LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061555.D
Acq On : 8 Jun 2024 6:38
Operator : MA/JU
Sample : P2640-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4BH5

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-BG052124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061555.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.070	8	14	27	rVB	253916	445090	60.15%	5.612%
2	3.328	53	58	62	rBV4	4996	7965	1.08%	0.100%
3	3.357	62	63	68	rVB4	1117	1319	0.18%	0.017%
4	3.610	102	106	109	rVV4	2328	3099	0.42%	0.039%
5	3.733	122	127	140	rBV	72687	121450	16.41%	1.531%
6	3.880	149	152	158	rBV2	742	1208	0.16%	0.015%
7	4.063	180	183	186	rBV4	1758	2580	0.35%	0.033%
8	4.356	228	233	235	rBV3	779	1163	0.16%	0.015%
9	5.279	386	390	394	rVB2	1020	1326	0.18%	0.017%
10	5.943	500	503	508	rVB2	1060	1372	0.19%	0.017%
11	7.059	686	693	704	rVB	91792	159806	21.60%	2.015%
12	7.200	709	717	726	rVB	58093	91069	12.31%	1.148%
13	7.412	746	753	761	rVV	88530	146698	19.82%	1.850%
14	7.464	761	762	765	rVV2	1339	1201	0.16%	0.015%
15	7.870	824	831	839	rVB	88880	140374	18.97%	1.770%
16	8.593	948	954	964	rBB	110954	189787	25.65%	2.393%
17	9.027	1019	1028	1038	rBB	87946	155655	21.04%	1.963%
18	9.439	1095	1098	1103	rVB	1061	1494	0.20%	0.019%
19	9.580	1120	1122	1126	rVB2	1922	1427	0.19%	0.018%
20	9.750	1145	1151	1159	rBV	82216	142833	19.30%	1.801%
21	10.302	1239	1245	1254	rBV	117040	209802	28.35%	2.645%
22	10.667	1300	1307	1313	rBV	114082	198615	26.84%	2.504%
23	10.802	1324	1330	1342	rBV	80373	149419	20.19%	1.884%
24	12.247	1572	1576	1580	rBB	1384	2206	0.30%	0.028%
25	13.328	1754	1760	1764	rBB	1831	2766	0.37%	0.035%
26	13.399	1768	1772	1776	rBV2	3393	5354	0.72%	0.068%
27	13.916	1853	1860	1866	rBV	211669	302229	40.84%	3.811%
28	14.204	1902	1909	1916	rVB	227198	354075	47.85%	4.465%
29	14.509	1951	1961	1968	rBV	202452	294871	39.85%	3.718%
30	14.762	1997	2004	2017	rBV2	57776	115814	15.65%	1.460%
31	14.879	2021	2024	2028	rVB3	1797	2153	0.29%	0.027%
32	15.502	2124	2130	2137	rVB	305642	456314	61.67%	5.754%
33	15.561	2137	2140	2145	rBV2	766	1228	0.17%	0.015%
34	15.655	2151	2156	2168	rBV	82602	123269	16.66%	1.554%
35	16.366	2274	2277	2280	rBV	673	1149	0.16%	0.014%
36	16.918	2369	2371	2374	rBV2	1088	1427	0.19%	0.018%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061555.D
Acq On : 8 Jun 2024 6:38
Operator : MA/JU
Sample : P2640-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BH5

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-BG052124.MA.M
Title : SVOA CALIBRATION

37	17.012	2385	2387	2390	rBV2	2007	1520	0.21%	0.019%
38	17.077	2396	2398	2401	rBV	893	1133	0.15%	0.014%
39	17.259	2423	2429	2434	rBV	260361	392099	52.99%	4.944%
40	17.300	2434	2436	2440	rVV	16540	21308	2.88%	0.269%
41	17.359	2440	2446	2459	rVV	366969	524874	70.93%	6.618%
42	17.453	2461	2462	2465	rVV	1170	1175	0.16%	0.015%
43	17.605	2485	2488	2491	rVB2	1037	1488	0.20%	0.019%
44	17.670	2496	2499	2504	rBV	2216	2611	0.35%	0.033%
45	17.887	2532	2536	2539	rBV4	1003	1348	0.18%	0.017%
46	17.929	2539	2543	2544	rBV2	1408	1502	0.20%	0.019%
47	18.158	2575	2582	2591	rVV6	17031	40253	5.44%	0.508%
48	18.269	2599	2601	2605	rVB5	1743	2007	0.27%	0.025%
49	18.334	2605	2612	2617	rBV5	5234	9536	1.29%	0.120%
50	18.369	2617	2618	2622	rVV3	2665	1798	0.24%	0.023%
51	18.428	2624	2628	2633	rVB3	6773	8850	1.20%	0.112%
52	18.463	2633	2634	2639	rBV3	1029	1141	0.15%	0.014%
53	18.581	2651	2654	2656	rBV3	980	1159	0.16%	0.015%
54	18.616	2658	2660	2661	rBV	1933	1759	0.24%	0.022%
55	18.634	2661	2663	2667	rVV2	2313	2842	0.38%	0.036%
56	18.687	2669	2672	2677	rVB5	4929	7514	1.02%	0.095%
57	18.751	2681	2683	2685	rBV2	1800	1366	0.18%	0.017%
58	18.804	2690	2692	2694	rBV3	1081	1144	0.15%	0.014%
59	18.945	2713	2716	2717	rBV2	2114	2194	0.30%	0.028%
60	19.010	2724	2727	2729	rBV2	1380	1451	0.20%	0.018%
61	19.051	2729	2734	2736	rVV3	3990	5050	0.68%	0.064%
62	19.080	2736	2739	2741	rVV3	4236	4953	0.67%	0.062%
63	19.151	2750	2751	2755	rVV4	1838	1872	0.25%	0.024%
64	19.209	2756	2761	2767	rVB7	7179	14982	2.02%	0.189%
65	19.286	2770	2774	2776	rBV2	5804	8153	1.10%	0.103%
66	19.321	2776	2780	2786	rVB	55997	75126	10.15%	0.947%
67	19.397	2792	2793	2795	rBV2	2878	1845	0.25%	0.023%
68	19.415	2795	2796	2798	rVV2	1967	1308	0.18%	0.016%
69	19.444	2798	2801	2803	rVV4	1986	2628	0.36%	0.033%
70	19.503	2809	2811	2814	rBV4	5053	6106	0.83%	0.077%
71	19.550	2818	2819	2820	rBV2	3187	1940	0.26%	0.024%
72	19.580	2823	2824	2826	rVB2	2420	1165	0.16%	0.015%
73	19.656	2831	2837	2848	rVV	479314	739965	100.00%	9.330%
74	19.797	2859	2861	2863	rBV3	3088	2660	0.36%	0.034%
75	19.832	2865	2867	2869	rBV3	1783	1639	0.22%	0.021%
76	19.856	2869	2871	2873	rBV3	3055	3033	0.41%	0.038%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061555.D
Acq On : 8 Jun 2024 6:38
Operator : MA/JU
Sample : P2640-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BH5

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-BG052124.MA.M
Title : SVOA CALIBRATION

77	20.003	2894	2896	2899	rBV4	4726	6626	0.90%	0.084%
78	20.185	2922	2927	2931	rVB5	13046	24601	3.32%	0.310%
79	20.220	2931	2933	2935	rBV3	2072	1448	0.20%	0.018%
80	20.279	2940	2943	2947	rVB5	7545	8199	1.11%	0.103%
81	20.320	2947	2950	2951	rBV3	6678	7664	1.04%	0.097%
82	20.367	2956	2958	2963	rVB5	7496	11359	1.54%	0.143%
83	20.420	2965	2967	2969	rBV3	4974	5109	0.69%	0.064%
84	20.490	2977	2979	2981	rVB3	4897	3209	0.43%	0.040%
85	20.561	2989	2991	2992	rBV2	4521	2938	0.40%	0.037%
86	21.178	3092	3096	3105	rBV5	37998	90317	12.21%	1.139%
87	21.519	3147	3154	3160	rBV	320925	557973	75.41%	7.036%
88	21.566	3160	3162	3170	rVB	33600	39539	5.34%	0.499%
89	22.282	3282	3284	3288	rBV5	12602	18522	2.50%	0.234%
90	22.482	3315	3318	3319	rBV3	7630	7910	1.07%	0.100%
91	23.634	3510	3514	3521	rBV2	19491	50304	6.80%	0.634%
92	23.716	3523	3528	3534	rVB5	29689	68404	9.24%	0.863%
93	24.409	3637	3646	3655	rBV	265651	681093	92.04%	8.588%
94	24.615	3672	3681	3691	rBV	202128	575078	77.72%	7.251%
95	27.670	4199	4201	4202	rBV2	4447	2574	0.35%	0.032%
96	28.769	4386	4388	4390	rBV3	5207	3140	0.42%	0.040%
97	28.863	4402	4404	4407	rBV4	5129	7000	0.95%	0.088%
98	29.210	4461	4463	4466	rBV4	5522	7012	0.95%	0.088%
99	31.953	4928	4930	4931	rBV2	5952	5029	0.68%	0.063%
100	32.177	4966	4968	4970	rBV3	4478	3596	0.49%	0.045%

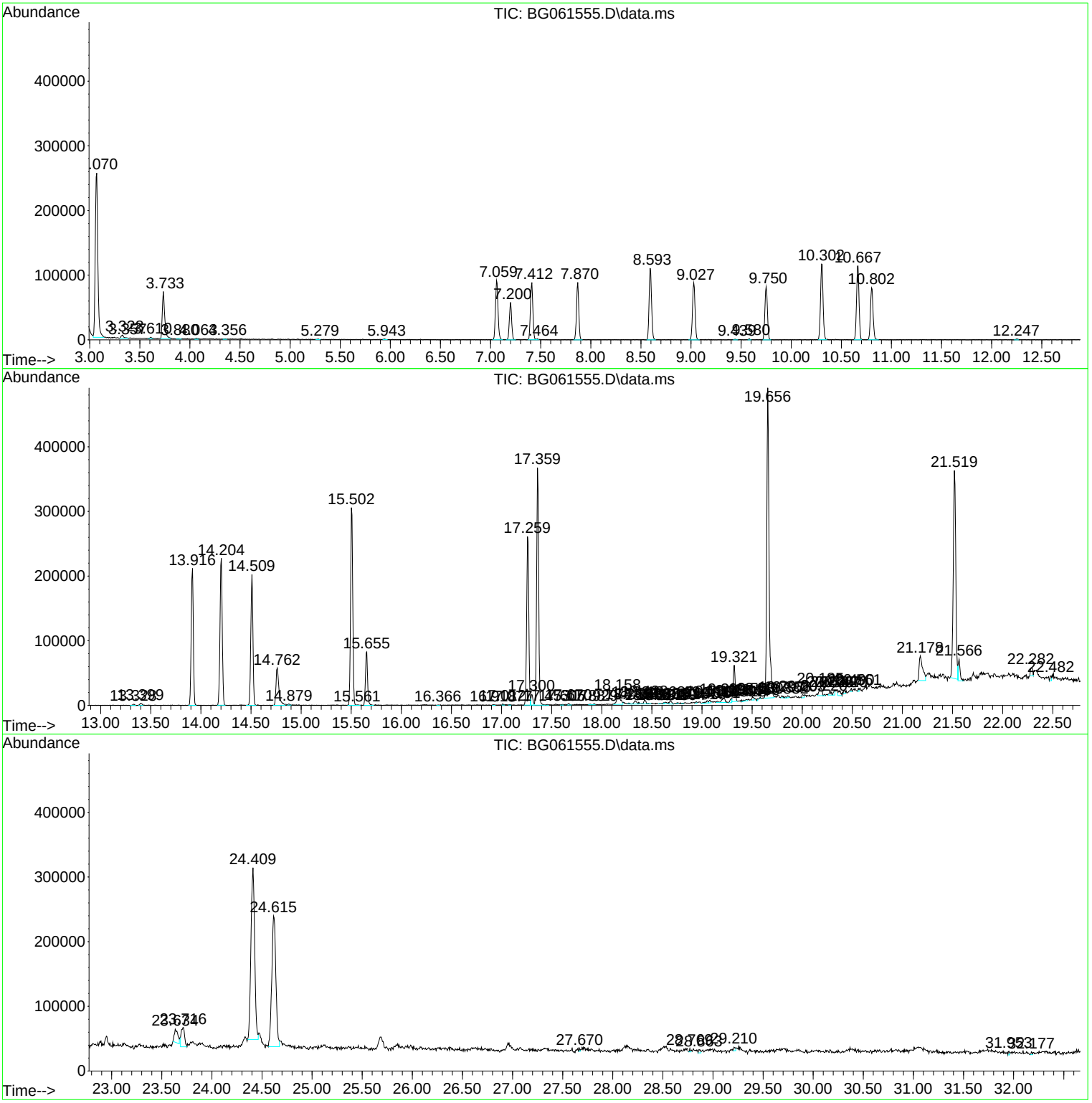
Sum of corrected areas: 7930748

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061555.D
Acq On : 8 Jun 2024 6:38
Operator : MA/JU
Sample : P2640-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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\BG060724\
Data File : BG061555.D
Acq On : 8 Jun 2024 6:38
Operator : MA/JU
Sample : P2640-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BH5

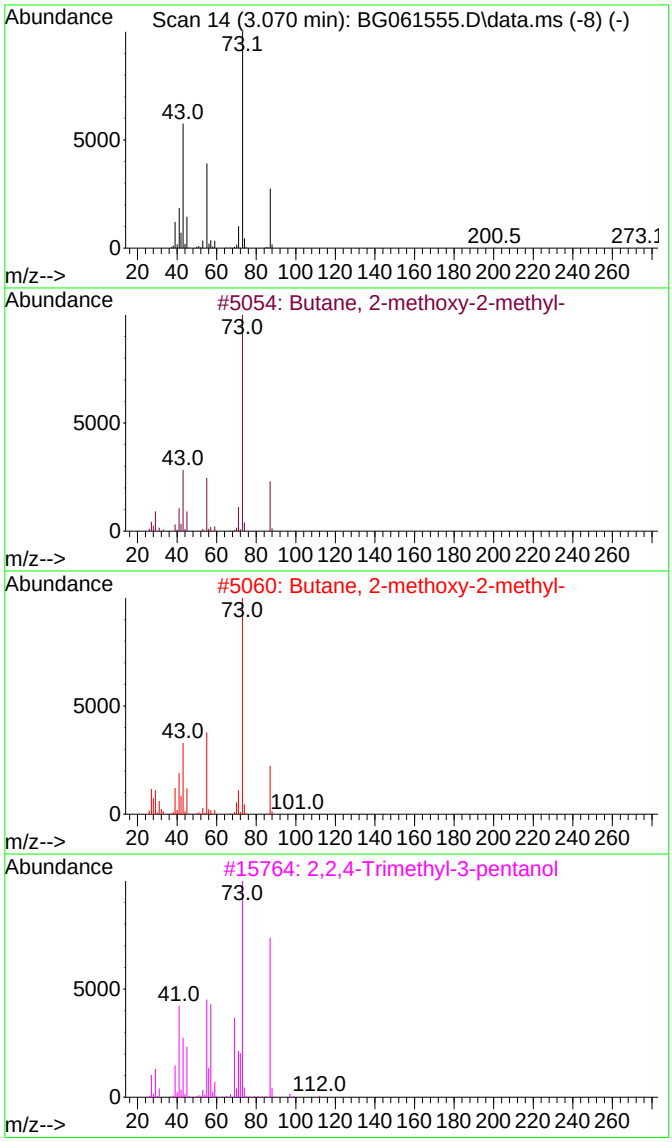
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

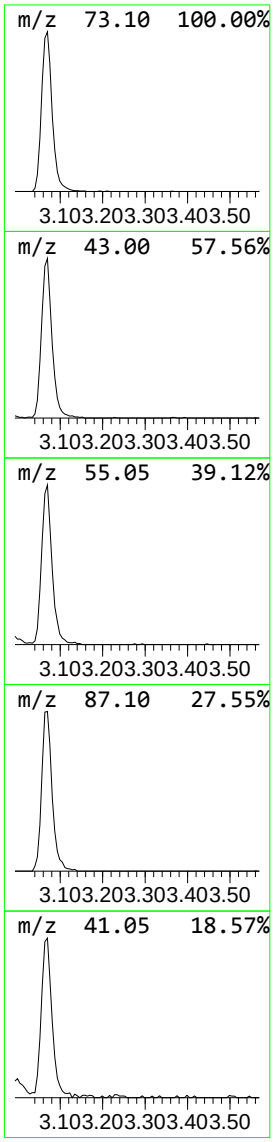
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.070	63.41 ng/ul	445090	1,4-Dichlorobenzene-d4	7.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061555.D
Acq On : 8 Jun 2024 6:38
Operator : MA/JU
Sample : P2640-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

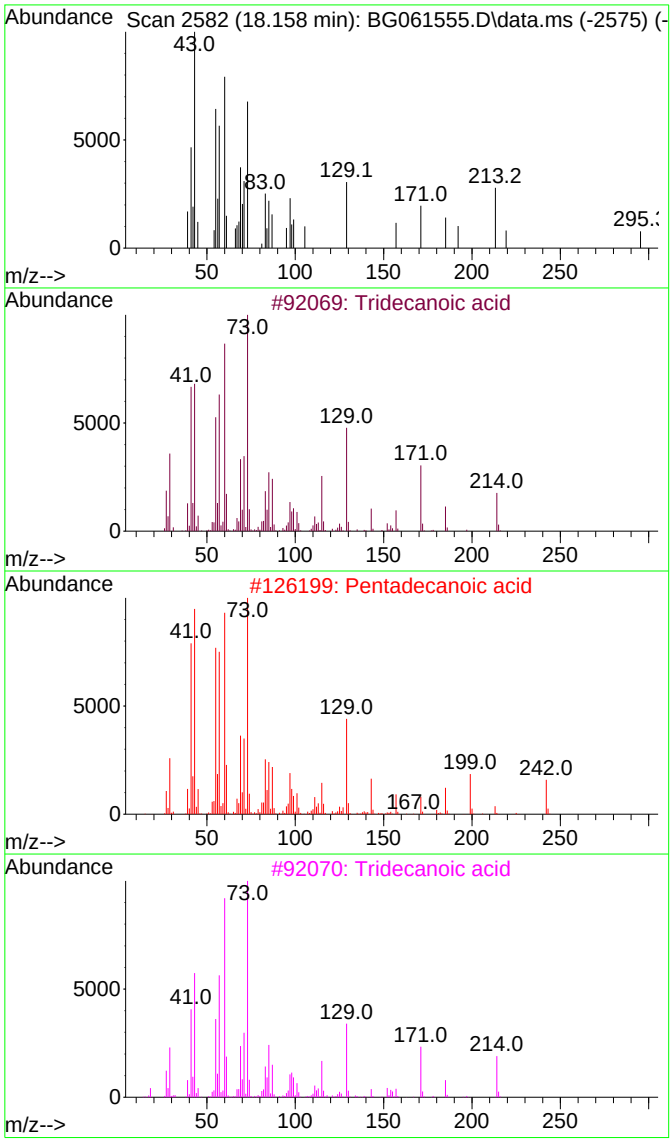
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

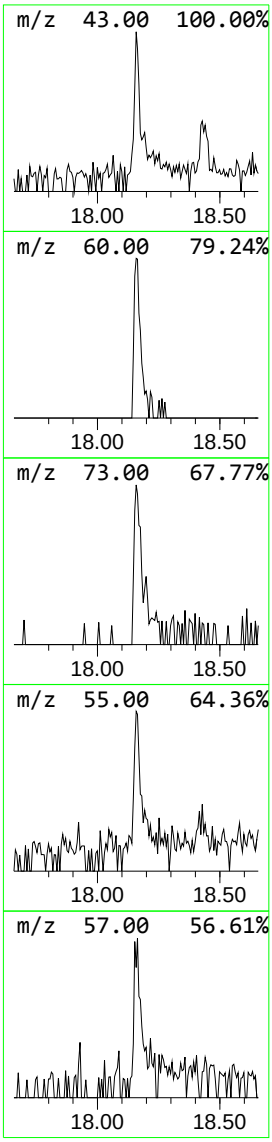
****

Peak Number 2 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.158	2.05 ng/ul	40253	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	68
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061555.D
Acq On : 8 Jun 2024 6:38
Operator : MA/JU
Sample : P2640-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BH5

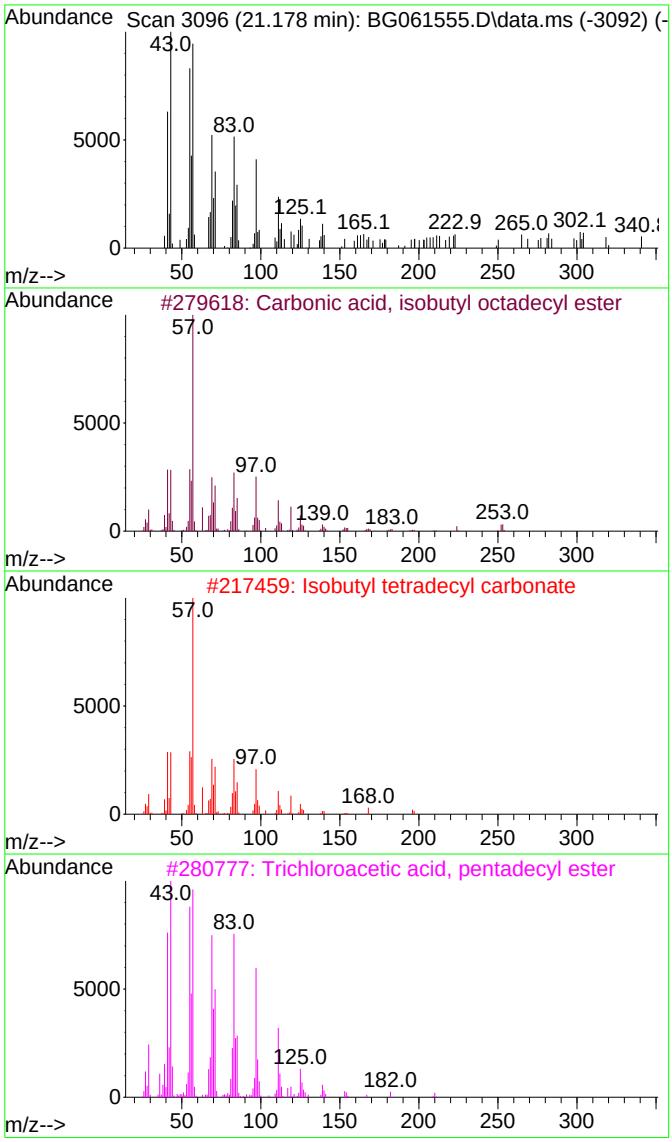
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

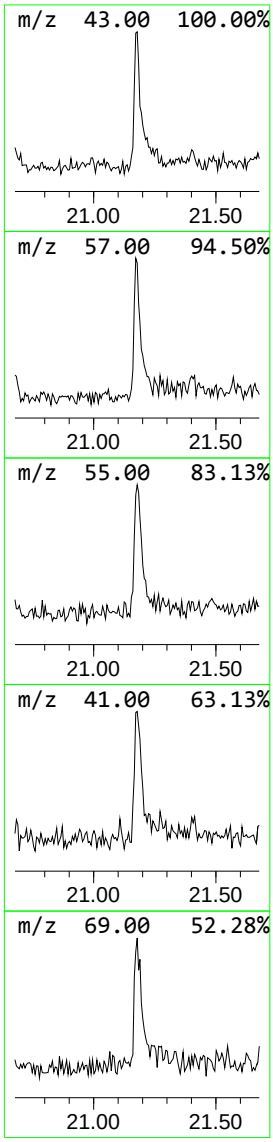
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Carbonic acid, isobutyl oct... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.178	3.24 ng/ul	90317	Chrysene-d12	21.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	87
2	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	86
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	86
4	Carbonic acid, hexadecyl isobuty...	342	C21H42O3	1010314-61-3	86
5	Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061555.D
Acq On : 8 Jun 2024 6:38
Operator : MA/JU
Sample : P2640-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

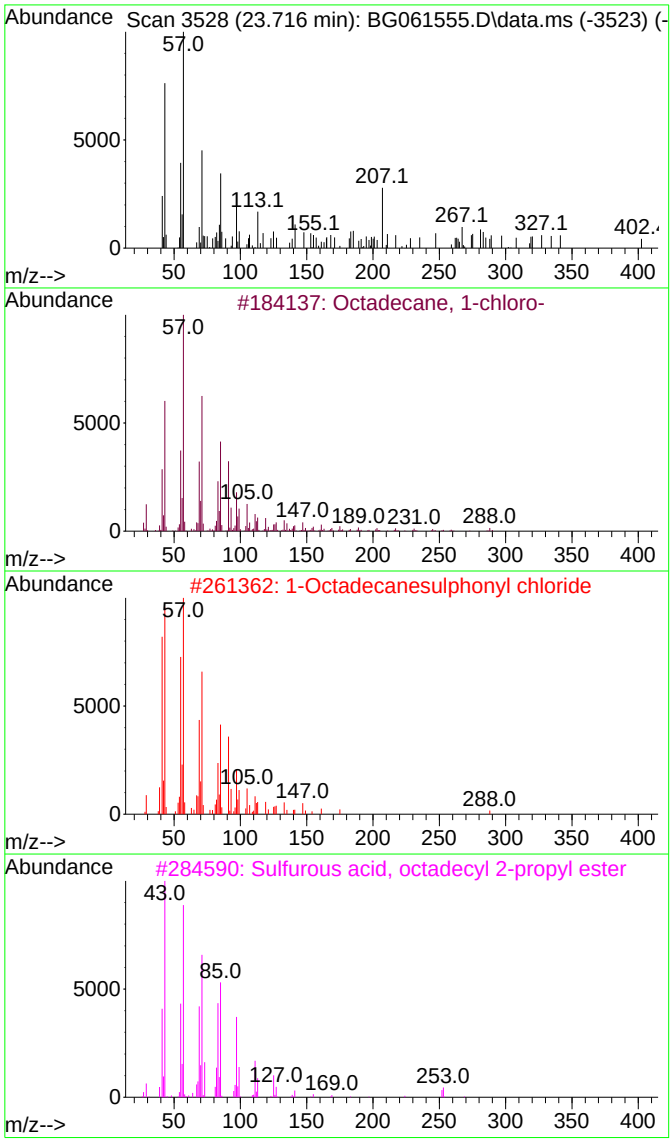
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

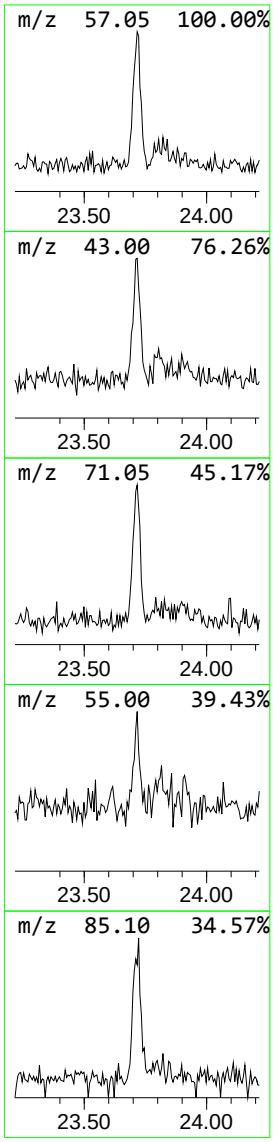
****

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.716	2.38 ng/ul	68404	Perylene-d12	24.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	47
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	47
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	47
4	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	47
5	Nonadecane	268	C19H40	000629-92-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061555.D
Acq On : 8 Jun 2024 6:38
Operator : MA/JU
Sample : P2640-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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
Butane, 2-metho...	3.070	63.4	ng/ul	445090	1	7.870	140374	20.0
Tridecanoic acid	18.158	2.0	ng/ul	40253	4	17.259	392099	20.0
Carbonic acid, ...	21.178	3.2	ng/ul	90317	5	21.519	557973	20.0
unknown-01	23.716	2.4	ng/ul	68404	6	24.615	575078	20.0