2963	2966	2970	rVV	314725	432792	4.48%	0.564%
85	20.580	2971	2974	2981	rVB2	248853	388338	4.02%	0.506%
86	20.674	2986	2990	2994	rBV2	130015	210443	2.18%	0.274%
87	20.992	3040	3044	3050	rVB	268720	354679	3.67%	0.463%
88	21.151	3067	3071	3074	rBV2	586911	791043	8.18%	1.032%
89	21.186	3074	3077	3081	rVV	554320	803159	8.31%	1.047%
90	21.227	3081	3084	3090	rVV2	452898	836950	8.65%	1.092%
91	21.292	3093	3095	3101	rVB	261821	311123	3.22%	0.406%
92	21.498	3122	3130	3137	rBV2	2538745	5607362	57.98%	7.313%
93	21.557	3137	3140	3144	rVB	2306270	2755828	28.50%	3.594%
94	21.680	3157	3161	3164	rBV	217139	289656	3.00%	0.378%
95	22.151	3238	3241	3251	rVB3	288280	637766	6.59%	0.832%
96	22.333	3269	3272	3276	rBV	134587	183178	1.89%	0.239%
97	23.280	3427	3433	3439	rBV	1075091	2873769	29.72%	3.748%
98	23.845	3523	3529	3534	rBV	515327	1096399	11.34%	1.430%
99	23.957	3543	3548	3556	rVB	617357	1193753	12.34%	1.557%
100	24.074	3562	3568	3573	rBV	588177	1124104	11.62%	1.466%

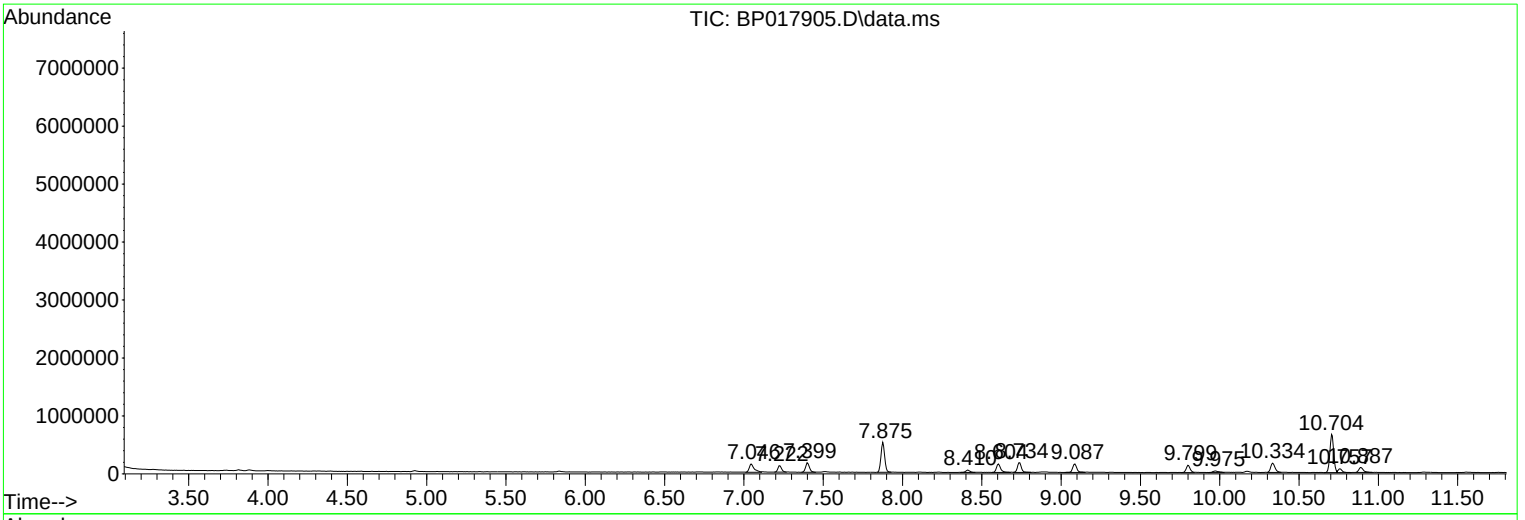
Sum of corrected areas: 76678557

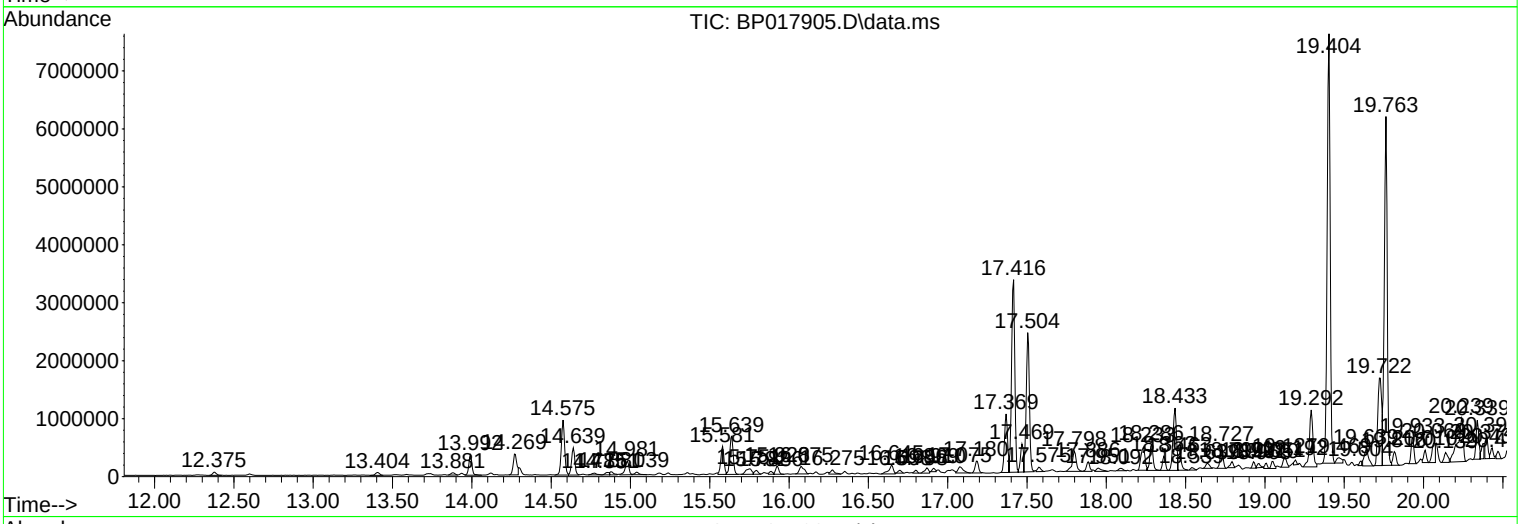
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017905.D
Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

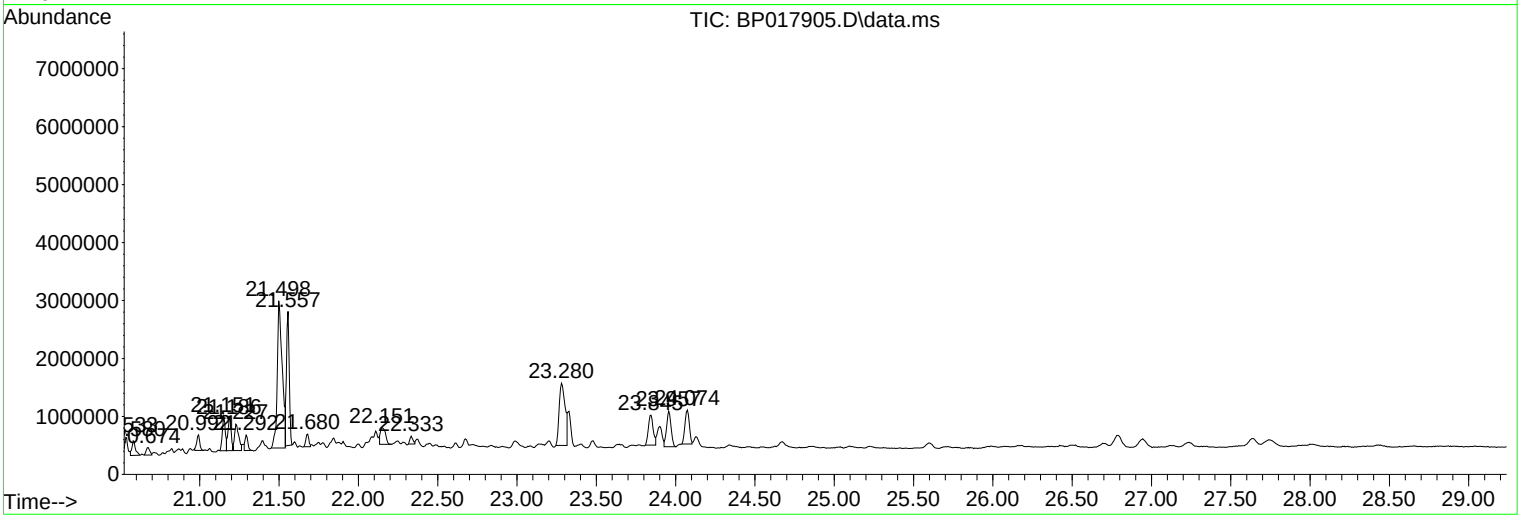
Instrument :
BNA_P
ClientSampleId :
DCKH1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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\BP110123\
Data File : BP017905.D
Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

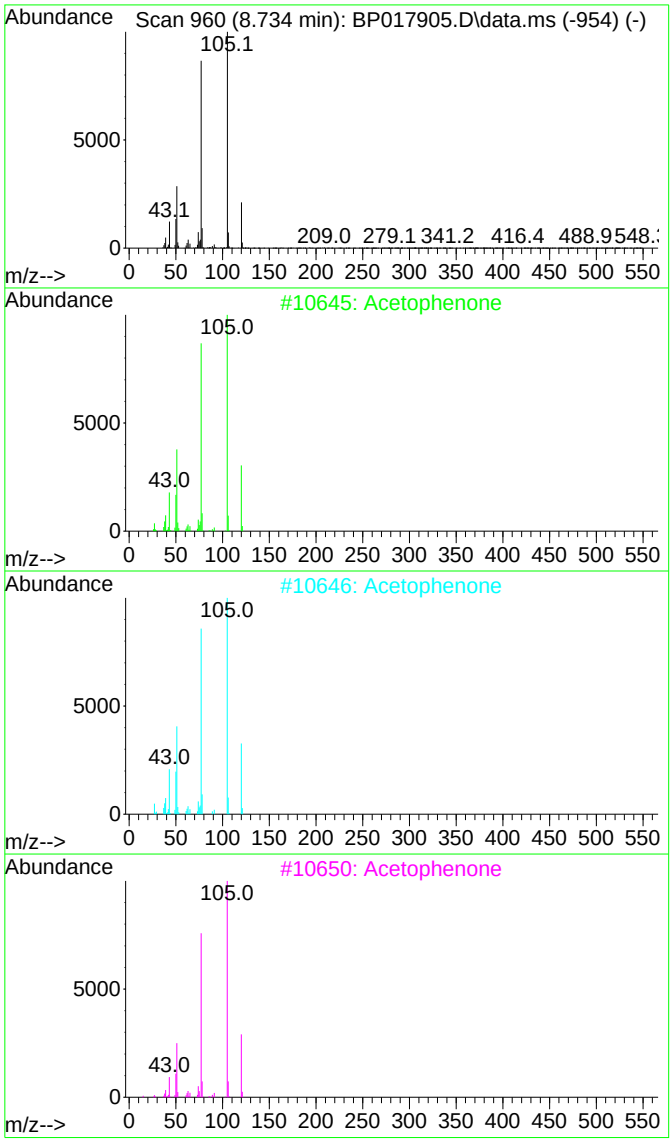
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

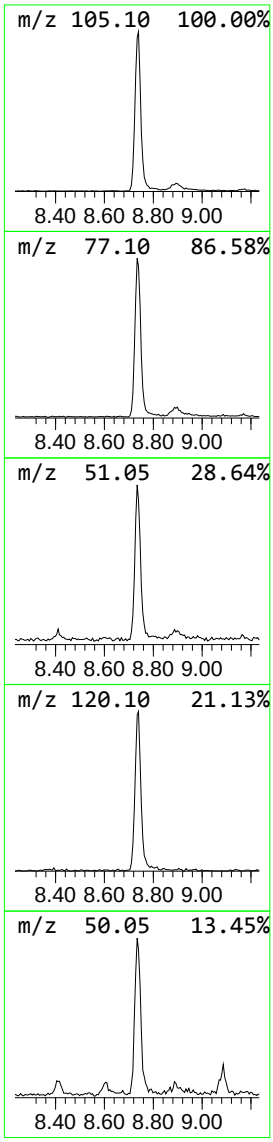
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.734	6.97 ng/ul	294416	1,4-Dichlorobenzene-d4	7.875

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	94
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Acetophenone	120	C8H8O	000098-86-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017905.D
Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

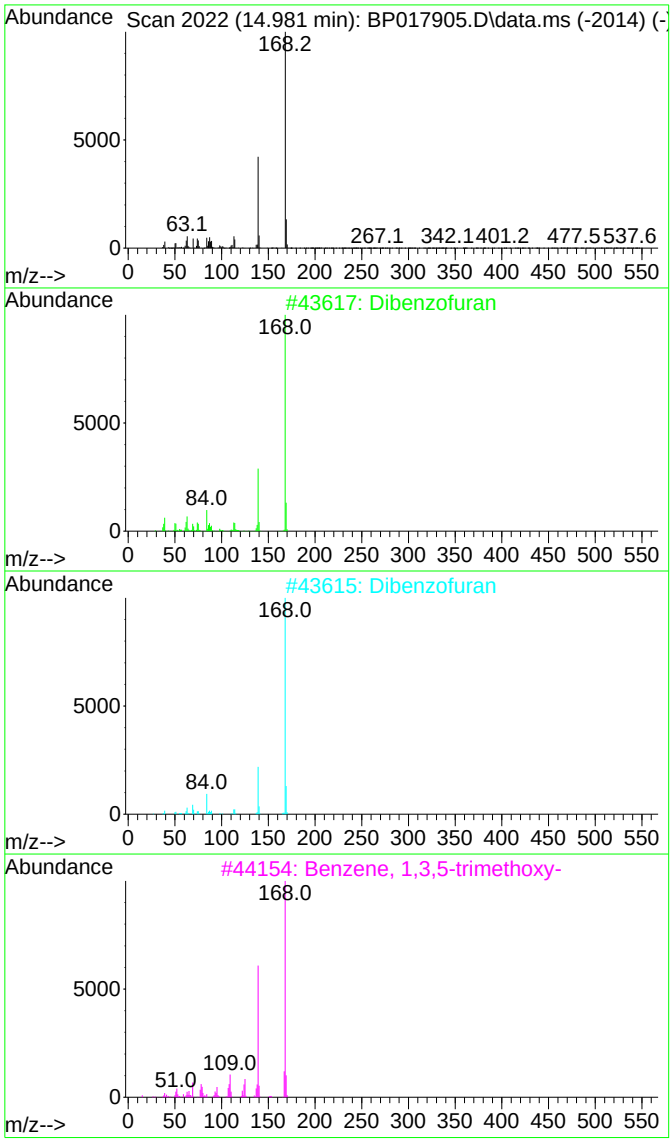
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

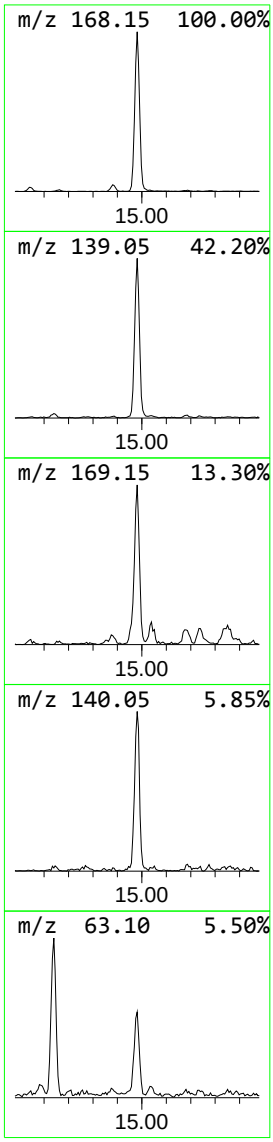
****

Peak Number 2 Diben zofuran Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.981	5.68 ng/ul	389170	Acenaphthene-d10	14.575

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	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	64
4	Dibenzofuran	168	C12H8O	000132-64-9	64
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017905.D
Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

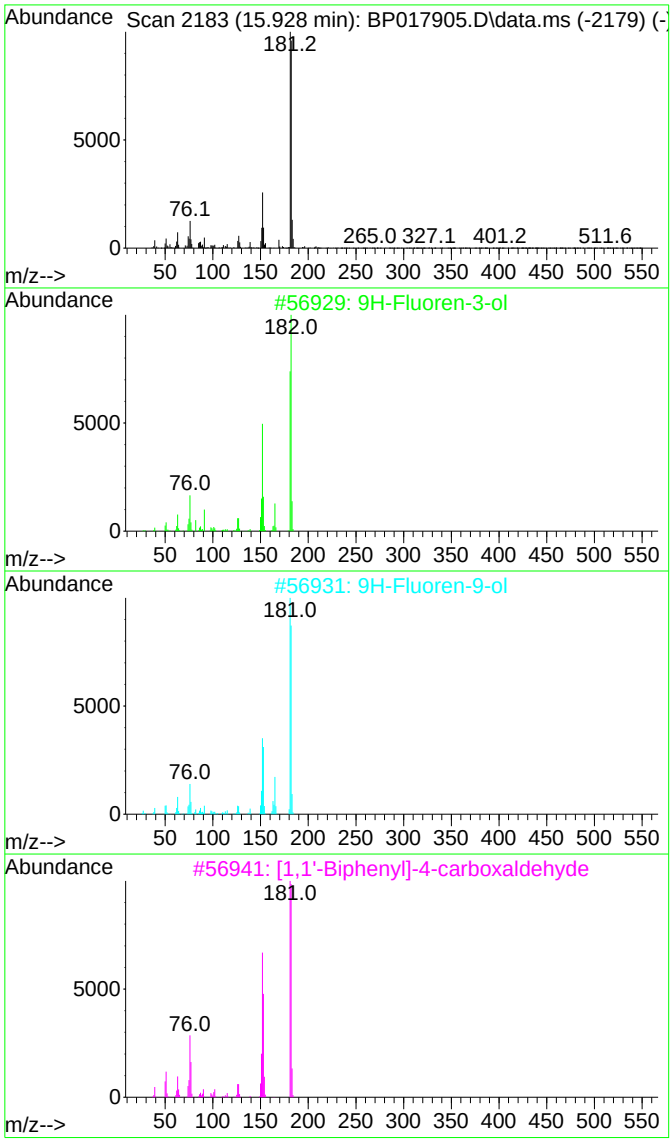
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

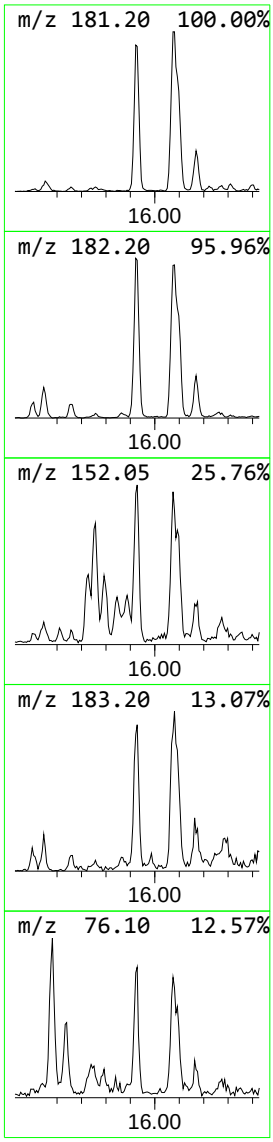
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluoren-3-ol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.928	2.84 ng/ul	194450	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017905.D
Acq On : 03 Nov 2023 02:14
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Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

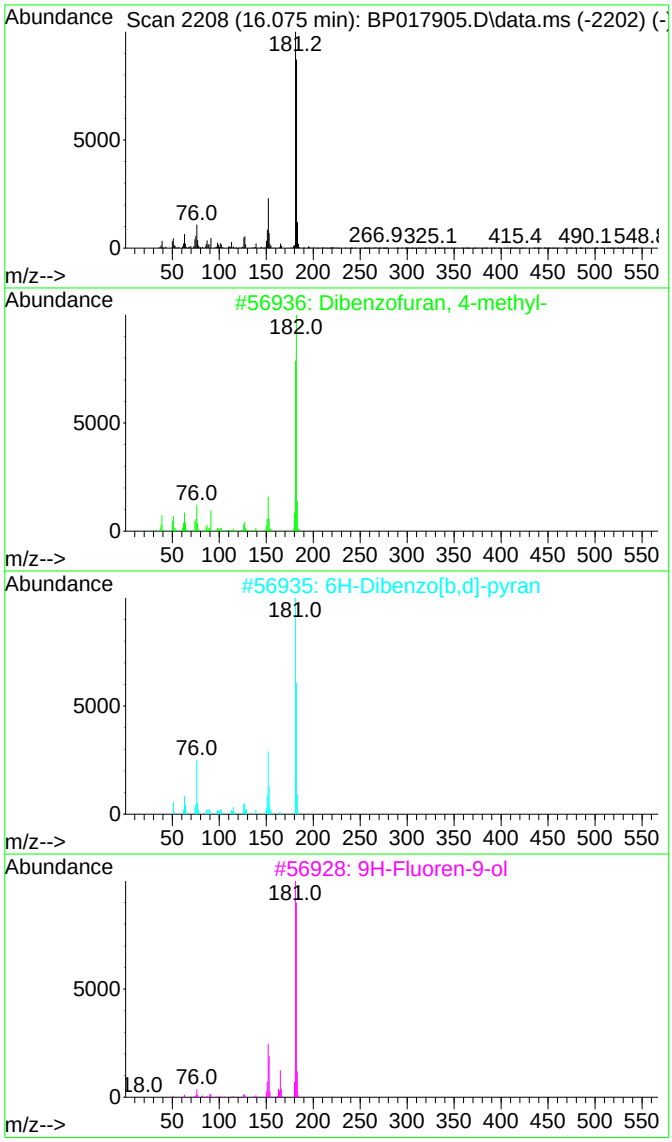
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

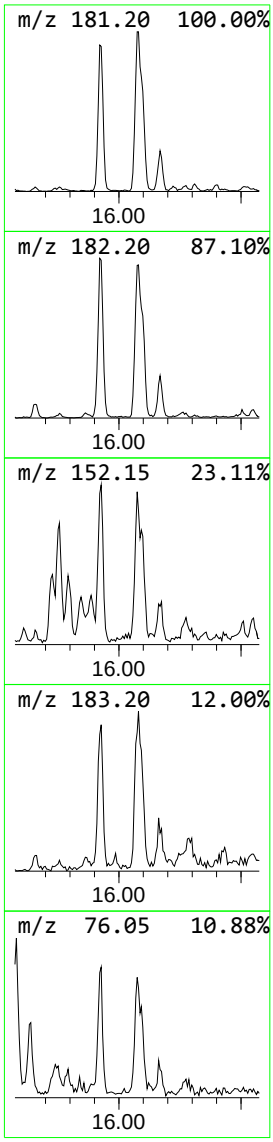
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.075	4.00 ng/ul	284609	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017905.D
Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

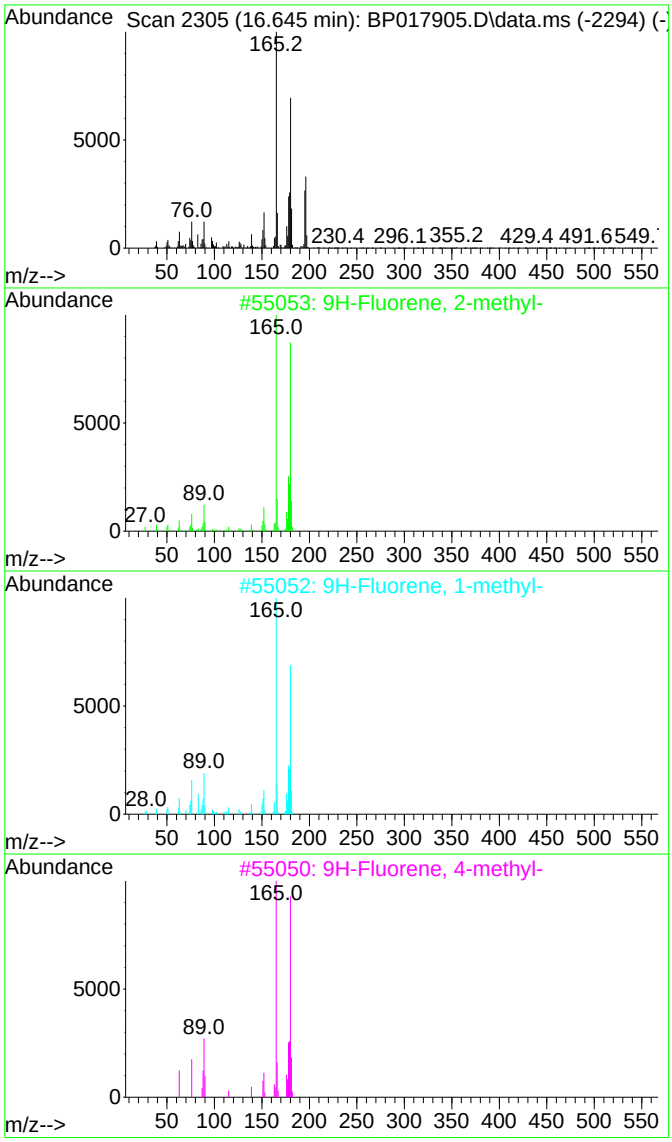
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

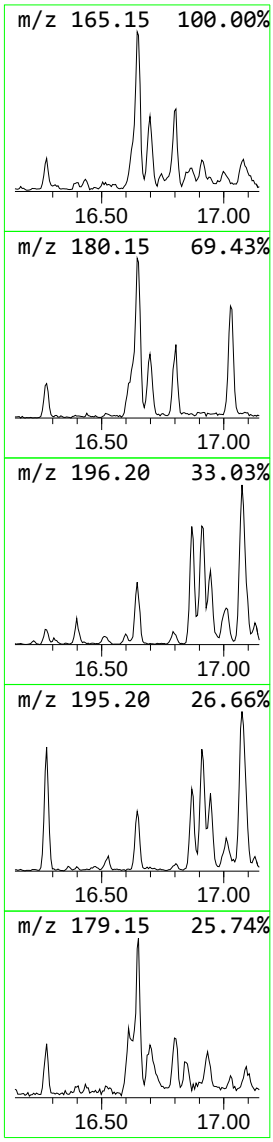
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.645	4.18 ng/ul	296994	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	86
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86





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Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

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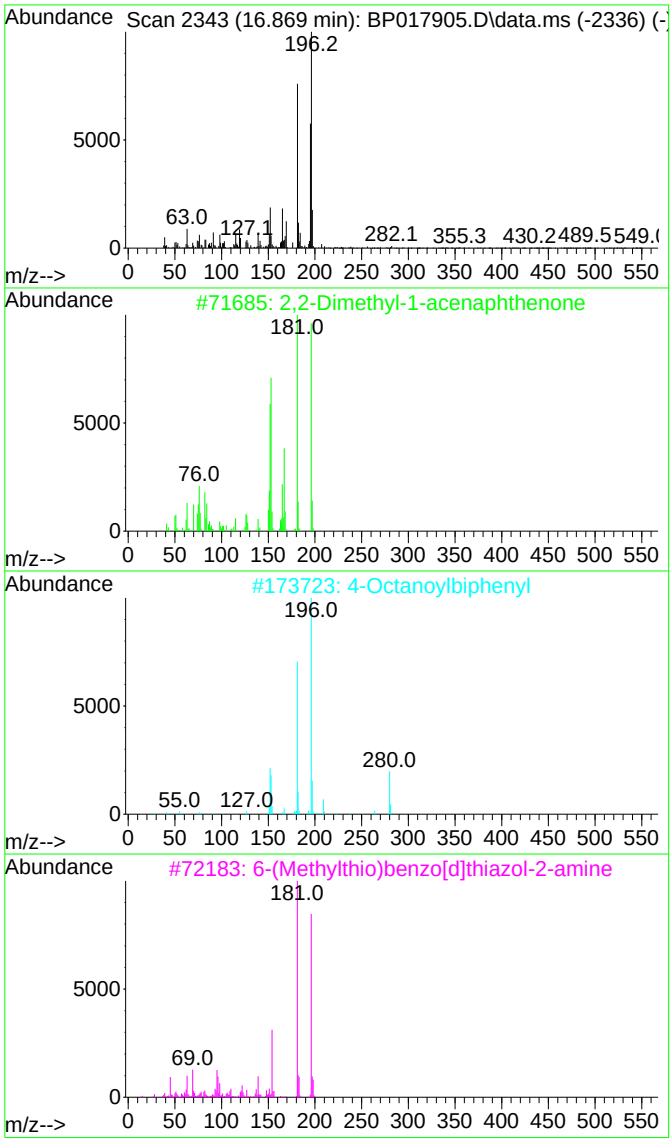
Quant Title : SVOA CALIBRATION

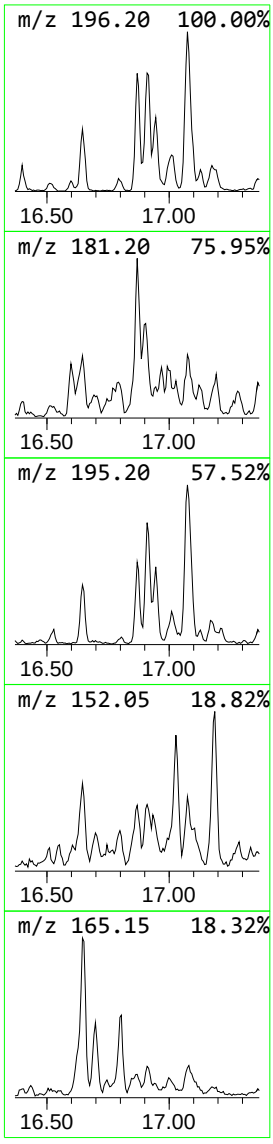
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2-Dimethyl-1-acenaphthenone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.869	2.11 ng/ul	150234	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	68
2	4-Octanoylbiphenyl	280	C20H24O	047162-00-5	58
3	6-(Methylthio)benzo[d]thiazol-2-...	196	C8H8N2S2	050850-92-5	58
4	phenol, 2-[(ethylamino)methyl]-4...	196	C9H12N2O3	1000400-09-7	58
5	p-Toluenesulfonamide, N-(xanthen...	351	C20H17NO3S	006326-06-3	52





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Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

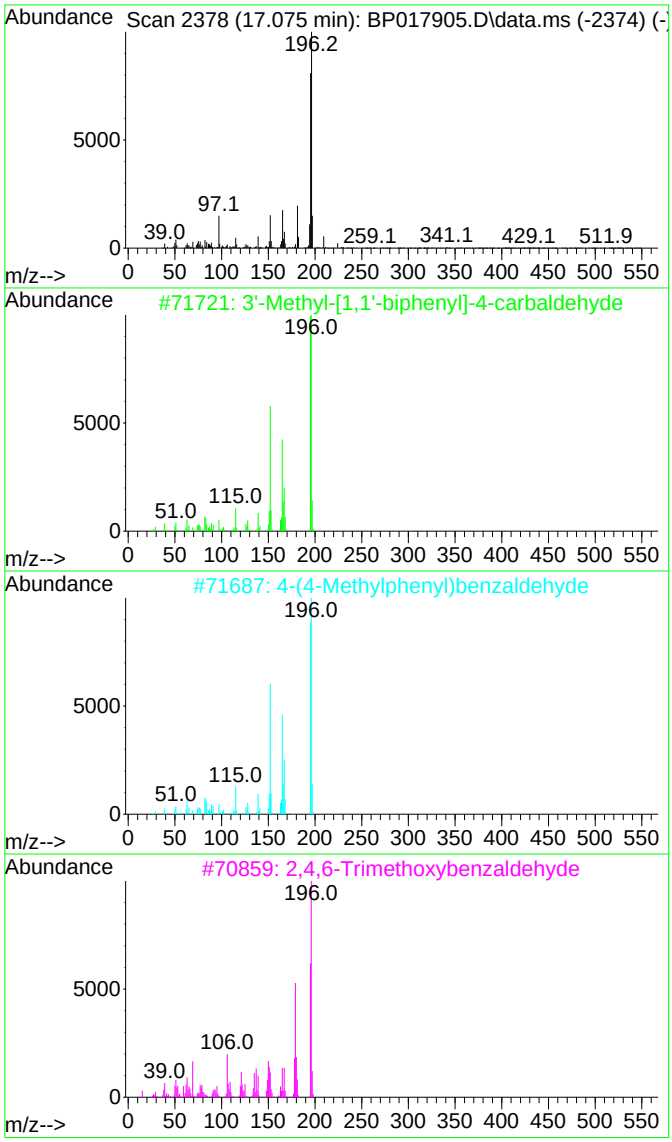
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

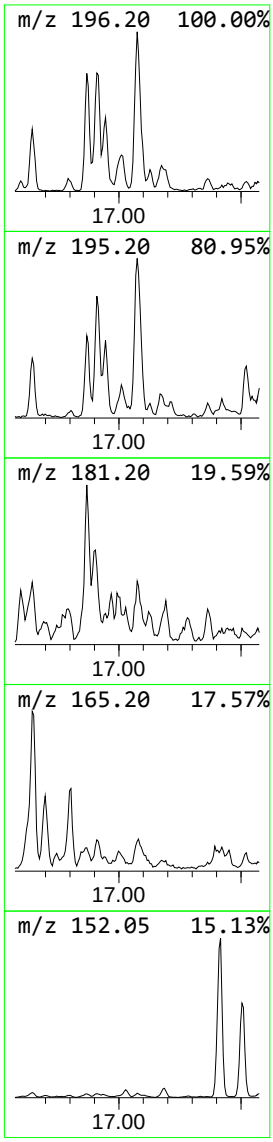
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.075	3.40 ng/ul	242147	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	90
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	90
3	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	64
4	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	64
5	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	53





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Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

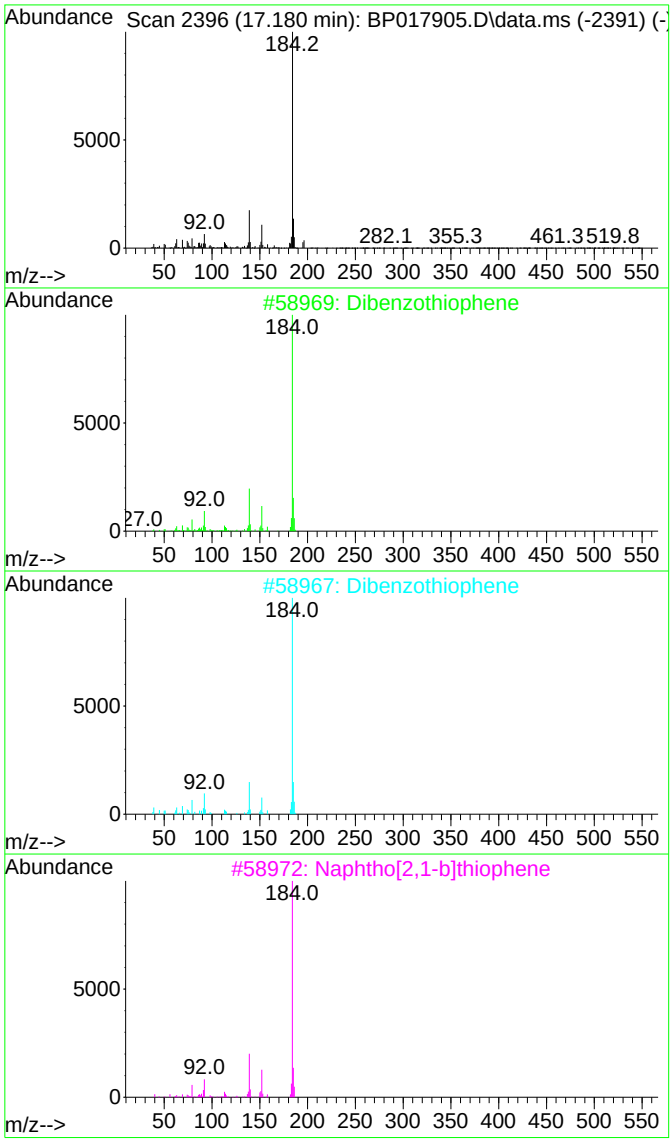
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

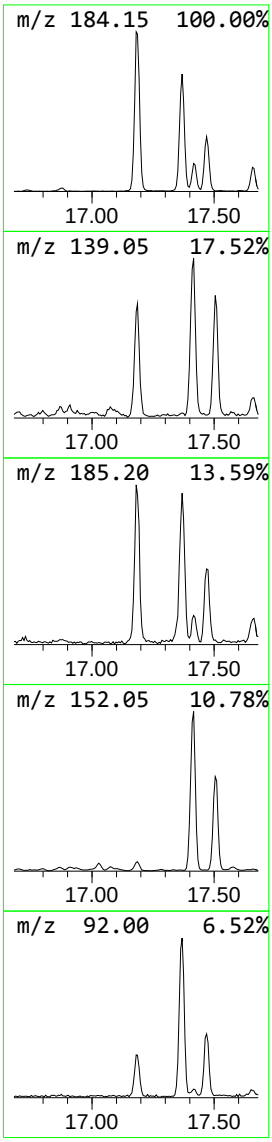
****

Peak Number 8 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	4.35 ng/ul	309727	Phenanthrene-d10	17.369

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





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Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

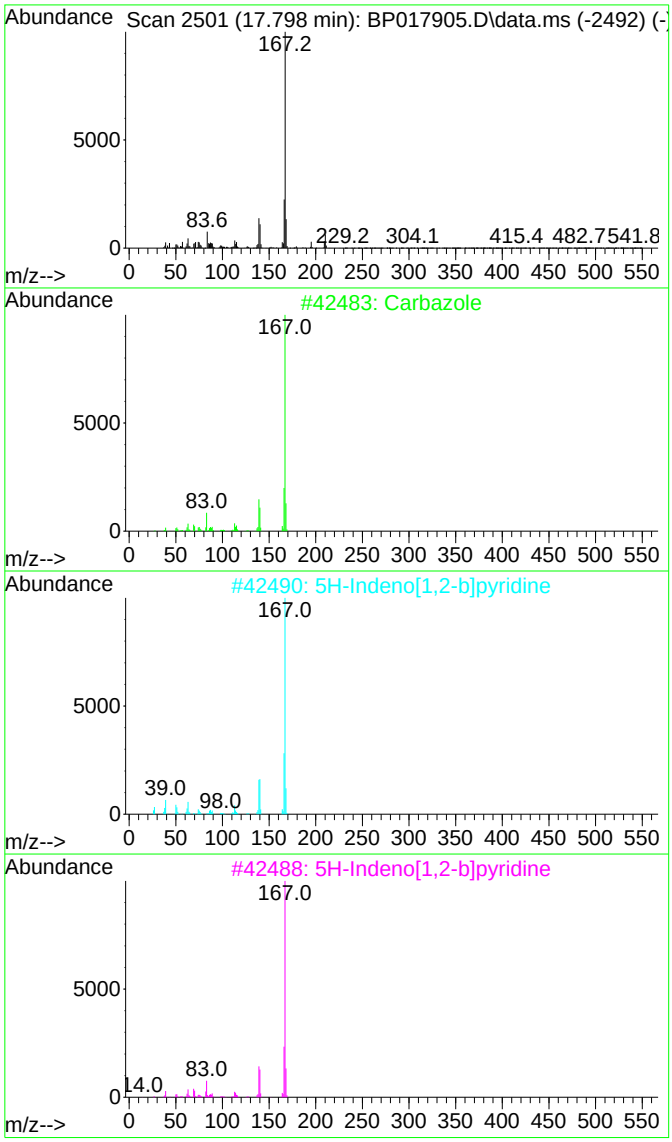
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

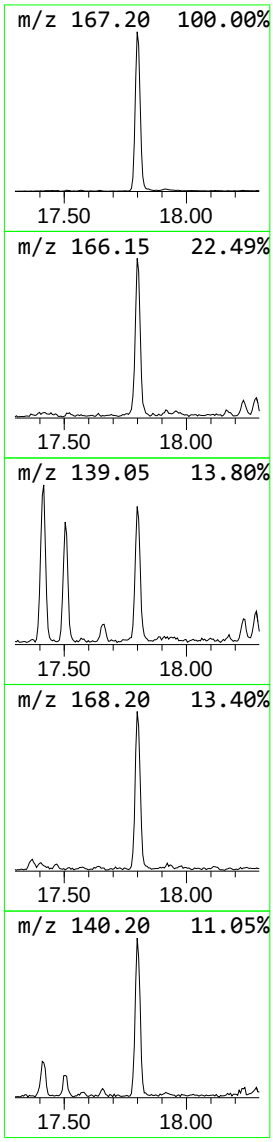
****

Peak Number 9 Carba zole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.798	8.66 ng/ul	616318	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
4	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	93
5	Carbazole	167	C12H9N	000086-74-8	87





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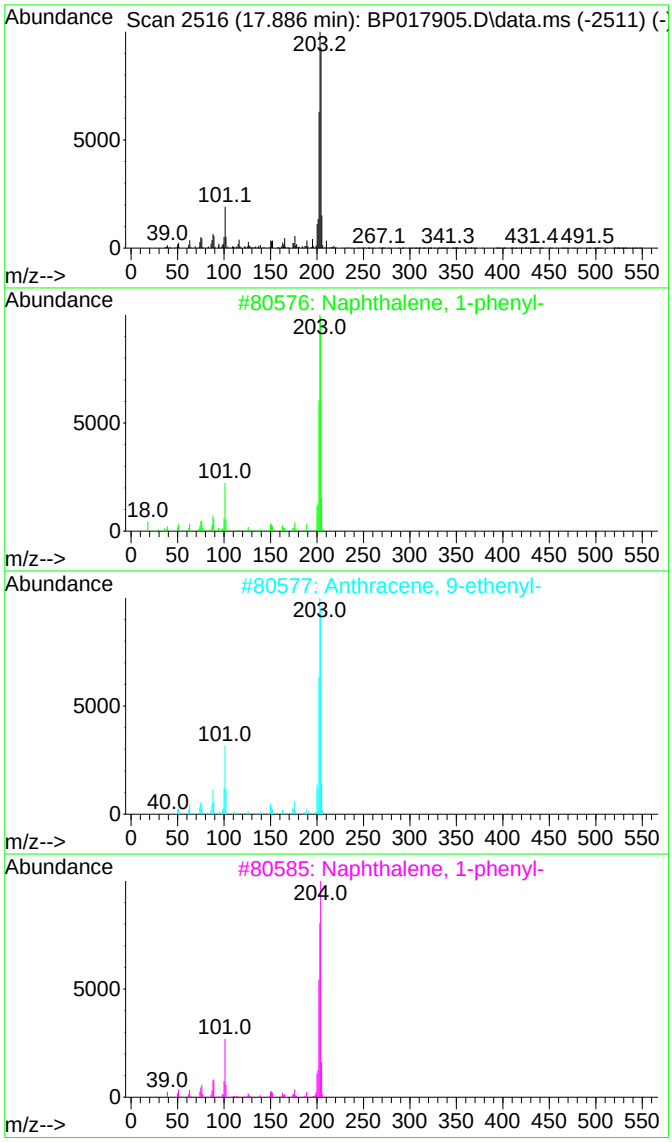
Quant Title : SVOA CALIBRATION

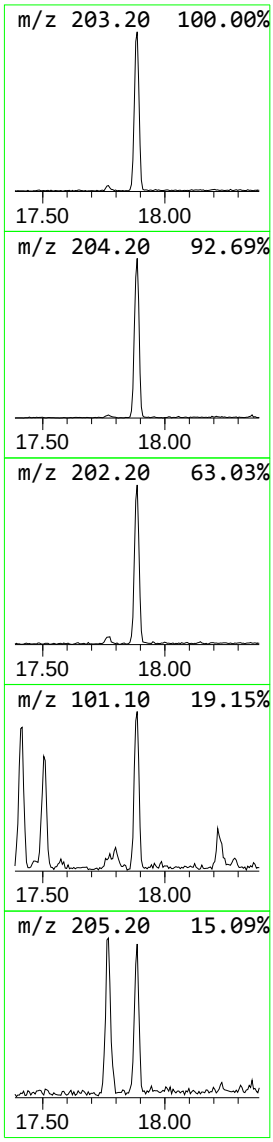
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	3.36 ng/ul	239103	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	98
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89





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Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

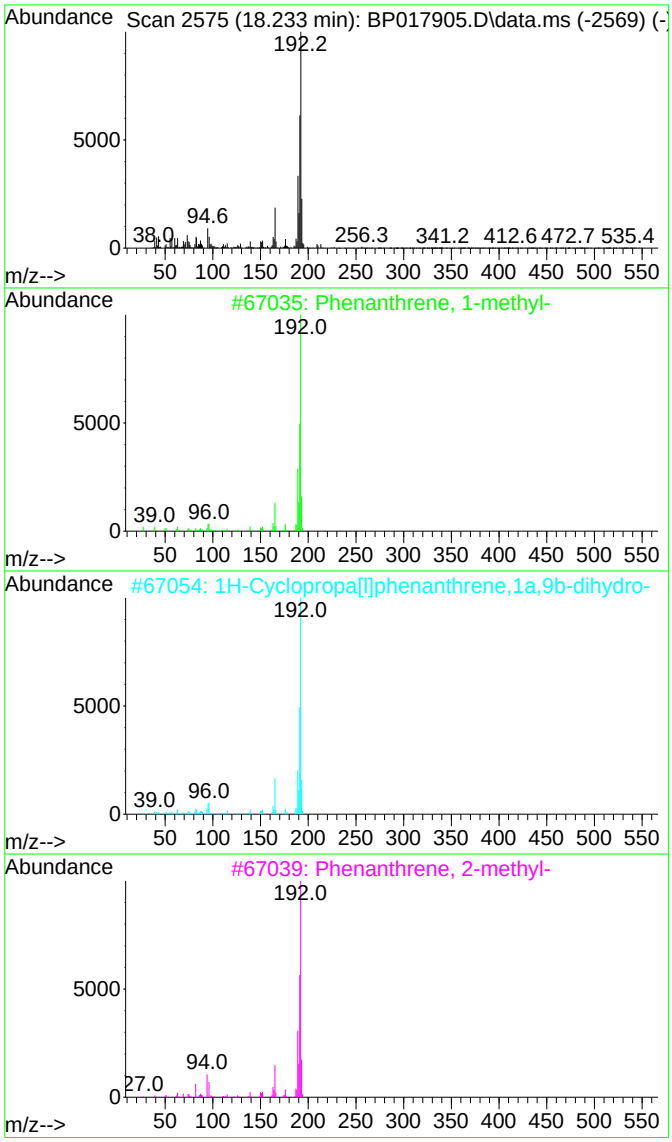
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

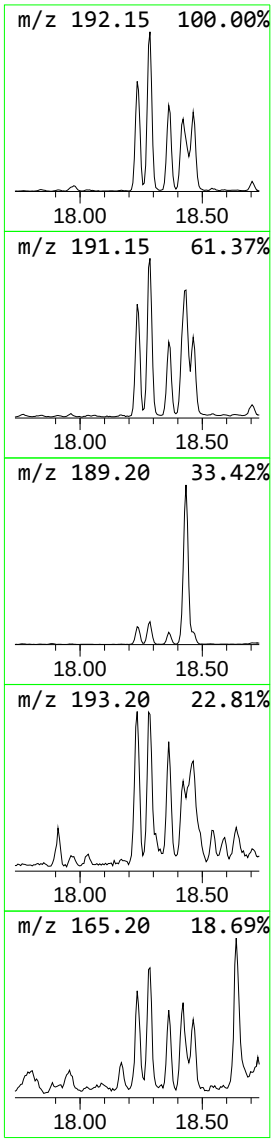
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	10.02 ng/ul	712914	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

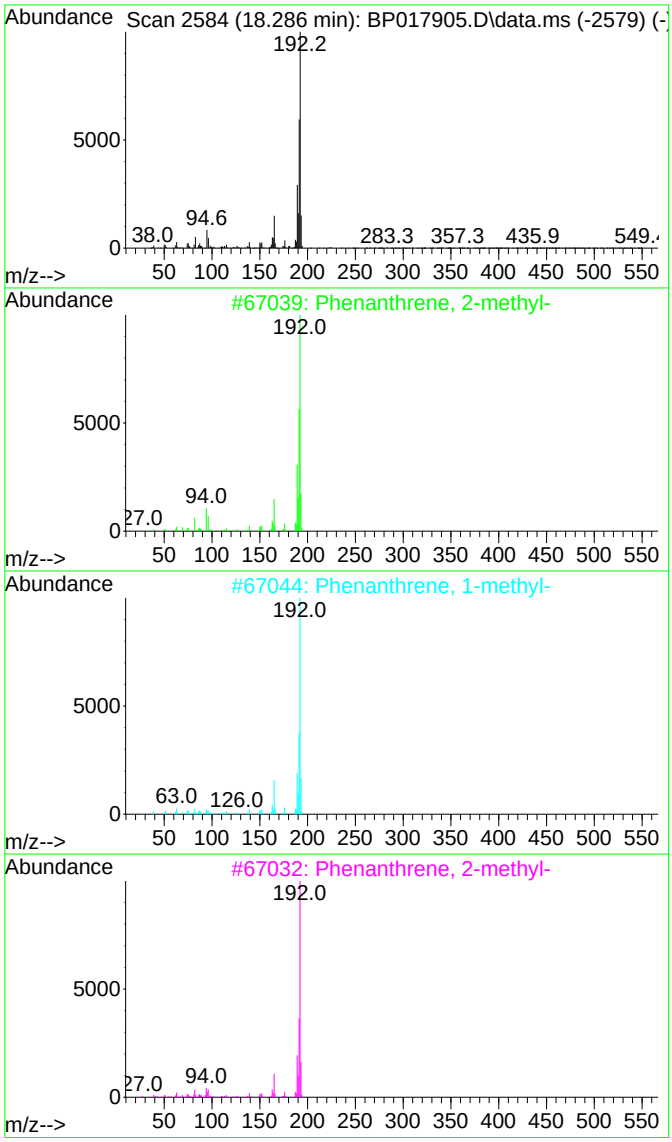
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

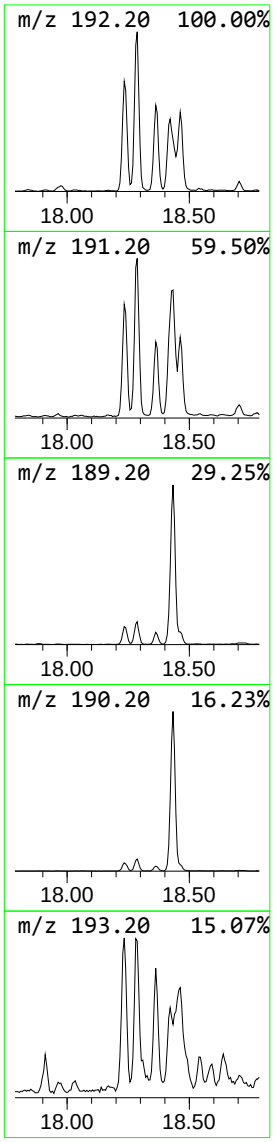
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	8.85 ng/ul	629758	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Misc :
ALS Vial : 61 Sample Multiplier: 1

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BNA_P
ClientSampleId :
DCKH1

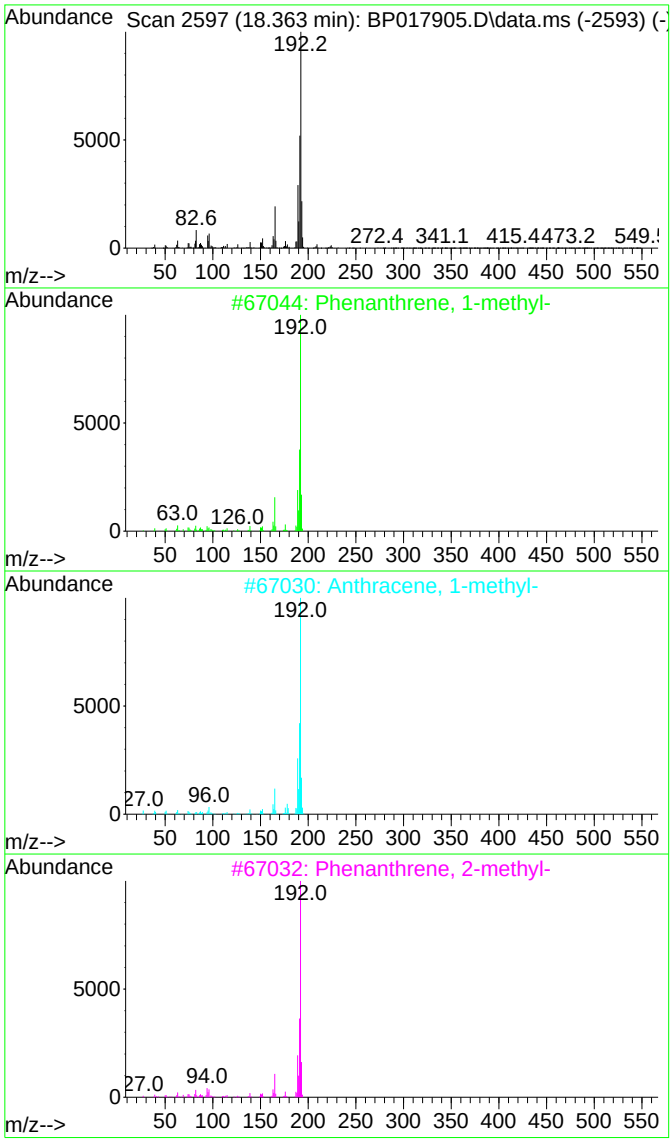
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

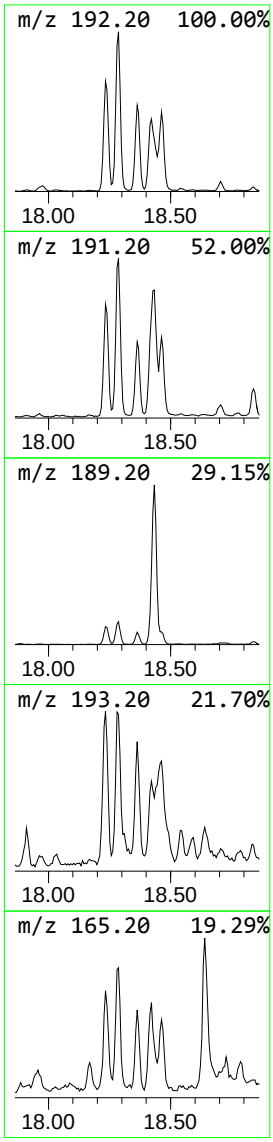
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	4.35 ng/ul	309171	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Instrument :
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ClientSampleId :
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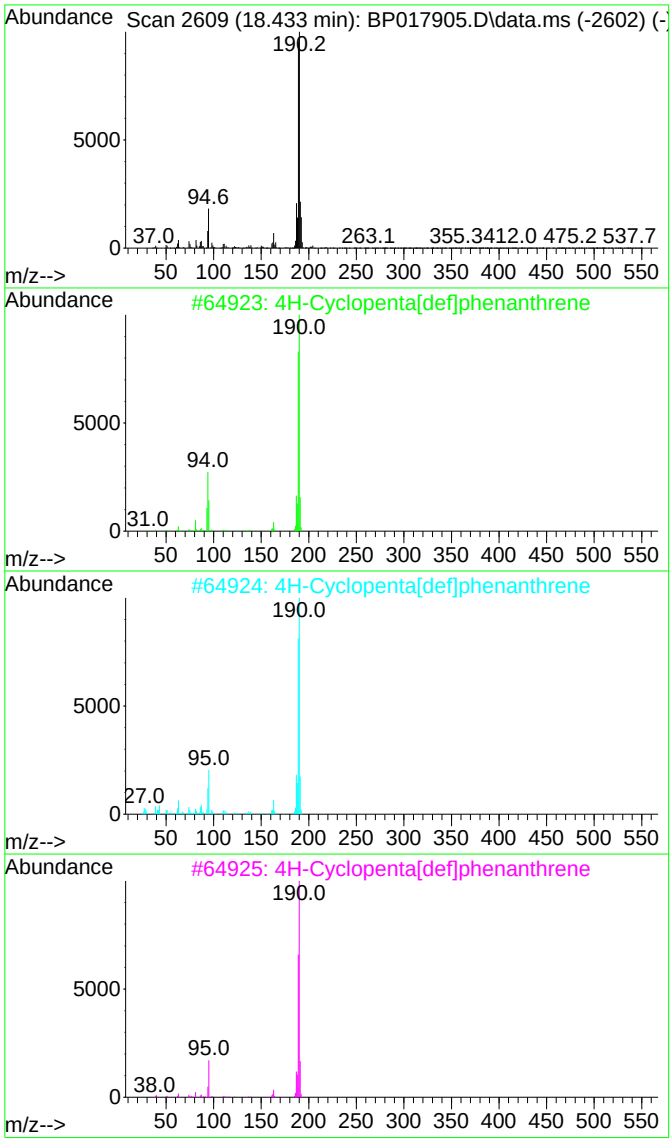
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

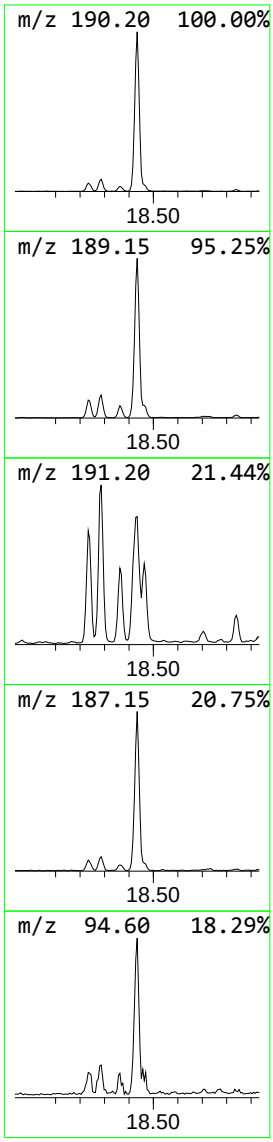
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	22.77 ng/ul	1619780	Phenanthrene-d10	17.369

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	93
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59





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ALS Vial : 61 Sample Multiplier: 1

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ClientSampleId :
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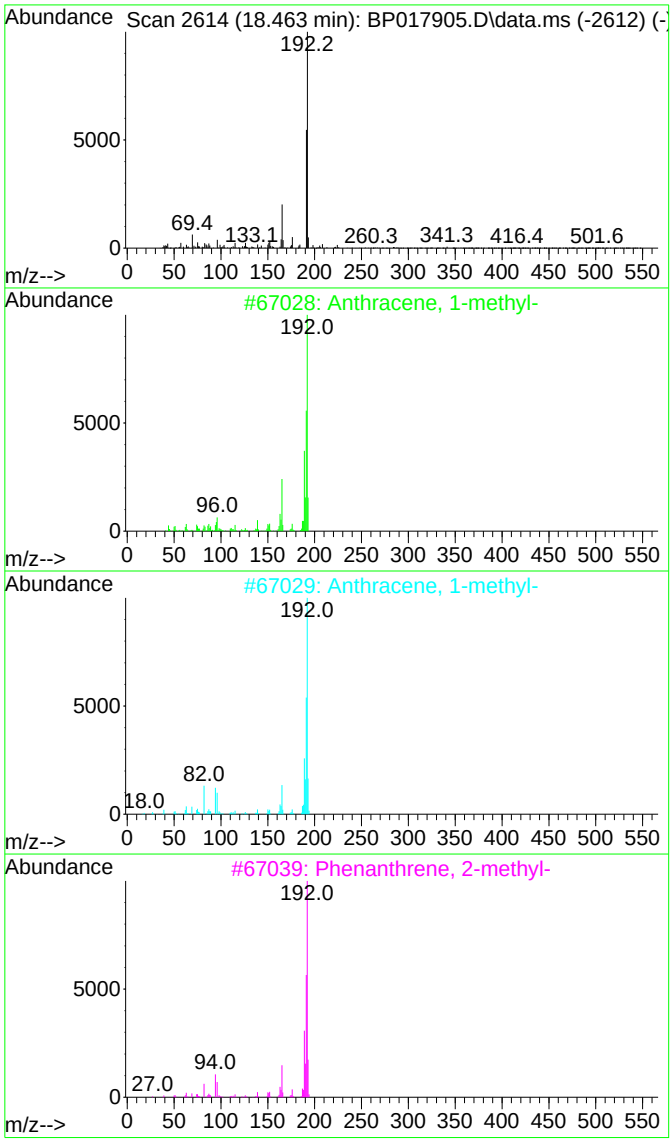
Quant Title : SVOA CALIBRATION

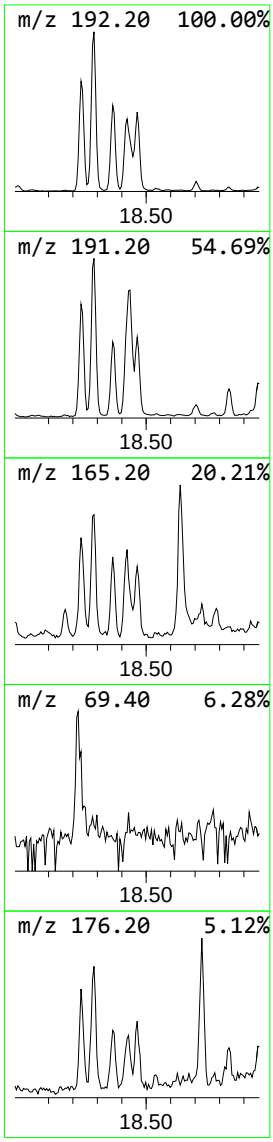
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	4.56 ng/ul	324629	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





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Misc :
ALS Vial : 61 Sample Multiplier: 1

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ClientSampleId :
DCKH1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

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

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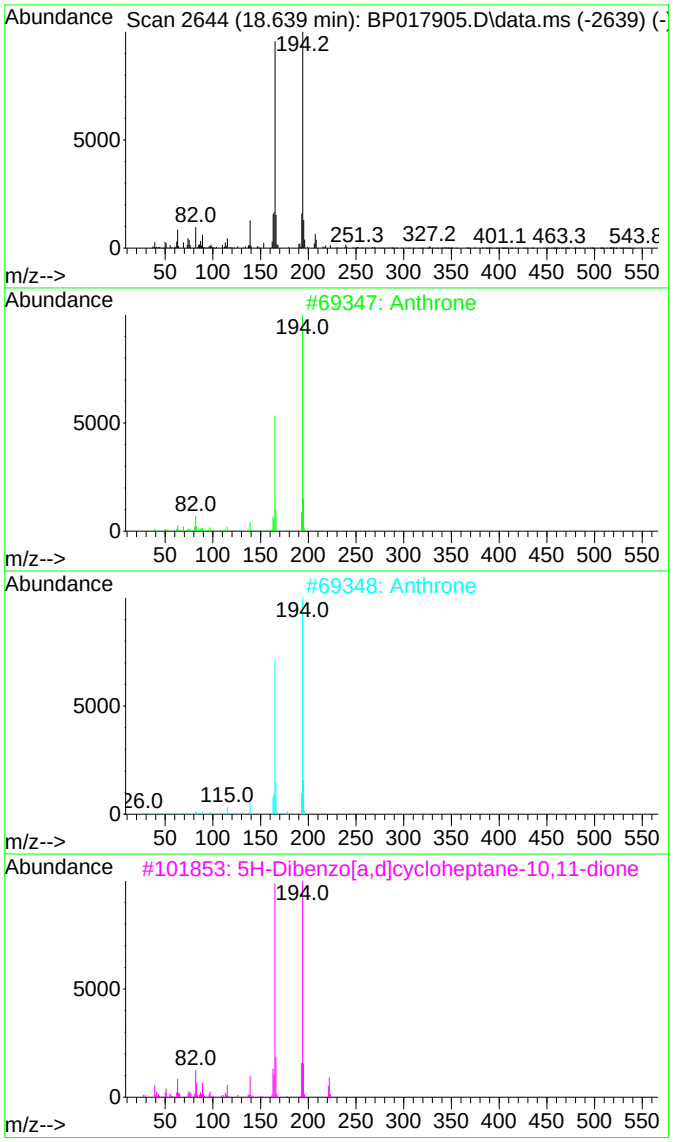
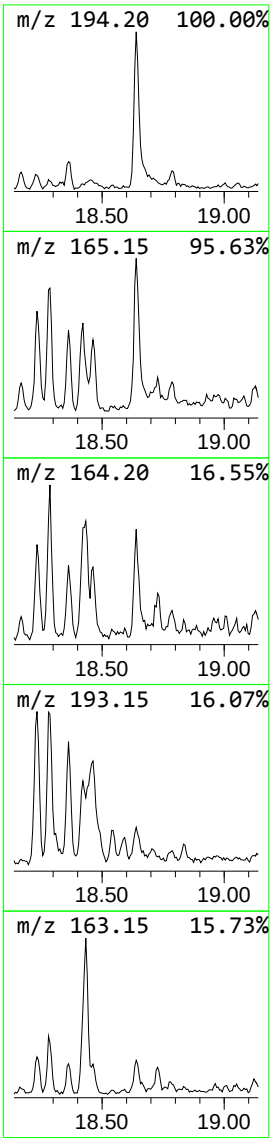
Peak Number 16 Anthrone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	2.09 ng/ul	148416	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	91
2	Anthrone	194	C14H10O	000090-44-8	91
3	5H-Dibenzo[a,d]cycloheptane-10,1...	222	C15H10O2	052559-75-8	91
4	2-Phenanthrenol	194	C14H10O	000605-55-0	90
5	9-anthracenol	194	C14H10O	1000400-30-3	90





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Data File : BP017905.D
Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

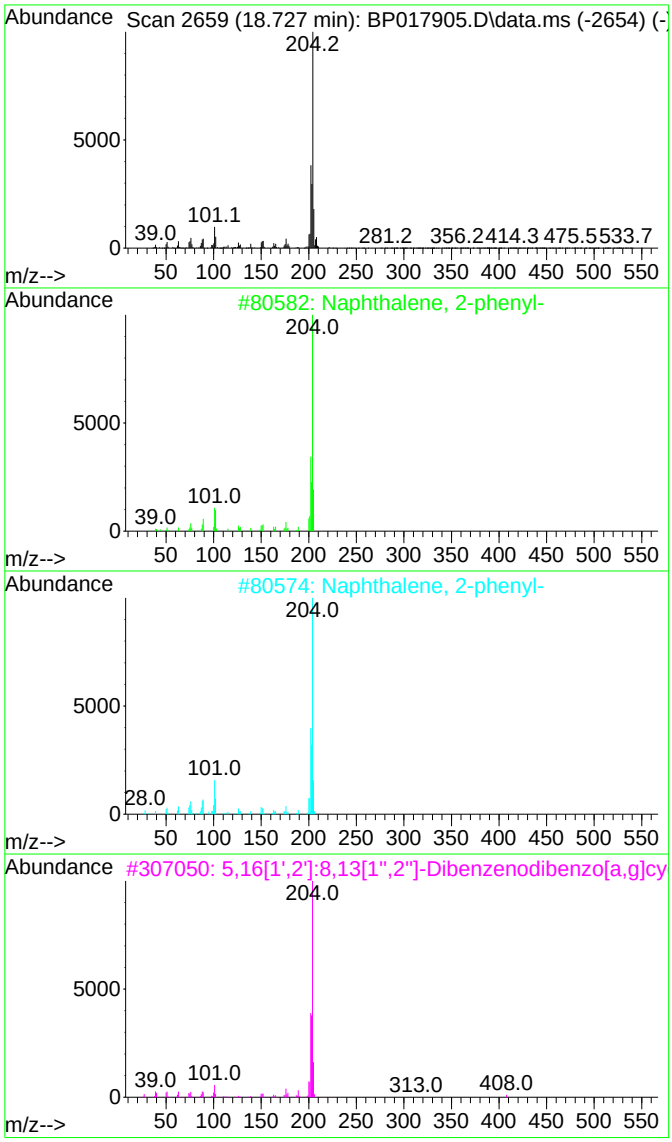
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

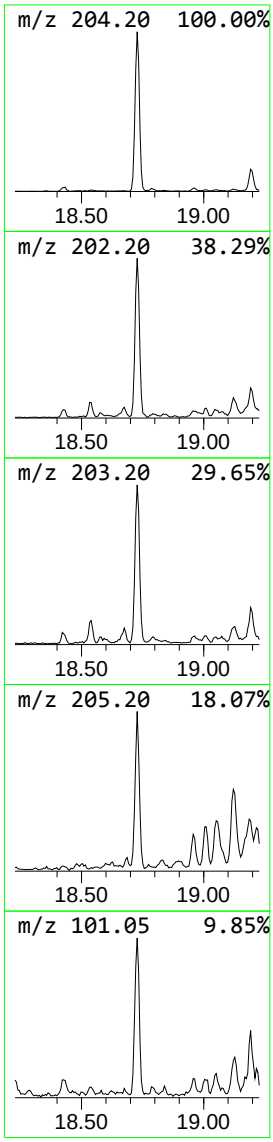
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.727	6.86 ng/ul	488135	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

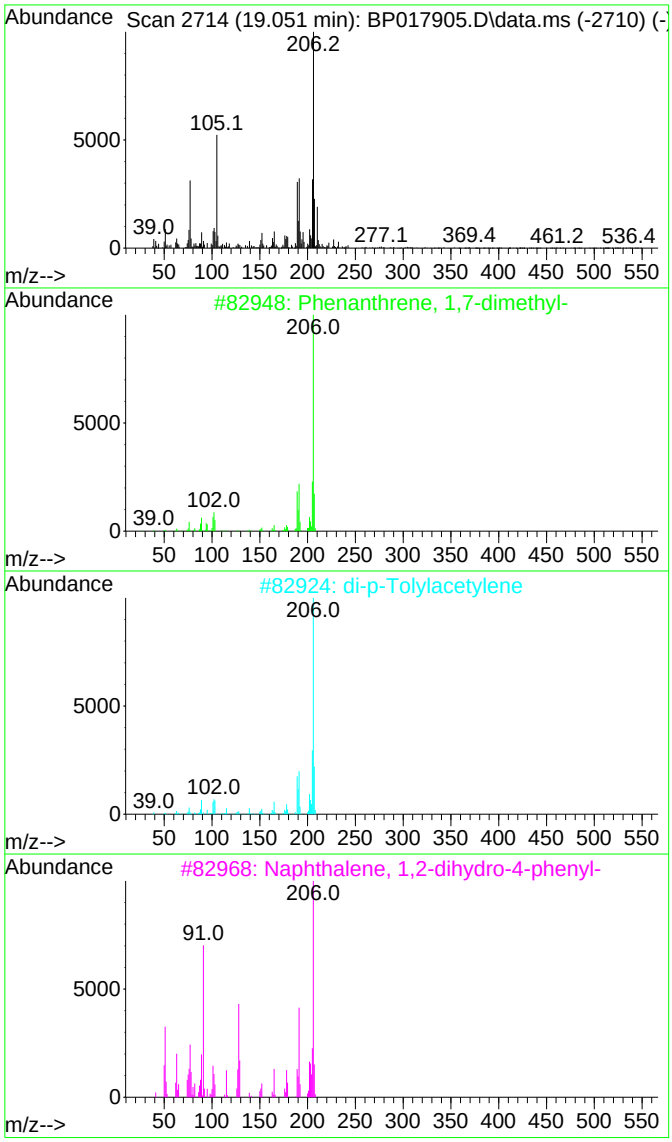
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

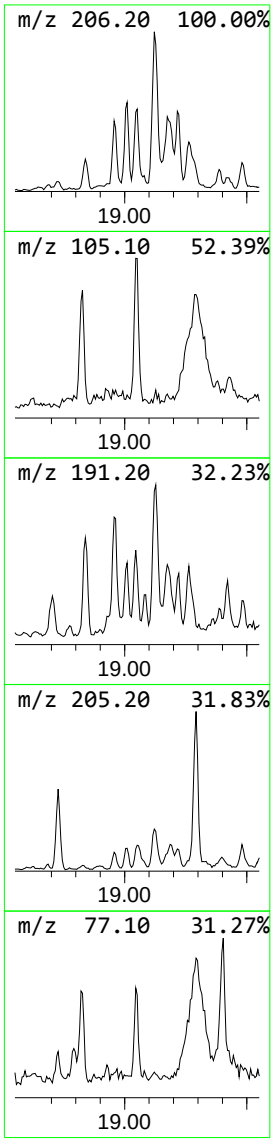
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 1,7-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	2.44 ng/ul	173498	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	81
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76





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Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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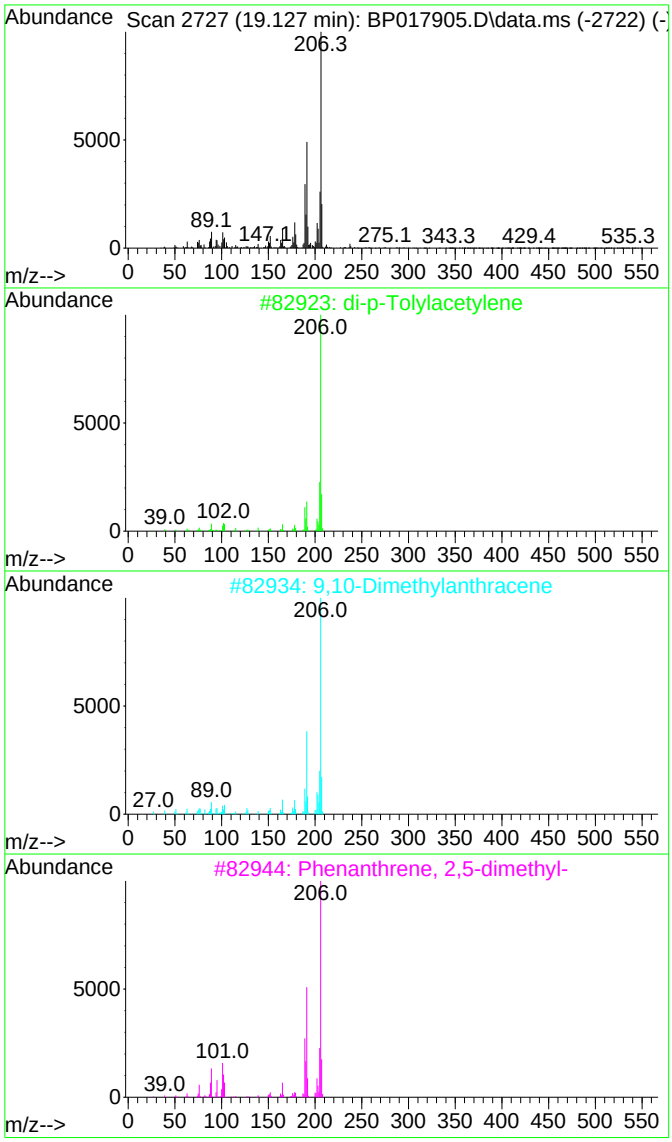
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

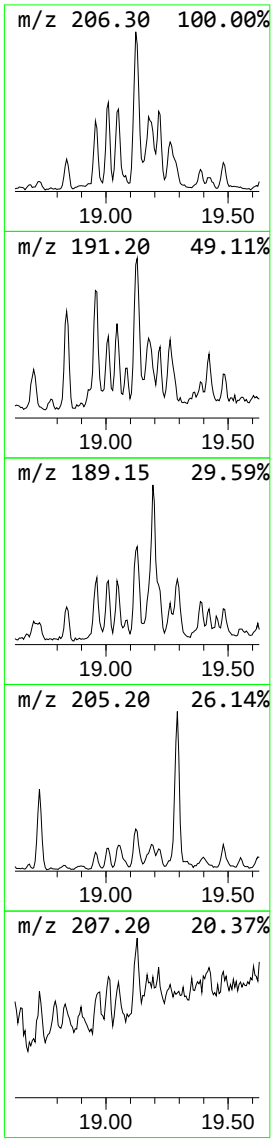
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 di-p-Tolylacetylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	3.63 ng/ul	257936	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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Acq On : 03 Nov 2023 02:14
Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

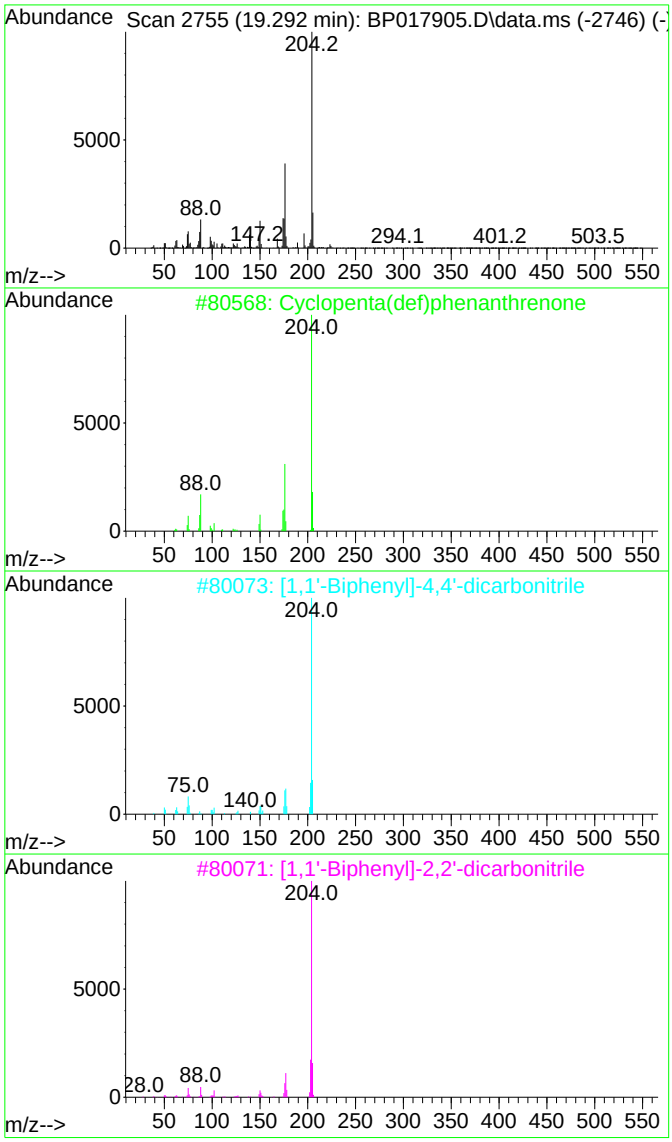
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

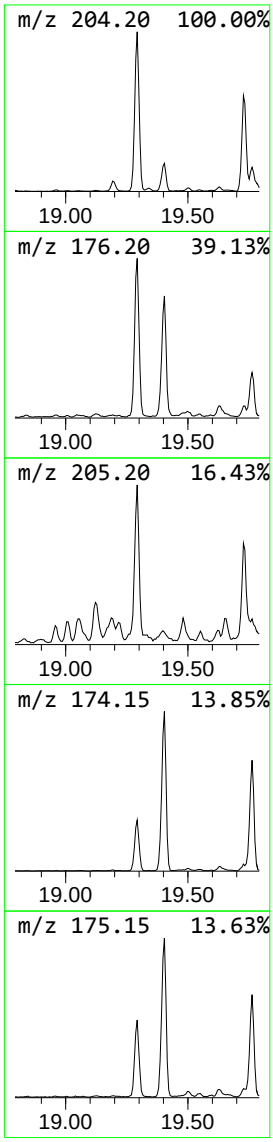
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	21.81 ng/ul	1551400	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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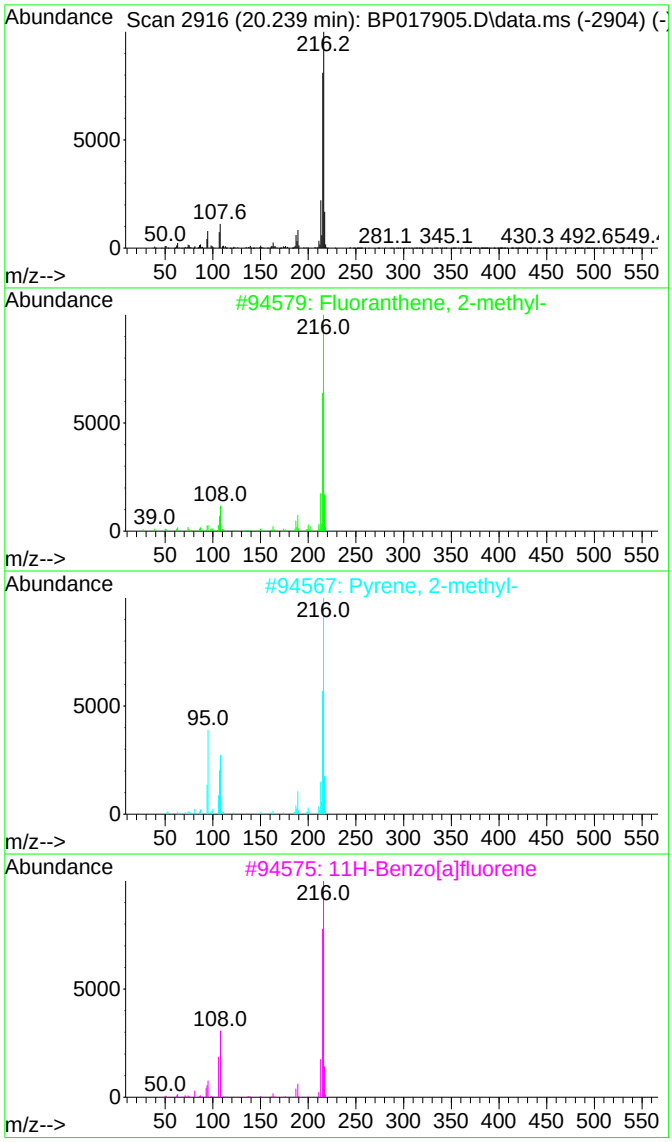
Quant Title : SVOA CALIBRATION

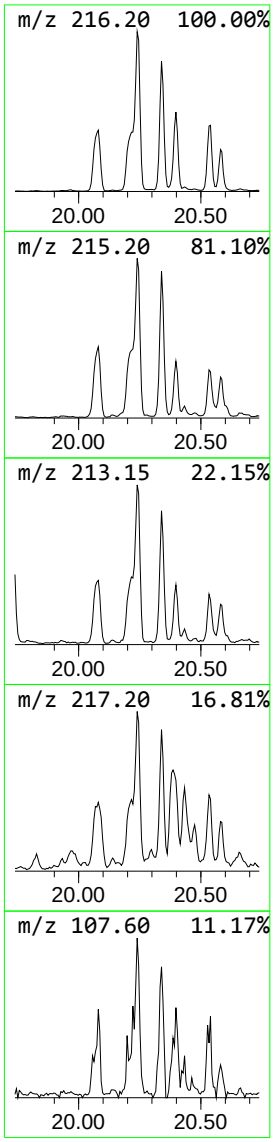
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	6.18 ng/ul	1732120	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

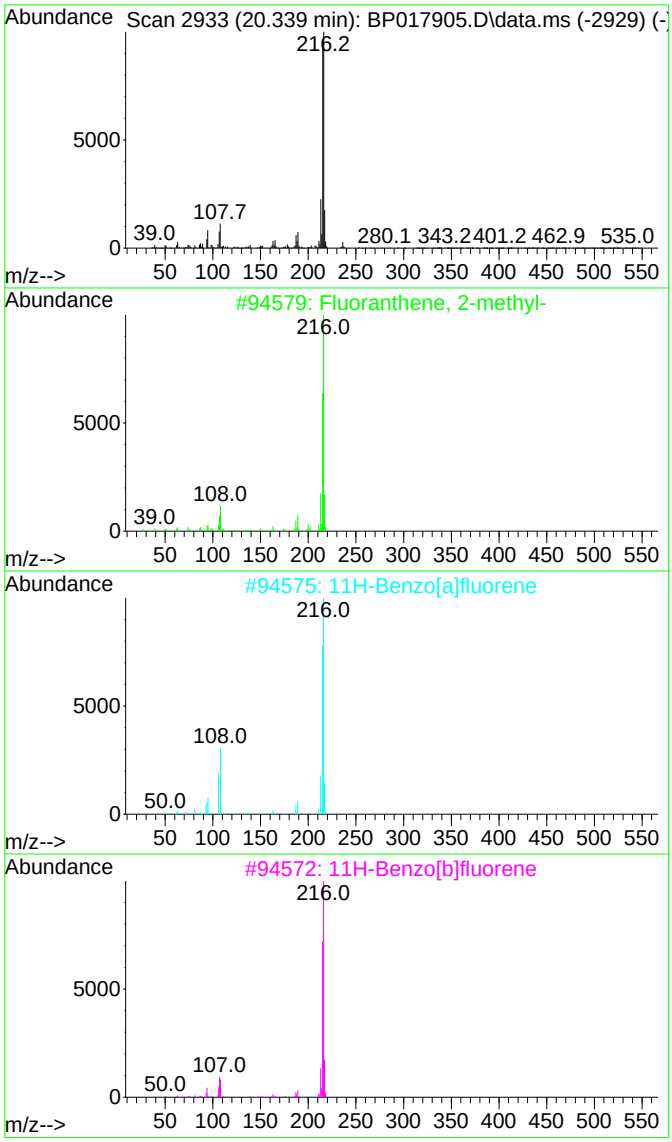
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

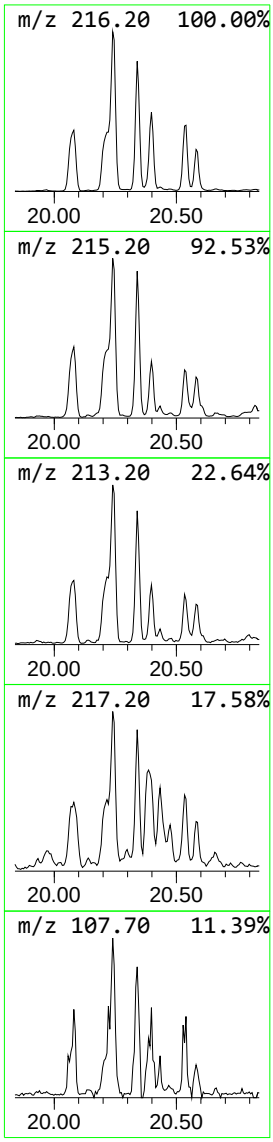
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 11H-Benzo[a]fluorene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.339	2.83 ng/ul	793600	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH1

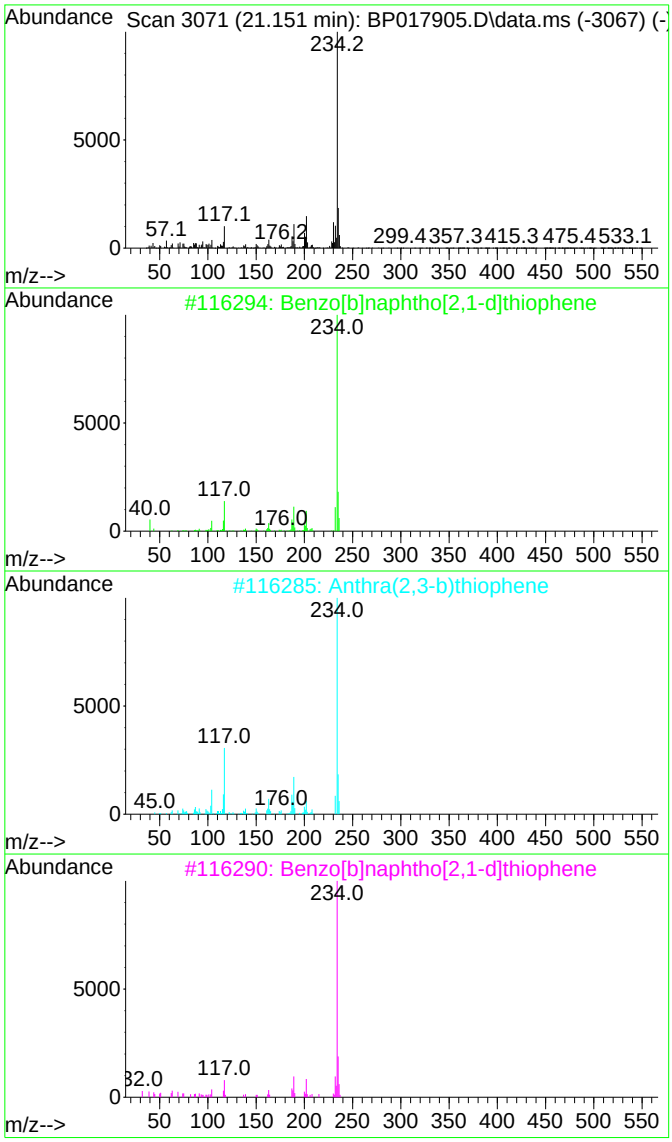
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

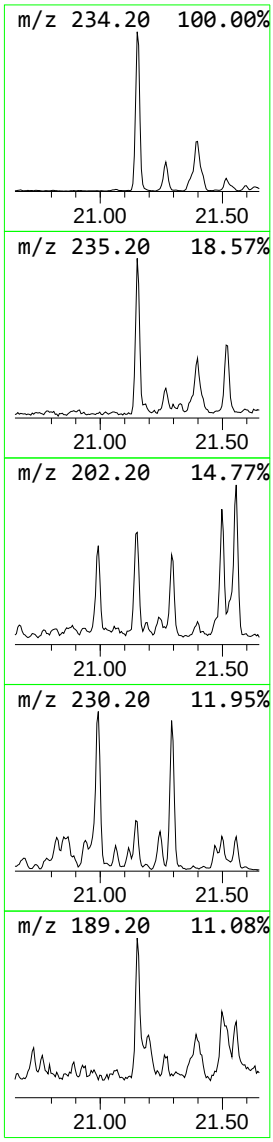
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.151	2.82 ng/ul	791043	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87





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ALS Vial : 61 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

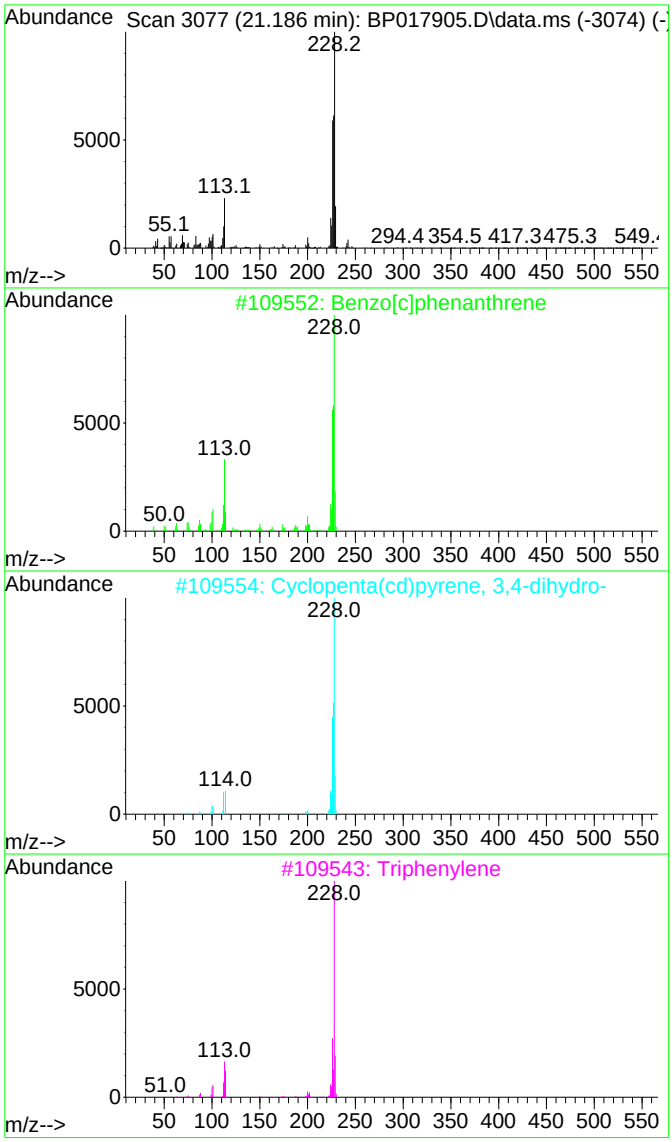
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

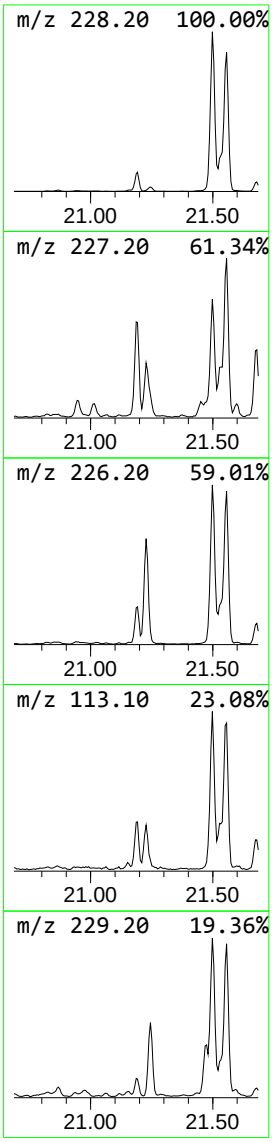
****

Peak Number 24 Benzo[c]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	2.86 ng/ul	803159	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	68
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
3	Triphenylene	228	C18H12	000217-59-4	64
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
5	Triphenylene	228	C18H12	000217-59-4	60





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ALS Vial : 61 Sample Multiplier: 1

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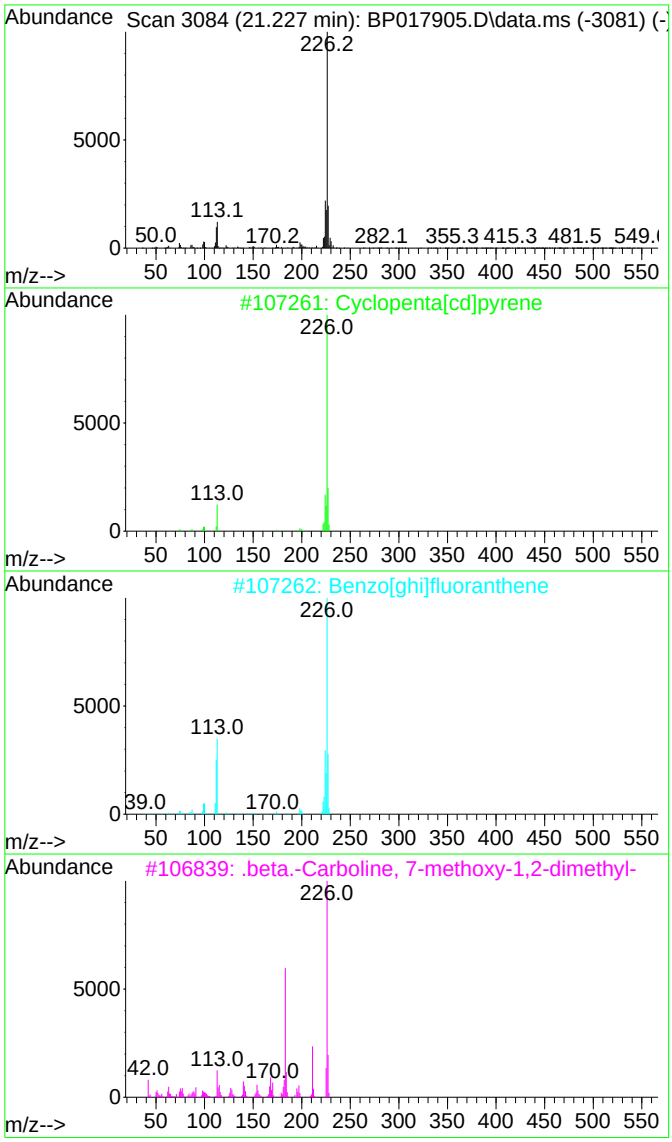
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

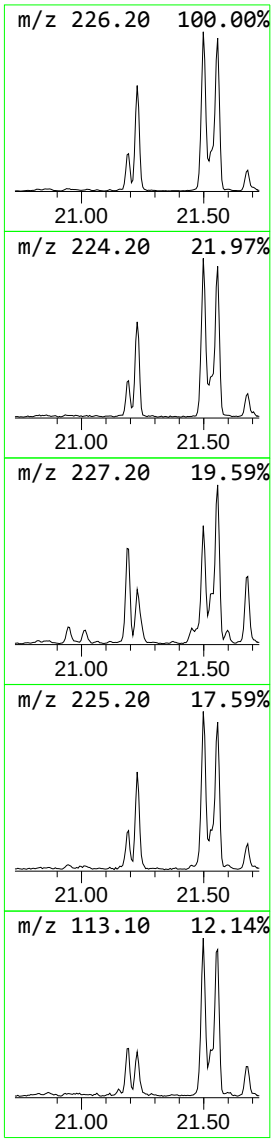
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	2.99 ng/ul	836950	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	53
5	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	50





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ALS Vial : 61 Sample Multiplier: 1

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ClientSampleId :
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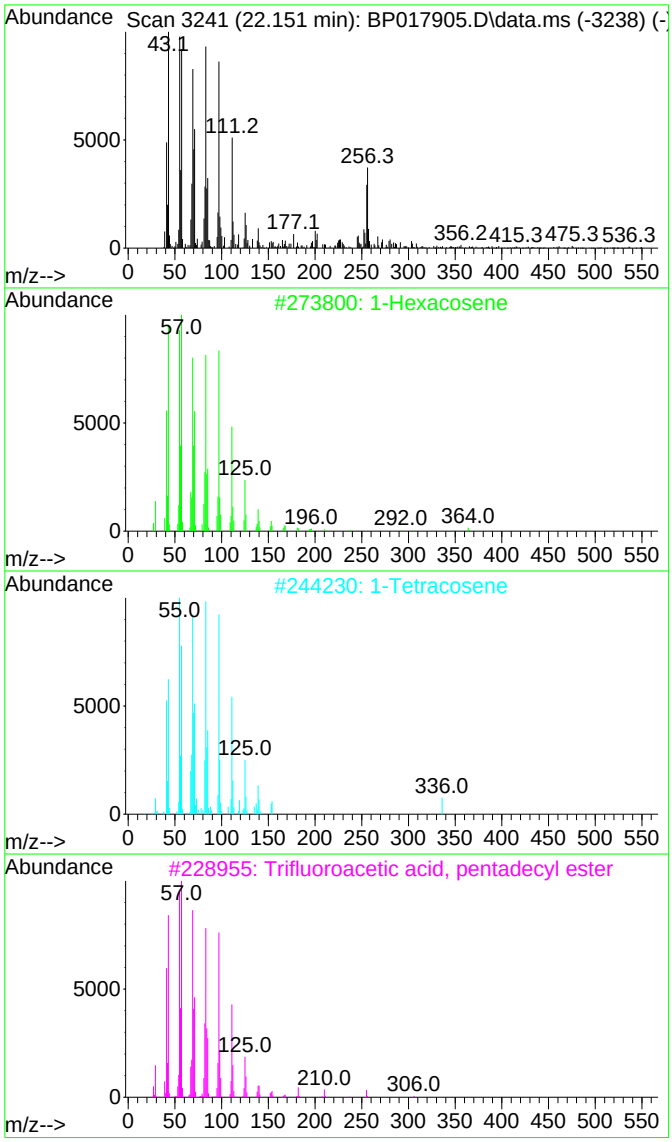
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

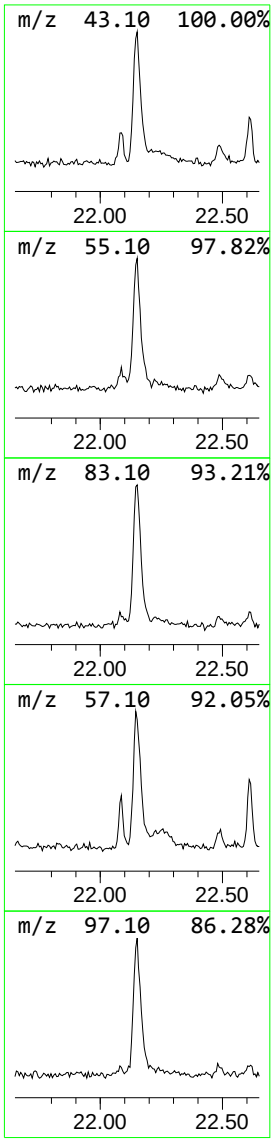
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.151	2.27 ng/ul	637766	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	93
2	1-Tetracosene	336	C24H48	010192-32-2	93
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
4	1-Tricosene	322	C23H46	018835-32-0	90
5	Cycloeicosane	280	C20H40	000296-56-0	87





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ALS Vial : 61 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

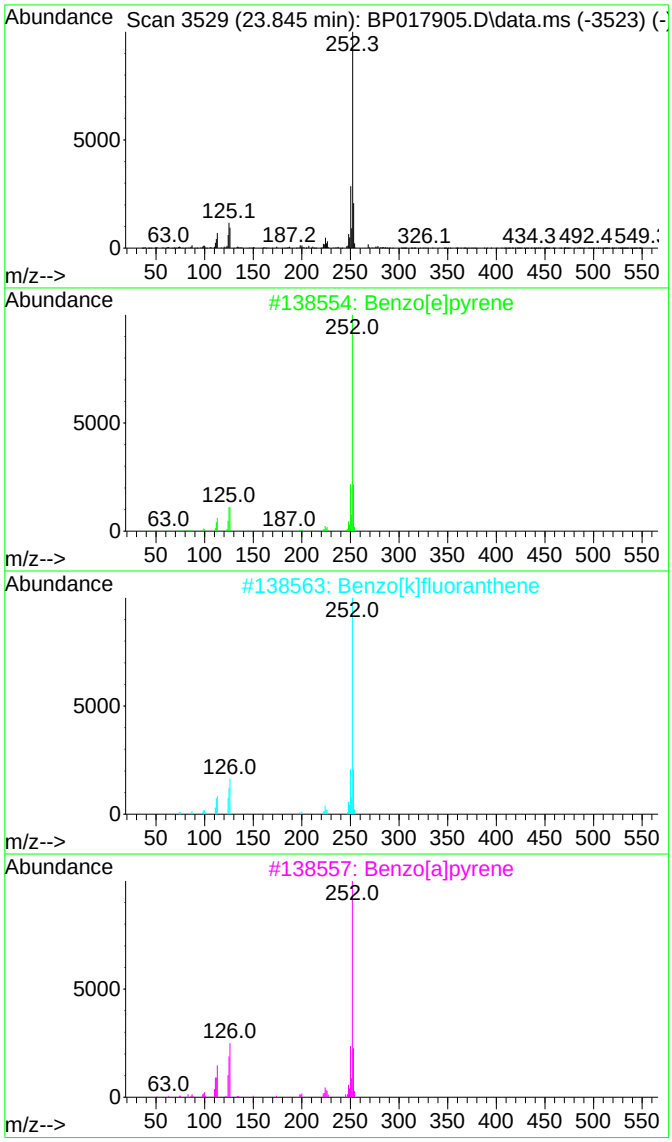
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

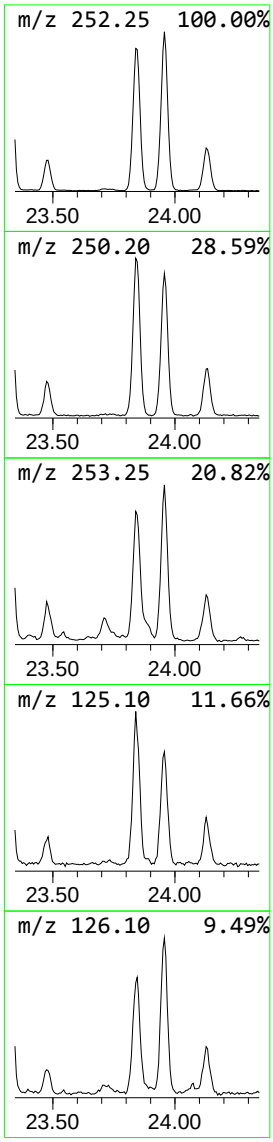
****

Peak Number 27 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.845	19.51 ng/ul	1096400	Perylene-d12	24.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

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Operator : MA/JU
Sample : 05060-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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	8.734	7.0	ng/ul	294416	1	7.875	844589	20.0
Diben zofuran	14.981	5.7	ng/ul	389170	3	14.575	1370530	20.0
9H-Fluoren-3-ol	15.928	2.8	ng/ul	194450	3	14.575	1370530	20.0
Dibenzofuran, 4...	16.075	4.0	ng/ul	284609	4	17.369	1422560	20.0
9H-Fluorene, 2-...	16.645	4.2	ng/ul	296994	4	17.369	1422560	20.0
2,2-Dimethyl-1-...	16.869	2.1	ng/ul	150234	4	17.369	1422560	20.0
3'-Methyl-[1,1'...	17.075	3.4	ng/ul	242147	4	17.369	1422560	20.0
Dibenzothiophene	17.180	4.3	ng/ul	309727	4	17.369	1422560	20.0
Carba zole	17.798	8.7	ng/ul	616318	4	17.369	1422560	20.0
Naphthalene, 1-...	17.886	3.4	ng/ul	239103	4	17.369	1422560	20.0
Phenanthrene, 1...	18.233	10.0	ng/ul	712914	4	17.369	1422560	20.0
Phenanthrene, 2...	18.286	8.8	ng/ul	629758	4	17.369	1422560	20.0
Anthracene, 1-m...	18.363	4.3	ng/ul	309171	4	17.369	1422560	20.0
4H-Cyclopenta[d...	18.433	22.8	ng/ul	1619780	4	17.369	1422560	20.0
1H-Cyclopropa[l...	18.463	4.6	ng/ul	324629	4	17.369	1422560	20.0
Anthrone	18.639	2.1	ng/ul	148416	4	17.369	1422560	20.0
Naphthalene, 2-...	18.727	6.9	ng/ul	488135	4	17.369	1422560	20.0
Phenanthrene, 1...	19.051	2.4	ng/ul	173498	4	17.369	1422560	20.0
di-p-Tolylacety...	19.127	3.6	ng/ul	257936	4	17.369	1422560	20.0
Cyclopenta(def)...	19.292	21.8	ng/ul	1551400	4	17.369	1422560	20.0
Fluoranthene, 2...	20.239	6.2	ng/ul	1732120	5	21.516	5607360	20.0
11H-Benzo[a]flu...	20.339	2.8	ng/ul	793600	5	21.516	5607360	20.0
Benzo[b]naphtho...	21.151	2.8	ng/ul	791043	5	21.516	5607360	20.0
Benzo[c]phenant...	21.186	2.9	ng/ul	803159	5	21.516	5607360	20.0
Cyclopenta[cd]p...	21.227	3.0	ng/ul	836950	5	21.516	5607360	20.0
(DEL) Alkane: S...	22.151	2.3	ng/ul	637766	5	21.516	5607360	20.0
Benzo[e]pyrene	23.845	19.5	ng/ul	1096400	6	24.074	1124100	20.0