LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
Data File : BG057359.D
Acq On : 9 May 2023 19:28
Operator : CG/JU
Sample : 02609-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREK1

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: BG057359.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.643	14	18	22	rBV4	2317	3356	1.06%	0.097%
2	4.007	78	80	84	rVB2	682	805	0.25%	0.023%
3	4.101	94	96	105	rBV2	5322	10300	3.24%	0.297%
4	4.242	118	120	124	rVB3	1605	1386	0.44%	0.040%
5	4.589	175	179	183	rBV2	619	969	0.30%	0.028%
6	5.070	258	261	264	rVB	589	764	0.24%	0.022%
7	5.394	312	316	317	rBV2	867	826	0.26%	0.024%
8	7.508	670	676	683	rBB2	5221	8814	2.77%	0.254%
9	7.673	698	704	712	rBB	21505	37130	11.69%	1.070%
10	7.896	735	742	748	rBV	19325	32915	10.36%	0.949%
11	8.113	776	779	784	rBB	487	746	0.23%	0.022%
12	8.366	814	822	828	rBV	47299	78282	24.64%	2.256%
13	9.065	936	941	951	rBB2	16218	29113	9.16%	0.839%
14	9.541	1016	1022	1029	rVV	29686	50444	15.88%	1.454%
15	9.676	1039	1045	1057	rBV	28845	66438	20.91%	1.915%
16	9.799	1064	1066	1072	rVB2	1341	2531	0.80%	0.073%
17	9.899	1079	1083	1088	rVB2	1622	2202	0.69%	0.063%
18	10.052	1104	1109	1113	rBV3	1923	4267	1.34%	0.123%
19	10.269	1141	1146	1155	rVB3	21139	37509	11.80%	1.081%
20	10.534	1189	1191	1200	rBV2	1035	1618	0.51%	0.047%
21	10.822	1234	1240	1253	rBV	32974	60244	18.96%	1.736%
22	11.203	1298	1305	1314	rBV2	70899	122397	38.52%	3.528%
23	11.333	1321	1327	1337	rBV2	17624	30720	9.67%	0.885%
24	11.497	1351	1355	1356	rBV	1479	1994	0.63%	0.057%
25	11.550	1362	1364	1371	rVB3	1484	2130	0.67%	0.061%
26	11.644	1375	1380	1386	rBV6	2806	7109	2.24%	0.205%
27	11.703	1389	1390	1394	rVB	1955	1611	0.51%	0.046%
28	11.791	1401	1405	1406	rBV2	776	908	0.29%	0.026%
29	11.803	1406	1407	1408	rBV	1335	762	0.24%	0.022%
30	12.038	1440	1447	1448	rBV5	3848	7372	2.32%	0.212%
31	12.120	1460	1461	1463	rBV2	897	786	0.25%	0.023%
32	12.261	1483	1485	1488	rVB	830	735	0.23%	0.021%
33	12.331	1493	1497	1500	rBV2	890	1105	0.35%	0.032%
34	12.378	1500	1505	1510	rVB4	1602	2810	0.88%	0.081%
35	12.560	1532	1536	1539	rBV2	729	1066	0.34%	0.031%
36	12.601	1539	1543	1546	rBV3	1421	1697	0.53%	0.049%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
Data File : BG057359.D
Acq On : 9 May 2023 19:28
Operator : CG/JU
Sample : 02609-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JREK1

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	12.643	1546	1550	1551	rBV2	1029	1349	0.42%	0.039%
38	12.772	1566	1572	1574	rBV2	502	840	0.26%	0.024%
39	13.477	1687	1692	1696	rBV3	1925	3147	0.99%	0.091%
40	13.835	1747	1753	1759	rBV2	7335	11310	3.56%	0.326%
41	14.105	1793	1799	1800	rBV2	843	1124	0.35%	0.032%
42	14.158	1806	1808	1811	rVB	759	938	0.30%	0.027%
43	14.364	1837	1843	1849	rVB	92601	132465	41.69%	3.818%
44	14.522	1866	1870	1873	rVB	867	1088	0.34%	0.031%
45	14.681	1890	1897	1906	rVB	94432	148460	46.72%	4.279%
46	14.793	1906	1916	1920	rBV3	5557	11287	3.55%	0.325%
47	14.881	1926	1931	1934	rVV3	1025	1567	0.49%	0.045%
48	14.928	1936	1939	1942	rVV2	3404	4316	1.36%	0.124%
49	14.981	1942	1948	1954	rVV	136172	207103	65.18%	5.969%
50	15.039	1954	1958	1968	rVV2	6468	12096	3.81%	0.349%
51	15.186	1980	1983	1988	rVV5	4809	9070	2.85%	0.261%
52	15.227	1988	1990	1997	rVB2	1652	2158	0.68%	0.062%
53	15.439	2021	2026	2028	rBV	777	1158	0.36%	0.033%
54	15.468	2030	2031	2035	rBV2	775	1157	0.36%	0.033%
55	15.592	2048	2052	2053	rBV2	764	1000	0.31%	0.029%
56	15.609	2053	2055	2058	rVB3	1352	1473	0.46%	0.042%
57	15.686	2060	2068	2074	rBV4	5634	10492	3.30%	0.302%
58	15.762	2079	2081	2084	rVV3	1399	1642	0.52%	0.047%
59	15.962	2108	2115	2122	rVB	129512	200152	62.99%	5.769%
60	16.085	2132	2136	2146	rVB	25439	40941	12.88%	1.180%
61	16.179	2150	2152	2155	rBV	984	1042	0.33%	0.030%
62	16.314	2169	2175	2182	rBV	106099	147792	46.51%	4.260%
63	16.455	2197	2199	2205	rVB	707	885	0.28%	0.026%
64	16.625	2224	2228	2229	rBV	1221	1312	0.41%	0.038%
65	16.649	2230	2232	2236	rVV3	1808	2047	0.64%	0.059%
66	16.878	2267	2271	2276	rVB2	4228	5085	1.60%	0.147%
67	17.178	2318	2322	2330	rBV4	4542	7912	2.49%	0.228%
68	17.360	2349	2353	2354	rBV2	999	1144	0.36%	0.033%
69	17.377	2354	2356	2357	rVV	1008	928	0.29%	0.027%
70	17.407	2358	2361	2362	rVV	3364	3541	1.11%	0.102%
71	17.430	2363	2365	2370	rVB2	5463	6283	1.98%	0.181%
72	17.501	2372	2377	2379	rVV3	8719	12350	3.89%	0.356%
73	17.524	2379	2381	2390	rVB3	5714	11030	3.47%	0.318%
74	17.718	2408	2414	2424	rVB	192847	285675	89.91%	8.234%
75	17.818	2424	2431	2437	rBV2	157992	239413	75.35%	6.901%
76	17.953	2452	2454	2456	rBV2	1299	1298	0.41%	0.037%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
Data File : BG057359.D
Acq On : 9 May 2023 19:28
Operator : CG/JU
Sample : 02609-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREK1

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

77	18.018	2462	2465	2466	rBV2	1064	887	0.28%	0.026%
78	18.247	2501	2504	2506	rBV	718	772	0.24%	0.022%
79	18.270	2506	2508	2511	rBV	749	806	0.25%	0.023%
80	18.311	2511	2515	2516	rBV2	583	774	0.24%	0.022%
81	18.364	2521	2524	2527	rBV2	1242	1467	0.46%	0.042%
82	18.411	2528	2532	2537	rVB2	1704	2383	0.75%	0.069%
83	18.488	2543	2545	2546	rBV	1081	877	0.28%	0.025%
84	18.564	2552	2558	2569	rBV2	20375	41663	13.11%	1.201%
85	18.963	2621	2626	2627	rBV2	994	1423	0.45%	0.041%
86	19.204	2665	2667	2668	rVB2	1585	776	0.24%	0.022%
87	19.357	2690	2693	2694	rBV3	2088	2102	0.66%	0.061%
88	19.533	2721	2723	2725	rBV2	899	761	0.24%	0.022%
89	19.651	2740	2743	2747	rVB5	2541	3564	1.12%	0.103%
90	19.686	2747	2749	2750	rBV	1376	1170	0.37%	0.034%
91	19.739	2755	2758	2762	rVB4	7058	8054	2.53%	0.232%
92	19.786	2764	2766	2768	rVB3	4526	2870	0.90%	0.083%
93	19.821	2770	2772	2773	rBV2	2396	1656	0.52%	0.048%
94	20.003	2801	2803	2804	rBV	1206	893	0.28%	0.026%
95	20.085	2811	2817	2824	rBV	214681	302865	95.32%	8.729%
96	21.595	3070	3074	3076	rBV5	15109	24160	7.60%	0.696%
97	21.695	3089	3091	3098	rVB	13636	20107	6.33%	0.580%
98	22.030	3142	3148	3156	rVB2	186639	317751	100.00%	9.158%
99	25.290	3694	3703	3714	rVB2	93371	276013	86.86%	7.955%
100	25.537	3736	3745	3757	rVB2	105793	307777	96.86%	8.871%

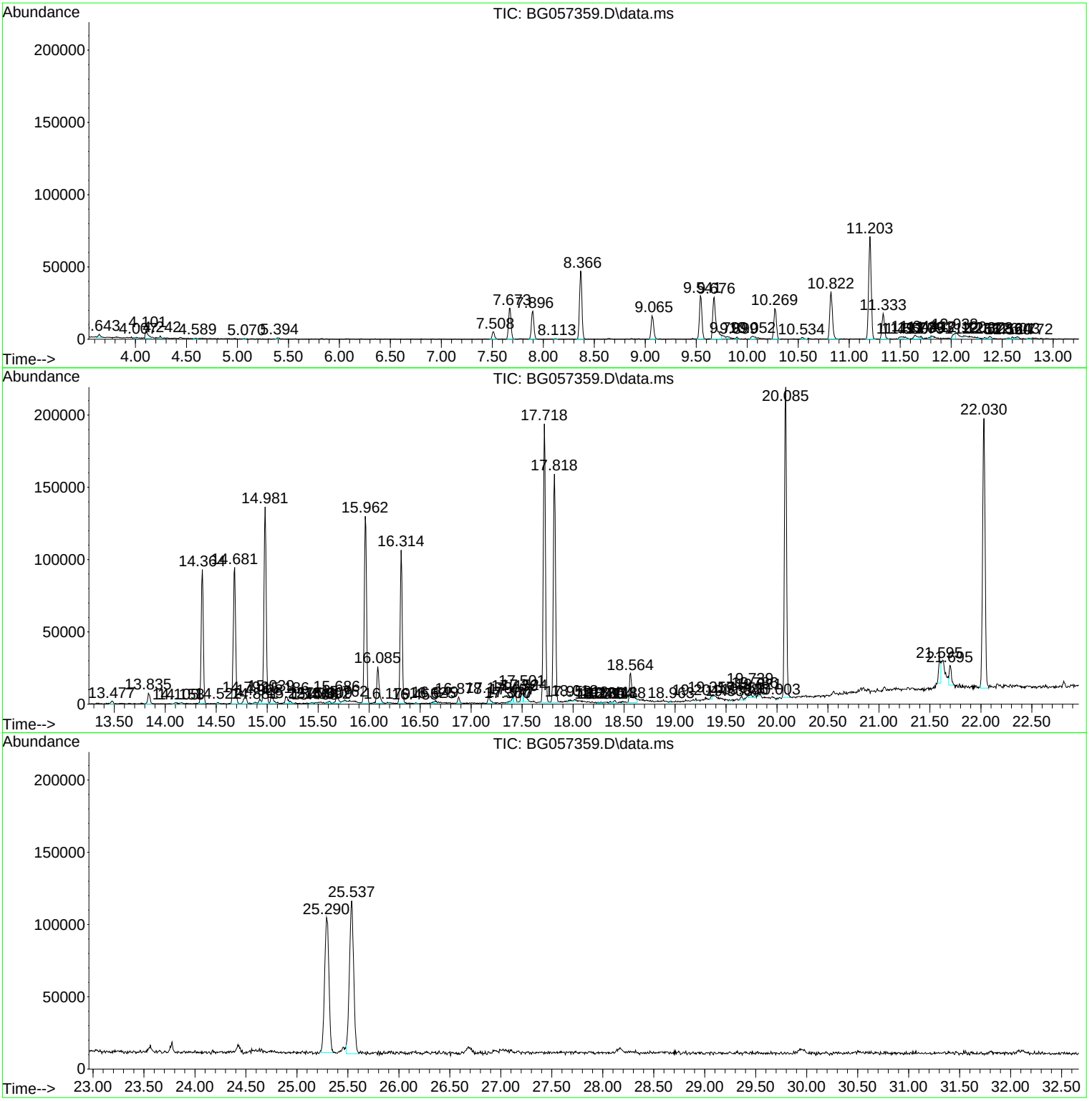
Sum of corrected areas: 3469502

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
Data File : BG057359.D
Acq On : 9 May 2023 19:28
Operator : CG/JU
Sample : 02609-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREK1

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\BG050923\
Data File : BG057359.D
Acq On : 9 May 2023 19:28
Operator : CG/JU
Sample : 02609-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREK1

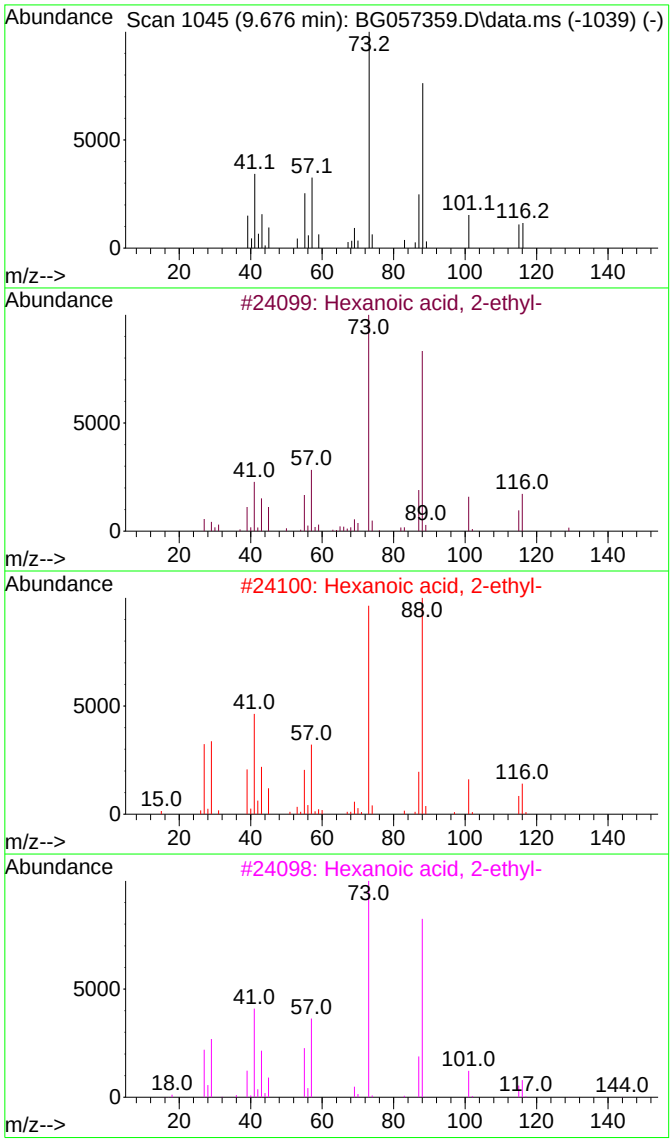
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

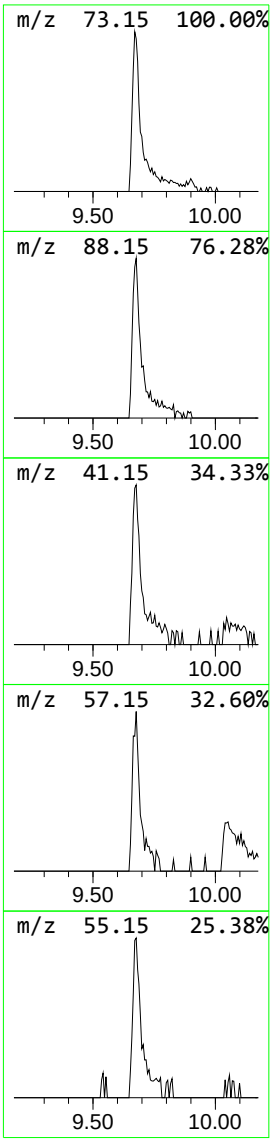
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.676	16.97 ng/ul	66438	1,4-Dichlorobenzene-d4	8.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
Data File : BG057359.D
Acq On : 9 May 2023 19:28
Operator : CG/JU
Sample : 02609-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREK1

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

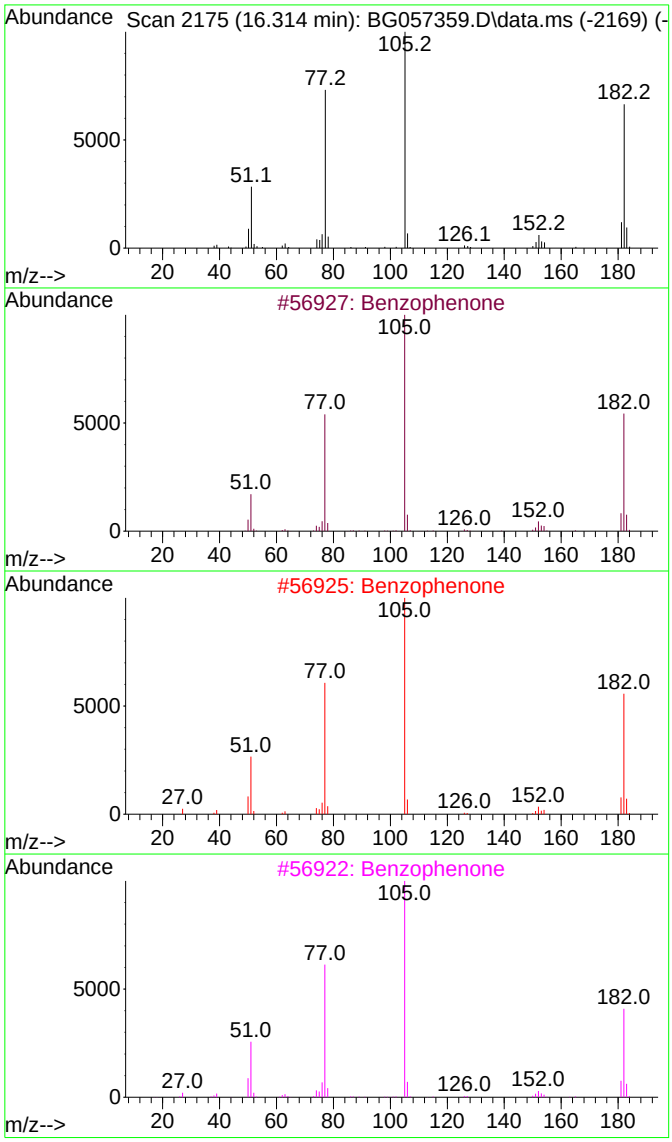
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

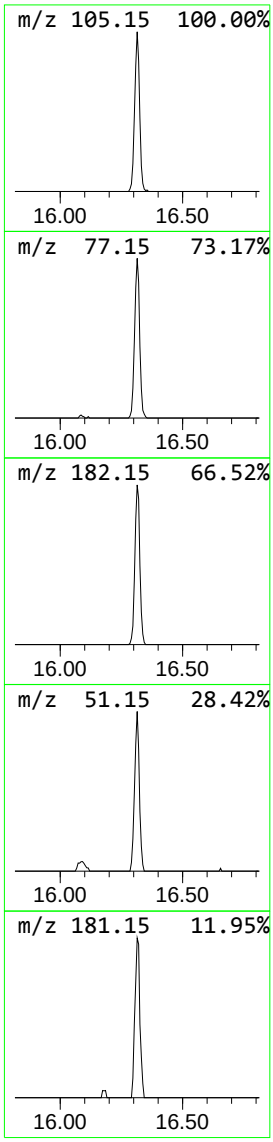
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.314	14.27 ng/ul	147792	Acenaphthene-d10	14.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Azobenzene	182	C12H10N2	000103-33-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
Data File : BG057359.D
Acq On : 9 May 2023 19:28
Operator : CG/JU
Sample : 02609-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREK1

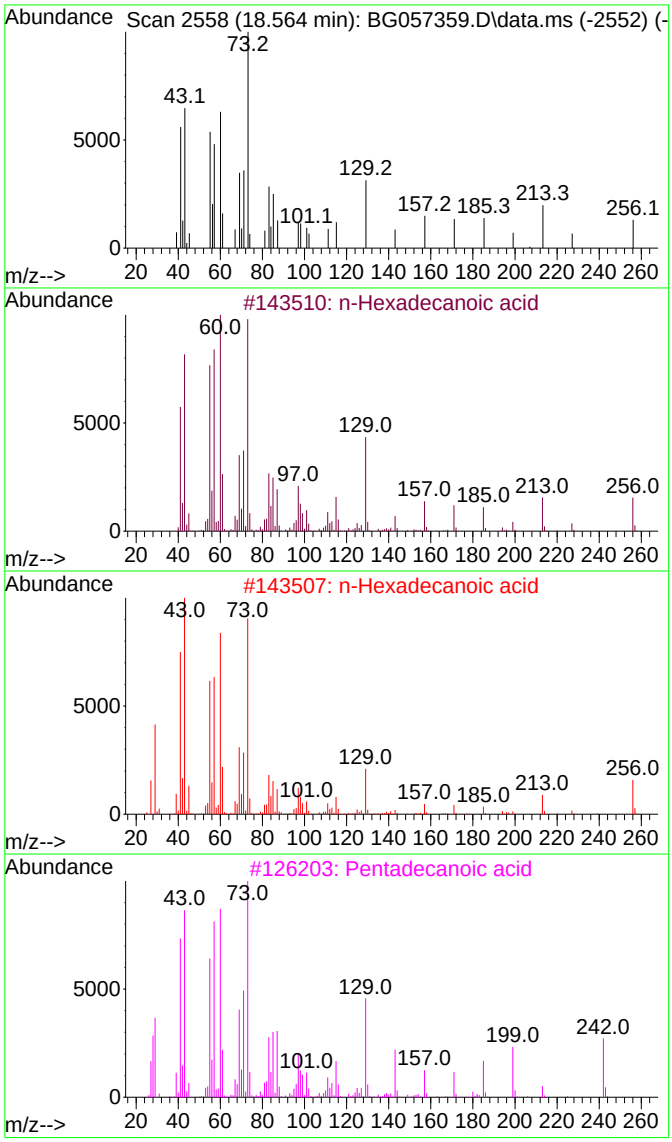
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

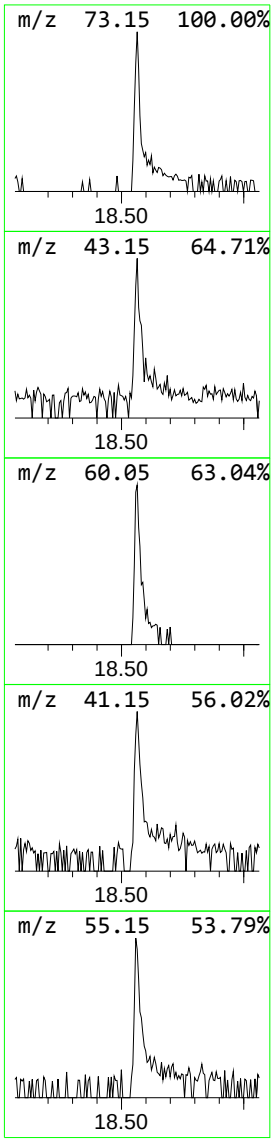
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.564	2.92 ng/ul	41663	Phenanthrene-d10	17.718

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
Data File : BG057359.D
Acq On : 9 May 2023 19:28
Operator : CG/JU
Sample : 02609-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JREK1

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
Hexanoic acid, ...	9.676	17.0	ng/ul	66438	1	8.366	78282	20.0
Benzophenone	16.314	14.3	ng/ul	147792	3	14.981	207103	20.0
n-Hexadecanoic ...	18.564	2.9	ng/ul	41663	4	17.718	285675	20.0