LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043136.D
Acq On : 10 Oct 2019 14:10
Operator : JU
Sample : K5097-19
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLMF7

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\SOM-EPA-BG100919MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.161	7	12	20	rBV2	82079	155354	8.80%	0.925%
2	3.237	20	25	34	rVB	129578	198836	11.26%	1.184%
3	3.501	65	70	76	rVB4	10721	18942	1.07%	0.113%
4	5.164	349	353	362	rBV4	8296	13369	0.76%	0.080%
5	7.221	697	703	721	rBV2	132848	330363	18.71%	1.967%
6	7.379	724	730	742	rVB	110836	215157	12.18%	1.281%
7	7.591	758	766	777	rBV	168877	326360	18.48%	1.943%
8	8.055	836	845	856	rBV	149997	290261	16.44%	1.728%
9	8.766	958	966	979	rBV2	175282	398630	22.58%	2.374%
10	9.212	1034	1042	1056	rBV	159809	332405	18.82%	1.979%
11	9.406	1073	1075	1080	rVB2	1384	2323	0.13%	0.014%
12	9.641	1114	1115	1120	rVB	3498	3510	0.20%	0.021%
13	9.765	1133	1136	1141	rBV4	1454	2621	0.15%	0.016%
14	9.935	1157	1165	1177	rBV	143798	305333	17.29%	1.818%
15	10.487	1250	1259	1270	rBV	186989	420273	23.80%	2.503%
16	10.640	1284	1285	1292	rVV4	3040	5206	0.29%	0.031%
17	10.699	1292	1295	1298	rVB3	2440	3673	0.21%	0.022%
18	10.858	1315	1322	1331	rBV	227285	420272	23.80%	2.503%
19	10.999	1337	1346	1367	rBV	163800	430234	24.36%	2.562%
20	12.438	1589	1591	1595	rBV3	1833	2861	0.16%	0.017%
21	14.077	1863	1870	1875	rBV	530687	818612	46.36%	4.875%
22	14.124	1875	1878	1889	rVB	116025	182168	10.32%	1.085%
23	14.371	1912	1920	1937	rBV	562604	966346	54.73%	5.754%
24	14.677	1965	1972	1987	rBV	418884	694547	39.33%	4.136%
25	14.894	2001	2009	2026	rBV2	54877	218647	12.38%	1.302%
26	15.505	2110	2113	2115	rBV2	1909	2368	0.13%	0.014%
27	15.670	2133	2141	2153	rBV	707736	1238085	70.12%	7.372%
28	15.775	2153	2159	2170	rVV	172905	301286	17.06%	1.794%
29	15.905	2177	2181	2186	rVB5	9804	14112	0.80%	0.084%
30	16.457	2271	2275	2279	rVB2	3580	6345	0.36%	0.038%
31	16.880	2345	2347	2349	rBV	2271	2229	0.13%	0.013%
32	17.180	2393	2398	2401	rBV4	2129	3275	0.19%	0.020%
33	17.420	2430	2439	2449	rBV	565125	917232	51.94%	5.462%
34	17.520	2449	2456	2469	rVV	810354	1367205	77.43%	8.141%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043136.D
Acq On : 10 Oct 2019 14:10
Operator : JU
Sample : K5097-19
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLMF7

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\SOM-EPA-BG100919MA.M
Title : SVOA CALIBRATION

35	17.873	2513	2516	2519	rBV3	2430	3224	0.18%	0.019%
36	18.084	2549	2552	2554	rBV2	2203	2983	0.17%	0.018%
37	18.255	2578	2581	2584	rBV2	2421	3478	0.20%	0.021%
38	18.313	2586	2591	2595	rBV6	17846	34422	1.95%	0.205%
39	18.731	2659	2662	2664	rBV3	3901	3508	0.20%	0.021%
40	19.024	2710	2712	2715	rBV2	2195	2446	0.14%	0.015%
41	19.277	2753	2755	2758	rBV2	2512	2592	0.15%	0.015%
42	19.442	2780	2783	2787	rBV4	7931	12040	0.68%	0.072%
43	19.694	2822	2826	2830	rBV2	7761	11973	0.68%	0.071%
44	19.800	2838	2844	2864	rBV	1133084	1754055	99.34%	10.445%
45	20.058	2886	2888	2890	rBV3	2949	2687	0.15%	0.016%
46	20.329	2932	2934	2938	rVB5	7118	8296	0.47%	0.049%
47	21.328	3100	3104	3117	rBV3	67534	156030	8.84%	0.929%
48	21.574	3142	3146	3153	rVB	58987	81568	4.62%	0.486%
49	21.692	3159	3166	3175	rBV	582114	1061740	60.13%	6.322%
50	23.989	3553	3557	3563	rVB6	29740	50353	2.85%	0.300%
51	24.688	3665	3676	3690	rVB	628211	1765790	100.00%	10.515%
52	24.906	3704	3713	3731	rVB2	397454	1227861	69.54%	7.312%

Sum of corrected areas: 16793486

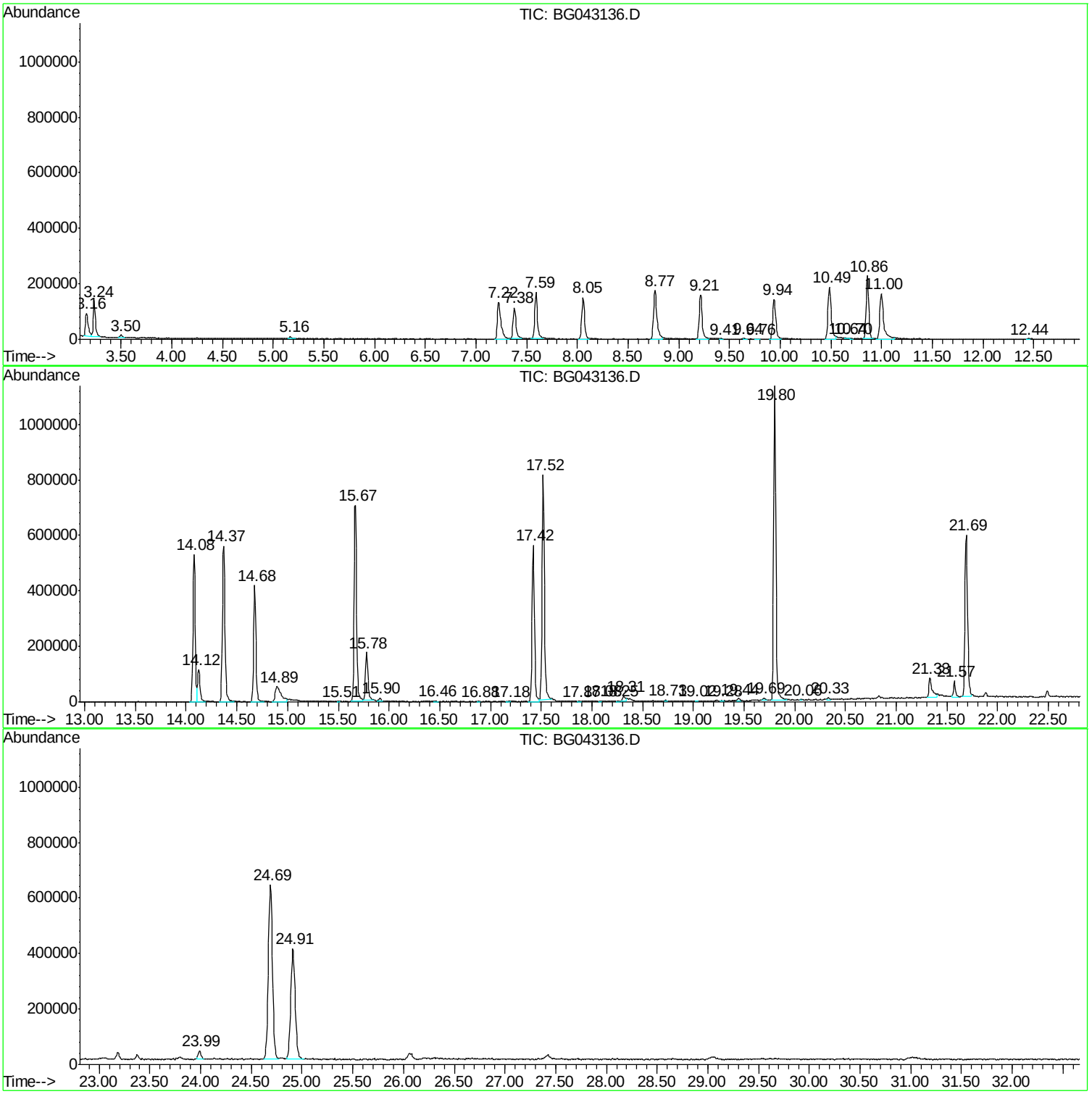
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043136.D
Acq On : 10 Oct 2019 14:10
Operator : JU
Sample : K5097-19
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLMF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043136.D
Acq On : 10 Oct 2019 14:10
Operator : JU
Sample : K5097-19
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLMF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

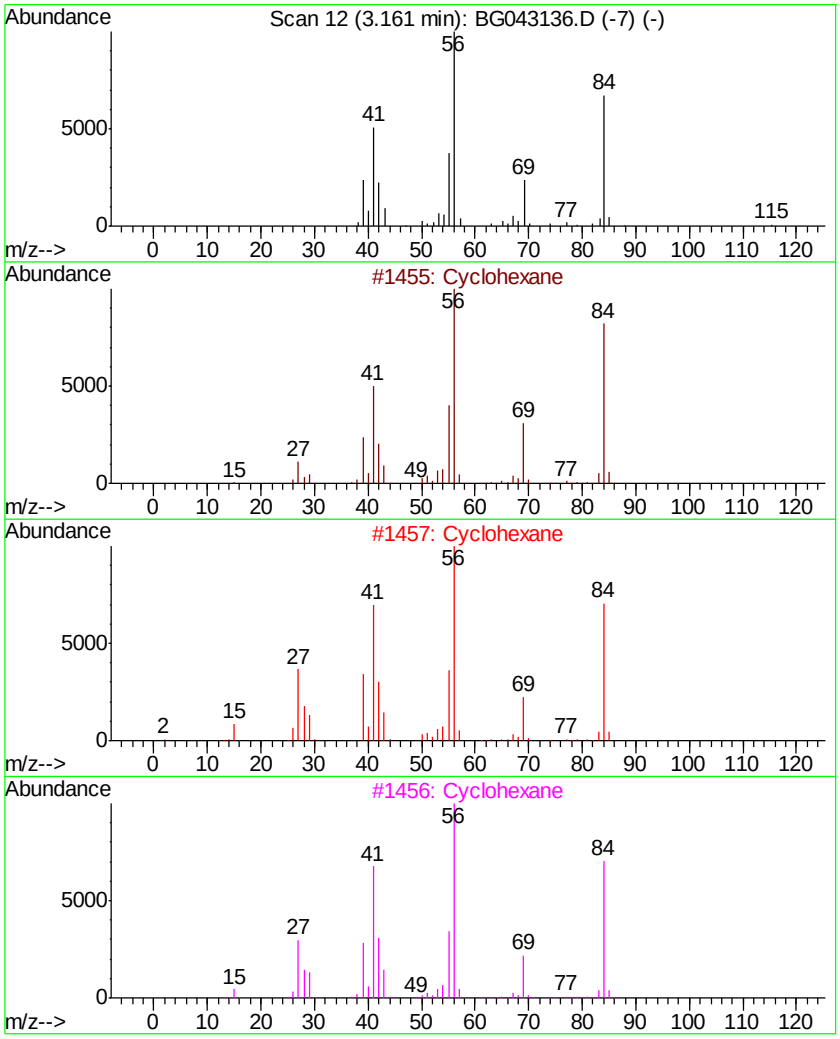
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

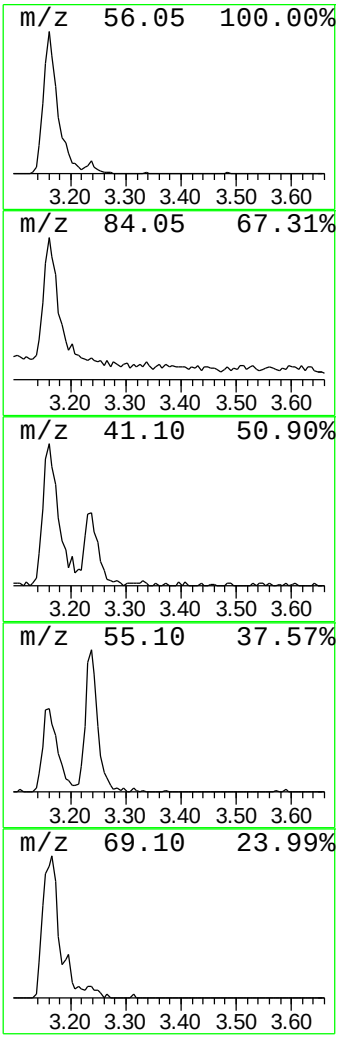
****

Peak Number 1 (DEL) Alkane: Cyclic3.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	10.70 ng/ul	155354	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
5	Cyclohexane	84	C6H12	000110-82-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043136.D
Acq On : 10 Oct 2019 14:10
Operator : JU
Sample : K5097-19
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLMF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

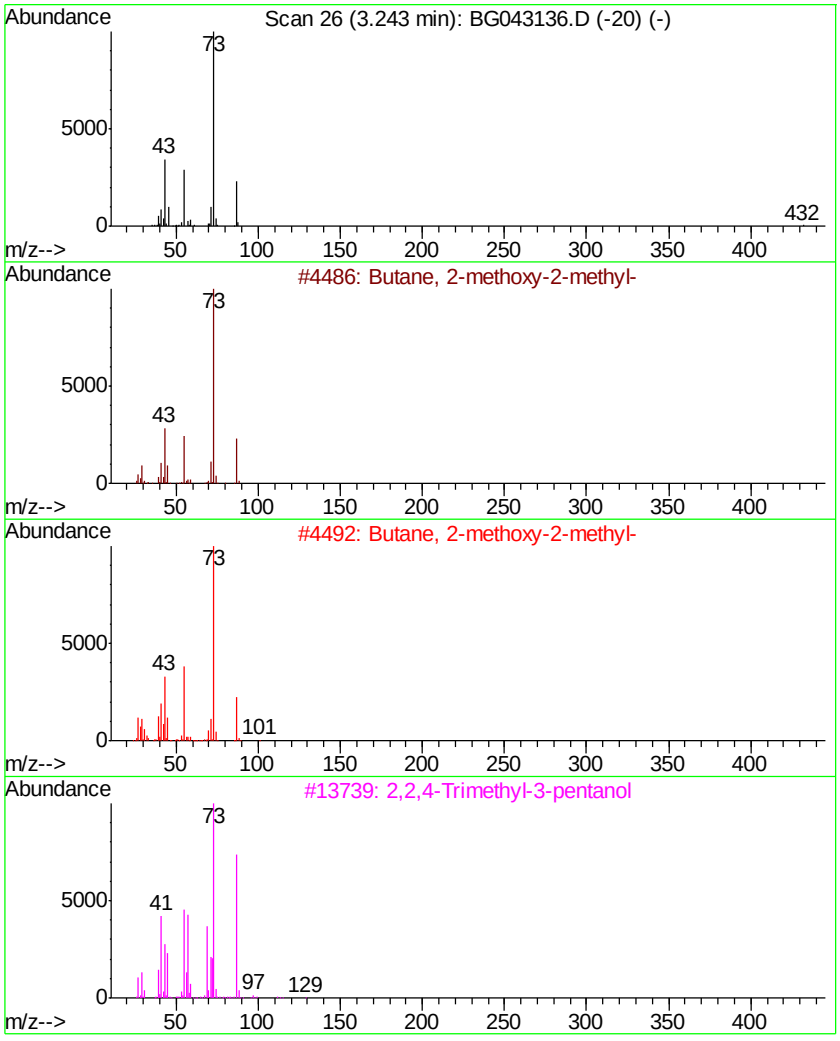
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

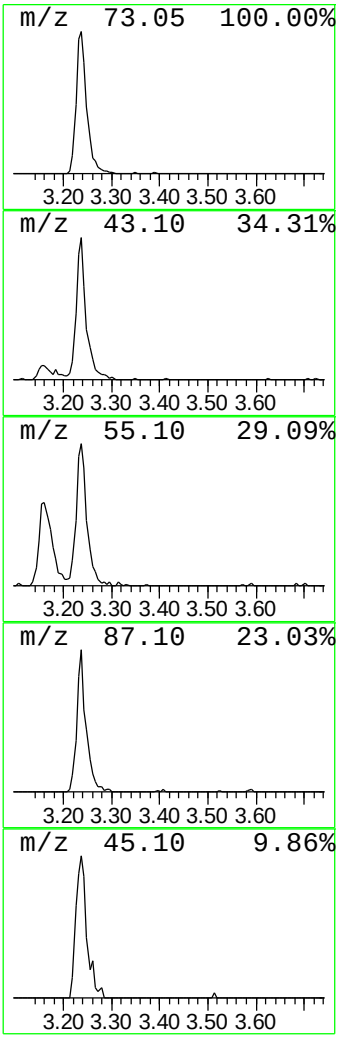
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	13.70 ng/ul	198836	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043136.D
Acq On : 10 Oct 2019 14:10
Operator : JU
Sample : K5097-19
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLMF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

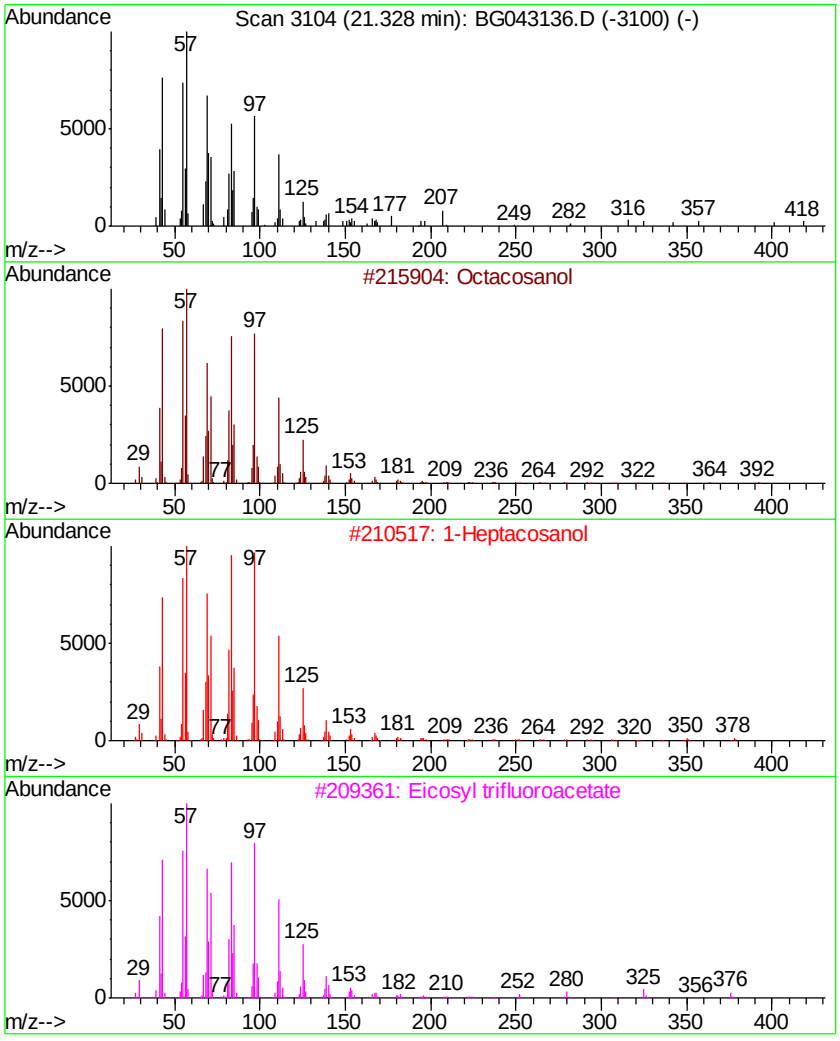
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

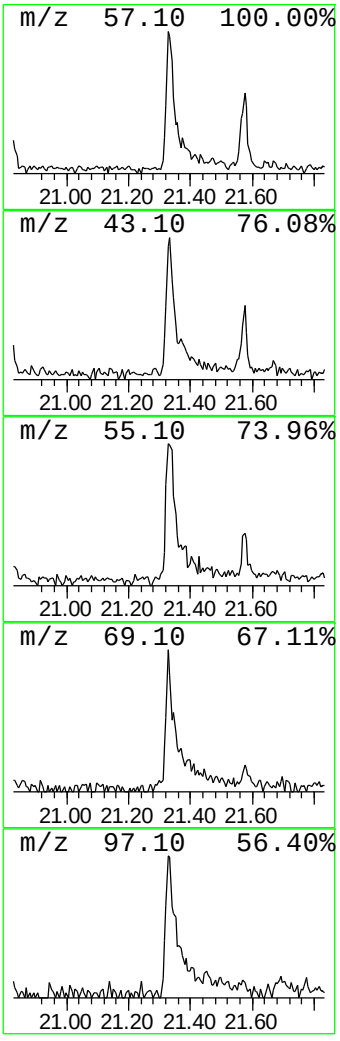
****

Peak Number 3 Octacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.94 ng/ul	156030	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	93
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100919\
Data File : BG043136.D
Acq On : 10 Oct 2019 14:10
Operator : JU
Sample : K5097-19
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLMF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.16	10.7	ng/ul	155354	1	8.05	290261	20.0
Butane, 2-methoxy...	3.24	13.7	ng/ul	198836	1	8.05	290261	20.0
Octacosanol	21.33	2.9	ng/ul	156030	5	21.69	1061740	20.0