LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058337.D
Acq On : 19 Jul 2023 21:33
Operator : CG/JU
Sample : 03452-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46N6

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-BG071723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058337.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	6	11	29	rVB	330237	585740	50.79%	4.330%
2	3.335	40	42	50	rVB2	10716	15194	1.32%	0.112%
3	3.746	107	112	125	rBV	130635	217706	18.88%	1.609%
4	3.852	128	130	134	rBV4	2012	1925	0.17%	0.014%
5	4.087	167	170	176	rVB3	4518	5982	0.52%	0.044%
6	4.181	182	186	193	rVV6	3333	6484	0.56%	0.048%
7	5.796	455	461	466	rBV3	12900	22634	1.96%	0.167%
8	5.832	466	467	472	rVB3	2202	2248	0.19%	0.017%
9	6.519	579	584	592	rBV	16978	29560	2.56%	0.219%
10	7.060	669	676	687	rBV	153984	266402	23.10%	1.969%
11	7.224	697	704	716	rBV	113622	195245	16.93%	1.443%
12	7.430	731	739	750	rBB	139104	244906	21.23%	1.811%
13	7.894	809	818	827	rBV	133607	224990	19.51%	1.663%
14	7.964	829	830	835	rVB3	1561	1760	0.15%	0.013%
15	8.152	858	862	866	rBV3	1316	2394	0.21%	0.018%
16	8.211	866	872	878	rVB2	15994	27360	2.37%	0.202%
17	8.599	932	938	955	rBV	165838	306091	26.54%	2.263%
18	8.722	957	959	965	rVB3	1212	2001	0.17%	0.015%
19	9.057	1007	1016	1027	rBV	141347	257596	22.33%	1.904%
20	9.210	1041	1042	1046	rVB3	1797	1696	0.15%	0.013%
21	9.451	1080	1083	1088	rBV2	1176	2152	0.19%	0.016%
22	9.780	1131	1139	1150	rBV	115495	211746	18.36%	1.565%
23	10.321	1224	1231	1243	rBV	183184	348384	30.21%	2.575%
24	10.697	1288	1295	1306	rVB	205758	369656	32.05%	2.733%
25	10.832	1311	1318	1330	rBV	155528	307050	26.62%	2.270%
26	12.183	1543	1548	1550	rBV3	1590	2376	0.21%	0.018%
27	12.283	1561	1565	1572	rBV3	3568	6532	0.57%	0.048%
28	12.882	1662	1667	1670	rBV2	2055	3033	0.26%	0.022%
29	13.129	1705	1709	1714	rVV2	4237	6955	0.60%	0.051%
30	13.417	1754	1758	1762	rBV3	3300	5041	0.44%	0.037%
31	13.934	1839	1846	1855	rVV	376799	545347	47.28%	4.032%
32	14.228	1887	1896	1910	rVB	447250	694515	60.22%	5.134%
33	14.533	1941	1948	1957	rVV	378394	578947	50.20%	4.280%
34	14.733	1976	1982	1999	rBV	108906	231544	20.08%	1.712%
35	14.886	2006	2008	2013	rVB5	2053	2607	0.23%	0.019%
36	14.950	2016	2019	2025	rVV5	3240	4256	0.37%	0.031%

LSC Area Percent Report

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Sample : 03452-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46N6

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-BG071723.MA.M
Title : SVOA CALIBRATION

37	15.326	2078	2083	2084	rBV3	2770	3860	0.33%	0.029%
38	15.526	2110	2117	2127	rBV	592535	913421	79.20%	6.753%
39	15.644	2132	2137	2146	rVV	139144	210641	18.26%	1.557%
40	15.785	2154	2161	2164	rBV5	4978	9563	0.83%	0.071%
41	15.885	2173	2178	2184	rVV	46758	67502	5.85%	0.499%
42	15.926	2184	2185	2190	rVV2	1797	1717	0.15%	0.013%
43	16.249	2238	2240	2245	rVV3	1800	2701	0.23%	0.020%
44	16.396	2258	2265	2267	rBV4	1597	3233	0.28%	0.024%
45	16.449	2270	2274	2279	rVB3	8347	11643	1.01%	0.086%
46	16.507	2279	2284	2289	rBV2	4298	7087	0.61%	0.052%
47	16.807	2331	2335	2338	rBV3	4527	6602	0.57%	0.049%
48	16.960	2354	2361	2366	rBV6	8597	13664	1.18%	0.101%
49	17.024	2370	2372	2376	rVV4	2524	3010	0.26%	0.022%
50	17.077	2376	2381	2383	rVB4	2590	3206	0.28%	0.024%
51	17.154	2389	2394	2396	rBV5	2913	3809	0.33%	0.028%
52	17.189	2396	2400	2404	rVB5	5532	7791	0.68%	0.058%
53	17.277	2409	2415	2425	rVV	511800	756462	65.59%	5.592%
54	17.377	2425	2432	2441	rVV	622952	949570	82.33%	7.020%
55	17.453	2442	2445	2454	rVV6	8666	16448	1.43%	0.122%
56	17.559	2459	2463	2467	rVV6	2169	3624	0.31%	0.027%
57	17.677	2481	2483	2485	rVV2	2106	1882	0.16%	0.014%
58	17.729	2490	2492	2494	rVV3	3271	3517	0.30%	0.026%
59	17.753	2494	2496	2501	rVV5	2788	4361	0.38%	0.032%
60	17.794	2501	2503	2506	rVB4	1823	1871	0.16%	0.014%
61	17.865	2508	2515	2523	rBV7	7213	15925	1.38%	0.118%
62	18.158	2561	2565	2574	rBV	78695	136384	11.83%	1.008%
63	18.229	2575	2577	2581	rVV2	9762	13712	1.19%	0.101%
64	18.264	2581	2583	2589	rVB6	4296	8096	0.70%	0.060%
65	18.346	2594	2597	2599	rBV4	4011	3447	0.30%	0.025%
66	18.405	2604	2607	2611	rVB5	3389	4900	0.42%	0.036%
67	18.446	2611	2614	2617	rBV4	3267	4459	0.39%	0.033%
68	18.581	2634	2637	2641	rVB5	2878	4000	0.35%	0.030%
69	18.628	2643	2645	2648	rBV4	2460	1758	0.15%	0.013%
70	18.658	2648	2650	2653	rBV3	3469	3028	0.26%	0.022%
71	18.746	2662	2665	2667	rBV4	1452	1683	0.15%	0.012%
72	18.881	2685	2688	2691	rBV4	1882	2297	0.20%	0.017%
73	18.987	2705	2706	2710	rVV4	2250	1973	0.17%	0.015%
74	19.087	2720	2723	2725	rBV3	2235	3269	0.28%	0.024%
75	19.228	2740	2747	2752	rVB5	8763	15157	1.31%	0.112%
76	19.304	2755	2760	2762	rBV	13393	19833	1.72%	0.147%

LSC Area Percent Report

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Operator : CG/JU
Sample : 03452-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A46N6

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Title : SVOA CALIBRATION

77	19.333	2762	2765	2773	rVB	11312	17810	1.54%	0.132%
78	19.433	2779	2782	2787	rBV5	12199	16264	1.41%	0.120%
79	19.580	2804	2807	2810	rVV5	4143	5166	0.45%	0.038%
80	19.663	2815	2821	2833	rVV	735338	1153351	100.00%	8.526%
81	19.739	2833	2834	2840	rVB5	2935	3834	0.33%	0.028%
82	20.127	2899	2900	2903	rBV3	2857	1890	0.16%	0.014%
83	20.191	2905	2911	2916	rBV8	9461	16331	1.42%	0.121%
84	20.444	2952	2954	2956	rBV3	2830	1923	0.17%	0.014%
85	20.620	2982	2984	2985	rBV	3785	2317	0.20%	0.017%
86	20.685	2992	2995	2998	rVB3	9294	10034	0.87%	0.074%
87	20.996	3045	3048	3051	rBV5	6588	7650	0.66%	0.057%
88	21.178	3074	3079	3094	rBV2	54990	150293	13.03%	1.111%
89	21.413	3114	3119	3121	rBV5	9202	14131	1.23%	0.104%
90	21.525	3131	3138	3153	rVB	467238	770019	66.76%	5.693%
91	21.701	3165	3168	3174	rVB2	18045	24766	2.15%	0.183%
92	22.295	3264	3269	3275	rVB2	20469	36632	3.18%	0.271%
93	22.959	3377	3382	3391	rVB6	27897	59470	5.16%	0.440%
94	23.423	3459	3461	3463	rBV3	4191	2743	0.24%	0.020%
95	23.734	3509	3514	3521	rVB2	28403	57199	4.96%	0.423%
96	24.439	3624	3634	3652	rVB2	400053	1117828	96.92%	8.264%
97	24.657	3661	3671	3688	rVB3	320952	907905	78.72%	6.712%
98	25.738	3847	3855	3867	rVB2	30404	88526	7.68%	0.654%
99	27.048	4069	4078	4085	rBV6	24319	72394	6.28%	0.535%
100	31.795	4884	4886	4888	rBV2	3411	3224	0.28%	0.024%

Sum of corrected areas: 13526861

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
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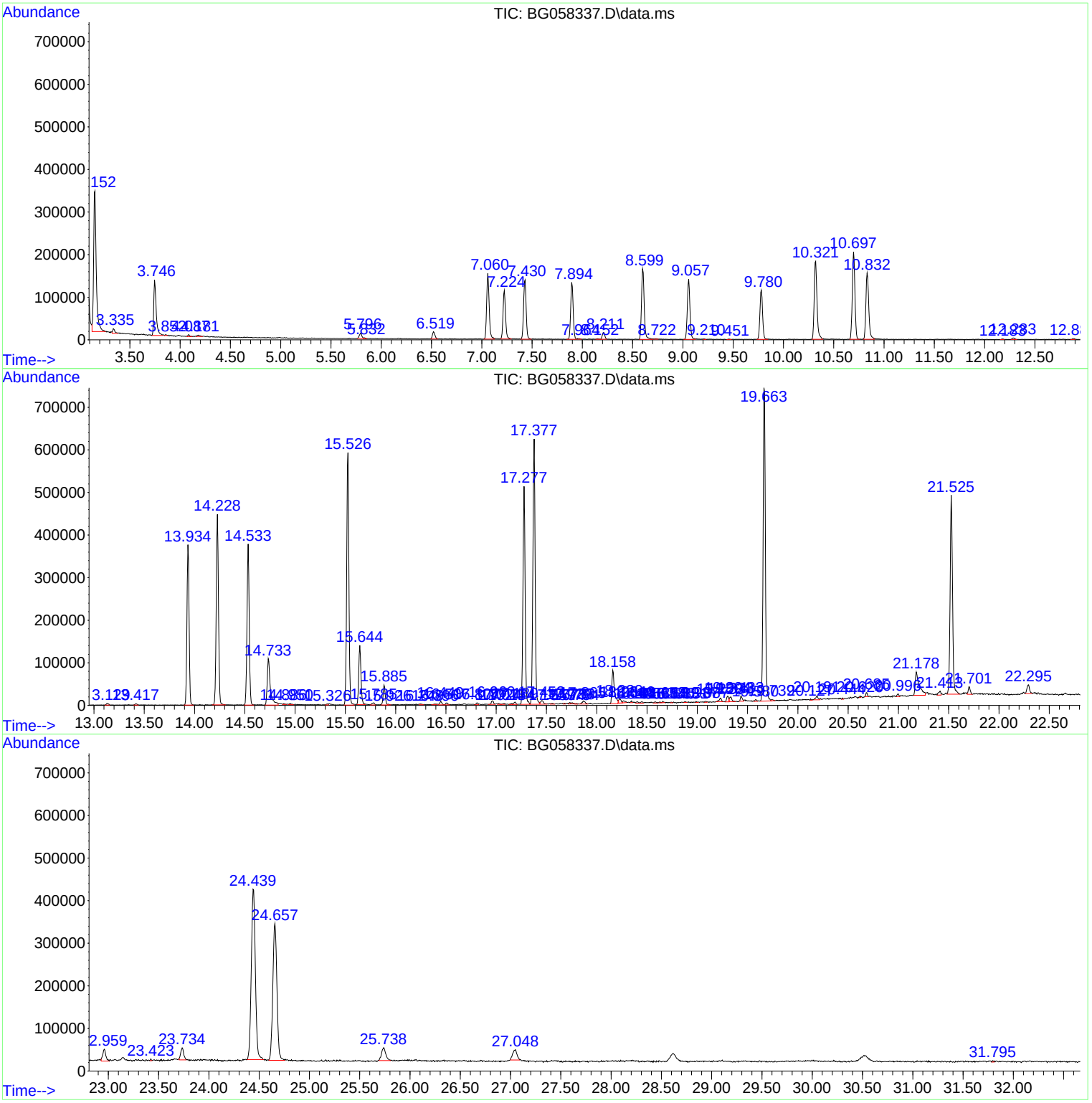
Sample : 03452-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46N6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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\BG071823\
Data File : BG058337.D
Acq On : 19 Jul 2023 21:33
Operator : CG/JU
Sample : 03452-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46N6

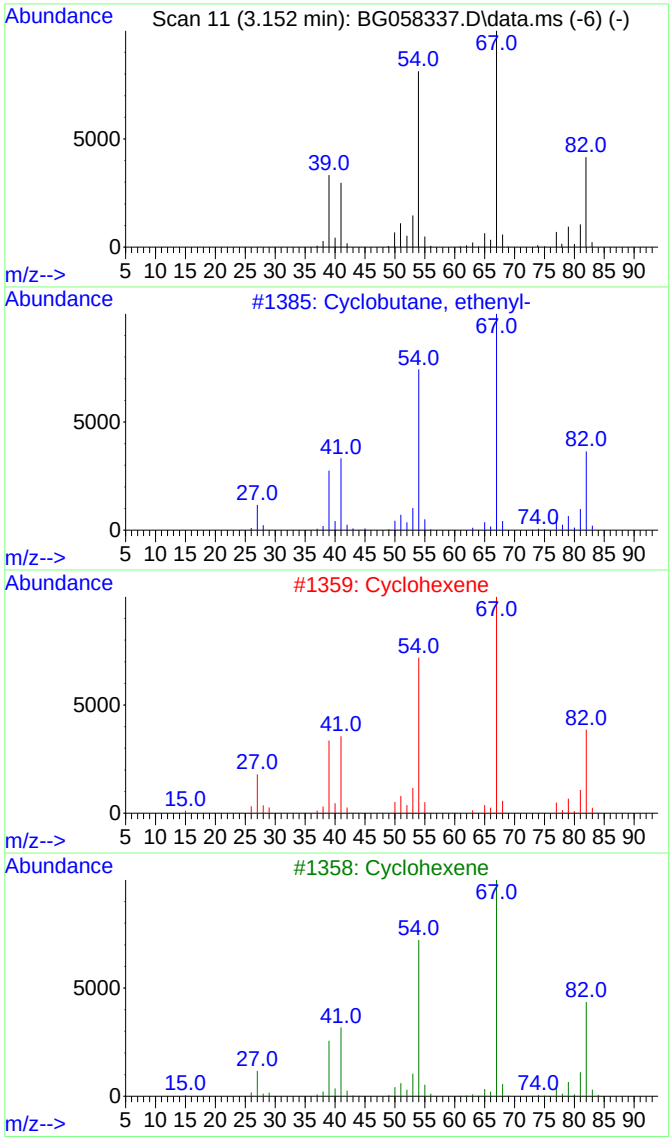
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

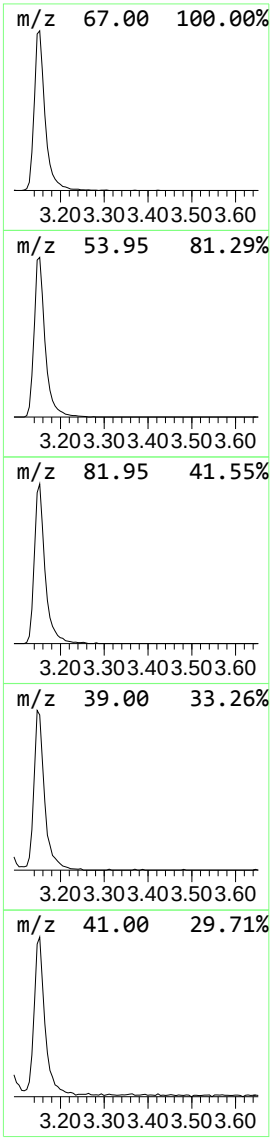
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclobutane, ethenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.152	52.07 ng/ul	585740	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	95
2	Cyclohexene	82	C6H10	000110-83-8	94
3	Cyclohexene	82	C6H10	000110-83-8	91
4	Cyclohexene	82	C6H10	000110-83-8	91
5	Cyclohexene	82	C6H10	000110-83-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058337.D
Acq On : 19 Jul 2023 21:33
Operator : CG/JU
Sample : 03452-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46N6

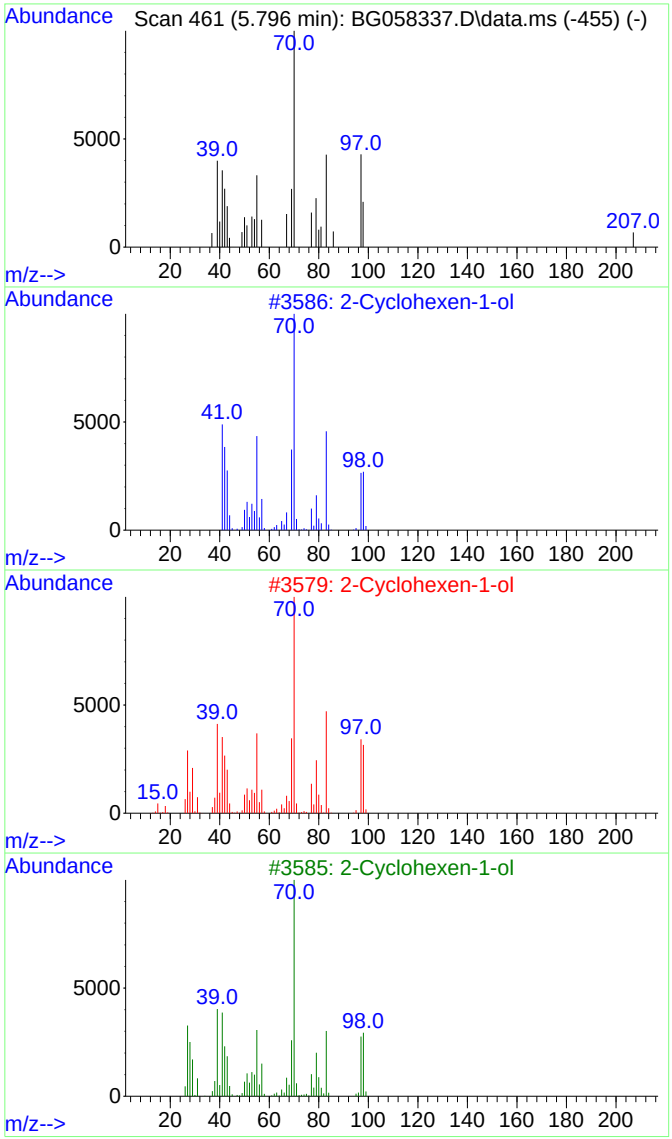
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

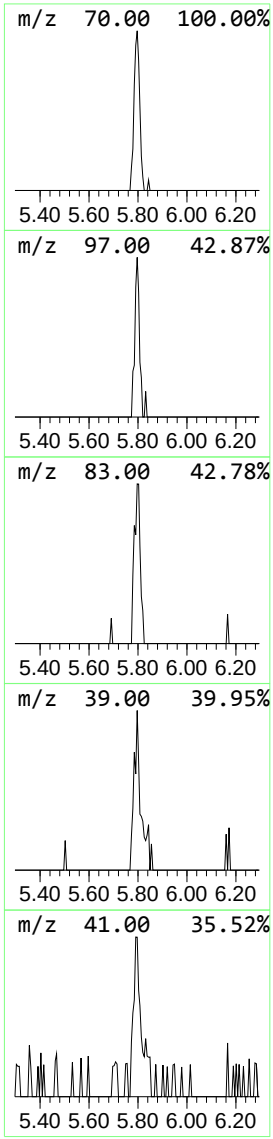
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Cyclohexen-1-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.796	2.01 ng/ul	22634	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	76
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	62
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	58
4	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	52
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058337.D
Acq On : 19 Jul 2023 21:33
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Sample : 03452-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46N6

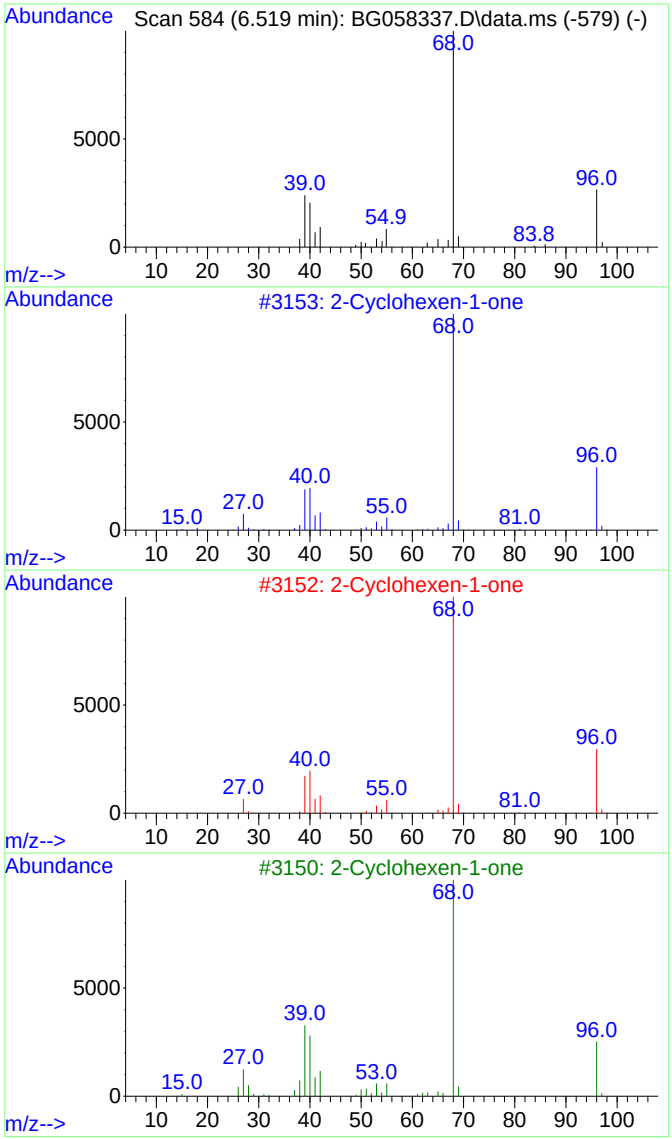
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

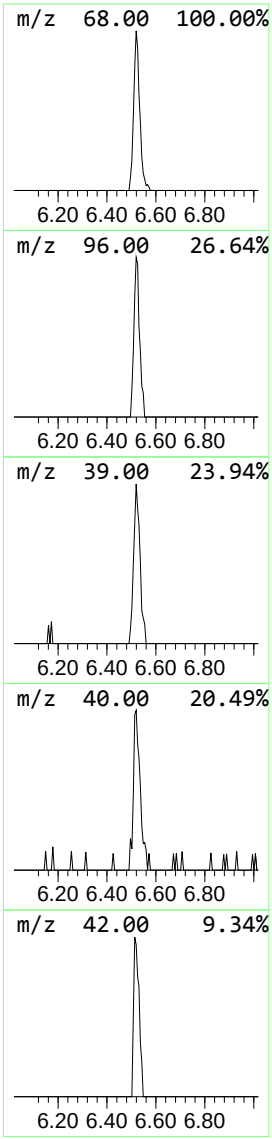
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Cyclohexen-1-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.519	2.63 ng/ul	29560	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	78
4	1H-Pyrazole	68	C3H4N2	000288-13-1	53
5	1H-Tetrazole, 5-vinyl-	96	C3H4N4	018755-47-0	50





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46N6

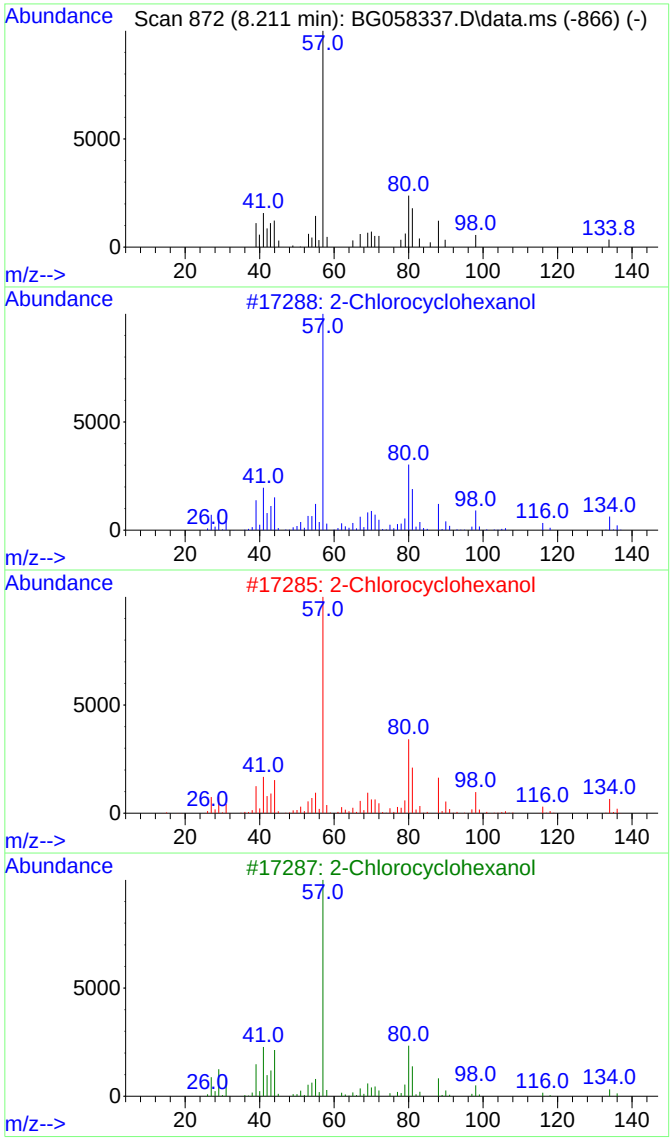
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

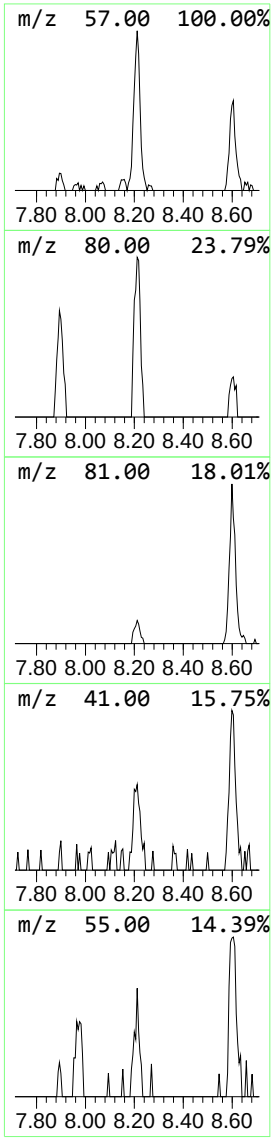
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Chlorocyclohexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.211	2.43 ng/ul	27360	1,4-Dichlorobenzene-d4	7.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	80
2	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	80
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	74
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	72
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	64





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Data File : BG058337.D
Acq On : 19 Jul 2023 21:33
Operator : CG/JU
Sample : 03452-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46N6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

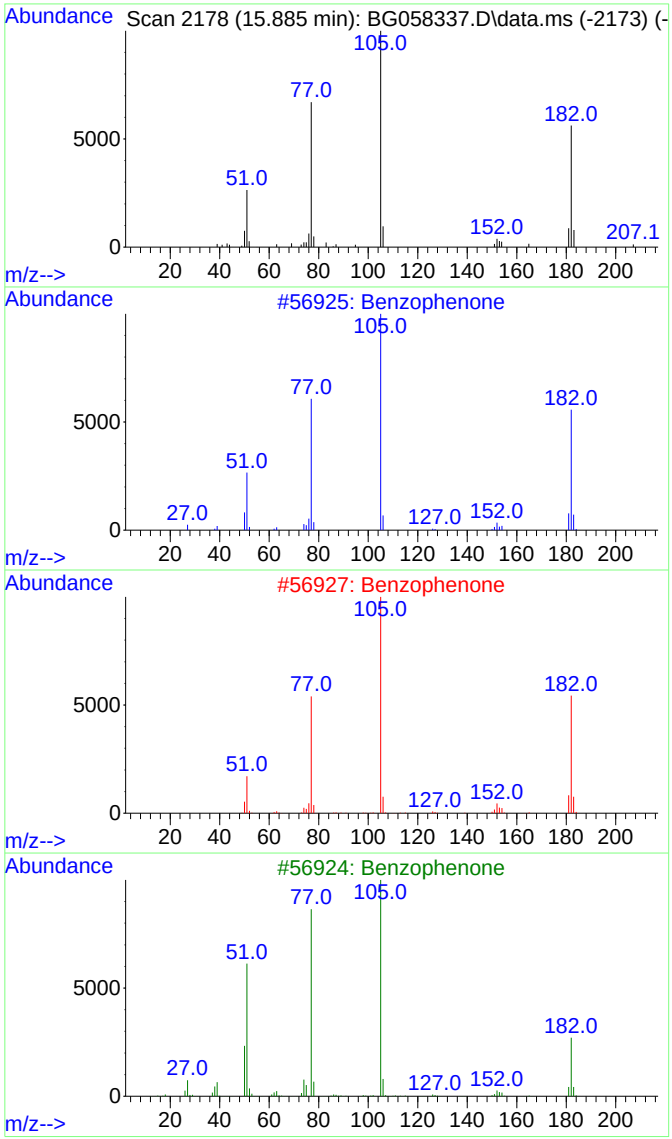
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

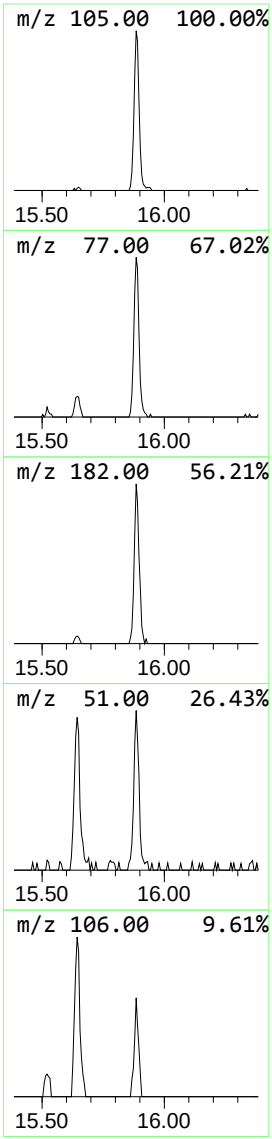
****

Peak Number 5 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.885	2.33 ng/ul	67502	Acenaphthene-d10	14.533

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





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Data File : BG058337.D
Acq On : 19 Jul 2023 21:33
Operator : CG/JU
Sample : 03452-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46N6

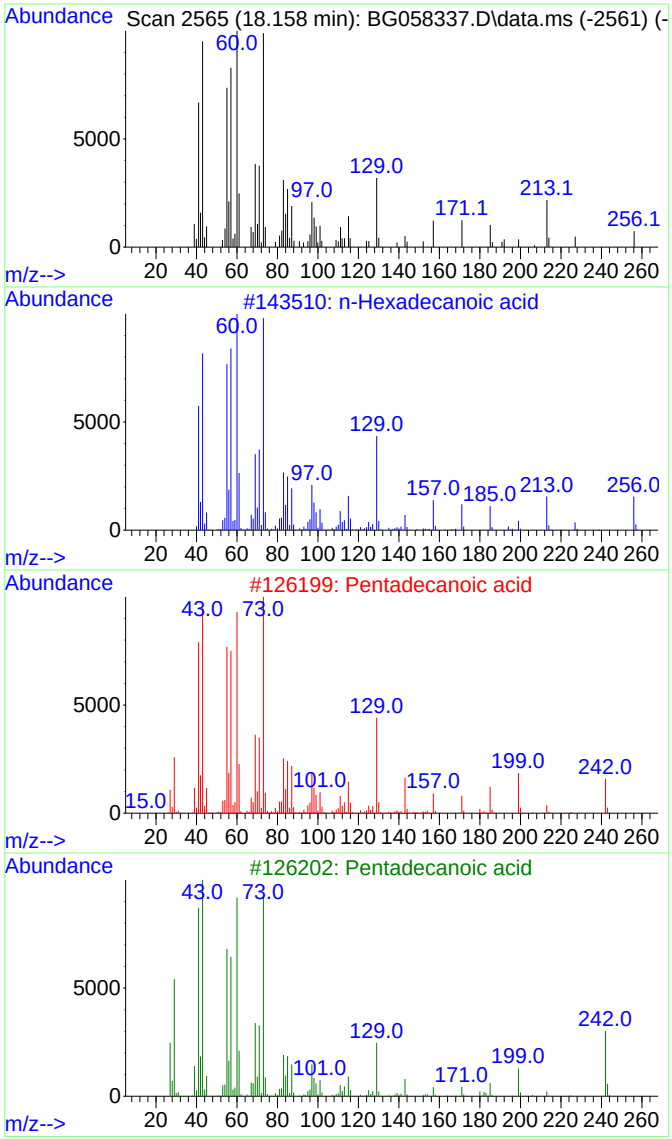
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

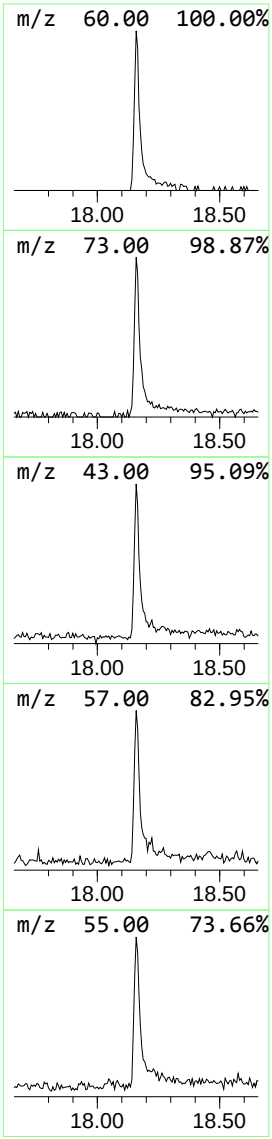
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.158	3.61 ng/ul	136384	Phenanthrene-d10	17.277

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058337.D
Acq On : 19 Jul 2023 21:33
Operator : CG/JU
Sample : 03452-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46N6

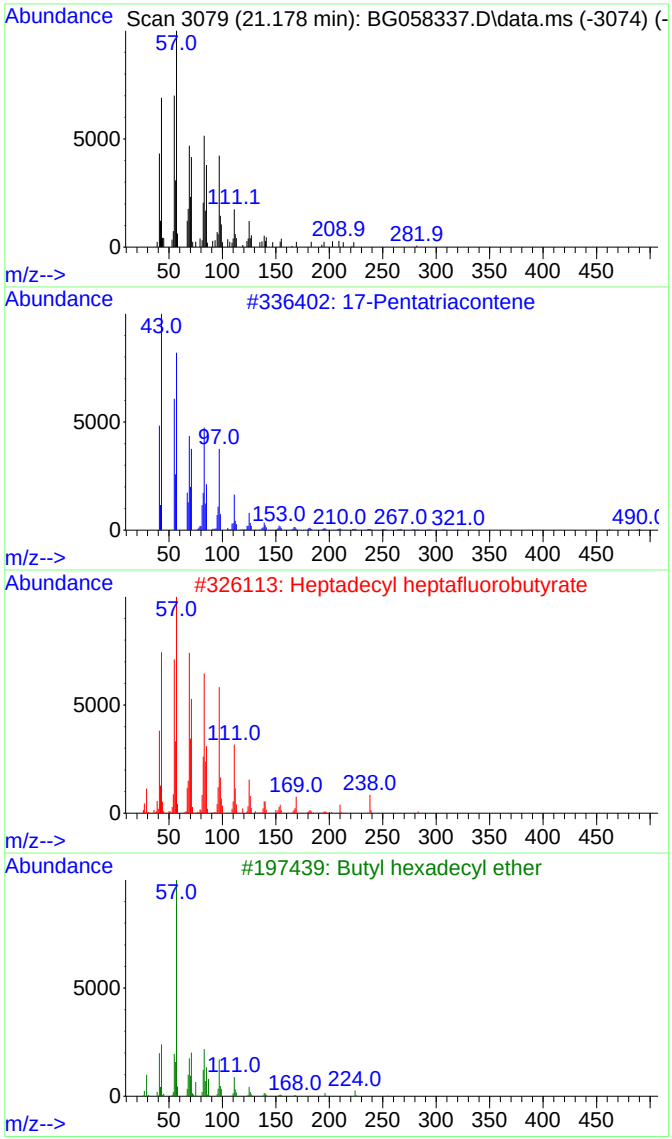
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

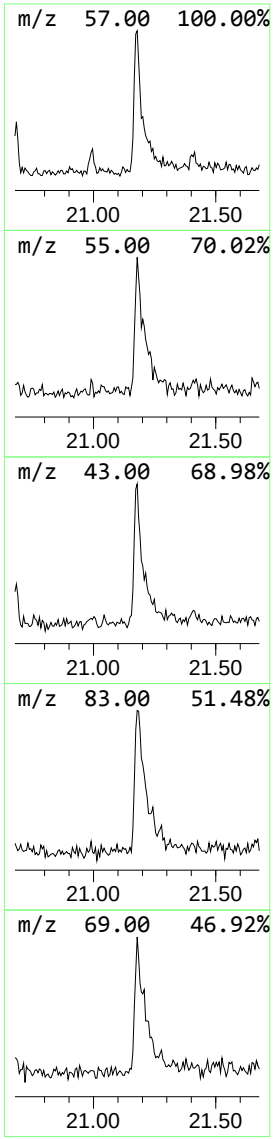
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.178	3.90 ng/ul	150293	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3	Butyl hexadecyl ether	298	C20H42O	1010406-40-5	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058337.D
Acq On : 19 Jul 2023 21:33
Operator : CG/JU
Sample : 03452-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46N6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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
Cyclobutane, et...	3.152	52.1	ng/ul	585740	1	7.894	224990	20.0
2-Cyclohexen-1-ol	5.796	2.0	ng/ul	22634	1	7.894	224990	20.0
2-Cyclohexen-1-one	6.519	2.6	ng/ul	29560	1	7.894	224990	20.0
2-Chlorocyclohe...	8.211	2.4	ng/ul	27360	1	7.894	224990	20.0
Benzophenone	15.885	2.3	ng/ul	67502	3	14.533	578947	20.0
n-Hexadecanoic ...	18.158	3.6	ng/ul	136384	4	17.277	756462	20.0
(DEL) Alkane: S...	21.178	3.9	ng/ul	150293	5	21.525	770019	20.0