LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056122.D
Acq On : 25 Dec 2022 14:49
Operator : CG/JU
Sample : N6017-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYH1

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_G\Methods\SFAM-EPA-BG122422.M
Title : SVOA CALIBRATION

Signal : TIC: BG056122.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.371	9	14	21	rVV	38262	53905	2.35%	0.186%
2	3.653	57	62	69	rVB2	6777	10417	0.45%	0.036%
3	4.082	131	135	146	rBV3	93136	153550	6.70%	0.530%
4	7.478	705	713	721	rVB	200082	341608	14.90%	1.178%
5	7.654	736	743	752	rBV	136061	226678	9.89%	0.782%
6	7.871	773	780	787	rBV	183697	319247	13.92%	1.101%
7	8.347	852	861	867	rBV	129544	211881	9.24%	0.731%
8	9.035	971	978	989	rBV	272681	459538	20.04%	1.585%
9	9.516	1052	1060	1069	rBV	179335	319980	13.95%	1.104%
10	10.245	1176	1184	1194	rVB	172497	307072	13.39%	1.059%
11	10.785	1269	1276	1284	rVB	321076	574069	25.03%	1.980%
12	11.179	1336	1343	1349	rBV	178202	325333	14.19%	1.122%
13	11.232	1349	1352	1356	rVV2	19829	29073	1.27%	0.100%
14	11.302	1356	1364	1376	rVV	197927	365811	15.95%	1.262%
15	12.812	1615	1621	1626	rVB2	7809	12948	0.56%	0.045%
16	14.340	1875	1881	1889	rVV	609207	891802	38.89%	3.076%
17	14.651	1926	1934	1945	rBV2	721994	1162911	50.71%	4.011%
18	14.957	1974	1986	1992	rBV	348522	573485	25.01%	1.978%
19	15.016	1992	1996	2002	rVB4	7420	11686	0.51%	0.040%
20	15.116	2005	2013	2020	rBV	243187	376190	16.41%	1.298%
21	15.345	2044	2052	2058	rVB3	14011	25809	1.13%	0.089%
22	15.938	2142	2153	2160	rBV	977753	1521254	66.34%	5.247%
23	16.038	2165	2170	2177	rVB	259365	390578	17.03%	1.347%
24	16.097	2177	2180	2185	rVB5	7335	10523	0.46%	0.036%
25	16.291	2206	2213	2219	rVB2	53566	80568	3.51%	0.278%
26	16.631	2265	2271	2282	rBV7	20610	43922	1.92%	0.151%
27	16.802	2295	2300	2305	rBV3	25102	41226	1.80%	0.142%
28	16.996	2328	2333	2337	rVV7	8067	17818	0.78%	0.061%
29	17.043	2337	2341	2343	rVV3	10106	11502	0.50%	0.040%
30	17.213	2366	2370	2373	rVV5	9145	11659	0.51%	0.040%
31	17.337	2386	2391	2399	rBV2	22271	41582	1.81%	0.143%
32	17.407	2400	2403	2409	rVV5	13111	25031	1.09%	0.086%
33	17.513	2415	2421	2423	rBV	8131	11448	0.50%	0.039%
34	17.548	2423	2427	2433	rVB8	8633	16077	0.70%	0.055%
35	17.624	2433	2440	2445	rBV9	6199	13145	0.57%	0.045%
36	17.689	2445	2451	2455	rBV	493132	748757	32.65%	2.583%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056122.D
Acq On : 25 Dec 2022 14:49
Operator : CG/JU
Sample : N6017-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBYH1

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_G\Methods\SFAM-EPA-BG122422.M
Title : SVOA CALIBRATION

37	17.730	2455	2458	2462	rVV	171202	243309	10.61%	0.839%
38	17.789	2462	2468	2478	rVB	1054397	1642704	71.64%	5.666%
39	18.083	2511	2518	2520	rBV7	11952	19025	0.83%	0.066%
40	18.112	2521	2523	2526	rVV4	11606	15735	0.69%	0.054%
41	18.141	2526	2528	2534	rVB7	7984	12893	0.56%	0.044%
42	18.206	2534	2539	2543	rBV3	8252	13471	0.59%	0.046%
43	18.265	2545	2549	2554	rBV8	9813	18256	0.80%	0.063%
44	18.412	2570	2574	2579	rBV8	7597	14253	0.62%	0.049%
45	18.476	2581	2585	2589	rBV6	20604	32814	1.43%	0.113%
46	18.535	2591	2595	2603	rVV2	144605	258357	11.27%	0.891%
47	18.606	2603	2607	2612	rVB	64095	98263	4.29%	0.339%
48	18.682	2615	2620	2625	rBV	26934	42910	1.87%	0.148%
49	18.753	2625	2632	2636	rVV3	65519	137477	6.00%	0.474%
50	18.788	2636	2638	2642	rVB2	33178	35765	1.56%	0.123%
51	18.899	2654	2657	2660	rBV5	8674	12861	0.56%	0.044%
52	18.952	2664	2666	2671	rVB5	11373	11940	0.52%	0.041%
53	19.046	2677	2682	2685	rBV	46246	66747	2.91%	0.230%
54	19.087	2685	2689	2694	rVB4	23519	37481	1.63%	0.129%
55	19.281	2719	2722	2726	rBV3	16676	22876	1.00%	0.079%
56	19.334	2728	2731	2734	rVB2	20470	25294	1.10%	0.087%
57	19.375	2735	2738	2742	rVB2	20891	27834	1.21%	0.096%
58	19.452	2746	2751	2756	rBV3	67384	117703	5.13%	0.406%
59	19.510	2758	2761	2762	rBV3	12424	13236	0.58%	0.046%
60	19.546	2765	2767	2771	rVB2	24716	21964	0.96%	0.076%
61	19.599	2771	2776	2783	rBV5	42530	115085	5.02%	0.397%
62	19.722	2787	2797	2802	rBV	875073	1312166	57.22%	4.526%
63	19.793	2803	2809	2816	rBV7	89643	233322	10.17%	0.805%
64	20.057	2847	2854	2857	rBV	1357627	2293119	100.00%	7.909%
65	20.145	2865	2869	2873	rBV2	44627	76007	3.31%	0.262%
66	20.186	2873	2876	2879	rVV	44627	58010	2.53%	0.200%
67	20.251	2883	2887	2893	rVB	49672	79444	3.46%	0.274%
68	20.392	2905	2911	2919	rVB4	80828	189262	8.25%	0.653%
69	20.562	2929	2940	2945	rBV	177101	417843	18.22%	1.441%
70	20.662	2953	2957	2961	rBV	98436	118806	5.18%	0.410%
71	20.862	2987	2991	2995	rBV	59312	87699	3.82%	0.302%
72	20.915	2996	3000	3009	rVB2	52265	88700	3.87%	0.306%
73	21.003	3013	3015	3016	rBV2	13105	10314	0.45%	0.036%
74	21.120	3033	3035	3038	rBV3	14018	17629	0.77%	0.061%
75	21.302	3062	3066	3068	rBV3	22353	32978	1.44%	0.114%
76	21.349	3069	3074	3080	rVV	116487	206473	9.00%	0.712%

LSC Area Percent Report

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Acq On : 25 Dec 2022 14:49
Operator : CG/JU
Sample : N6017-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYH1

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

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Title : SVOA CALIBRATION

77	21.543	3099	3107	3110	rBV3	114862	253710	11.06%	0.875%
78	21.579	3110	3113	3120	rVV2	124138	253434	11.05%	0.874%
79	21.643	3120	3124	3129	rVV2	89475	167741	7.31%	0.579%
80	21.702	3129	3134	3145	rVB2	121535	238283	10.39%	0.822%
81	21.837	3154	3157	3163	rVB3	50860	77368	3.37%	0.267%
82	21.978	3174	3181	3188	rBV2	655326	1915199	83.52%	6.606%
83	22.043	3188	3192	3204	rVB	444692	797651	34.78%	2.751%
84	22.207	3217	3220	3224	rBV5	23747	34458	1.50%	0.119%
85	22.272	3226	3231	3238	rBV3	63202	118588	5.17%	0.409%
86	22.419	3251	3256	3264	rBV2	64560	135359	5.90%	0.467%
87	22.483	3265	3267	3272	rVB5	23367	34335	1.50%	0.118%
88	22.842	3325	3328	3340	rVB3	91874	186712	8.14%	0.644%
89	23.065	3361	3366	3370	rBV3	49430	82210	3.59%	0.284%
90	24.352	3576	3585	3593	rBV	366275	1289596	56.24%	4.448%
91	24.628	3627	3632	3641	rVB3	75242	192491	8.39%	0.664%
92	25.139	3711	3719	3725	rBV2	180982	543145	23.69%	1.873%
93	25.233	3725	3735	3741	rVV2	636137	1977145	86.22%	6.819%
94	25.298	3742	3746	3757	rVB	288659	749467	32.68%	2.585%
95	25.462	3765	3774	3782	rBV2	280192	834671	36.40%	2.879%
96	26.702	3978	3985	3995	rVB4	56352	176494	7.70%	0.609%
97	28.171	4231	4235	4236	rBV4	11942	16249	0.71%	0.056%
98	29.446	4442	4452	4453	rBV	116861	248616	10.84%	0.857%
99	29.981	4534	4543	4556	rBV6	55114	227224	9.91%	0.784%
100	30.709	4657	4667	4683	rVB2	89641	424921	18.53%	1.466%

Sum of corrected areas: 28993175

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056122.D
Acq On : 25 Dec 2022 14:49
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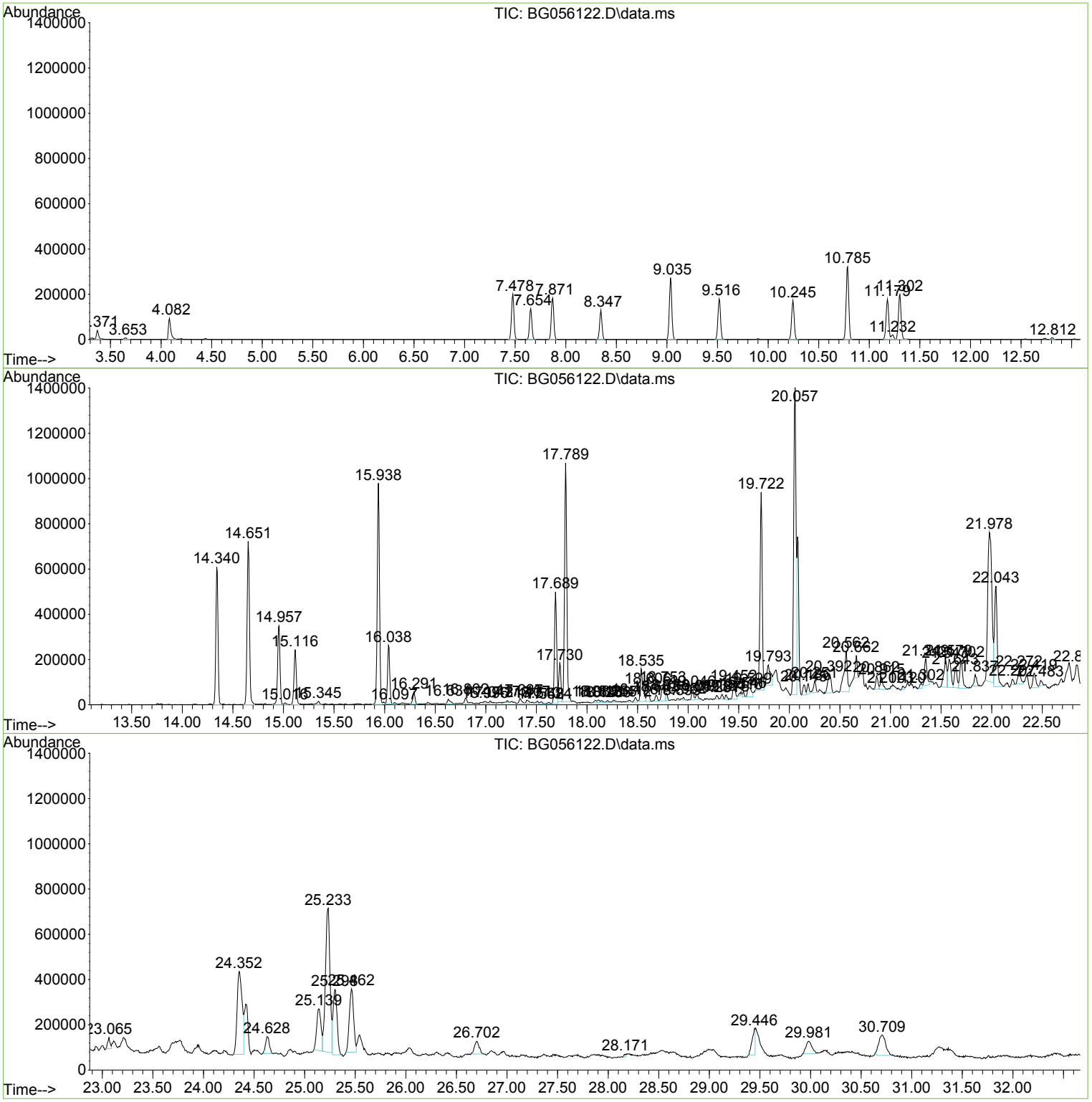
Sample : N6017-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYH1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056122.D
Acq On : 25 Dec 2022 14:49
Operator : CG/JU
Sample : N6017-22
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Instrument :
BNA_G
ClientSampleId :
DBYH1

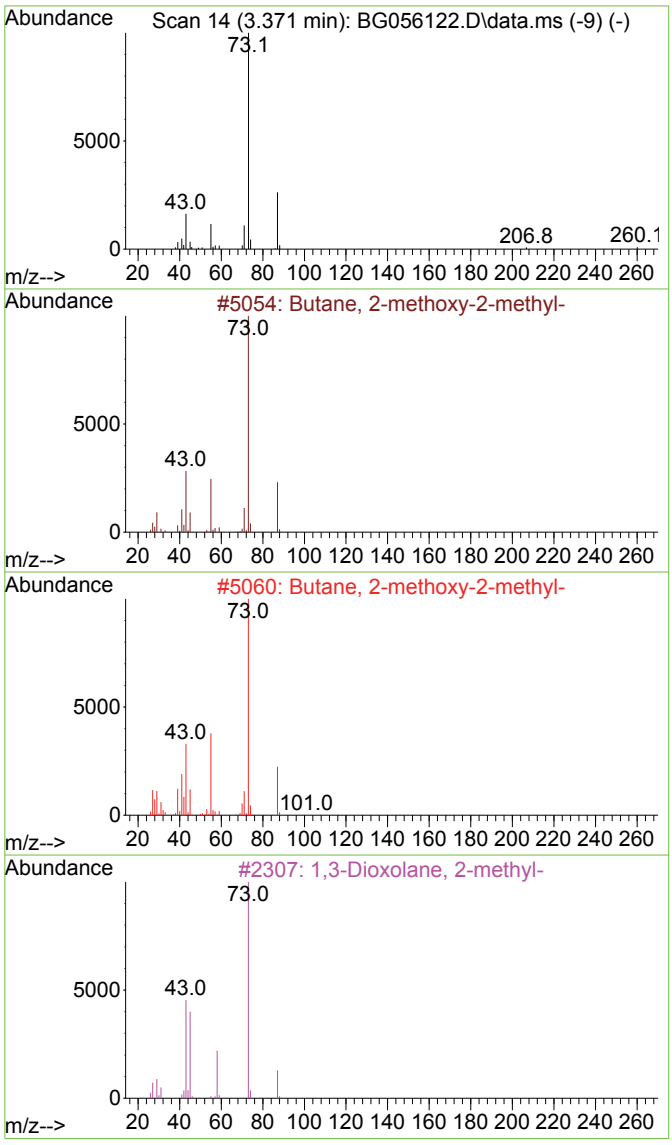
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

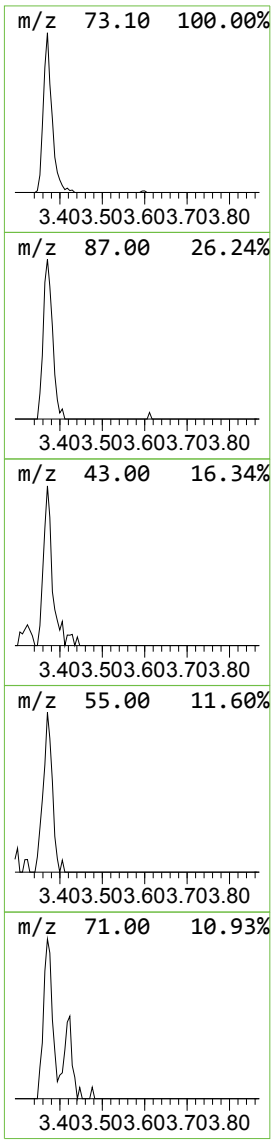
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.371	5.09 ng/ul	53905	1,4-Dichlorobenzene-d4	8.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056122.D
Acq On : 25 Dec 2022 14:49
Operator : CG/JU
Sample : N6017-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYH1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

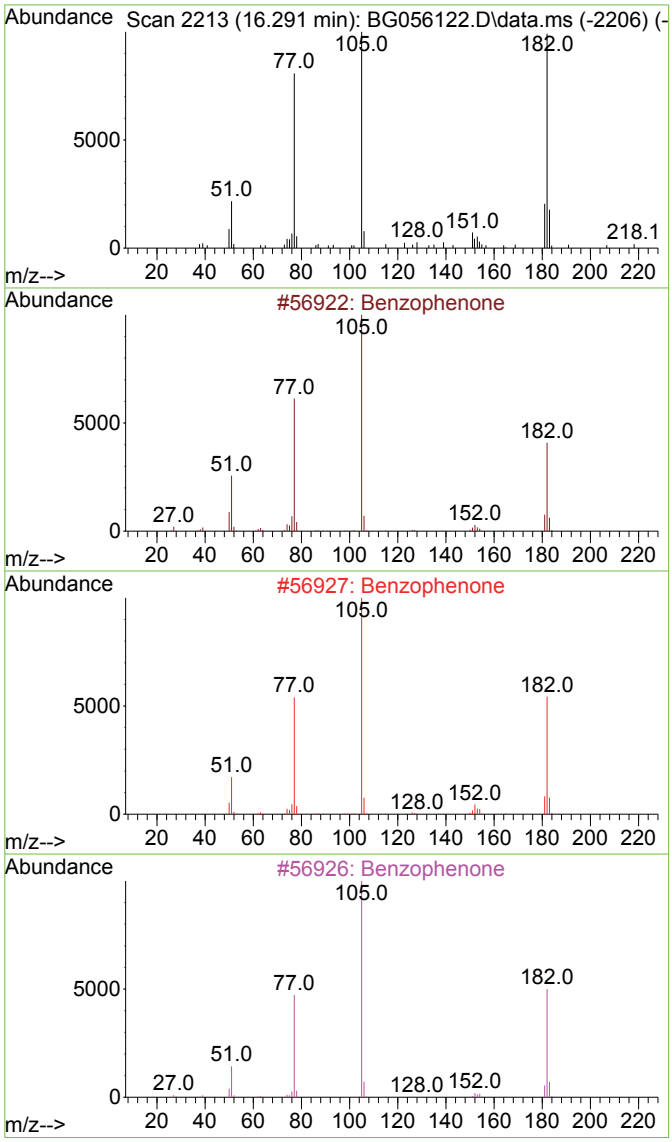
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

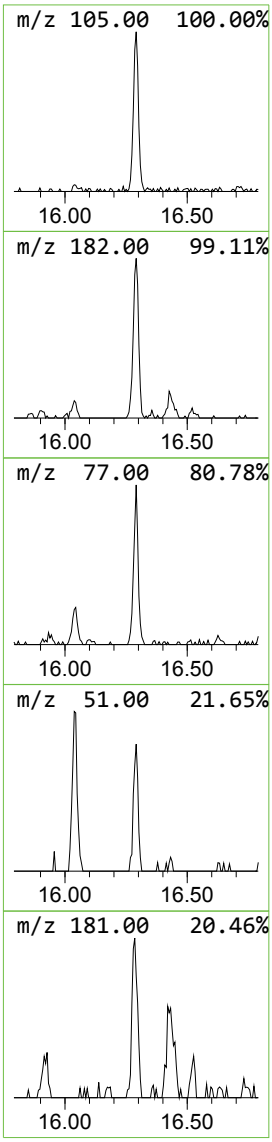
****

Peak Number 2 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.291	2.81 ng/ul	80568	Acenaphthene-d10	14.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Benzophenone	182	C13H10O	000119-61-9	87
3	Benzophenone	182	C13H10O	000119-61-9	87
4	Benzophenone	182	C13H10O	000119-61-9	83
5	Azobenzene	182	C12H10N2	000103-33-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056122.D
Acq On : 25 Dec 2022 14:49
Operator : CG/JU
Sample : N6017-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYH1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

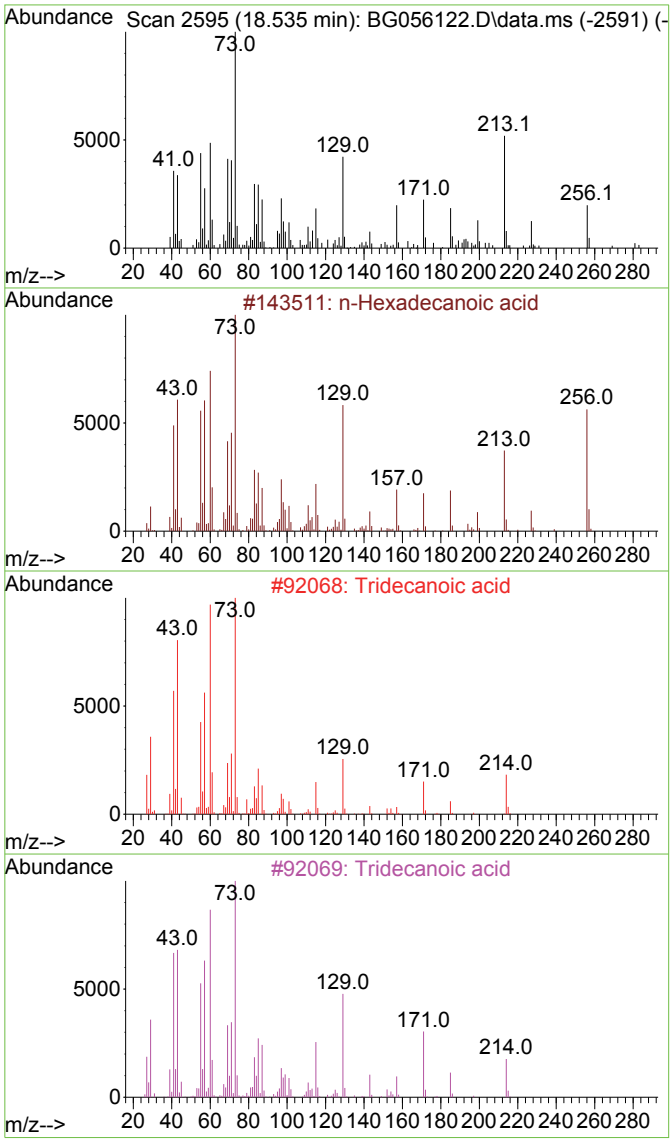
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

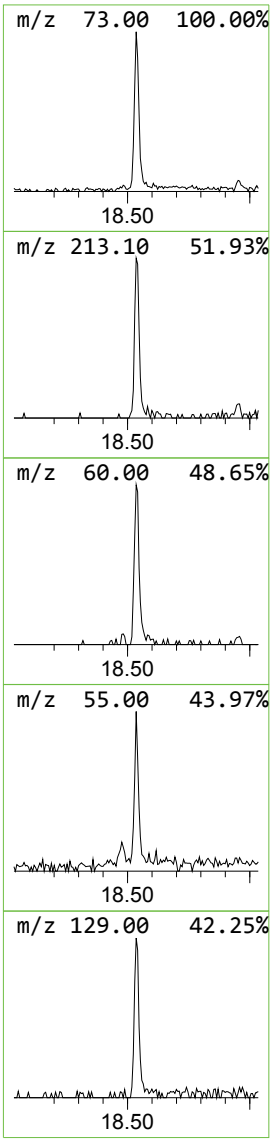
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.535	6.90 ng/ul	258357	Phenanthrene-d10	17.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	47
4	Dodecanoic acid	200	C12H24O2	000143-07-7	38
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056122.D
Acq On : 25 Dec 2022 14:49
Operator : CG/JU
Sample : N6017-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYH1

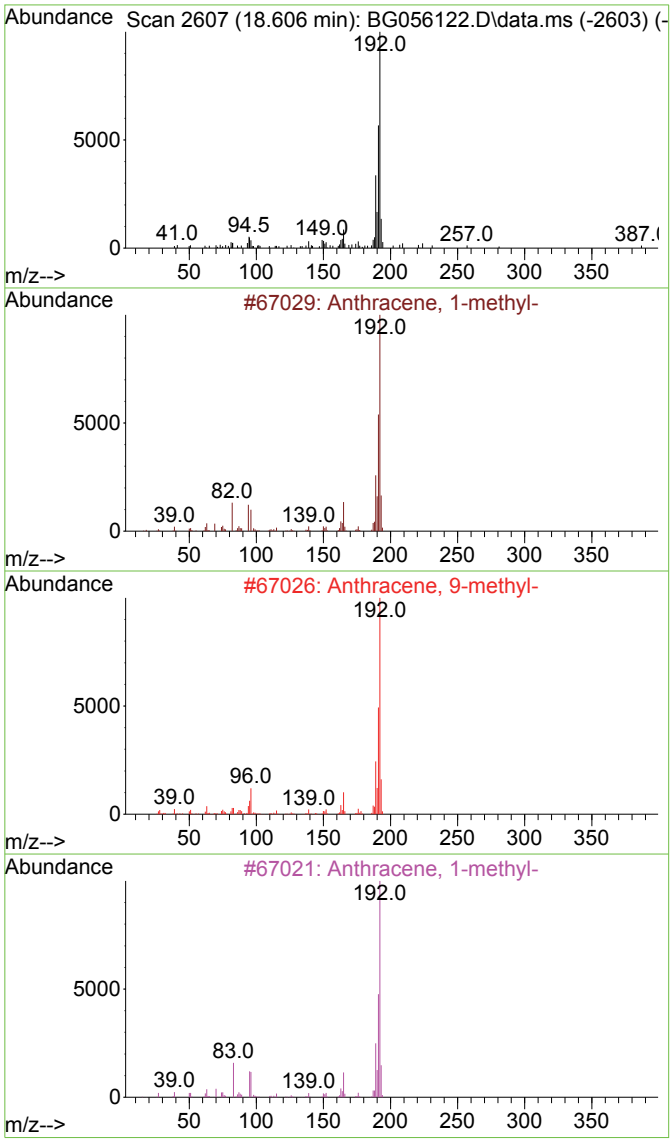
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

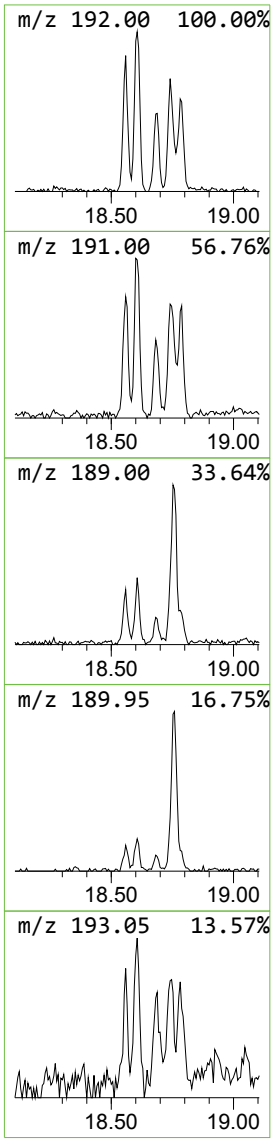
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.606	2.62 ng/ul	98263	Phenanthrene-d10	17.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056122.D
Acq On : 25 Dec 2022 14:49
Operator : CG/JU
Sample : N6017-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYH1

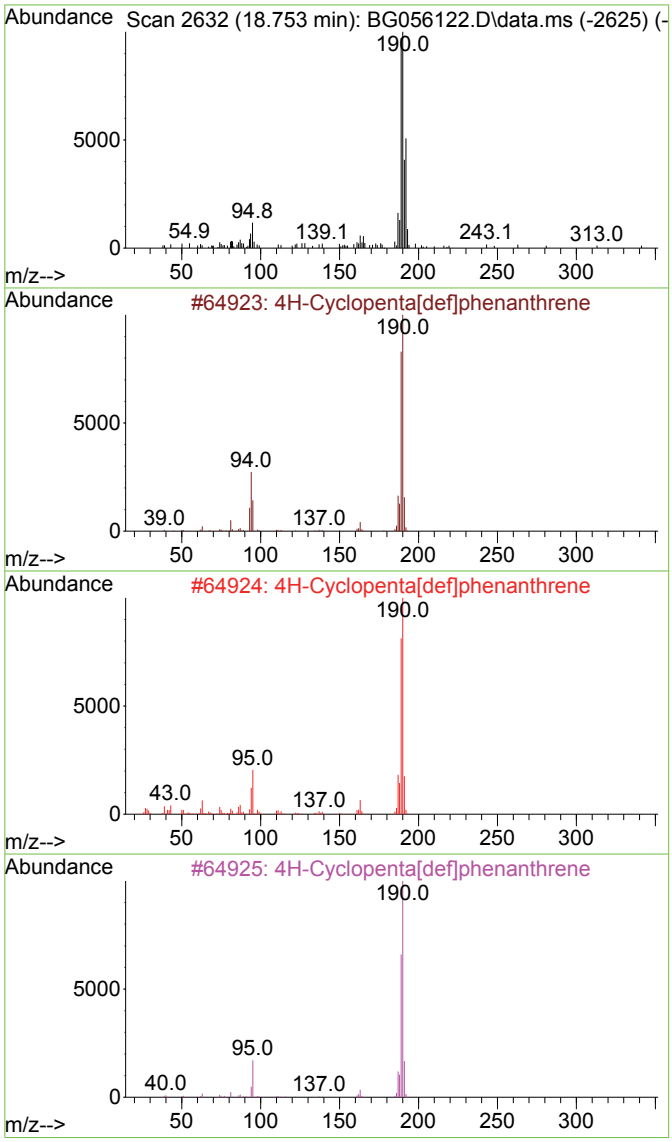
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

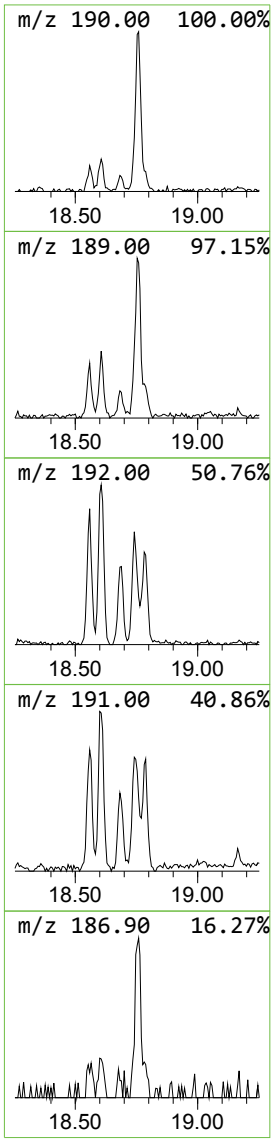
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.753	3.67 ng/ul	137477	Phenanthrene-d10	17.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43





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Acq On : 25 Dec 2022 14:49
Operator : CG/JU
Sample : N6017-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYH1

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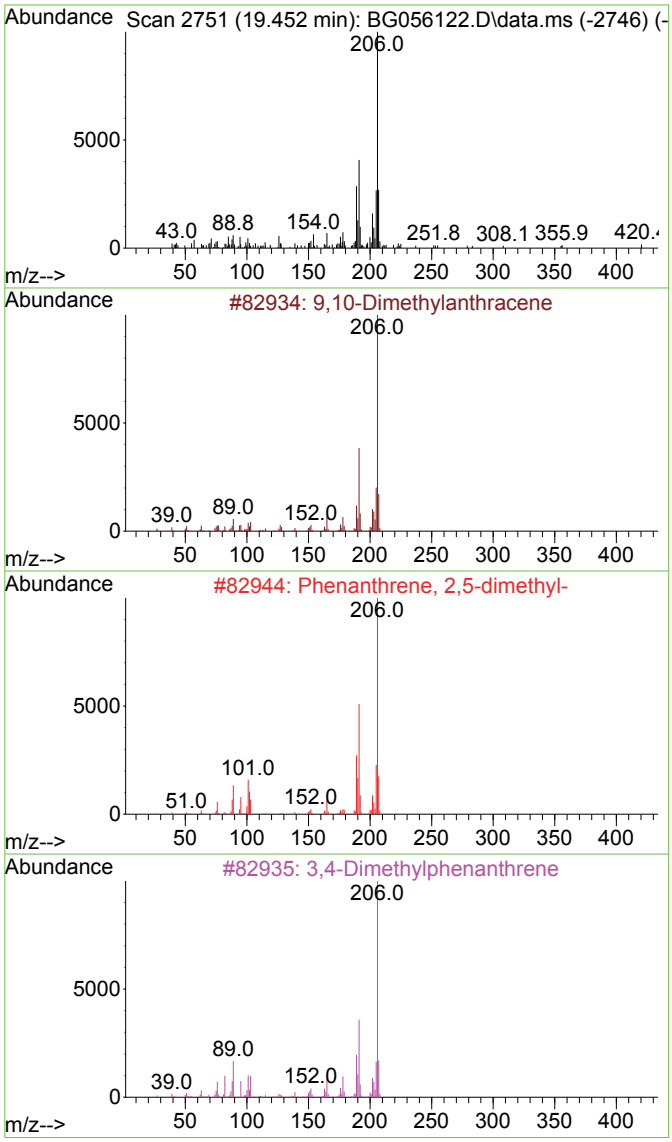
Quant Title : SVOA CALIBRATION

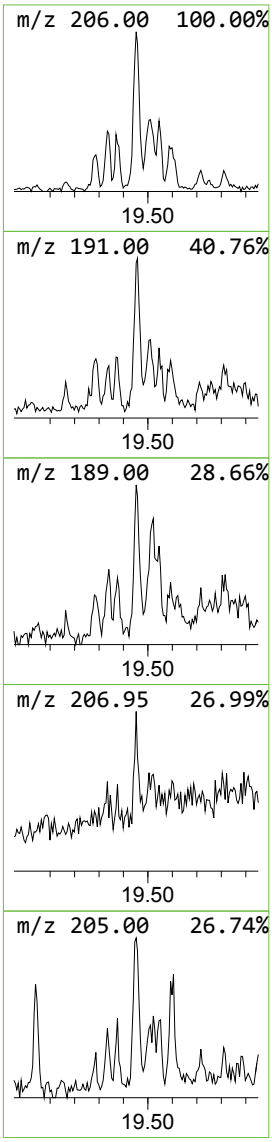
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.452	3.14 ng/ul	117703	Phenanthrene-d10	17.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83





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Sample : N6017-22
Misc :
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Instrument :
BNA_G
ClientSampleId :
DBYH1

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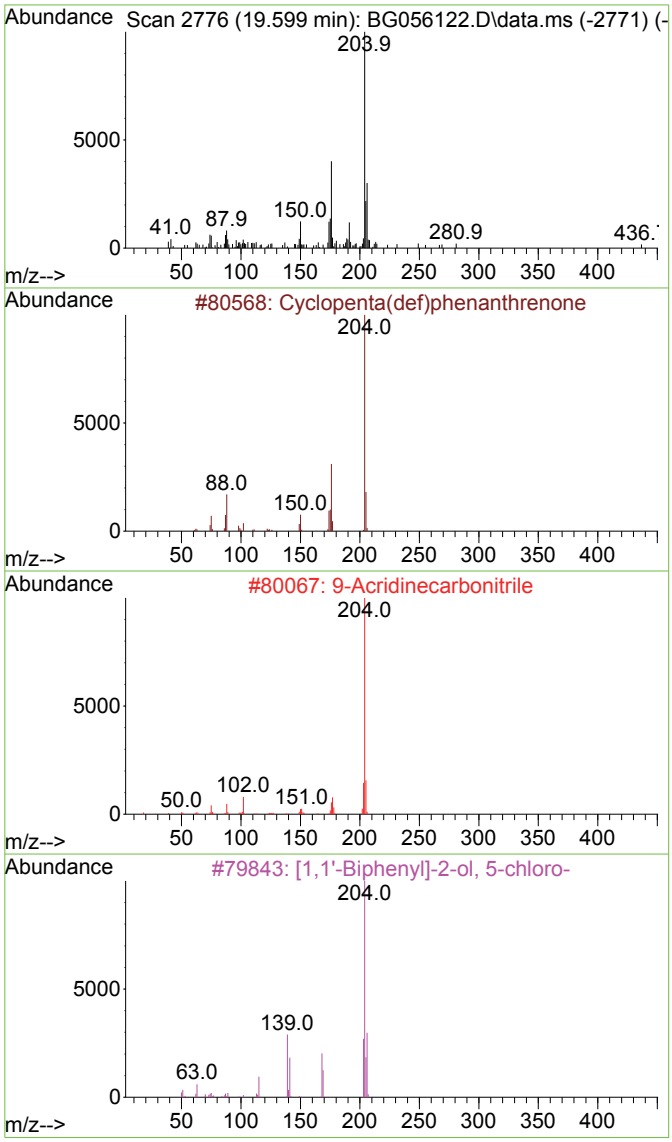
Quant Title : SVOA CALIBRATION

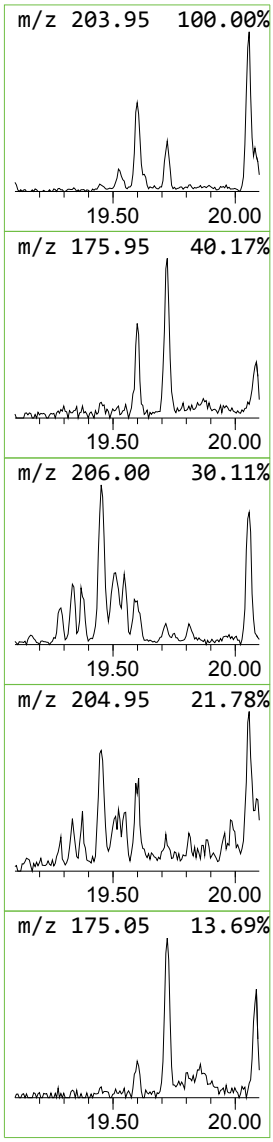
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.599	3.07 ng/ul	115085	Phenanthrene-d10	17.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-...	246	C14H11ClO2	057396-87-9	43





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Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

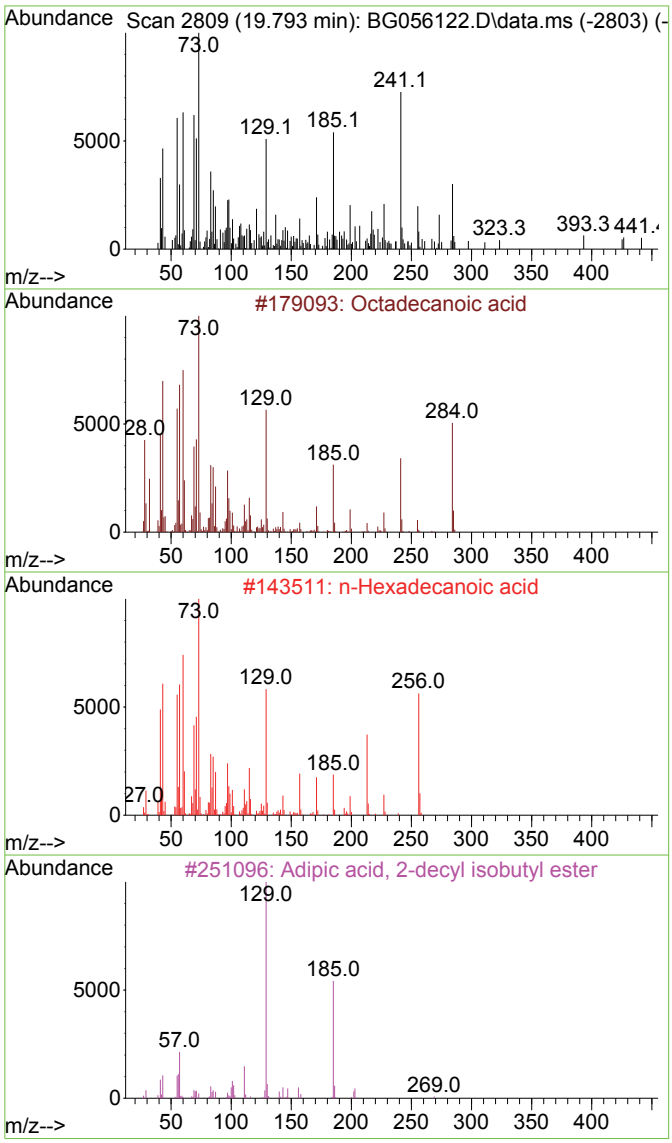
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

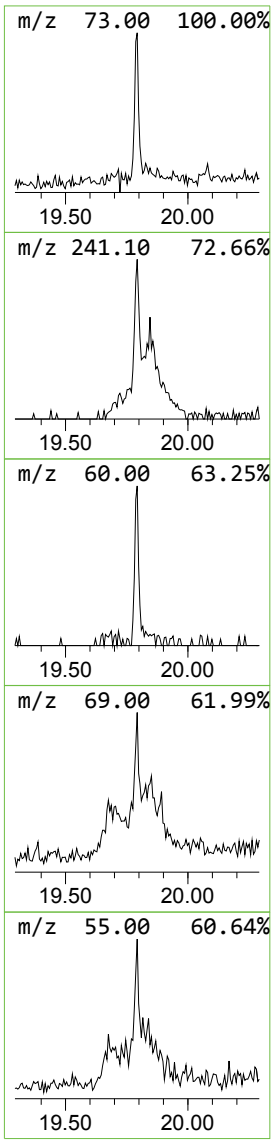
****

Peak Number 8 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.793	6.23 ng/ul	233322	Phenanthrene-d10	17.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	53
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	42
3	Adipic acid, 2-decyl isobutyl ester	342	C20H38O4	1000353-59-6	22
4	n-Decanoic acid	172	C10H20O2	000334-48-5	22
5	Sebacic acid, 3-hexyl isobutyl e...	342	C20H38O4	1000355-53-8	22





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Instrument :
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ClientSampleId :
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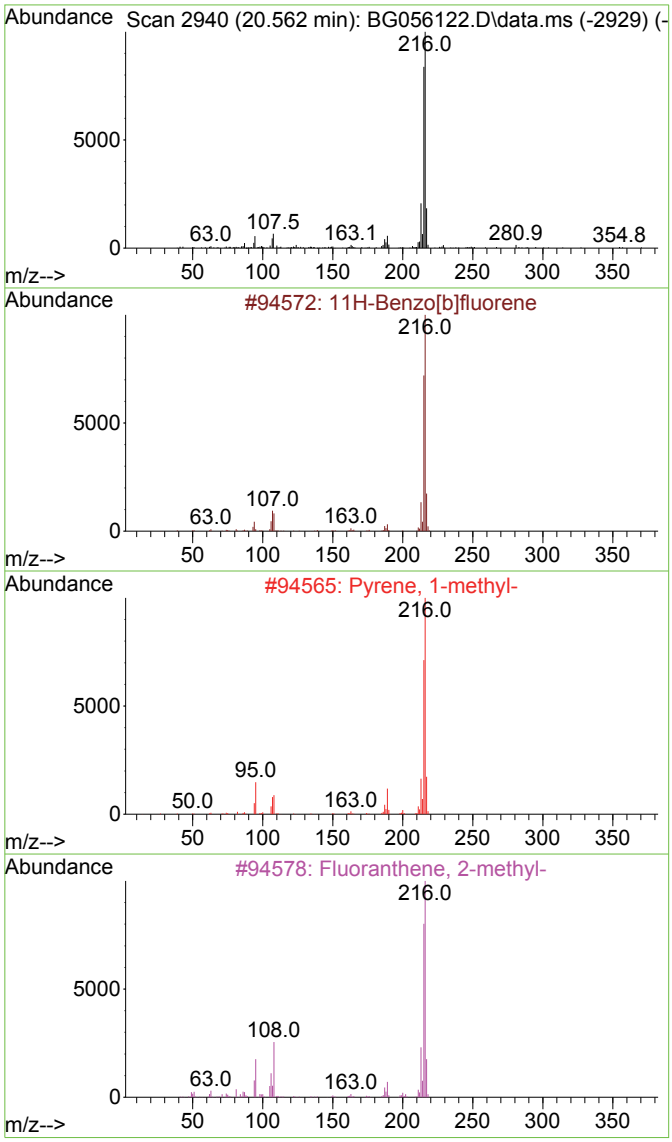
Quant Title : SVOA CALIBRATION

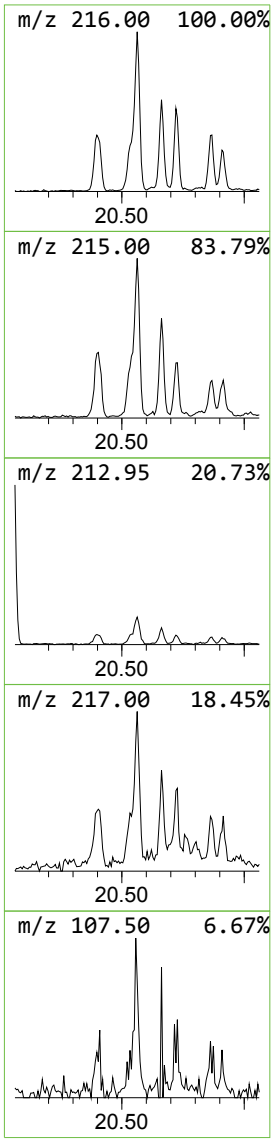
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.562	4.36 ng/ul	417843	Chrysene-d12	21.990

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Misc :
ALS Vial : 31 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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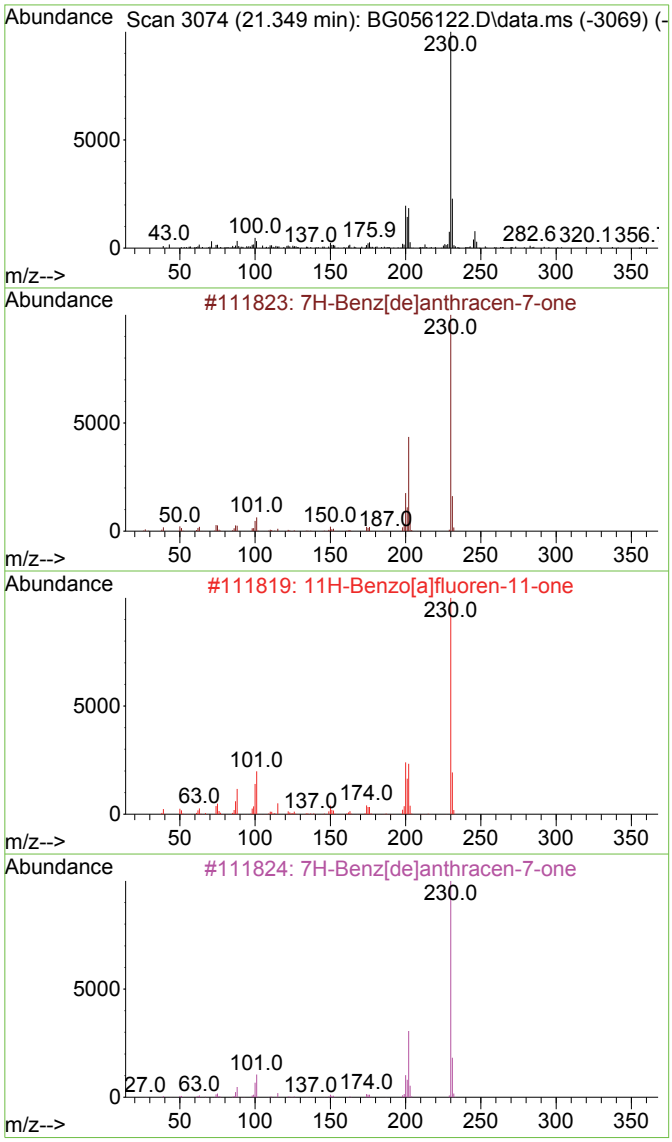
Quant Title : SVOA CALIBRATION

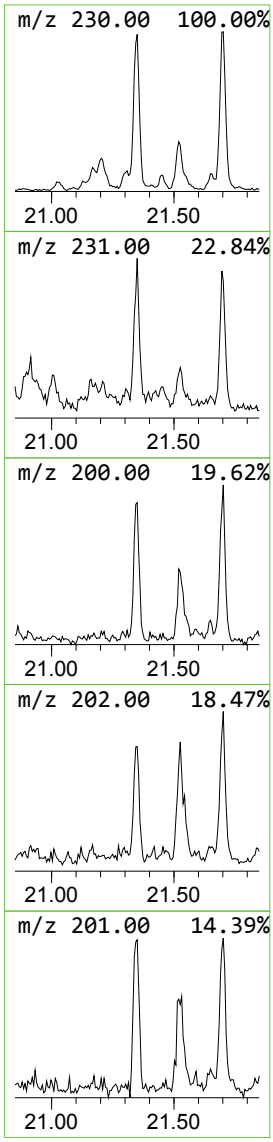
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.349	2.16 ng/ul	206473	Chrysene-d12	21.990

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
5	5,7-Dimethyl-8-hydroxyquinoline,...	245	C14H19NOSi	1000463-41-8	53





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBYH1

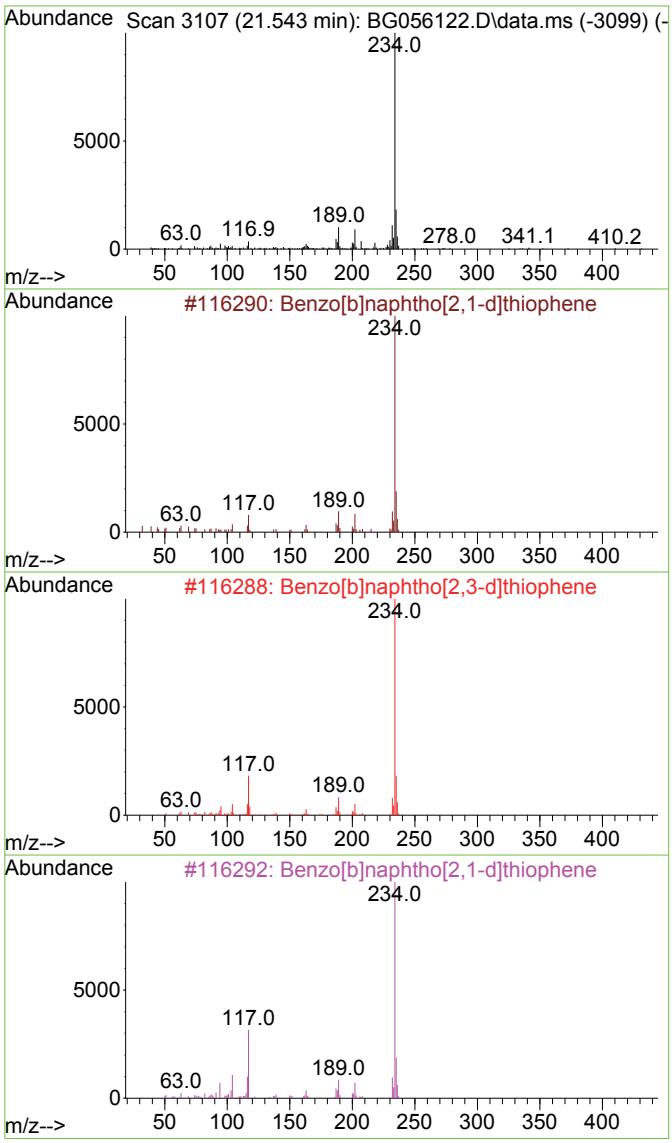
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

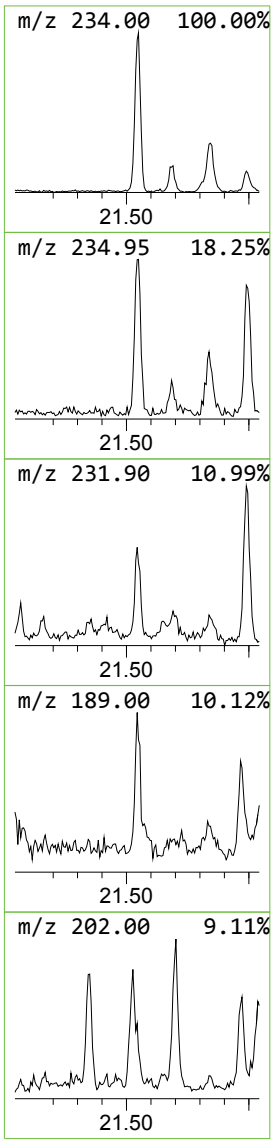
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.543	2.65 ng/ul	253710	Chrysene-d12	21.990

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBYH1

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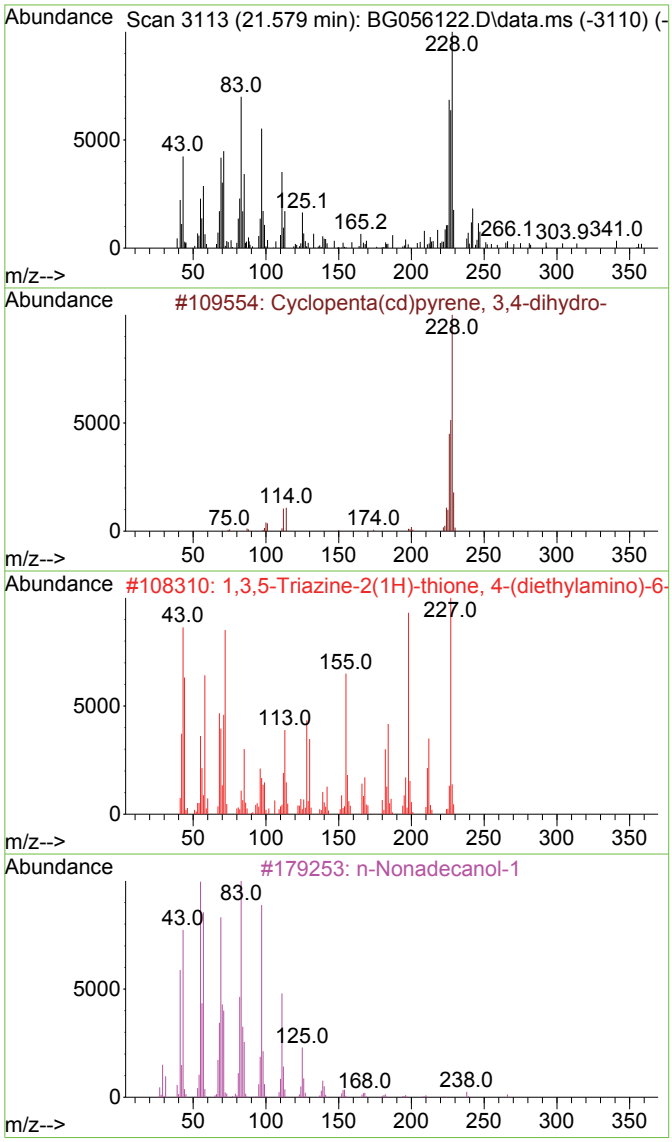
Quant Title : SVOA CALIBRATION

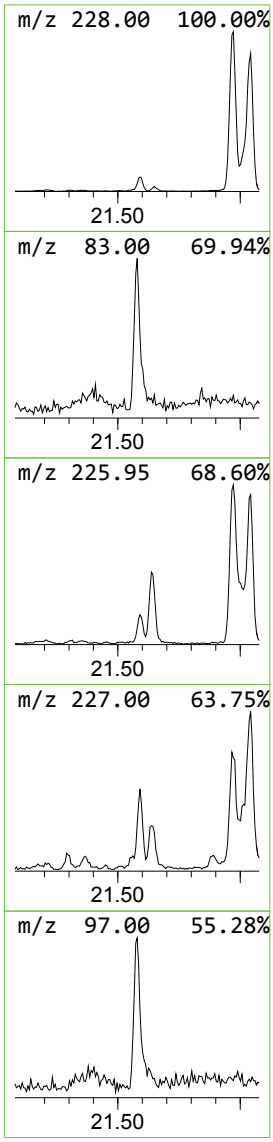
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.579	2.65 ng/ul	253434	Chrysene-d12	21.990

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38
2	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	25
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	25
4	1-Nonadecene	266	C19H38	018435-45-5	22
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	22





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Instrument :
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ClientSampleId :
DBYH1

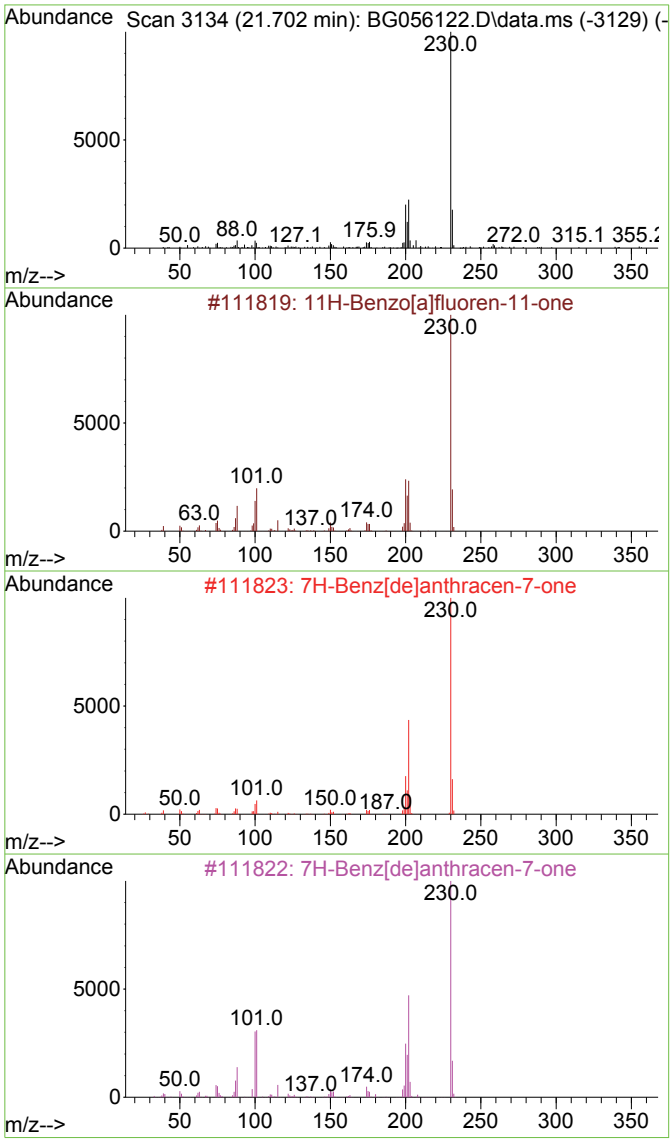
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

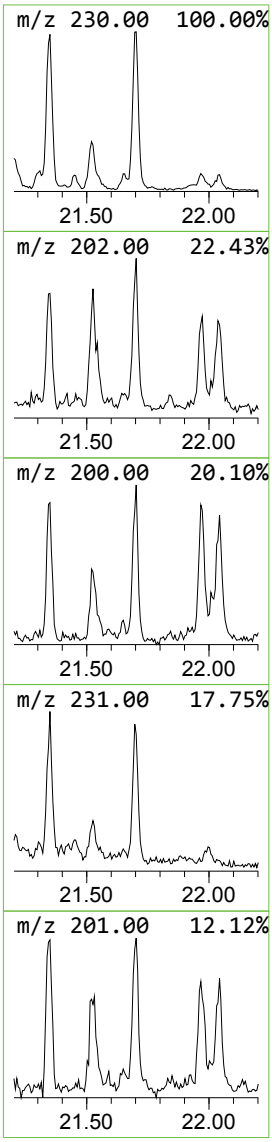
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.702	2.49 ng/ul	238283	Chrysene-d12	21.990

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	o-Terphenyl	230	C18H14	000084-15-1	50





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Sample : N6017-22
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBYH1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

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

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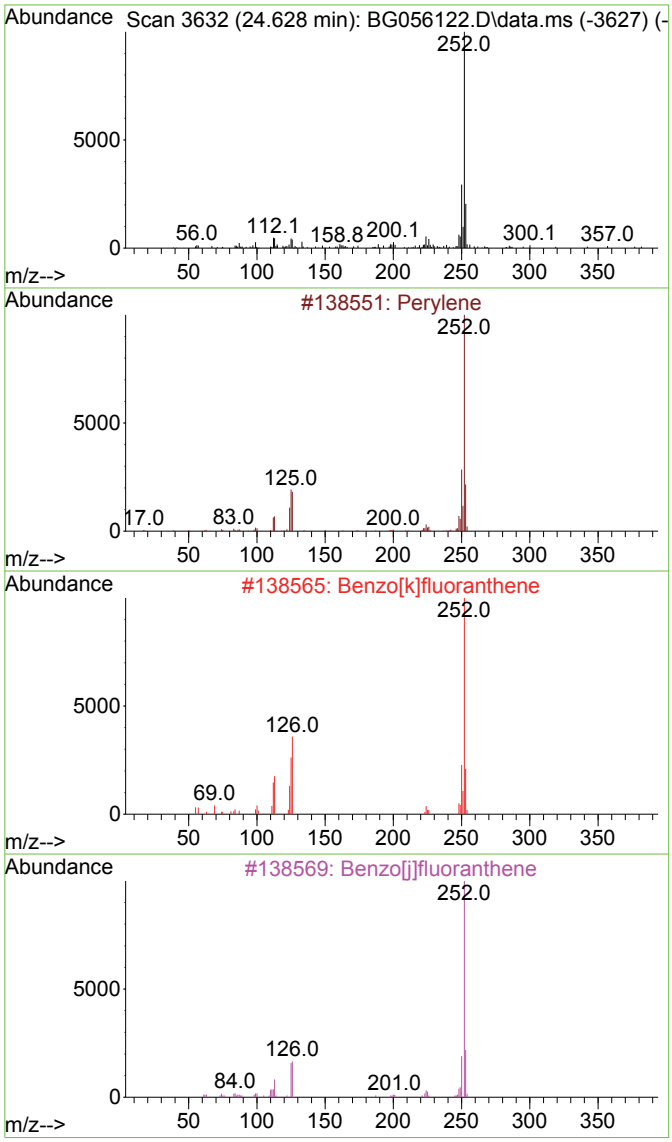
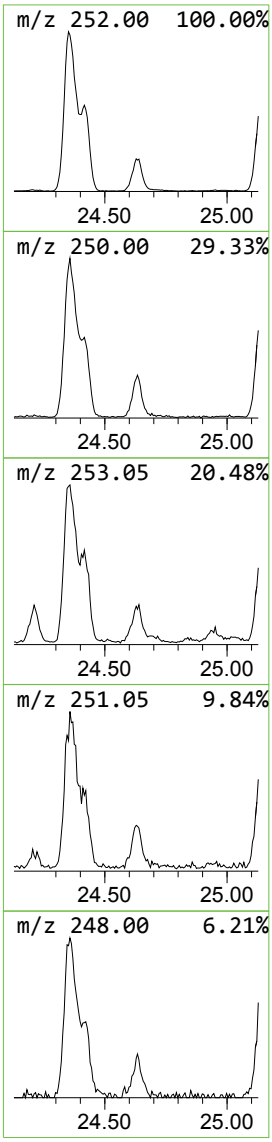
Peak Number 14 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.628	4.61 ng/ul	192491	Perylene-d12	25.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	74
5	Benzo[a]pyrene	252	C20H12	000050-32-8	74





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

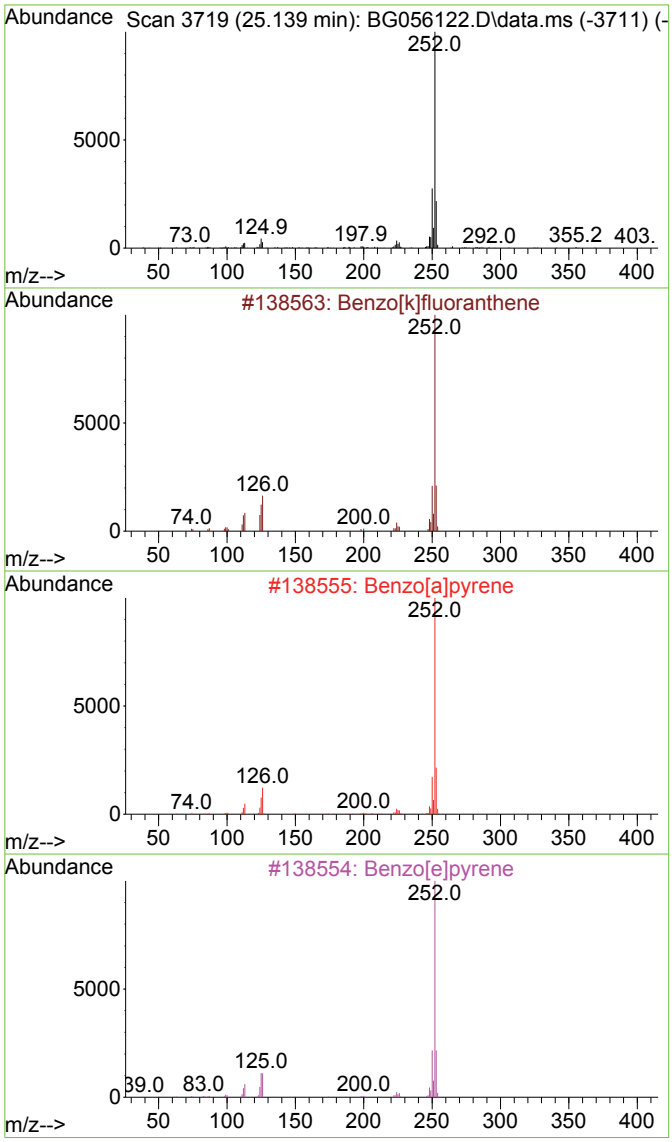
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

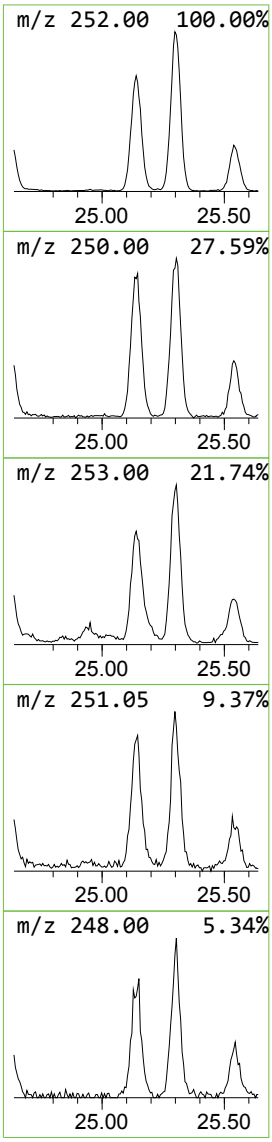
****

Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.139	13.01 ng/ul	543145	Perylene-d12	25.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





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ClientSampleId :
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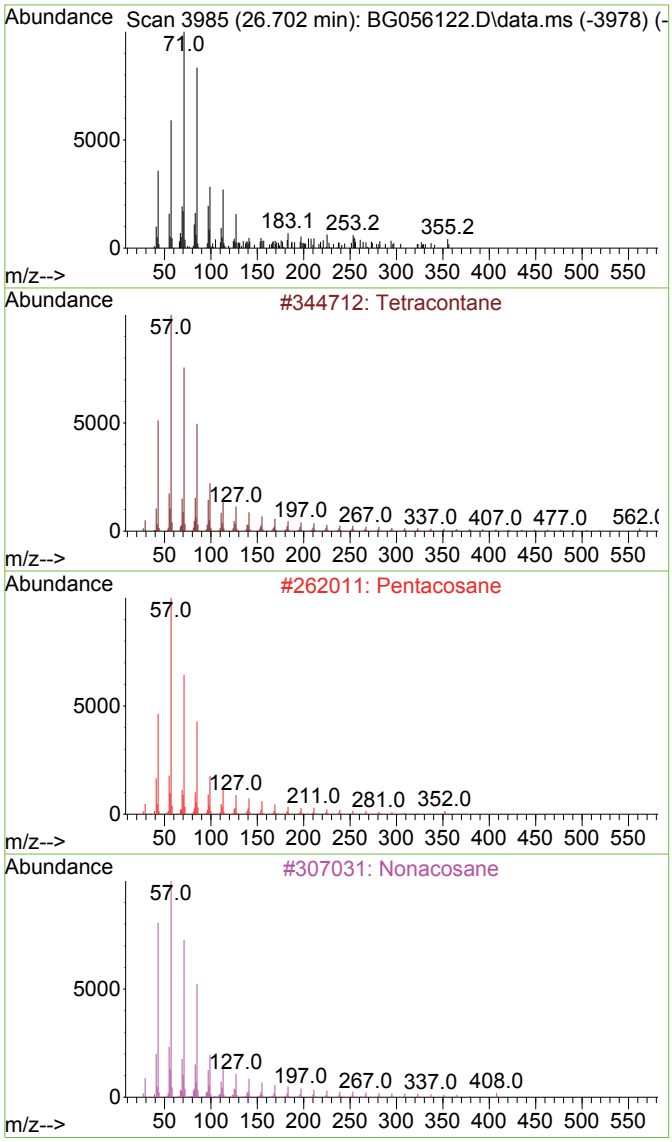
Quant Title : SVOA CALIBRATION

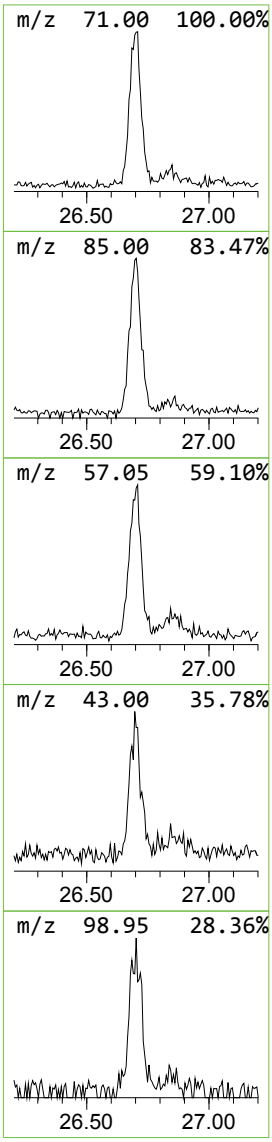
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.702	4.23 ng/ul	176494	Perylene-d12	25.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane	563	C40H82	004181-95-7	86
2	Pentacosane	352	C25H52	000629-99-2	86
3	Nonacosane	408	C29H60	000630-03-5	80
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	80
5	Octacosane	394	C28H58	000630-02-4	80





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Sample : N6017-22
Misc :
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ClientSampleId :
DBYH1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

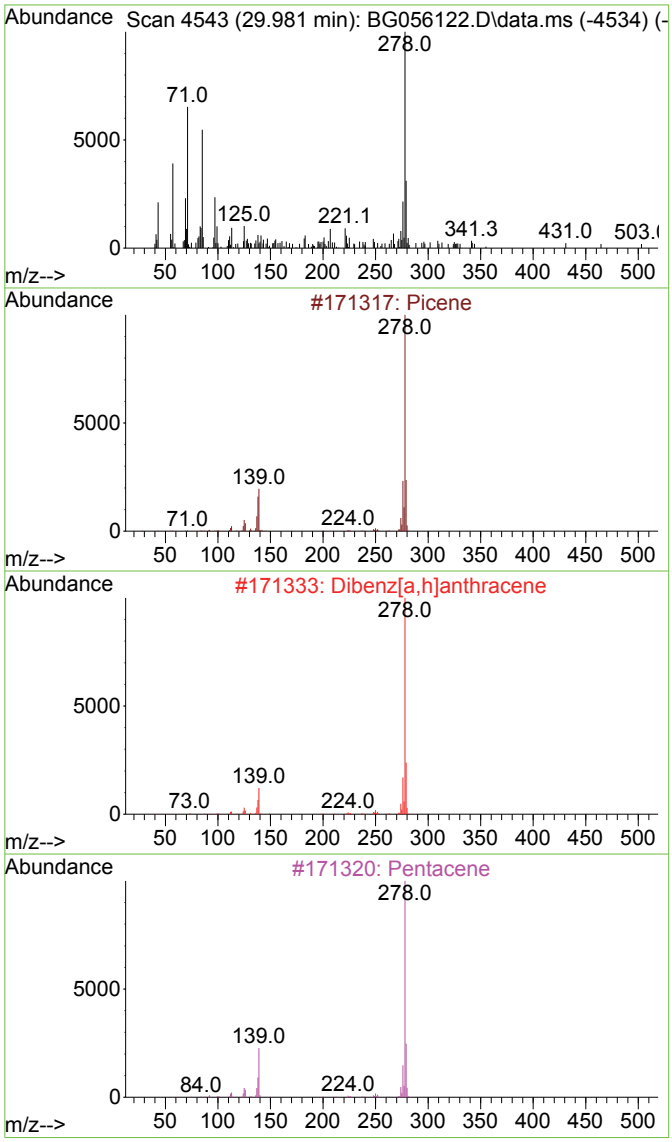
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

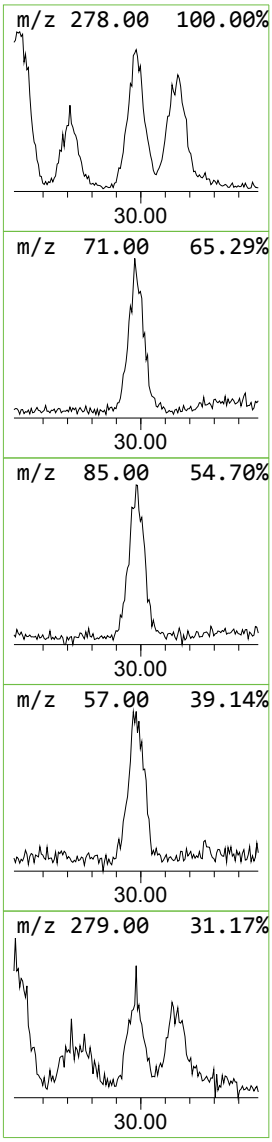
****

Peak Number 17 Picene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.981	5.44 ng/ul	227224	Perylene-d12	25.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	50
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	43
3	Pentacene	278	C22H14	000135-48-8	43
4	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	35
5	benzoic acid, 4-[2-(4-aminopheny...	278	C17H14N2O2	1000397-13-0	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056122.D
Acq On : 25 Dec 2022 14:49
Operator : CG/JU
Sample : N6017-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYH1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.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
Butane, 2-metho...	3.371	5.1	ng/ul	53905	1	8.347	211881	20.0
Benzophenone	16.291	2.8	ng/ul	80568	3	14.957	573485	20.0
n-Hexadecanoic ...	18.535	6.9	ng/ul	258357	4	17.689	748757	20.0
Anthracene, 1-m...	18.606	2.6	ng/ul	98263	4	17.689	748757	20.0
4H-Cyclopenta[d...	18.753	3.7	ng/ul	137477	4	17.689	748757	20.0
9,10-Dimethylan...	19.452	3.1	ng/ul	117703	4	17.689	748757	20.0
Cyclopenta(def)...	19.599	3.1	ng/ul	115085	4	17.689	748757	20.0
Octadecanoic acid	19.793	6.2	ng/ul	233322	4	17.689	748757	20.0
11H-Benzo[b]flu...	20.562	4.4	ng/ul	417843	5	21.990	1915200	20.0
7H-Benz[de]anth...	21.349	2.2	ng/ul	206473	5	21.990	1915200	20.0
Benzo[b]naphtho...	21.543	2.6	ng/ul	253710	5	21.990	1915200	20.0
unknown-01	21.579	2.6	ng/ul	253434	5	21.990	1915200	20.0
11H-Benzo[a]flu...	21.702	2.5	ng/ul	238283	5	21.990	1915200	20.0
Perylene	24.628	4.6	ng/ul	192491	6	25.462	834671	20.0
Benzo[e]pyrene	25.139	13.0	ng/ul	543145	6	25.462	834671	20.0
(DEL) Alkane: S...	26.702	4.2	ng/ul	176494	6	25.462	834671	20.0
Picene	29.981	5.4	ng/ul	227224	6	25.462	834671	20.0