LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057266.D
Acq On : 2 May 2023 2:03
Operator : CG/JU
Sample : 02374-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB9D5

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-BG042823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG057266.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.215	112	115	122	rVB4	4112	5966	1.50%	0.161%
2	4.297	126	129	131	rBV2	735	859	0.22%	0.023%
3	4.350	135	138	141	rVB2	1114	1156	0.29%	0.031%
4	4.462	153	157	164	rVB3	1225	1944	0.49%	0.052%
5	5.401	315	317	321	rVB2	1273	1394	0.35%	0.038%
6	6.012	420	421	423	rBV	546	517	0.13%	0.014%
7	7.176	617	619	624	rBV2	464	736	0.19%	0.020%
8	7.522	672	678	687	rBV	32532	57677	14.53%	1.555%
9	7.687	699	706	715	rBV2	22821	38769	9.76%	1.045%
10	7.775	718	721	725	rVB2	402	660	0.17%	0.018%
11	7.910	738	744	750	rBV	30916	51836	13.06%	1.397%
12	8.386	818	825	831	rBV	54943	92610	23.32%	2.496%
13	8.556	850	854	858	rBV2	464	858	0.22%	0.023%
14	8.938	915	919	922	rBV2	347	715	0.18%	0.019%
15	8.991	925	928	931	rBV2	374	576	0.15%	0.016%
16	9.085	935	944	954	rBV	37319	65943	16.61%	1.777%
17	9.214	960	966	973	rVB2	7075	13709	3.45%	0.370%
18	9.490	1010	1013	1016	rBV	450	502	0.13%	0.014%
19	9.561	1018	1025	1033	rVB	33335	56914	14.33%	1.534%
20	9.913	1083	1085	1088	rBV2	953	1030	0.26%	0.028%
21	10.289	1143	1149	1155	rVB2	29217	48313	12.17%	1.302%
22	10.653	1208	1211	1212	rVB	539	517	0.13%	0.014%
23	10.753	1225	1228	1231	rBV	617	866	0.22%	0.023%
24	10.794	1231	1235	1236	rVB	547	498	0.13%	0.013%
25	10.835	1236	1242	1252	rBV2	44855	77556	19.53%	2.090%
26	11.217	1300	1307	1314	rBV	76013	140212	35.31%	3.779%
27	11.270	1314	1316	1321	rVB2	686	882	0.22%	0.024%
28	11.346	1324	1329	1338	rBV2	11435	19741	4.97%	0.532%
29	11.993	1437	1439	1444	rVB2	692	883	0.22%	0.024%
30	12.786	1570	1574	1575	rBV	597	765	0.19%	0.021%
31	12.850	1580	1585	1587	rBV2	667	781	0.20%	0.021%
32	13.784	1742	1744	1748	rBV	716	532	0.13%	0.014%
33	13.855	1752	1756	1760	rBV2	937	1498	0.38%	0.040%
34	14.307	1832	1833	1835	rBV2	690	611	0.15%	0.016%
35	14.378	1839	1845	1851	rVV	93749	127138	32.02%	3.427%
36	14.430	1851	1854	1858	rVB	357	508	0.13%	0.014%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : CB9D5

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-BG042823.MA.M
Title : SVOA CALIBRATION

37	14.536	1866	1872	1878	rBV4	1086	2483	0.63%	0.067%
38	14.695	1892	1899	1907	rBV	95320	151904	38.26%	4.094%
39	14.994	1943	1950	1957	rBV	130528	202327	50.96%	5.453%
40	15.059	1957	1961	1966	rBV3	3723	5308	1.34%	0.143%
41	15.182	1977	1982	1994	rVB2	24514	40968	10.32%	1.104%
42	15.329	2005	2007	2010	rVB	675	636	0.16%	0.017%
43	15.388	2013	2017	2024	rVB4	3138	4217	1.06%	0.114%
44	15.453	2024	2028	2032	rBV2	510	673	0.17%	0.018%
45	15.981	2111	2118	2124	rBV	128899	195134	49.14%	5.260%
46	16.034	2124	2127	2133	rVB2	4135	5311	1.34%	0.143%
47	16.099	2133	2138	2145	rBV	17505	23709	5.97%	0.639%
48	16.152	2145	2147	2151	rVB2	591	764	0.19%	0.021%
49	16.187	2151	2153	2155	rBV	1196	839	0.21%	0.023%
50	16.328	2171	2177	2184	rVB	70101	98808	24.89%	2.663%
51	16.463	2197	2200	2202	rBV	1093	1250	0.31%	0.034%
52	16.669	2233	2235	2236	rVB	979	618	0.16%	0.017%
53	16.692	2236	2239	2245	rVB2	1127	1784	0.45%	0.048%
54	16.786	2251	2255	2258	rBV2	1546	1993	0.50%	0.054%
55	16.833	2260	2263	2268	rBV3	1613	2496	0.63%	0.067%
56	16.892	2268	2273	2280	rVB4	9607	14655	3.69%	0.395%
57	16.951	2280	2283	2287	rBV3	1653	1761	0.44%	0.047%
58	17.033	2288	2297	2301	rBV6	1838	3724	0.94%	0.100%
59	17.091	2301	2307	2309	rBV3	1126	1798	0.45%	0.048%
60	17.174	2317	2321	2327	rVB3	2549	4257	1.07%	0.115%
61	17.221	2327	2329	2330	rBV	709	591	0.15%	0.016%
62	17.244	2330	2333	2338	rVV2	1822	3080	0.78%	0.083%
63	17.291	2338	2341	2344	rBV3	1265	1611	0.41%	0.043%
64	17.391	2352	2358	2361	rVB	3747	5101	1.28%	0.137%
65	17.450	2363	2368	2372	rVV5	2003	2918	0.73%	0.079%
66	17.485	2372	2374	2377	rVB2	1489	1483	0.37%	0.040%
67	17.556	2382	2386	2389	rVV2	3486	4858	1.22%	0.131%
68	17.597	2391	2393	2396	rVB3	1576	1308	0.33%	0.035%
69	17.673	2402	2406	2409	rBV2	909	1516	0.38%	0.041%
70	17.732	2409	2416	2420	rBV	155774	243518	61.33%	6.564%
71	17.773	2420	2423	2428	rVB	76012	105982	26.69%	2.857%
72	17.832	2428	2433	2438	rBV	139771	206229	51.94%	5.559%
73	17.926	2446	2449	2453	rVB3	2064	2648	0.67%	0.071%
74	17.961	2453	2455	2456	rBV2	1019	919	0.23%	0.025%
75	18.043	2467	2469	2470	rBV2	1198	852	0.21%	0.023%
76	18.131	2479	2484	2488	rBV3	5858	9949	2.51%	0.268%

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Misc :
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Instrument : BNA_G
ClientSampleId : CB9D5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Title : SVOA CALIBRATION

77	18.237	2499	2502	2506	rBV3	2203	3372	0.85%	0.091%
78	18.272	2506	2508	2509	rVV	1072	778	0.20%	0.021%
79	18.302	2509	2513	2514	rVV4	1594	2077	0.52%	0.056%
80	18.343	2518	2520	2523	rBV3	1433	1211	0.30%	0.033%
81	18.384	2526	2527	2530	rBV2	1290	1406	0.35%	0.038%
82	18.443	2535	2537	2539	rBV3	1841	2307	0.58%	0.062%
83	18.525	2549	2551	2552	rBV	1885	1569	0.40%	0.042%
84	18.578	2555	2560	2561	rBV4	9051	12431	3.13%	0.335%
85	18.601	2561	2564	2569	rVB	12391	16508	4.16%	0.445%
86	18.648	2569	2572	2577	rVB2	17965	24405	6.15%	0.658%
87	18.730	2581	2586	2590	rBV2	4291	6845	1.72%	0.184%
88	18.801	2591	2598	2601	rBV3	18607	34330	8.65%	0.925%
89	18.977	2626	2628	2629	rBV	1677	1351	0.34%	0.036%
90	19.083	2642	2646	2650	rBV2	8722	11640	2.93%	0.314%
91	19.136	2651	2655	2659	rBV2	10984	14210	3.58%	0.383%
92	19.312	2682	2685	2686	rBV3	4071	4149	1.04%	0.112%
93	19.471	2710	2712	2713	rBV2	3487	2447	0.62%	0.066%
94	19.764	2756	2762	2768	rBV	171924	252817	63.67%	6.814%
95	20.099	2813	2819	2822	rBV2	198695	344926	86.87%	9.297%
96	20.704	2919	2922	2926	rBV2	17756	23519	5.92%	0.634%
97	21.697	3088	3091	3097	rVB3	41492	63162	15.91%	1.702%
98	22.044	3142	3150	3156	rBV2	154788	397058	100.00%	10.702%
99	22.096	3156	3159	3166	rVB	69178	115391	29.06%	3.110%
100	24.452	3553	3560	3567	rBV4	60846	196523	49.49%	5.297%

Sum of corrected areas: 3710084

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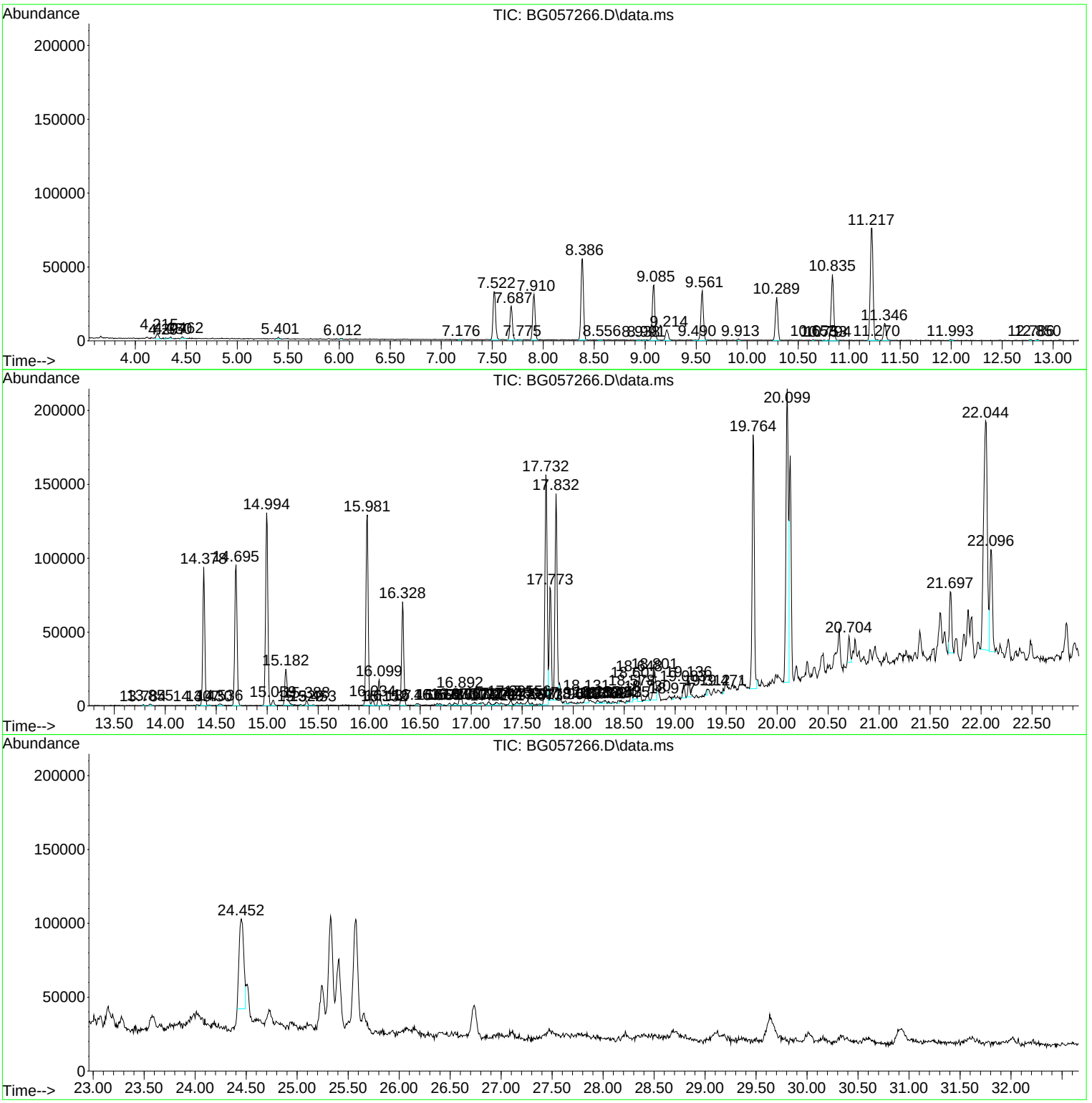
Instrument :
BNA_G
ClientSampleId :
CB9D5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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Quant Title : SVOA CALIBRATION

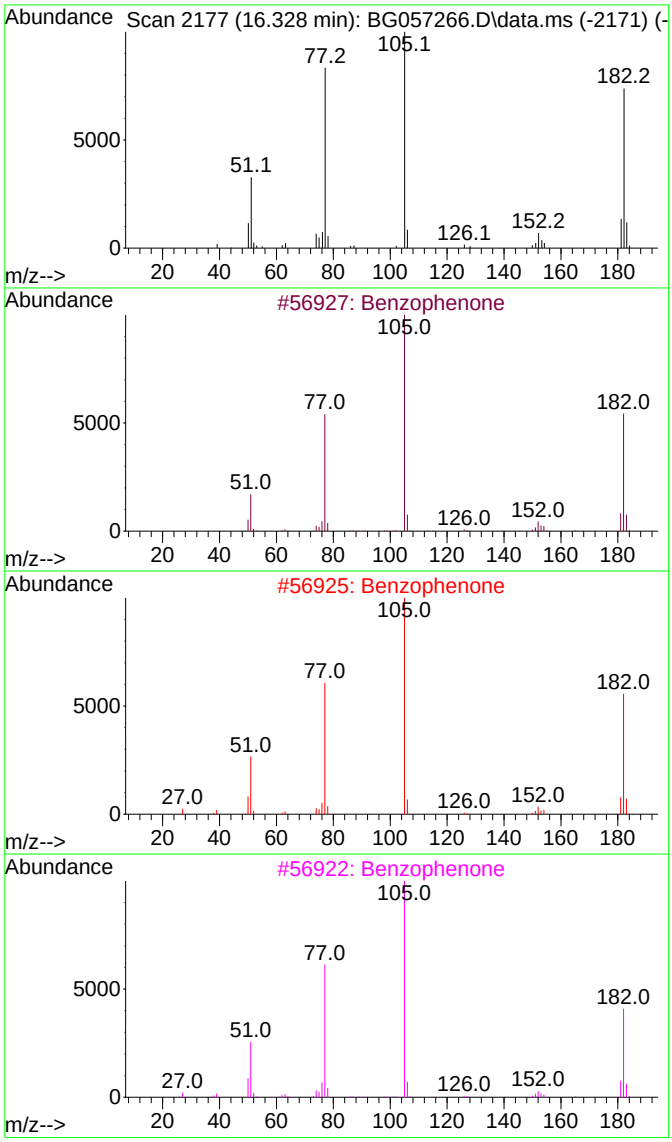
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

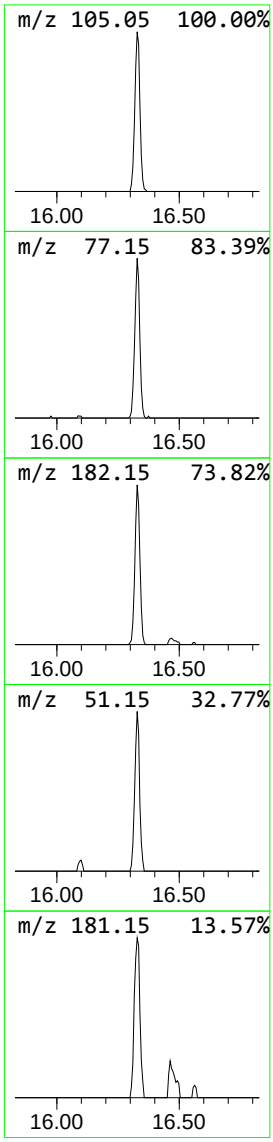
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.328	9.77 ng/ul	98808	Acenaphthene-d10	14.994

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	90





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB9D5

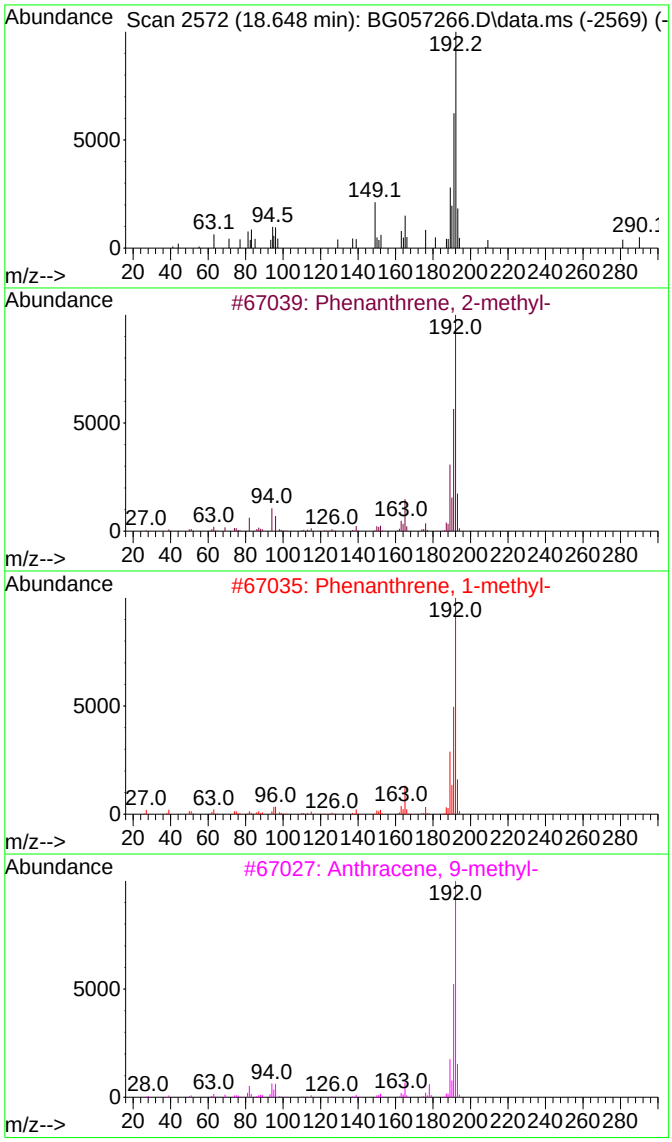
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

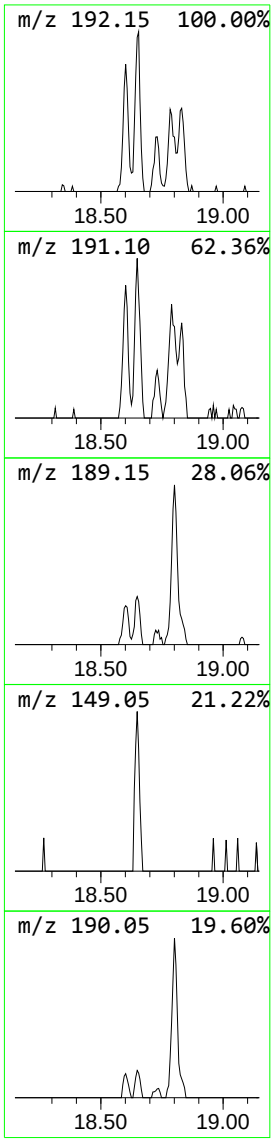
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.648	2.00 ng/ul	24405	Phenanthrene-d10	17.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB9D5

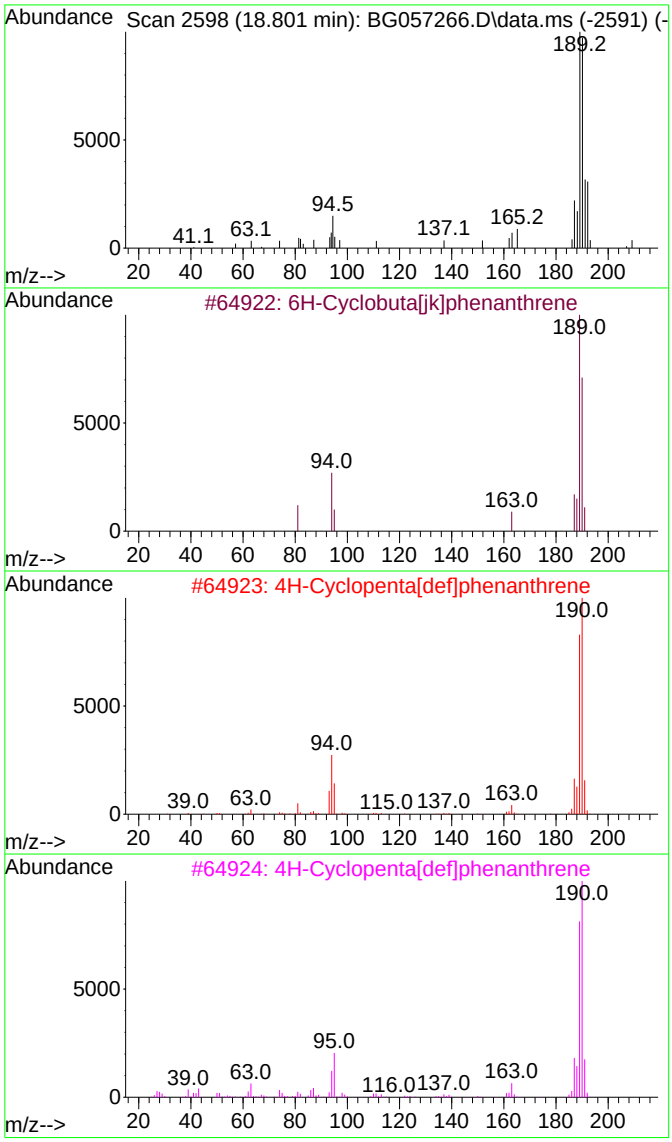
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

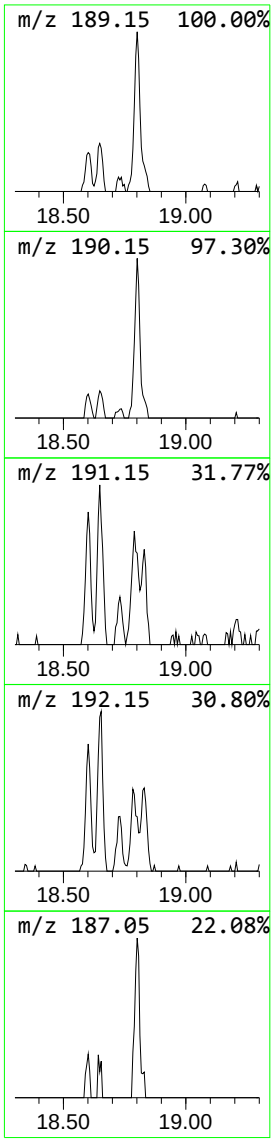
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 6H-Cyclobuta[jk]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.801	2.82 ng/ul	34330	Phenanthrene-d10	17.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB9D5

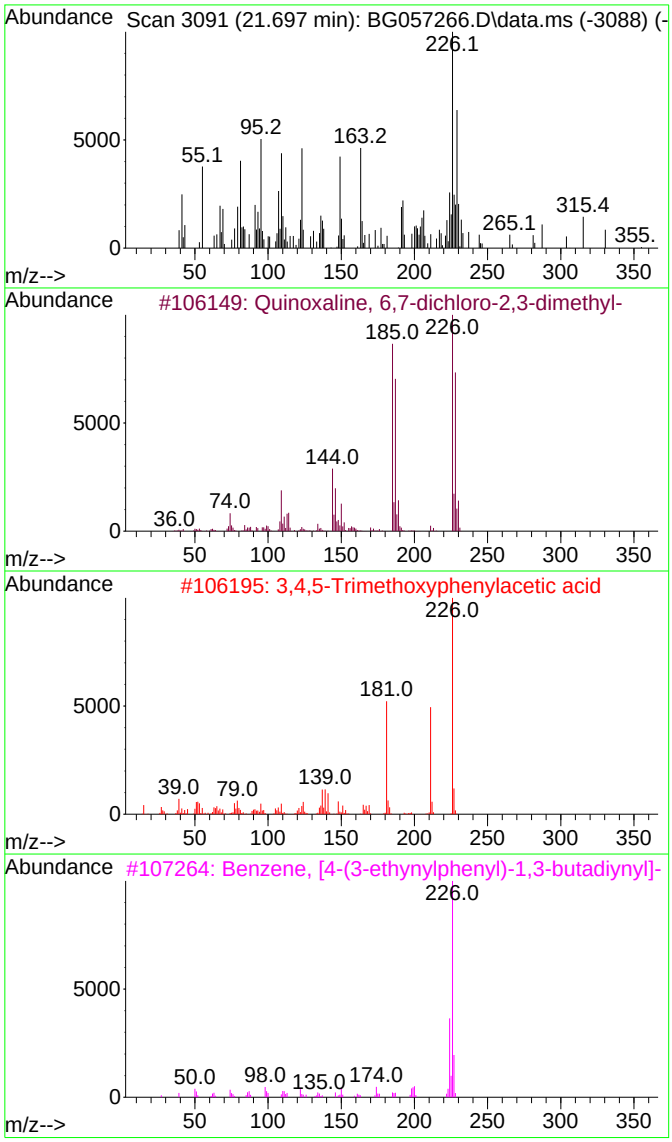
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

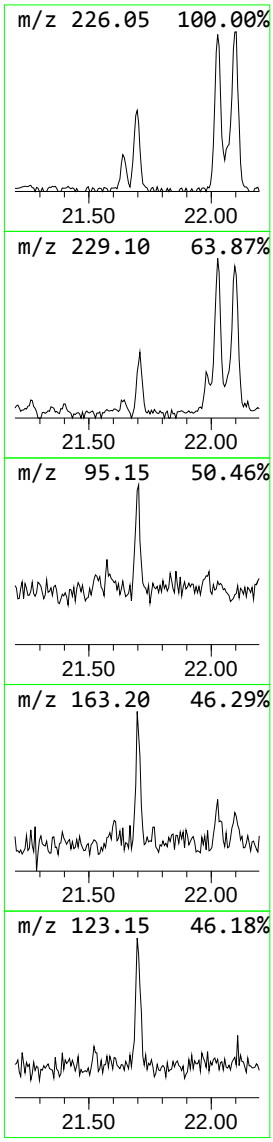
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.697	3.18 ng/ul	63162	Chrysene-d12	22.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoxaline, 6,7-dichloro-2,3-di...	226	C10H8Cl2N2	052736-71-7	16
2	3,4,5-Trimethoxyphenylacetic acid	226	C11H14O5	000951-82-6	16
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	11
4	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	10
5	Benzamide, 4-fluoro-N-(5-methyl-...	287	C14H10FN3OS	1000350-88-6	10





Tentatively Identified Compound (LSC) summary

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB9D5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.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
Benzophenone	16.328	9.8	ng/ul	98808	3	14.994	202327	20.0
Phenanthrene, 2...	18.648	2.0	ng/ul	24405	4	17.732	243518	20.0
6H-Cyclobuta[jk...	18.801	2.8	ng/ul	34330	4	17.732	243518	20.0
unknown-01	21.697	3.2	ng/ul	63162	5	22.049	397058	20.0