LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058236.D
Acq On : 14 Jul 2023 18:29
Operator : CG/JU
Sample : 03418-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46F4

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-BG070123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058236.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	40	44	52	rVB	18250	28768	1.27%	0.114%
2	3.528	73	75	78	rVB4	2313	2392	0.11%	0.009%
3	3.622	86	91	94	rBV2	4430	6812	0.30%	0.027%
4	3.752	108	113	128	rBV	254964	435416	19.26%	1.722%
5	3.863	130	132	142	rVB5	6088	11245	0.50%	0.044%
6	3.993	149	154	157	rVB5	4521	7792	0.34%	0.031%
7	4.092	167	171	175	rVB2	6960	8376	0.37%	0.033%
8	4.304	205	207	213	rVB6	2275	3322	0.15%	0.013%
9	4.997	321	325	329	rBV2	2601	3459	0.15%	0.014%
10	5.085	337	340	350	rVB4	3311	5744	0.25%	0.023%
11	6.901	644	649	650	rBV3	2935	2917	0.13%	0.012%
12	7.065	667	677	693	rBV	323180	582809	25.79%	2.305%
13	7.230	698	705	716	rVB	244273	406525	17.99%	1.608%
14	7.436	732	740	750	rBV	297834	519409	22.98%	2.055%
15	7.900	813	819	827	rBV	199824	348757	15.43%	1.380%
16	8.611	930	940	956	rBV	399823	718905	31.81%	2.844%
17	9.063	1010	1017	1030	rBV	309612	555869	24.59%	2.199%
18	9.222	1037	1044	1048	rVB4	3650	7385	0.33%	0.029%
19	9.786	1131	1140	1153	rBV	260114	473738	20.96%	1.874%
20	10.027	1174	1181	1182	rBV2	1611	2521	0.11%	0.010%
21	10.326	1225	1232	1242	rBV	404241	742302	32.84%	2.936%
22	10.426	1247	1249	1254	rVV5	2751	4932	0.22%	0.020%
23	10.473	1254	1257	1264	rVB5	2650	4060	0.18%	0.016%
24	10.702	1289	1296	1305	rVB	315583	585756	25.92%	2.317%
25	10.837	1311	1319	1342	rBV	367447	716307	31.69%	2.833%
26	11.496	1427	1431	1432	rBV2	1971	2973	0.13%	0.012%
27	11.719	1465	1469	1473	rVB3	1606	2599	0.11%	0.010%
28	12.289	1561	1566	1573	rVB2	5688	10489	0.46%	0.041%
29	12.512	1601	1604	1609	rVB3	1748	2600	0.12%	0.010%
30	12.812	1652	1655	1656	rBV2	1754	2285	0.10%	0.009%
31	12.888	1664	1668	1673	rBV4	3639	5982	0.26%	0.024%
32	13.070	1693	1699	1704	rVB3	3795	5998	0.27%	0.024%
33	13.135	1705	1710	1717	rVB4	4878	7837	0.35%	0.031%
34	13.358	1740	1748	1749	rBV4	3006	5503	0.24%	0.022%
35	13.429	1755	1760	1769	rBV4	9631	20562	0.91%	0.081%
36	13.511	1773	1774	1782	rVB5	1875	2980	0.13%	0.012%

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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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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Title : SVOA CALIBRATION

37	13.946	1840	1848	1856	rBV	728164	1092036	48.32%	4.320%
38	14.010	1856	1859	1864	rVV3	6586	10065	0.45%	0.040%
39	14.063	1864	1868	1873	rVV5	4787	6631	0.29%	0.026%
40	14.122	1873	1878	1882	rVV	8064	11795	0.52%	0.047%
41	14.181	1882	1888	1890	rVV5	4858	8544	0.38%	0.034%
42	14.234	1890	1897	1912	rVV2	860386	1411216	62.44%	5.582%
43	14.363	1915	1919	1925	rVB6	3661	5521	0.24%	0.022%
44	14.427	1925	1930	1934	rBV3	2862	4802	0.21%	0.019%
45	14.539	1943	1949	1956	rBV	555468	868717	38.44%	3.436%
46	14.657	1961	1969	1975	rBV	78260	119200	5.27%	0.472%
47	14.745	1977	1984	1996	rBV	279955	543002	24.02%	2.148%
48	14.892	2008	2009	2015	rVV6	3341	3144	0.14%	0.012%
49	14.950	2015	2019	2025	rVB5	12842	20581	0.91%	0.081%
50	15.056	2032	2037	2039	rBV6	2076	3127	0.14%	0.012%
51	15.326	2076	2083	2085	rBV5	5808	9768	0.43%	0.039%
52	15.356	2085	2088	2090	rVB	3945	4699	0.21%	0.019%
53	15.432	2097	2101	2104	rVB4	2221	3051	0.13%	0.012%
54	15.473	2104	2108	2111	rBV2	6229	8350	0.37%	0.033%
55	15.532	2111	2118	2132	rVV	1130672	1760469	77.89%	6.964%
56	15.649	2132	2138	2150	rVV	304108	458826	20.30%	1.815%
57	15.790	2156	2162	2168	rVB	191461	279783	12.38%	1.107%
58	15.849	2168	2172	2174	rVV	10110	14393	0.64%	0.057%
59	15.890	2174	2179	2193	rVB	326198	491093	21.73%	1.943%
60	16.026	2200	2202	2205	rBV2	2526	2826	0.13%	0.011%
61	16.073	2206	2210	2213	rBV4	3034	4741	0.21%	0.019%
62	16.202	2228	2232	2235	rBV4	4600	8028	0.36%	0.032%
63	16.261	2239	2242	2249	rVB4	9596	15172	0.67%	0.060%
64	16.396	2262	2265	2270	rBV	21648	30299	1.34%	0.120%
65	16.454	2270	2275	2280	rVV	97435	139687	6.18%	0.553%
66	16.513	2280	2285	2292	rVB	72528	107357	4.75%	0.425%
67	16.595	2293	2299	2303	rVV	28074	46102	2.04%	0.182%
68	16.672	2310	2312	2317	rVB5	7409	10030	0.44%	0.040%
69	16.731	2320	2322	2323	rBV2	3513	3096	0.14%	0.012%
70	16.748	2323	2325	2331	rVB7	4987	8032	0.36%	0.032%
71	16.813	2331	2336	2342	rBV2	36572	52866	2.34%	0.209%
72	16.960	2359	2361	2363	rBV3	3865	4063	0.18%	0.016%
73	17.118	2384	2388	2392	rVB	36764	45688	2.02%	0.181%
74	17.159	2392	2395	2398	rBV5	10300	16385	0.72%	0.065%
75	17.195	2398	2401	2406	rVB3	27402	35975	1.59%	0.142%
76	17.283	2410	2416	2426	rBV	721930	1148347	50.81%	4.542%

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Instrument :
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ClientSampleId :
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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-BG070123.MA.M
Title : SVOA CALIBRATION

77	17.383	2426	2433	2441	rVV2	1124948	1762688	77.99%	6.972%
78	17.459	2442	2446	2455	rVB4	51256	82479	3.65%	0.326%
79	17.559	2460	2463	2472	rVB3	7558	15101	0.67%	0.060%
80	17.729	2489	2492	2496	rBV5	15165	20240	0.90%	0.080%
81	17.865	2511	2515	2521	rBV2	17459	31357	1.39%	0.124%
82	17.941	2525	2528	2532	rVV5	12197	12439	0.55%	0.049%
83	17.994	2534	2537	2543	rVB6	16370	21343	0.94%	0.084%
84	18.170	2562	2567	2576	rBV	257153	390999	17.30%	1.547%
85	18.352	2595	2598	2604	rVB8	12305	17676	0.78%	0.070%
86	18.452	2613	2615	2620	rVB5	15215	18127	0.80%	0.072%
87	19.234	2746	2748	2755	rVB7	15508	22162	0.98%	0.088%
88	19.310	2758	2761	2763	rBV	16246	21974	0.97%	0.087%
89	19.439	2780	2783	2787	rBV2	36163	56907	2.52%	0.225%
90	19.674	2817	2823	2835	rBV	1457942	2251877	99.63%	8.907%
91	21.178	3075	3079	3091	rBV	166530	374776	16.58%	1.482%
92	21.419	3117	3120	3124	rVB3	27309	35782	1.58%	0.142%
93	21.537	3134	3140	3159	rVB	700963	1307673	57.86%	5.173%
94	24.469	3628	3639	3649	rBV2	797099	2260160	100.00%	8.940%
95	24.680	3665	3675	3686	rVB	483589	1385944	61.32%	5.482%
96	25.767	3855	3860	3867	rVB3	49584	118256	5.23%	0.468%

Sum of corrected areas: 25280793

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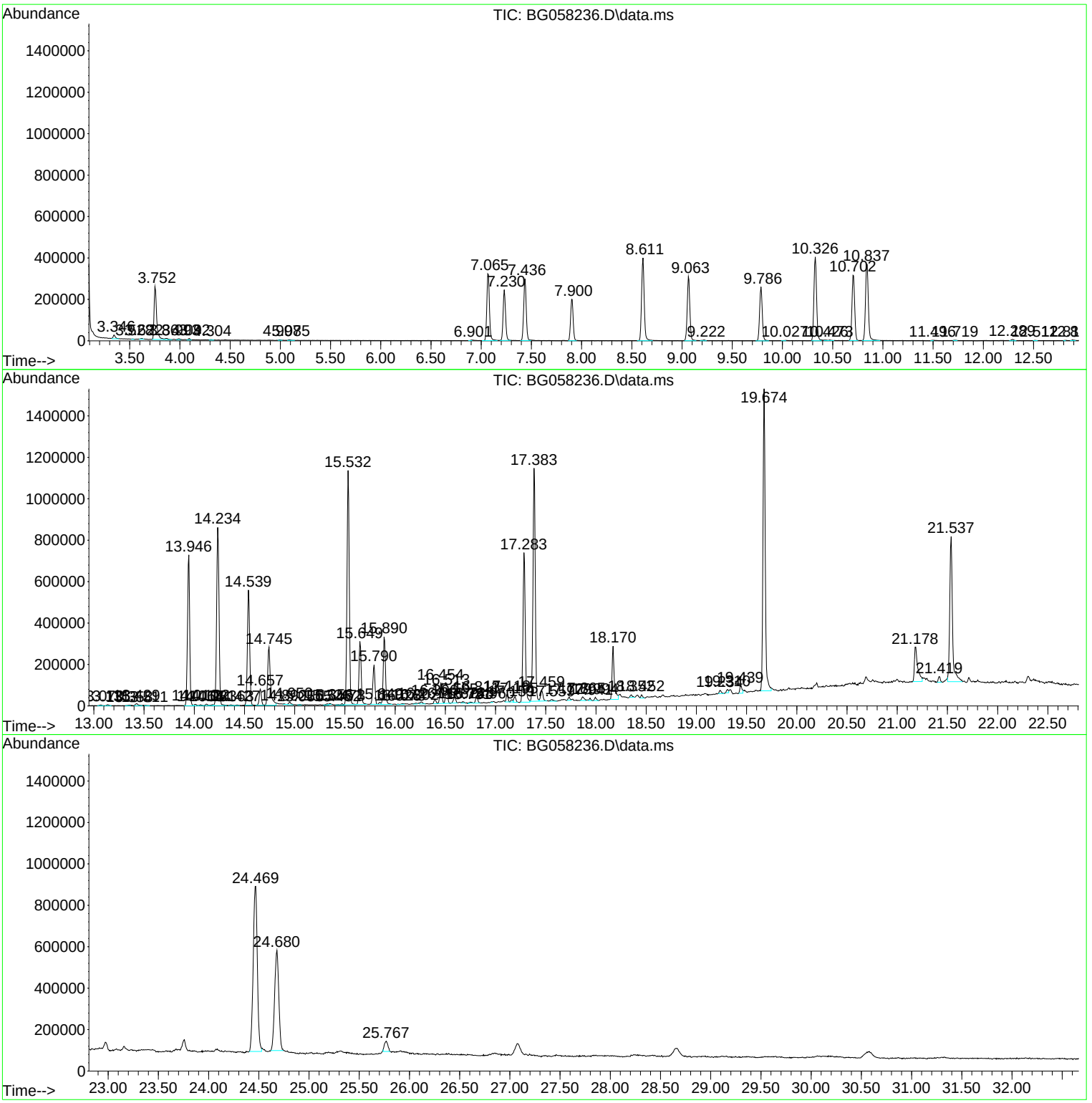
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46F4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

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



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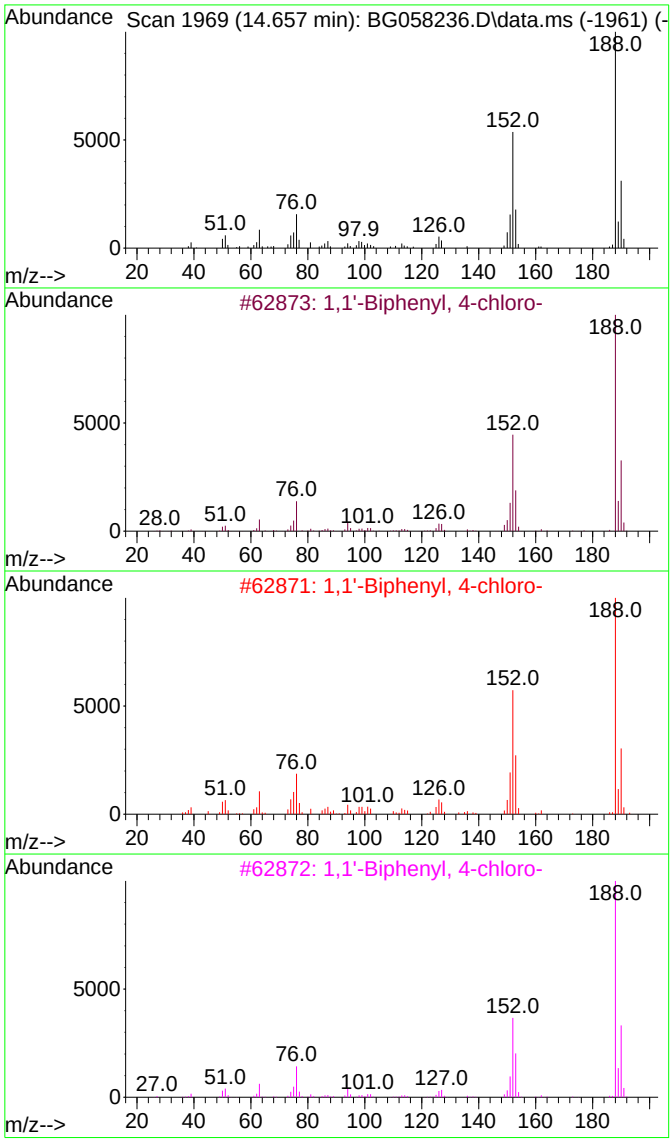
Quant Title : SVOA CALIBRATION

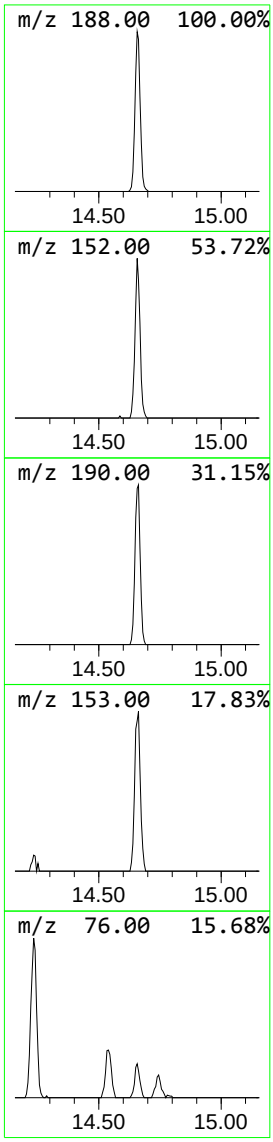
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,1'-Biphenyl, 4-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.656	2.74 ng/ul	119200	Acenaphthene-d10	14.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
2	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
3	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	91
4	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	91
5	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	91





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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46F4

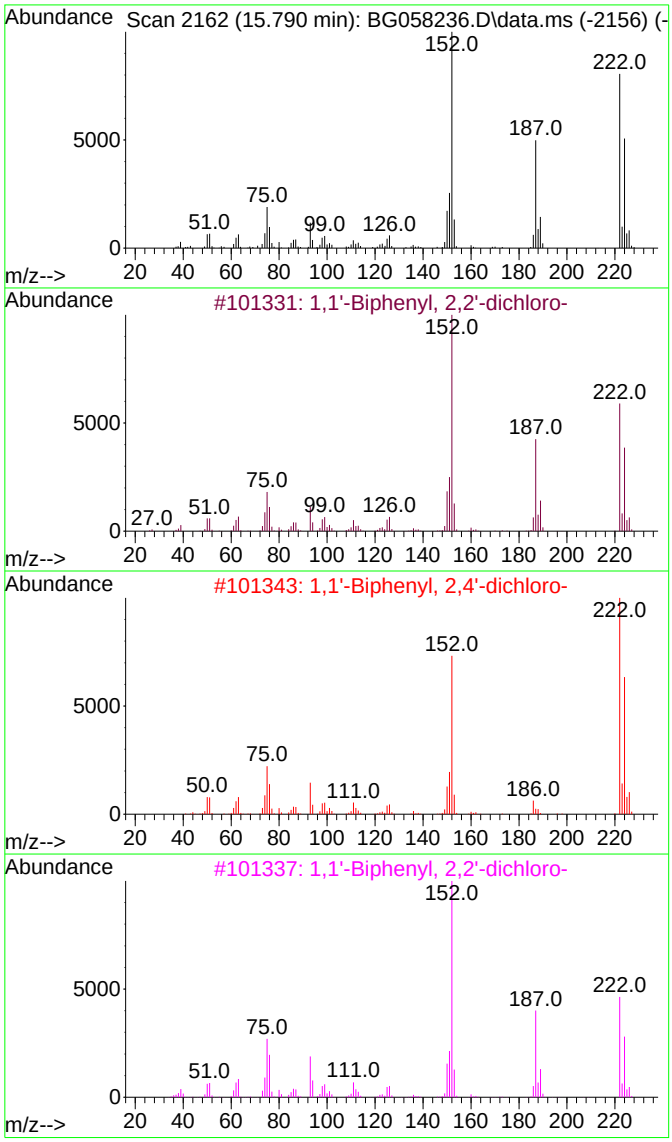
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

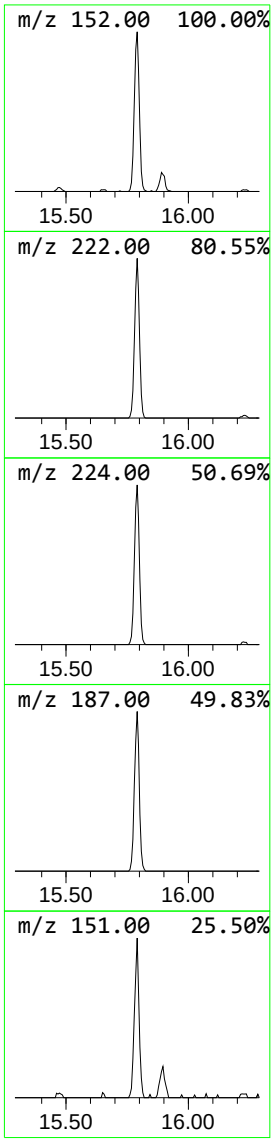
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.791	6.44 ng/ul	279783	Acenaphthene-d10	14.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97
4	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	96
5	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	96





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ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

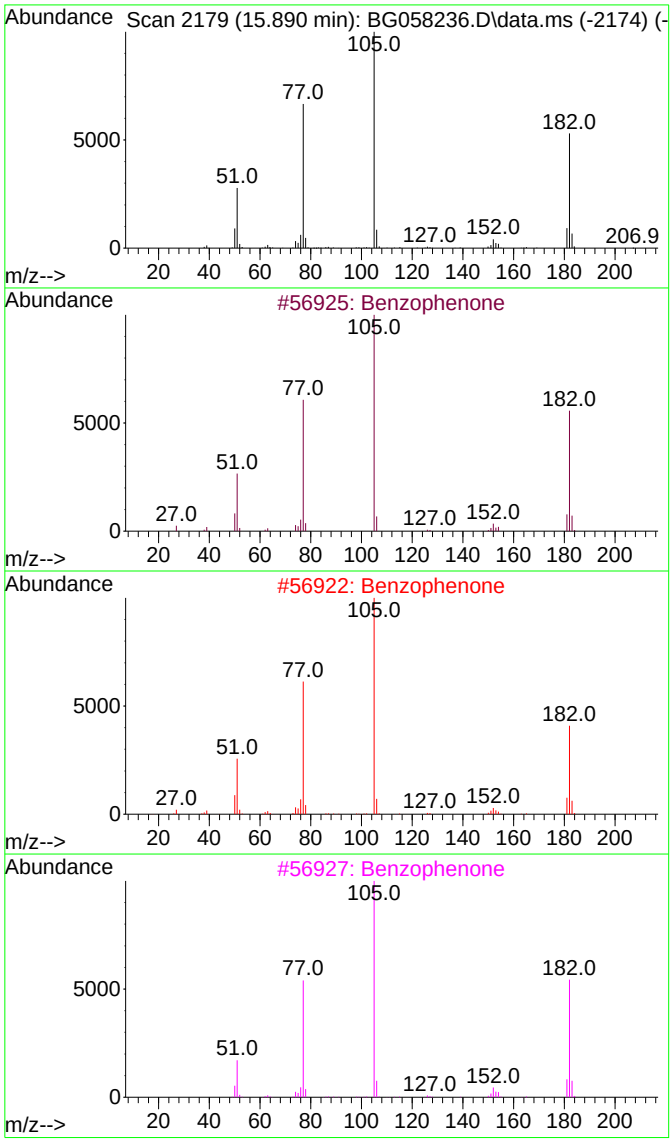
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

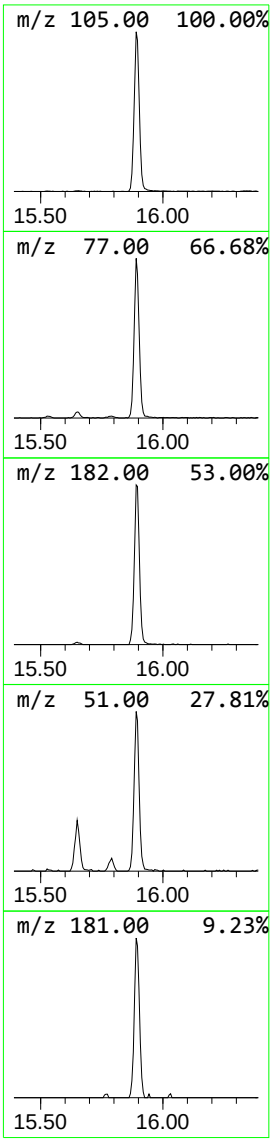
****

Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.890	11.31 ng/ul	491093	Acenaphthene-d10	14.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52





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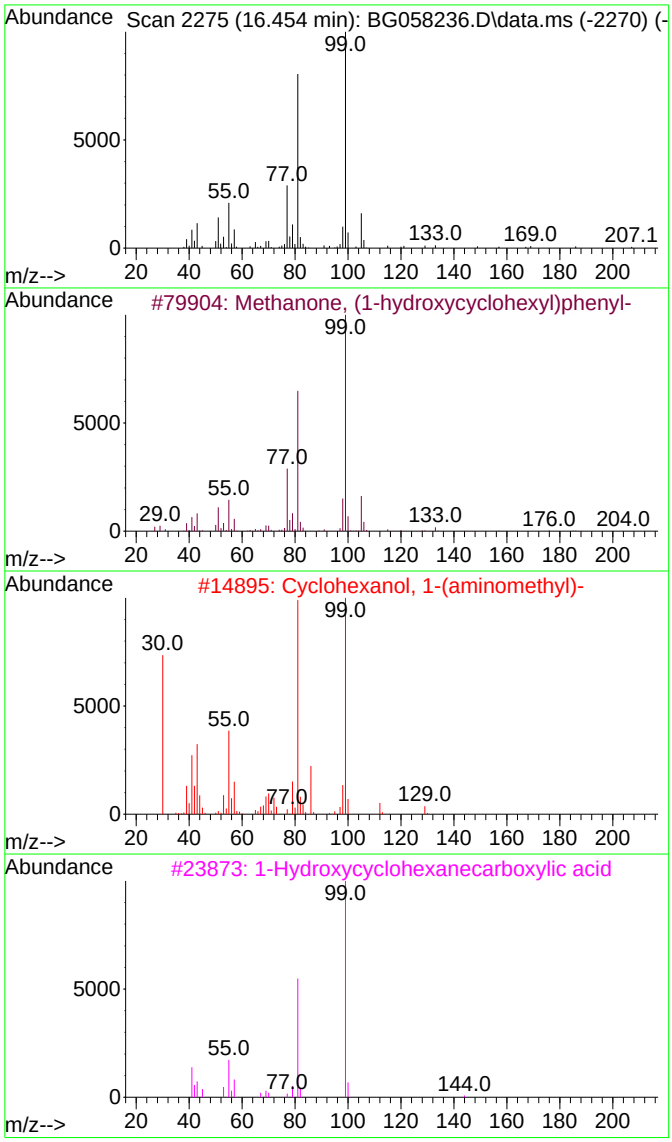
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

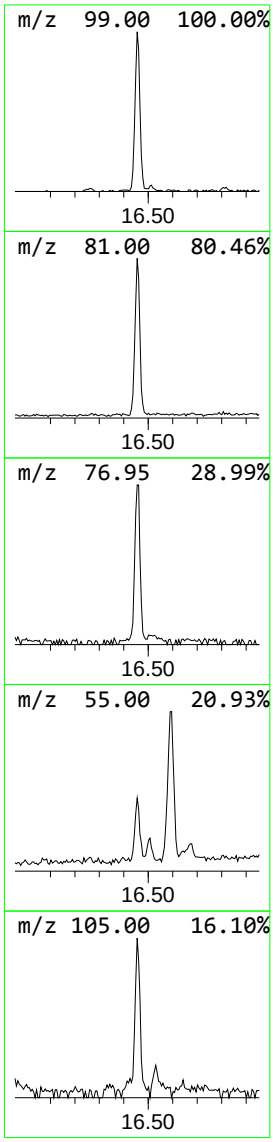
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Methanone, (1-hydroxycycloh... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.454	2.43 ng/ul	139687	Phenanthrene-d10	17.283

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	90
2	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	47
3	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	45
4	3-Methylcyclohexyl methylphospho...	194	C8H16FO2P	113548-86-0	45
5	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	43





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Operator : CG/JU
Sample : 03418-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46F4

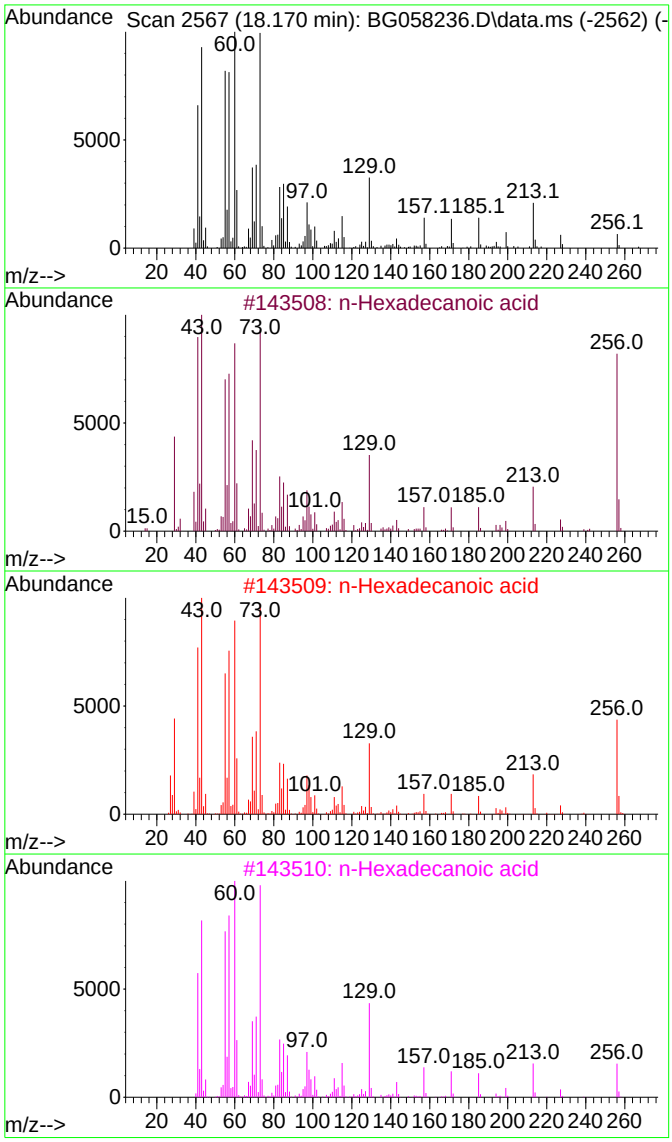
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

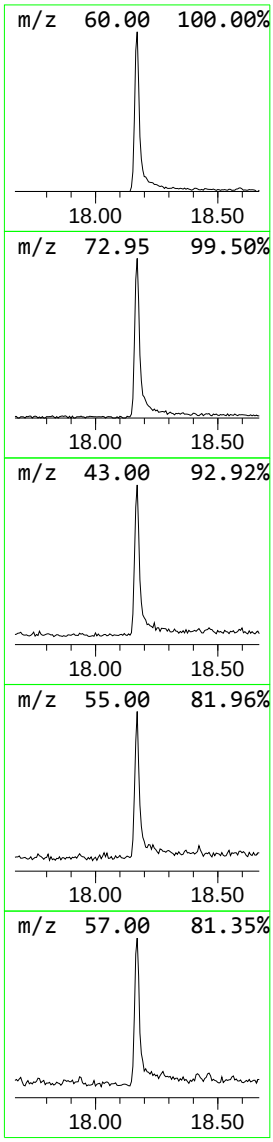
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.170	6.81 ng/ul	390999	Phenanthrene-d10	17.283

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46F4

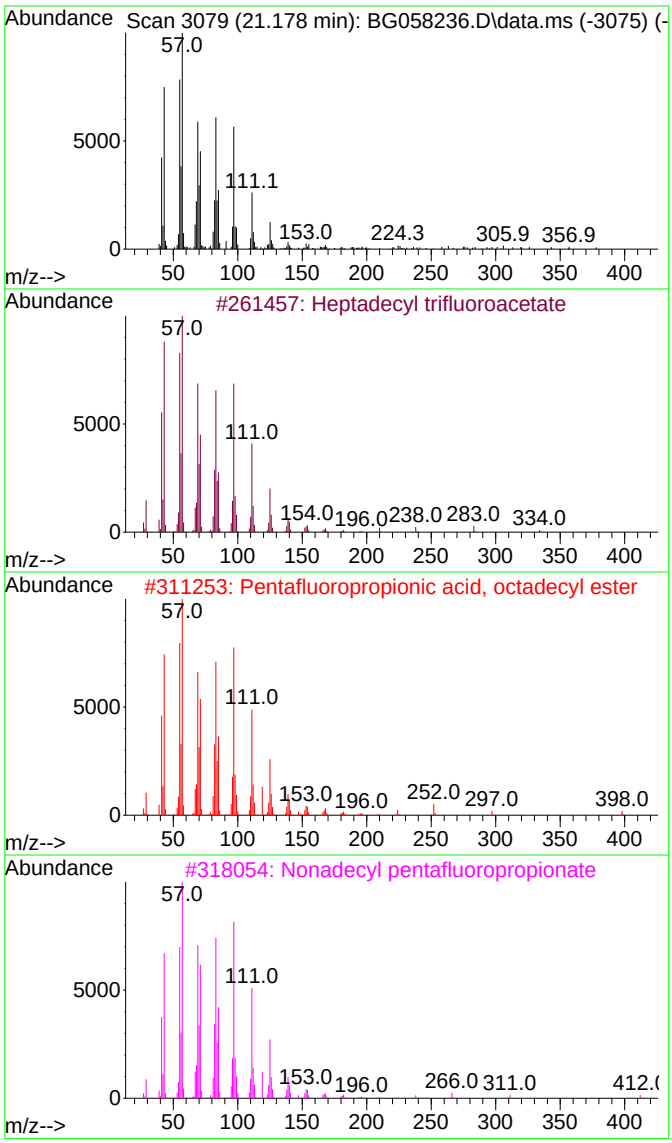
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

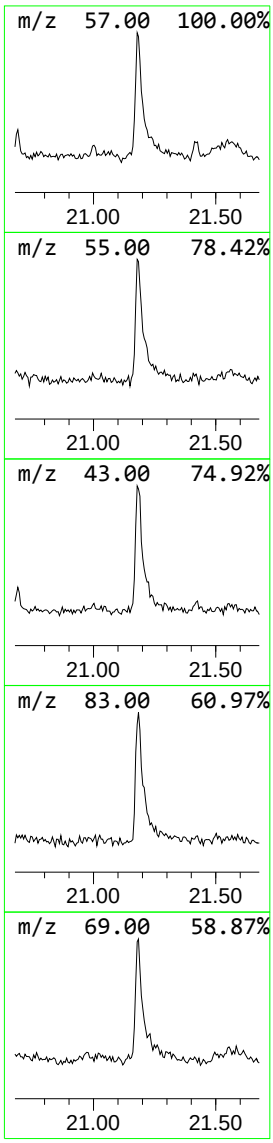
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.178	5.73 ng/ul	374776	Chrysene-d12	21.537

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058236.D
Acq On : 14 Jul 2023 18:29
Operator : CG/JU
Sample : 03418-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46F4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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
1,1'-Biphenyl, ...	14.656	2.7	ng/ul	119200	3	14.539	868717	20.0
1,1'-Biphenyl, ...	15.791	6.4	ng/ul	279783	3	14.539	868717	20.0
Benzophenone	15.890	11.3	ng/ul	491093	3	14.539	868717	20.0
Methanone, (1-h...	16.454	2.4	ng/ul	139687	4	17.283	1148350	20.0
n-Hexadecanoic ...	18.170	6.8	ng/ul	390999	4	17.283	1148350	20.0
Heptadecyl trif...	21.178	5.7	ng/ul	374776	5	21.537	1307670	20.0