LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056817.D
Acq On : 4 Mar 2023 00:01
Operator : CG/JU
Sample : 01711-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBAC4

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-BG022323.M
Title : SVOA CALIBRATION

Signal : TIC: BG056817.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.438	321	323	328	rVB2	4559	5180	1.51%	0.137%
2	6.342	475	477	478	rBV	1106	632	0.18%	0.017%
3	6.395	484	486	488	rBV2	1150	962	0.28%	0.025%
4	7.106	605	607	609	rBV2	985	1022	0.30%	0.027%
5	7.541	675	681	689	rVB	38383	65116	18.99%	1.722%
6	7.717	705	711	719	rBV2	25991	43346	12.64%	1.146%
7	7.941	743	749	756	rBV2	34019	53930	15.73%	1.426%
8	8.064	768	770	773	rBV	786	769	0.22%	0.020%
9	8.416	824	830	836	rVB2	52684	87189	25.43%	2.306%
10	8.534	848	850	854	rBV2	723	824	0.24%	0.022%
11	8.657	869	871	874	rVB2	690	589	0.17%	0.016%
12	9.104	941	947	954	rVB2	45699	75546	22.04%	1.998%
13	9.251	966	972	976	rVB2	2648	4470	1.30%	0.118%
14	9.592	1023	1030	1036	rBV	37121	64697	18.87%	1.711%
15	9.768	1058	1060	1062	rBV2	679	606	0.18%	0.016%
16	10.073	1110	1112	1115	rBV2	507	591	0.17%	0.016%
17	10.097	1115	1116	1121	rVB2	697	820	0.24%	0.022%
18	10.320	1147	1154	1163	rBV2	32178	56329	16.43%	1.490%
19	10.861	1239	1246	1253	rBV	48301	82630	24.10%	2.185%
20	11.013	1268	1272	1274	rVB2	787	926	0.27%	0.024%
21	11.254	1306	1313	1321	rBV	81723	143758	41.93%	3.802%
22	11.378	1326	1334	1342	rVV2	38431	69717	20.34%	1.844%
23	12.018	1440	1443	1446	rBV2	497	645	0.19%	0.017%
24	13.828	1746	1751	1752	rVB2	1105	1180	0.34%	0.031%
25	14.404	1844	1849	1857	rVB	103333	142111	41.45%	3.758%
26	14.721	1896	1903	1909	rVB	106827	168443	49.13%	4.455%
27	14.880	1927	1930	1932	rBV2	482	603	0.18%	0.016%
28	14.938	1938	1940	1945	rBV2	437	635	0.19%	0.017%
29	15.021	1945	1954	1961	rVB2	159252	241434	70.42%	6.385%
30	15.173	1974	1980	1987	rBV	44954	68827	20.08%	1.820%
31	15.332	2004	2007	2011	rBV2	460	751	0.22%	0.020%
32	15.408	2017	2020	2023	rVB3	1689	2190	0.64%	0.058%
33	15.714	2070	2072	2073	rBV	803	589	0.17%	0.016%
34	15.767	2078	2081	2087	rBV2	576	898	0.26%	0.024%
35	16.002	2114	2121	2127	rVB	147776	217747	63.52%	5.759%
36	16.096	2133	2137	2145	rBV2	41163	62745	18.30%	1.659%

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Sample : 01711-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBAC4

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-BG022323.M
Title : SVOA CALIBRATION

37	16.354	2175	2181	2189	rBV	18064	25748	7.51%	0.681%
38	16.460	2196	2199	2203	rVB2	437	582	0.17%	0.015%
39	16.542	2212	2213	2220	rVB2	570	1040	0.30%	0.028%
40	16.719	2238	2243	2245	rBV	486	592	0.17%	0.016%
41	16.795	2253	2256	2259	rBV	395	568	0.17%	0.015%
42	17.006	2286	2292	2294	rBV2	429	704	0.21%	0.019%
43	17.753	2413	2419	2427	rVB	211371	314311	91.68%	8.313%
44	17.852	2429	2436	2442	rBV2	162589	246110	71.79%	6.509%
45	17.917	2444	2447	2449	rVB	1360	1173	0.34%	0.031%
46	17.988	2458	2459	2463	rBV	599	579	0.17%	0.015%
47	18.123	2481	2482	2487	rVB	669	569	0.17%	0.015%
48	18.258	2503	2505	2507	rVB2	835	776	0.23%	0.021%
49	18.305	2510	2513	2515	rVV	763	795	0.23%	0.021%
50	18.593	2554	2562	2569	rBV2	15974	25222	7.36%	0.667%
51	18.734	2585	2586	2590	rVB	837	1022	0.30%	0.027%
52	18.769	2590	2592	2595	rBV	735	900	0.26%	0.024%
53	18.851	2603	2606	2608	rVB2	1066	897	0.26%	0.024%
54	18.904	2612	2615	2616	rBV2	689	668	0.19%	0.018%
55	18.922	2616	2618	2620	rVV2	984	655	0.19%	0.017%
56	19.010	2628	2633	2638	rBV4	2741	4044	1.18%	0.107%
57	19.069	2638	2643	2647	rBV3	1220	2558	0.75%	0.068%
58	19.227	2668	2670	2672	rBV2	703	756	0.22%	0.020%
59	19.251	2672	2674	2677	rVB2	966	824	0.24%	0.022%
60	19.333	2685	2688	2692	rBV4	1947	2295	0.67%	0.061%
61	19.398	2697	2699	2702	rVB3	1708	1290	0.38%	0.034%
62	19.439	2705	2706	2708	rBV	893	638	0.19%	0.017%
63	19.515	2715	2719	2720	rBV2	901	998	0.29%	0.026%
64	19.609	2729	2735	2737	rBV2	2040	2930	0.85%	0.077%
65	19.633	2737	2739	2741	rVV3	989	1009	0.29%	0.027%
66	19.650	2741	2742	2744	rVV	1323	1250	0.36%	0.033%
67	19.674	2744	2746	2747	rVV2	2615	2545	0.74%	0.067%
68	19.715	2750	2753	2756	rVV	1711	2244	0.65%	0.059%
69	19.744	2756	2758	2762	rVB3	2121	3206	0.94%	0.085%
70	19.821	2768	2771	2772	rBV3	1805	1947	0.57%	0.051%
71	19.885	2780	2782	2784	rBV3	1105	688	0.20%	0.018%
72	19.903	2784	2785	2787	rBV2	2785	2778	0.81%	0.073%
73	19.991	2792	2800	2801	rBV7	8884	15878	4.63%	0.420%
74	20.109	2814	2820	2827	rVB	213554	310126	90.46%	8.202%
75	20.279	2846	2849	2850	rBV2	2577	2687	0.78%	0.071%
76	20.385	2865	2867	2871	rBV3	1490	2142	0.62%	0.057%

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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Title : SVOA CALIBRATION

77	20.432	2873	2875	2877	rBV	1690	1682	0.49%	0.044%
78	20.532	2888	2892	2898	rBV	29398	39735	11.59%	1.051%
79	21.060	2977	2982	2987	rVB	36306	48959	14.28%	1.295%
80	21.630	3075	3079	3089	rVB6	15171	29279	8.54%	0.774%
81	22.059	3145	3152	3160	rBV2	197472	342825	100.00%	9.067%
82	22.441	3215	3217	3219	rBV3	2046	1892	0.55%	0.050%
83	22.488	3221	3225	3229	rVV4	8620	12109	3.53%	0.320%
84	22.723	3264	3265	3266	rBV	1796	819	0.24%	0.022%
85	23.029	3314	3317	3318	rBV2	2201	1969	0.57%	0.052%
86	23.375	3374	3376	3377	rBV2	2036	919	0.27%	0.024%
87	23.810	3448	3450	3451	rVB	2584	1175	0.34%	0.031%
88	23.939	3468	3472	3473	rBV4	3282	3795	1.11%	0.100%
89	24.221	3518	3520	3522	rBV3	1964	1189	0.35%	0.031%
90	24.527	3565	3572	3579	rVB4	13223	29212	8.52%	0.773%
91	25.338	3700	3710	3722	rVB2	90389	270379	78.87%	7.151%
92	25.590	3742	3753	3762	rBV2	109629	327470	95.52%	8.661%
93	25.820	3791	3792	3794	rVB2	1917	809	0.24%	0.021%
94	26.278	3869	3870	3872	rBV	1909	1127	0.33%	0.030%
95	26.630	3928	3930	3932	rBV3	2212	2007	0.59%	0.053%
96	26.959	3984	3986	3988	rBV2	2424	2370	0.69%	0.063%
97	27.153	4017	4019	4022	rBV4	2313	2523	0.74%	0.067%
98	28.099	4178	4180	4184	rVB4	1932	1413	0.41%	0.037%
99	28.704	4281	4283	4285	rBV3	2176	1602	0.47%	0.042%
100	29.298	4382	4384	4386	rBV3	2333	1650	0.48%	0.044%

Sum of corrected areas: 3781100

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Instrument :
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ClientSampleId :
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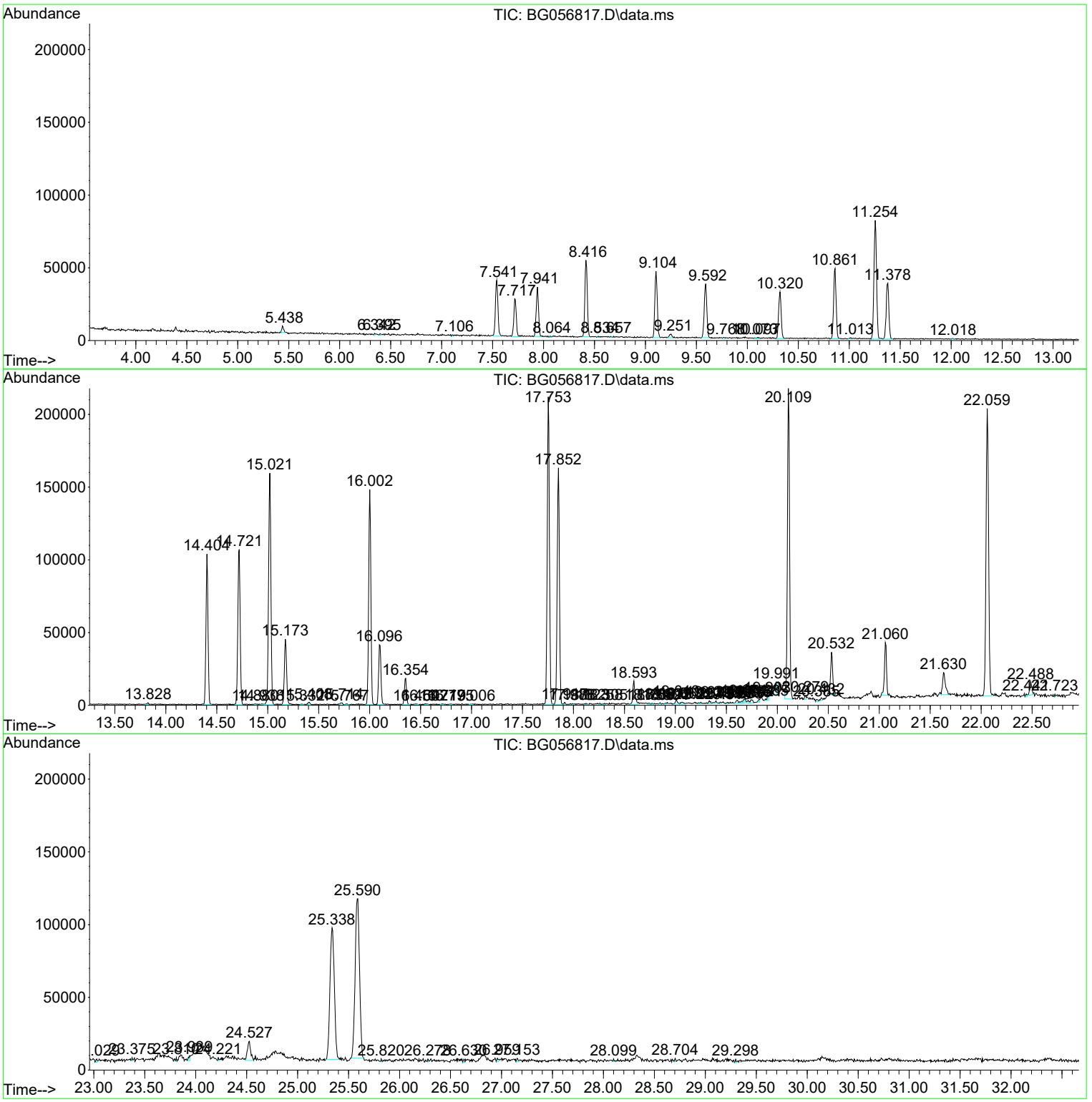
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

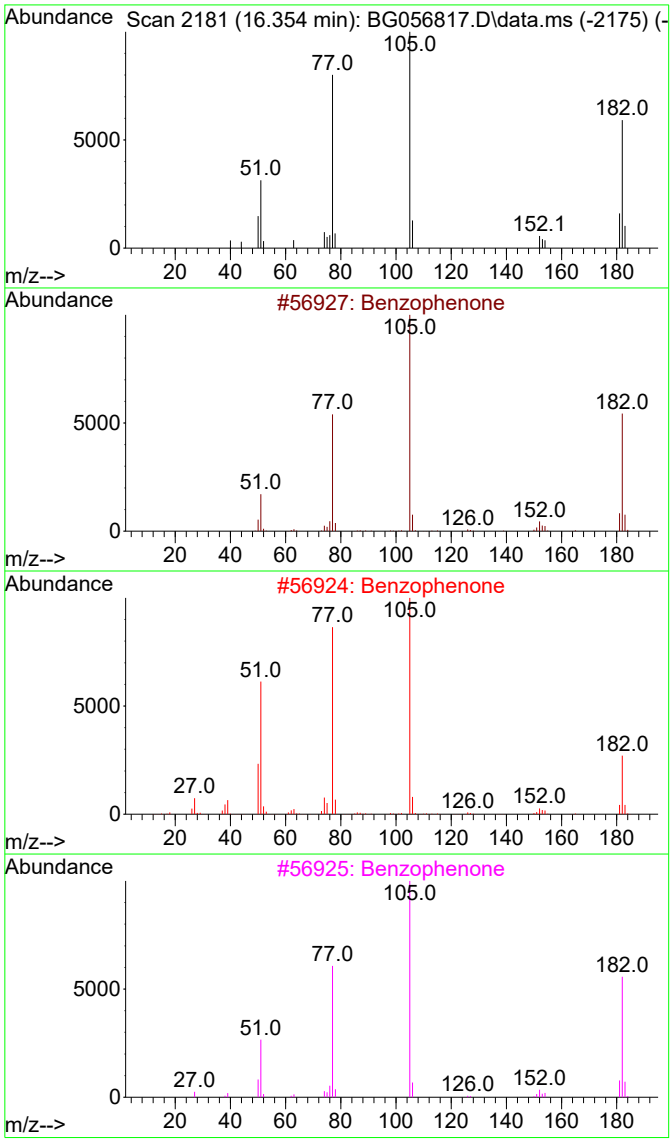
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

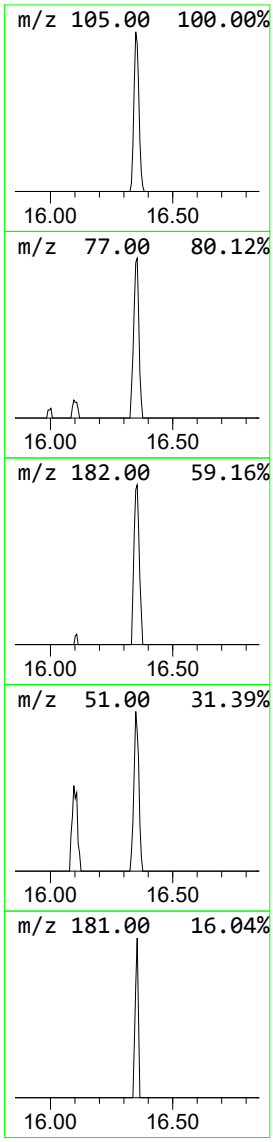
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.354	2.13 ng/ul	25748	Acenaphthene-d10	15.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	87
5	Benzophenone	182	C13H10O	000119-61-9	78





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAC4

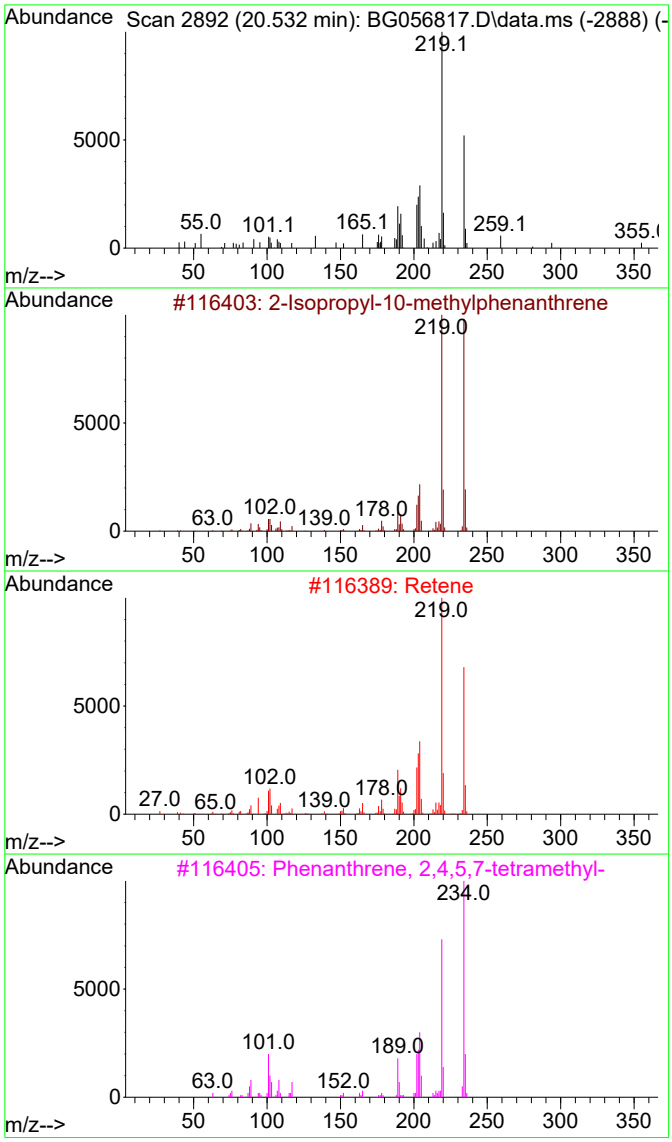
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

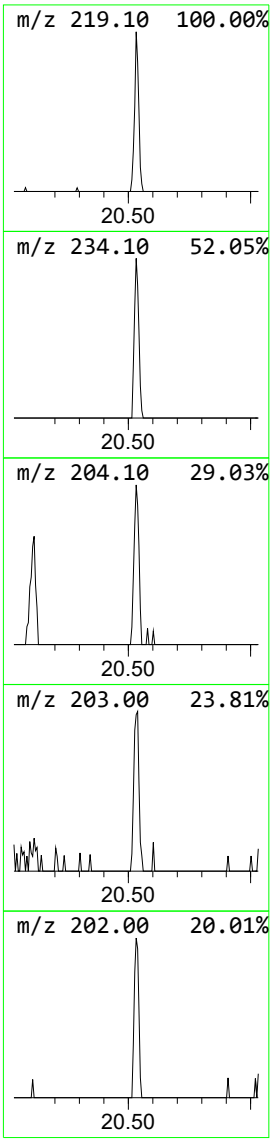
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Isopropyl-10-methylphenan... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.532	2.32 ng/ul	39735	Chrysene-d12	22.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
2	Retene	234	C18H18	000483-65-8	90
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	81
4	Retene	234	C18H18	000483-65-8	72
5	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	72





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Instrument :
BNA_G
ClientSampleId :
DBAC4

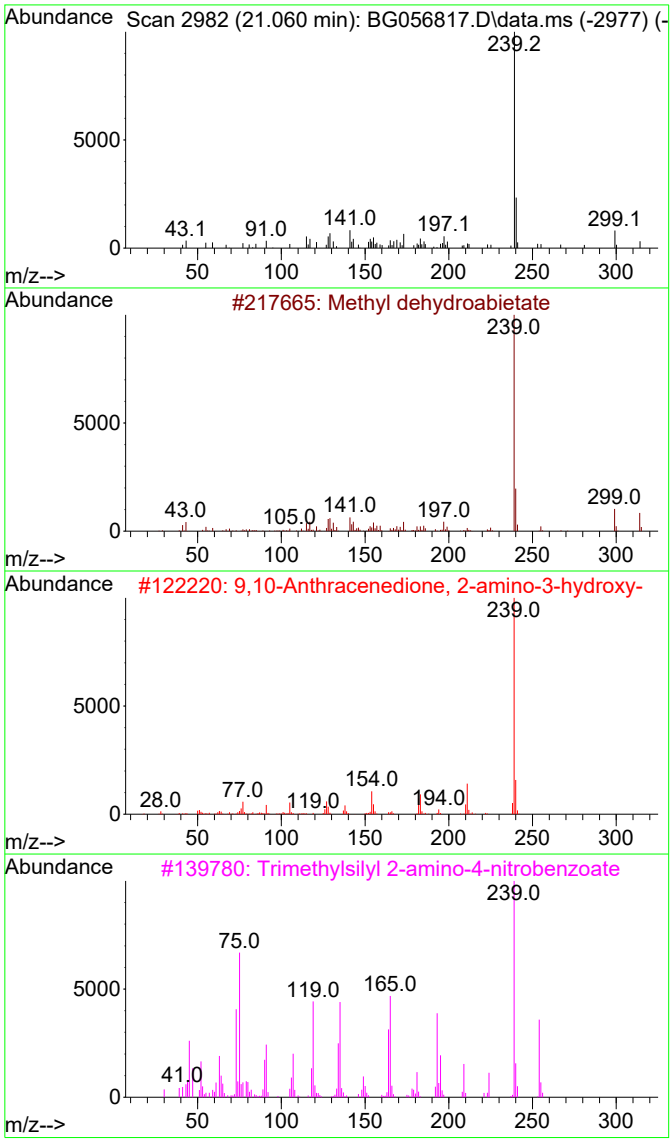
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

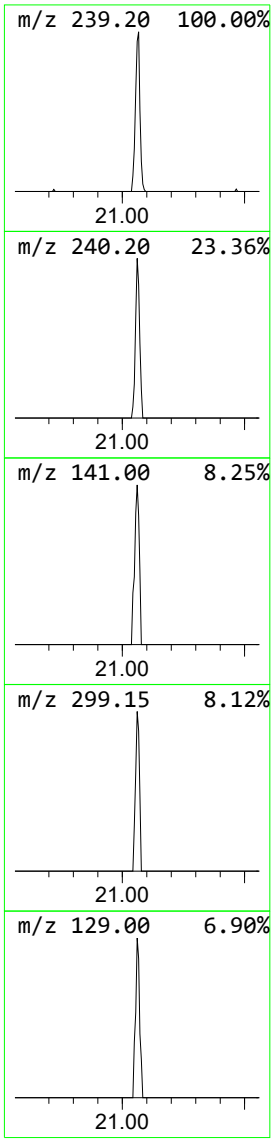
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methyl dehydroabietate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.061	2.86 ng/ul	48959	Chrysene-d12	22.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	96
2	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	64
3	Trimethylsilyl 2-amino-4-nitrobe...	254	C10H14N2O4Si	1000473-63-5	64
4	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	64
5	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	64





Tentatively Identified Compound (LSC) summary

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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	16.354	2.1	ng/ul	25748	3	15.021	241434	20.0
2-Isopropyl-10-...	20.532	2.3	ng/ul	39735	5	22.059	342825	20.0
Methyl dehydroa...	21.061	2.9	ng/ul	48959	5	22.059	342825	20.0