LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058305.D
Acq On : 18 Jul 2023 17:45
Operator : CG/JU
Sample : 03444-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46N7

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: BG058305.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.151	6	11	37	rVB	473009	984533	69.32%	6.207%
2	3.339	40	43	49	rVB2	14208	20341	1.43%	0.128%
3	3.751	108	113	129	rBV	164235	290358	20.44%	1.831%
4	3.868	129	133	141	rVB5	9835	16704	1.18%	0.105%
5	4.562	248	251	255	rBV5	1684	3247	0.23%	0.020%
6	4.990	319	324	331	rBV6	1819	4611	0.32%	0.029%
7	5.090	336	341	344	rBV4	2269	3789	0.27%	0.024%
8	5.795	453	461	472	rBV7	6956	14168	1.00%	0.089%
9	6.083	506	510	513	rBV4	816	1478	0.10%	0.009%
10	6.171	522	525	528	rBV4	1179	1475	0.10%	0.009%
11	6.524	580	585	590	rBV	10316	17277	1.22%	0.109%
12	7.065	668	677	687	rBV	191354	351782	24.77%	2.218%
13	7.223	697	704	720	rBV	152528	268717	18.92%	1.694%
14	7.429	732	739	749	rBV	181774	317198	22.33%	2.000%
15	7.505	751	752	756	rVB3	1495	1474	0.10%	0.009%
16	7.899	810	819	829	rBV	129482	234348	16.50%	1.478%
17	8.210	867	872	878	rBV2	18753	30194	2.13%	0.190%
18	8.604	932	939	956	rBV	178551	337860	23.79%	2.130%
19	9.056	1006	1016	1027	rBV	177183	333547	23.49%	2.103%
20	9.779	1133	1139	1154	rBV	146460	268539	18.91%	1.693%
21	10.320	1224	1231	1243	rBV	214866	401161	28.25%	2.529%
22	10.701	1288	1296	1306	rVB	198987	358918	25.27%	2.263%
23	10.837	1311	1319	1339	rVV	207715	407737	28.71%	2.571%
24	12.288	1561	1566	1572	rVB	4743	8004	0.56%	0.050%
25	13.345	1743	1746	1750	rVB3	1967	2849	0.20%	0.018%
26	13.422	1753	1759	1765	rBV3	3388	5581	0.39%	0.035%
27	13.939	1840	1847	1857	rBV	448352	673637	47.43%	4.247%
28	14.115	1874	1877	1883	rBV3	1992	3327	0.23%	0.021%
29	14.227	1889	1896	1910	rVB2	516786	825585	58.13%	5.205%
30	14.421	1924	1929	1935	rVB4	2836	4390	0.31%	0.028%
31	14.532	1939	1948	1957	rBV	352248	547591	38.56%	3.452%
32	14.732	1976	1982	2002	rBV	154128	320703	22.58%	2.022%
33	14.944	2015	2018	2020	rBV3	1257	1531	0.11%	0.010%
34	15.314	2078	2081	2084	rBV4	1192	1591	0.11%	0.010%
35	15.367	2088	2090	2095	rVB3	1485	1936	0.14%	0.012%
36	15.525	2110	2117	2131	rBV	743176	1085681	76.44%	6.845%

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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	15.643	2131	2137	2147	rBV	206718	309200	21.77%	1.949%
38	15.760	2155	2157	2163	rVB3	3633	4152	0.29%	0.026%
39	15.889	2172	2179	2187	rBV	127990	195263	13.75%	1.231%
40	16.448	2270	2274	2283	rVB3	21502	32131	2.26%	0.203%
41	16.812	2331	2336	2343	rBV2	8145	11630	0.82%	0.073%
42	16.965	2357	2362	2367	rBV3	4443	6346	0.45%	0.040%
43	17.276	2408	2415	2425	rBV	496051	736736	51.87%	4.645%
44	17.376	2425	2432	2441	rVV	736726	1143192	80.49%	7.208%
45	17.458	2444	2446	2454	rVB6	6118	10360	0.73%	0.065%
46	17.934	2524	2527	2531	rVB3	3187	3498	0.25%	0.022%
47	18.040	2540	2545	2547	rBV3	1398	1922	0.14%	0.012%
48	18.163	2561	2566	2575	rBV	66821	118032	8.31%	0.744%
49	18.234	2575	2578	2582	rVB	13127	17597	1.24%	0.111%
50	18.410	2606	2608	2612	rVB5	1933	2069	0.15%	0.013%
51	18.451	2612	2615	2621	rBV4	2345	4752	0.33%	0.030%
52	18.504	2621	2624	2625	rBV3	1834	1693	0.12%	0.011%
53	18.663	2648	2651	2656	rBV4	2701	4060	0.29%	0.026%
54	18.745	2663	2665	2667	rBV2	1368	1556	0.11%	0.010%
55	18.845	2679	2682	2683	rBV2	1272	1469	0.10%	0.009%
56	19.092	2720	2724	2727	rVB5	1646	2062	0.15%	0.013%
57	19.233	2744	2748	2753	rBV3	11715	17287	1.22%	0.109%
58	19.303	2755	2760	2762	rBV	14040	18672	1.31%	0.118%
59	19.332	2762	2765	2770	rVB2	8802	12131	0.85%	0.076%
60	19.438	2779	2783	2788	rBV4	11084	18445	1.30%	0.116%
61	19.521	2795	2797	2799	rBV3	1963	1616	0.11%	0.010%
62	19.667	2816	2822	2832	rBV	969666	1420242	100.00%	8.954%
63	19.861	2854	2855	2859	rBV3	1463	1473	0.10%	0.009%
64	20.190	2907	2911	2915	rBV4	7595	8926	0.63%	0.056%
65	20.343	2936	2937	2939	rBV2	1852	1604	0.11%	0.010%
66	20.419	2949	2950	2954	rBV3	2728	3353	0.24%	0.021%
67	20.619	2982	2984	2986	rBV3	2454	1737	0.12%	0.011%
68	20.684	2992	2995	2998	rBV3	10697	11423	0.80%	0.072%
69	20.748	3004	3006	3007	rBV2	1931	1476	0.10%	0.009%
70	21.101	3064	3066	3069	rBV4	3968	4913	0.35%	0.031%
71	21.177	3075	3079	3082	rBV4	25203	40682	2.86%	0.256%
72	21.407	3116	3118	3120	rBV3	4924	3564	0.25%	0.022%
73	21.530	3131	3139	3151	rBV	463323	783364	55.16%	4.939%
74	21.706	3165	3169	3174	rVB	20600	28282	1.99%	0.178%
75	22.294	3264	3269	3274	rBV2	25513	43031	3.03%	0.271%
76	22.964	3378	3383	3391	rVB3	27010	54780	3.86%	0.345%

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Instrument :
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ClientSampleId :
A46N7

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

77	23.146	3411	3414	3422	rVB5	6963	12883	0.91%	0.081%
78	23.739	3509	3515	3523	rVB3	30911	65780	4.63%	0.415%
79	23.986	3555	3557	3560	rBV3	2741	2955	0.21%	0.019%
80	24.362	3619	3621	3622	rBV2	3066	1720	0.12%	0.011%
81	24.444	3625	3635	3647	rVV2	505150	1412089	99.43%	8.903%
82	24.662	3662	3672	3686	rBV	321915	904893	63.71%	5.705%
83	25.743	3848	3856	3865	rVB5	29134	87972	6.19%	0.555%
84	27.047	4071	4078	4092	rVB3	26630	87629	6.17%	0.552%
85	28.616	4340	4345	4347	rBV5	10851	18787	1.32%	0.118%
86	29.573	4506	4508	4511	rBV3	3257	2638	0.19%	0.017%
87	30.519	4660	4669	4670	rBV7	11440	26789	1.89%	0.169%

Sum of corrected areas: 15860718

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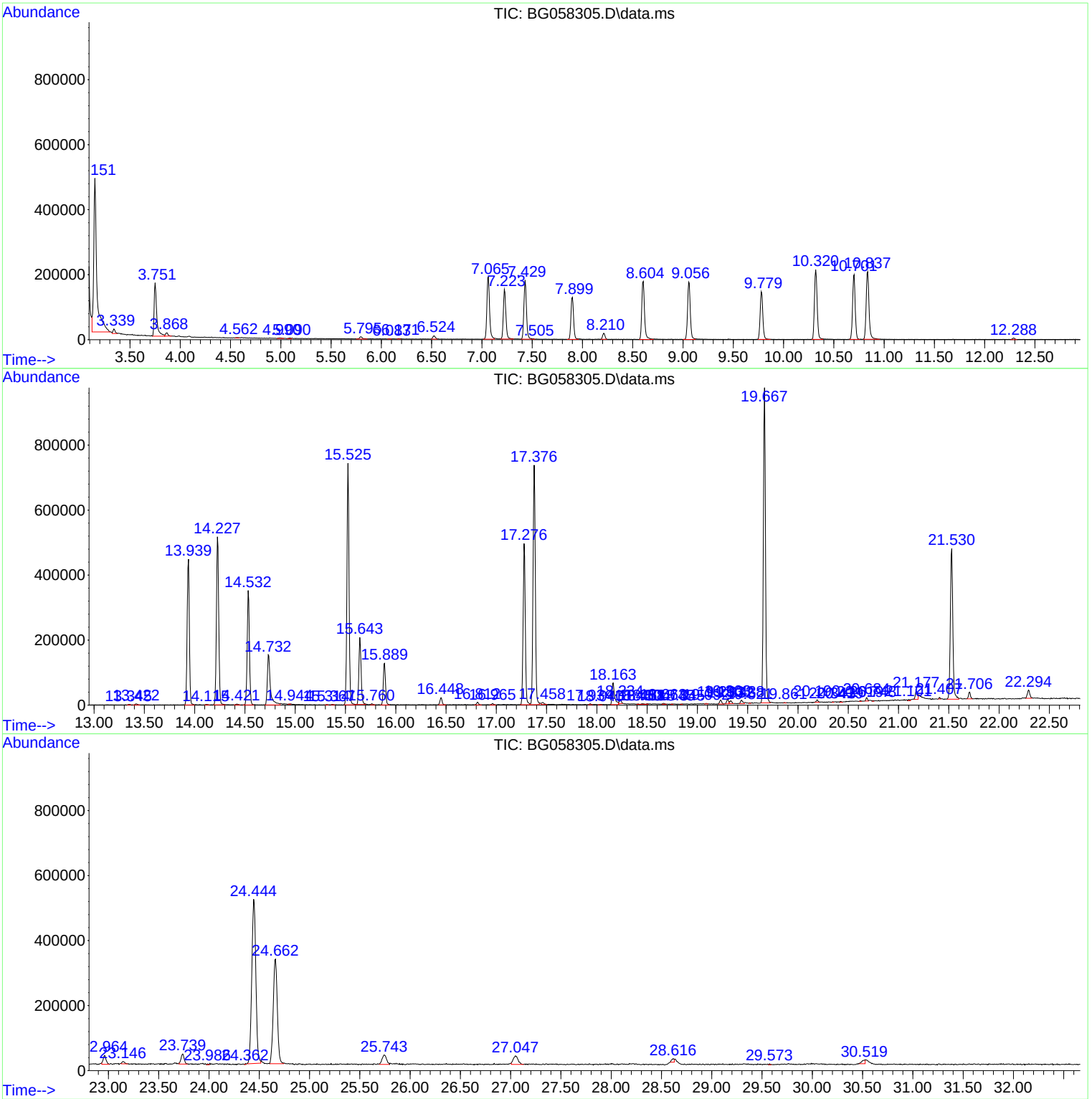
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
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Operator : CG/JU
Sample : 03444-03
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ALS Vial : 15 Sample Multiplier: 1

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

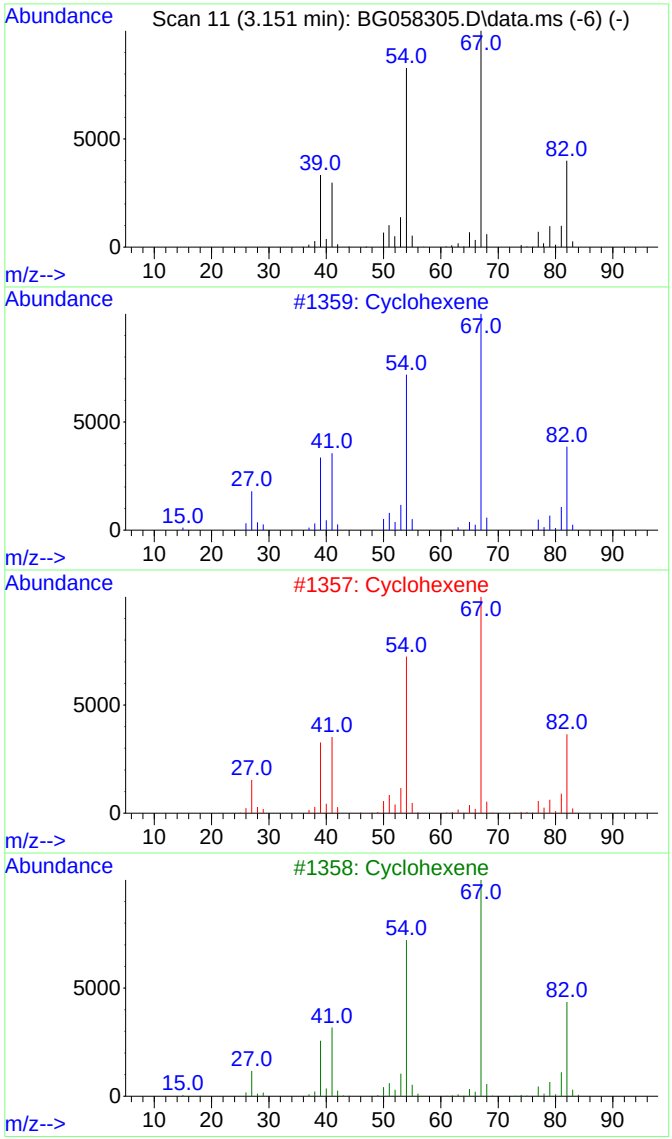
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

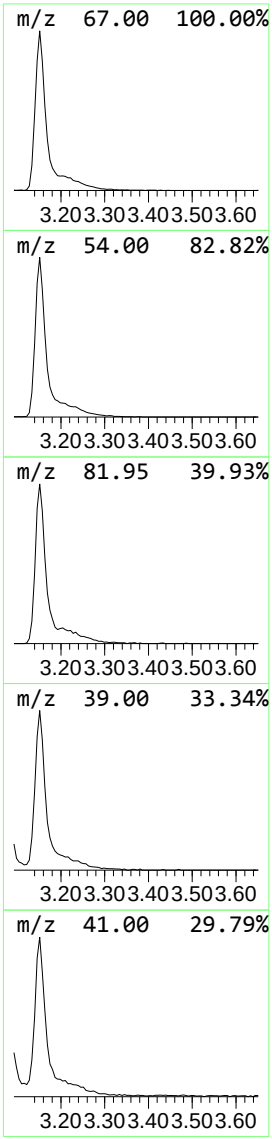
****

Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.151	84.02 ng/ul	984533	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	95
2	Cyclohexene	82	C6H10	000110-83-8	91
3	Cyclohexene	82	C6H10	000110-83-8	91
4	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	91
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	91





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ALS Vial : 15 Sample Multiplier: 1

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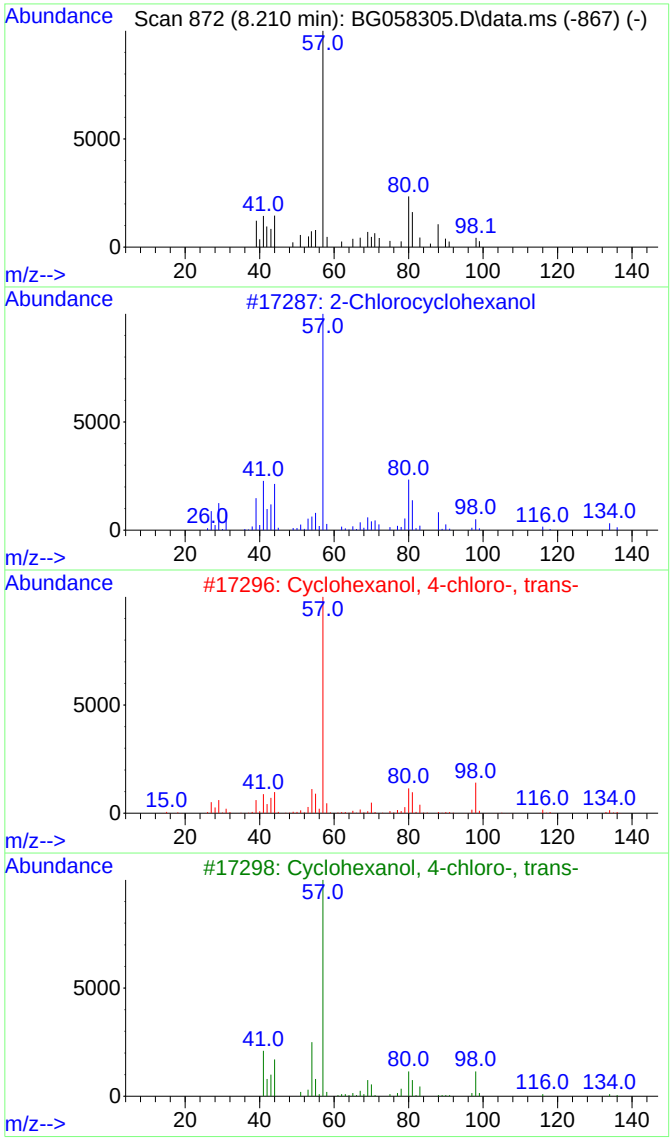
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

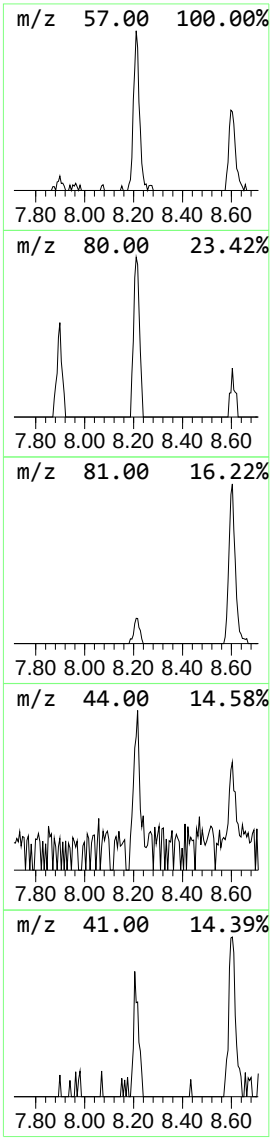
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	2.58 ng/ul	30194	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	56
2	Cyclohexanol, 4-chloro-, trans-	134	C6H11ClO	029538-77-0	25
3	Cyclohexanol, 4-chloro-, trans-	134	C6H11ClO	029538-77-0	23
4	3-Methyl-3-oxetanemethanol	102	C5H10O2	003143-02-0	12
5	Butanoic acid, 2-hydroxy-3,3-dim...	132	C6H12O3	004026-20-4	12





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

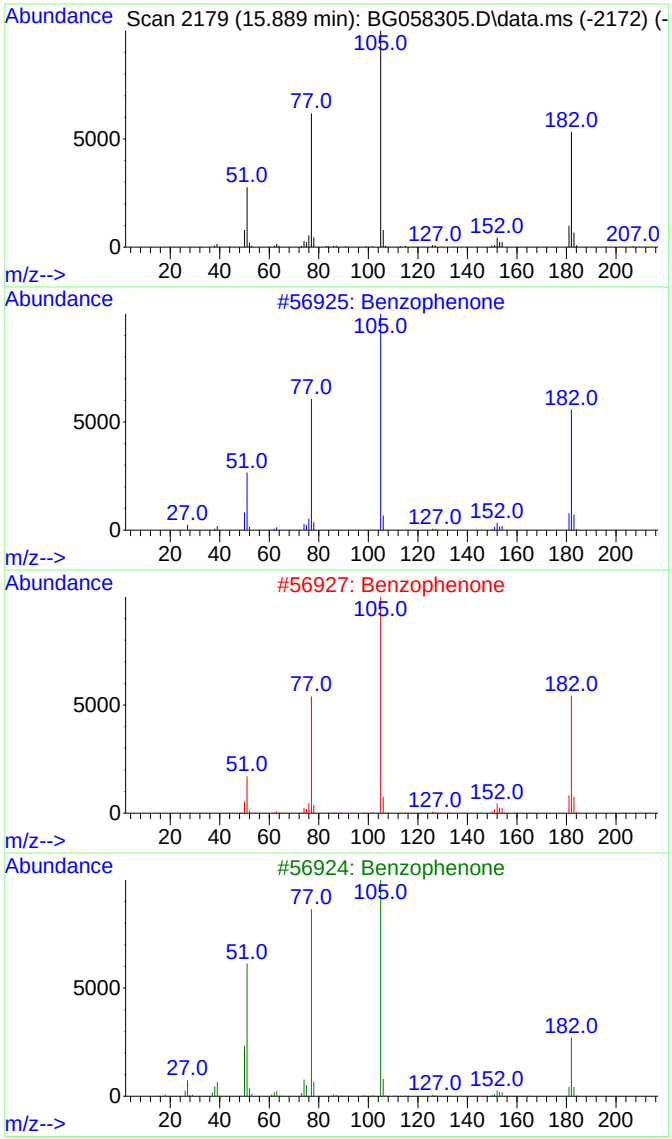
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

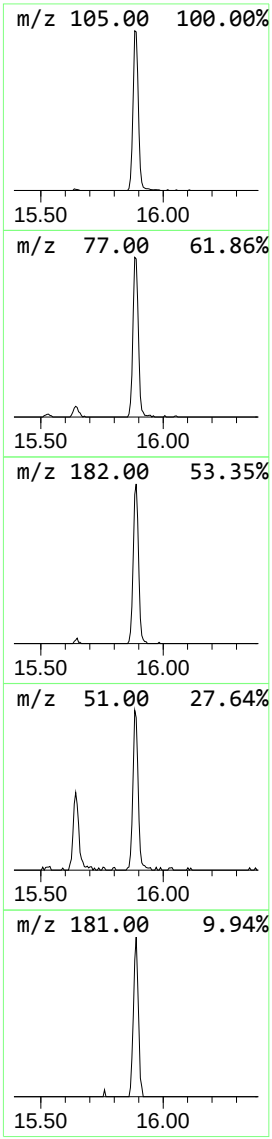
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.890	7.13 ng/ul	195263	Acenaphthene-d10	14.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	90





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ALS Vial : 15 Sample Multiplier: 1

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

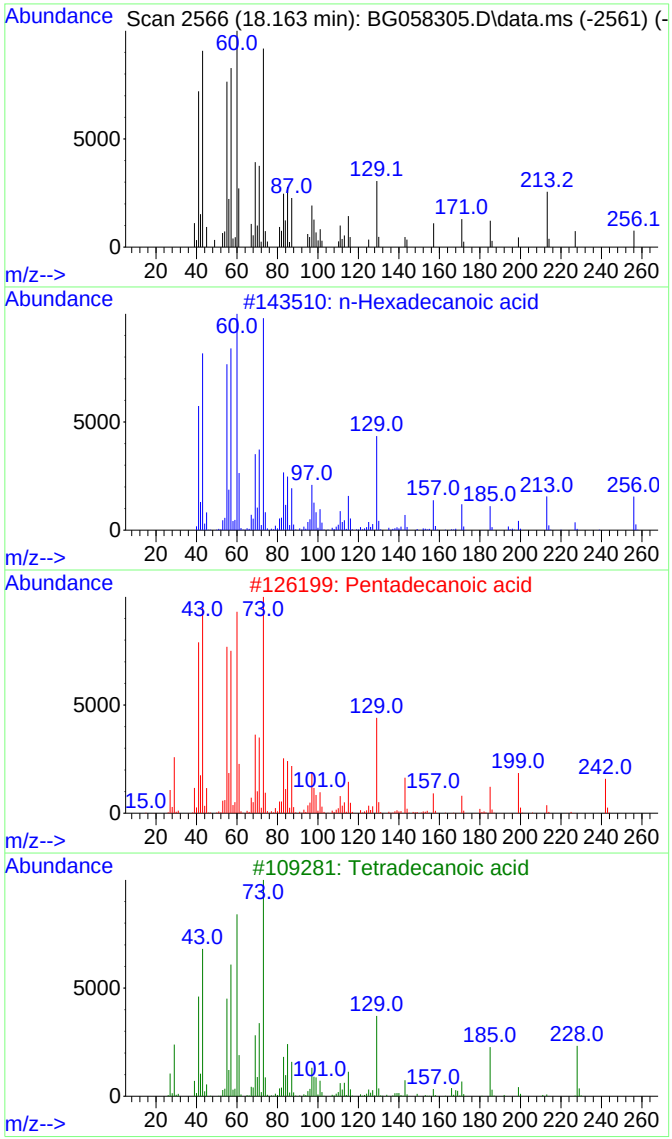
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

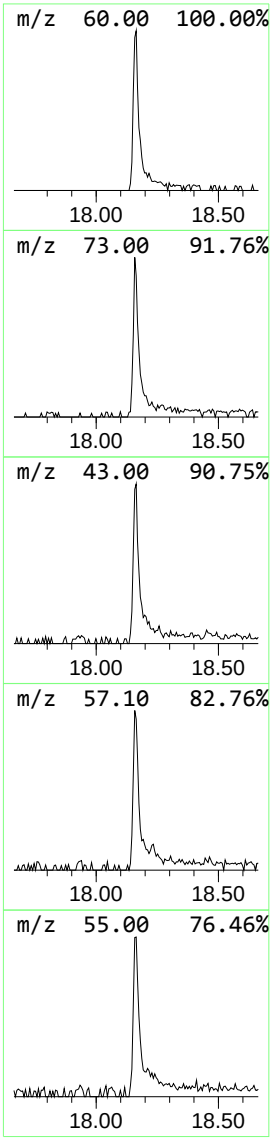
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	3.20 ng/ul	118032	Phenanthrene-d10	17.276

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





Tentatively Identified Compound (LSC) summary

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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
Cyclohexene	3.151	84.0	ng/ul	984533	1	7.899	234348	20.0
2-Chlorocyclohe...	8.210	2.6	ng/ul	30194	1	7.899	234348	20.0
Benzophenone	15.890	7.1	ng/ul	195263	3	14.532	547591	20.0
n-Hexadecanoic ...	18.163	3.2	ng/ul	118032	4	17.276	736736	20.0