LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012818\
Data File : BG032400.D
Acq On : 28 Jan 2018 22:11
Operator : SJ/JU
Sample : J1296-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F6C31

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:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.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	3.378	10	15	23	rBV4	9315	17339	1.56%	0.181%
2	3.466	25	30	42	rVB	228523	369505	33.27%	3.863%
3	3.654	60	62	69	rVB3	1775	2221	0.20%	0.023%
4	3.784	78	84	87	rVB3	4637	7217	0.65%	0.075%
5	4.506	205	207	209	rBV2	1411	1543	0.14%	0.016%
6	5.640	393	400	406	rBB2	1262	2886	0.26%	0.030%
7	7.826	765	772	785	rBV	77461	148494	13.37%	1.552%
8	8.008	796	803	813	rBB	50086	88429	7.96%	0.924%
9	8.231	834	841	849	rBV	88209	154969	13.96%	1.620%
10	8.719	917	924	935	rBB	83921	149409	13.45%	1.562%
11	9.418	1037	1043	1055	rBV	102839	188574	16.98%	1.971%
12	9.912	1120	1127	1138	rBB	76514	144396	13.00%	1.510%
13	10.270	1185	1188	1192	rBV2	2144	3118	0.28%	0.033%
14	10.652	1247	1253	1263	rBB	77935	141660	12.76%	1.481%
15	11.198	1339	1346	1357	rBV	121224	220553	19.86%	2.306%
16	11.598	1407	1414	1422	rBV	113310	207957	18.73%	2.174%
17	11.721	1428	1435	1445	rBV	104178	198429	17.87%	2.074%
18	13.149	1673	1678	1681	rBV	1593	2446	0.22%	0.026%
19	14.142	1842	1847	1851	rBB	1431	1765	0.16%	0.018%
20	14.735	1941	1948	1952	rBV	236927	369524	33.28%	3.863%
21	14.777	1952	1955	1963	rVB	86022	122296	11.01%	1.278%
22	15.053	1995	2002	2012	rBV	262905	429628	38.69%	4.491%
23	15.194	2021	2026	2032	rBB2	4837	6813	0.61%	0.071%
24	15.352	2046	2053	2064	rVB2	196962	335115	30.18%	3.503%
25	15.505	2073	2079	2087	rBV	93251	156053	14.05%	1.631%
26	15.811	2127	2131	2133	rVB	1337	1479	0.13%	0.015%
27	16.093	2175	2179	2183	rBV2	2111	3977	0.36%	0.042%
28	16.134	2183	2186	2193	rVB2	8297	10457	0.94%	0.109%
29	16.334	2212	2220	2230	rBV	383697	587160	52.87%	6.138%
30	16.433	2230	2237	2244	rVV	125669	189310	17.05%	1.979%
31	16.527	2247	2253	2254	rVV	2296	3385	0.30%	0.035%
32	16.574	2257	2261	2267	rVB	4673	6870	0.62%	0.072%
33	16.686	2276	2280	2281	rBV	1079	1350	0.12%	0.014%
34	16.757	2290	2292	2300	rVB	1160	1588	0.14%	0.017%

LSC Area Percent Report

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Sample : J1296-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F6C31

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:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Title : SVOA CALIBRATION

35	16.992	2328	2332	2340	rVB4	8014	13804	1.24%	0.144%
36	17.338	2389	2391	2395	rVB2	1775	1939	0.17%	0.020%
37	17.779	2461	2466	2470	rBB2	5840	7848	0.71%	0.082%
38	17.832	2473	2475	2478	rVV2	2322	2486	0.22%	0.026%
39	17.879	2478	2483	2489	rVB	1441	2912	0.26%	0.030%
40	18.084	2512	2518	2526	rBV	315283	507595	45.71%	5.306%
41	18.184	2528	2535	2545	rVV2	460233	728427	65.60%	7.615%
42	18.513	2587	2591	2596	rBV2	2618	3252	0.29%	0.034%
43	18.907	2651	2658	2666	rBV2	36898	55164	4.97%	0.577%
44	19.060	2680	2684	2686	rBV2	1267	1397	0.13%	0.015%
45	19.236	2711	2714	2716	rBV3	1437	2056	0.19%	0.021%
46	19.483	2752	2756	2759	rBV	1187	1656	0.15%	0.017%
47	19.900	2823	2827	2830	rBV	823	1378	0.12%	0.014%
48	20.059	2850	2854	2859	rVB3	6869	9859	0.89%	0.103%
49	20.141	2862	2868	2873	rBV4	10771	15944	1.44%	0.167%
50	20.317	2894	2898	2903	rBV	5810	7984	0.72%	0.083%
51	20.423	2909	2916	2925	rBV	704772	1040548	93.70%	10.878%
52	21.046	3021	3022	3025	rBV3	1711	1425	0.13%	0.015%
53	21.122	3033	3035	3038	rBV2	1329	1578	0.14%	0.016%
54	21.181	3043	3045	3048	rBV4	1357	1437	0.13%	0.015%
55	21.304	3062	3066	3068	rBV3	2041	2638	0.24%	0.028%
56	21.428	3085	3087	3089	rBV2	1420	1347	0.12%	0.014%
57	21.827	3153	3155	3159	rBV3	2470	2435	0.22%	0.025%
58	21.898	3164	3167	3169	rVB4	3018	3851	0.35%	0.040%
59	21.956	3169	3177	3186	rBV4	41708	83576	7.53%	0.874%
60	22.415	3247	3255	3263	rBV2	437191	780557	70.29%	8.160%
61	22.961	3346	3348	3349	rBV2	1789	1532	0.14%	0.016%
62	23.243	3394	3396	3398	rBV3	2602	2732	0.25%	0.029%
63	23.325	3407	3410	3412	rBV3	2418	2375	0.21%	0.025%
64	23.396	3420	3422	3423	rBV2	1795	1595	0.14%	0.017%
65	23.748	3480	3482	3483	rBV2	2050	1414	0.13%	0.015%
66	23.866	3500	3502	3506	rVB4	2411	2893	0.26%	0.030%
67	24.712	3644	3646	3647	rVB2	2890	1512	0.14%	0.016%
68	24.800	3658	3661	3664	rBV5	4040	4586	0.41%	0.048%
69	24.876	3672	3674	3677	rBV3	2001	1726	0.16%	0.018%
70	24.982	3684	3692	3697	rVB7	7812	20822	1.88%	0.218%
71	25.840	3826	3838	3852	rVB2	348958	1110478	100.00%	11.609%

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Instrument : BNA_G
ClientSampleId : F6C31

Integration Parameters: LSCINT.P
Integrator: RTE
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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:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Title : SVOA CALIBRATION

72	26.093	3869	3881	3895	rBV3	250927	815597	73.45%	8.526%
73	26.962	4026	4029	4030	rBV2	2344	1844	0.17%	0.019%
74	27.385	4094	4101	4108	rBV9	9358	26076	2.35%	0.273%
75	28.167	4232	4234	4235	rBV2	2455	1558	0.14%	0.016%
76	30.681	4660	4662	4663	rBV2	2443	1545	0.14%	0.016%
77	30.828	4685	4687	4688	rBV2	2946	2293	0.21%	0.024%
78	30.999	4714	4716	4719	rBV4	2417	2790	0.25%	0.029%
79	31.151	4741	4742	4745	rVB3	2380	1557	0.14%	0.016%
80	31.469	4794	4796	4797	rBV2	2199	1814	0.16%	0.019%

Sum of corrected areas: 9565747

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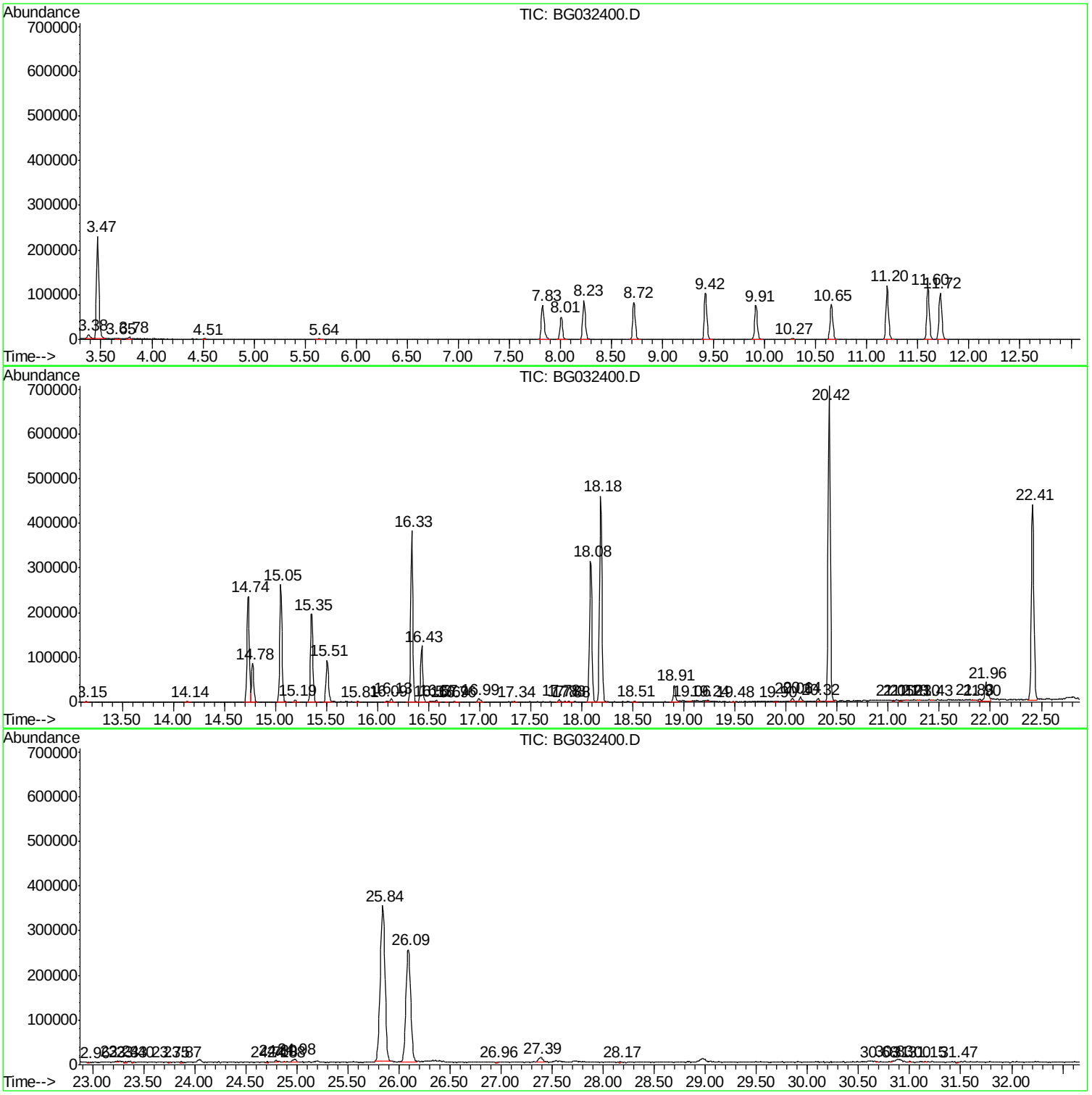
Instrument :
BNA_G
ClientSampleId :
F6C31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012818\
Data File : BG032400.D
Acq On : 28 Jan 2018 22:11
Operator : SJ/JU
Sample : J1296-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F6C31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

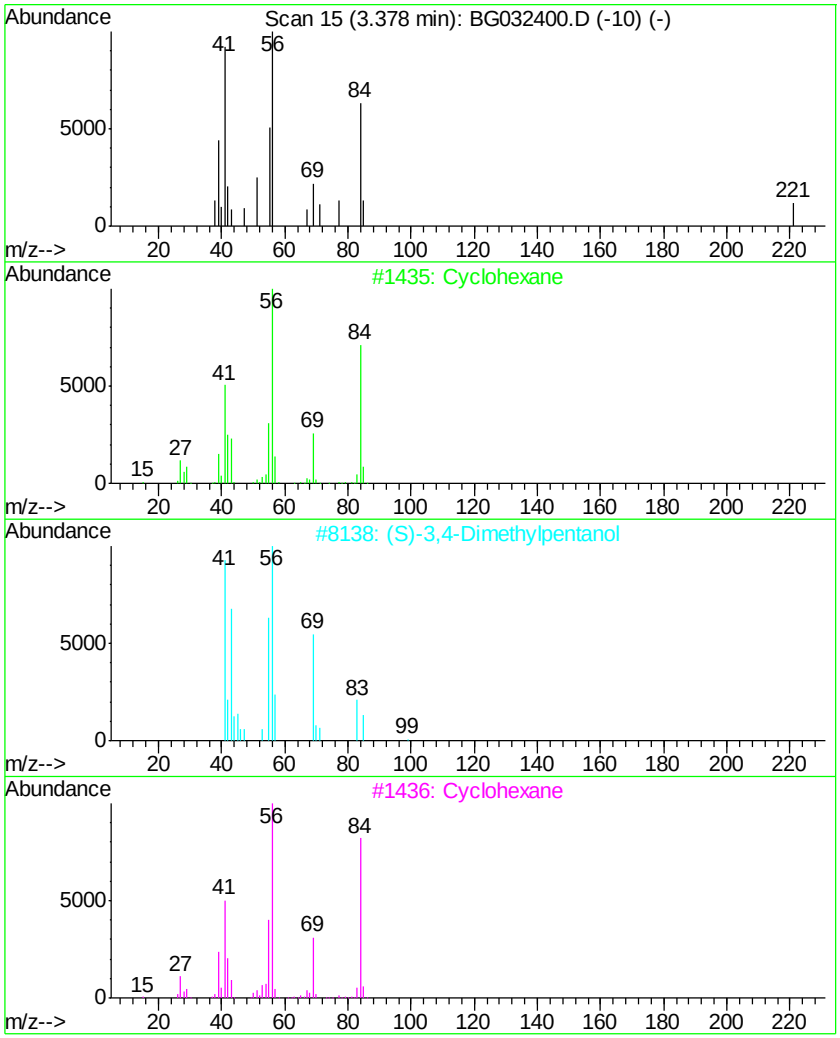
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

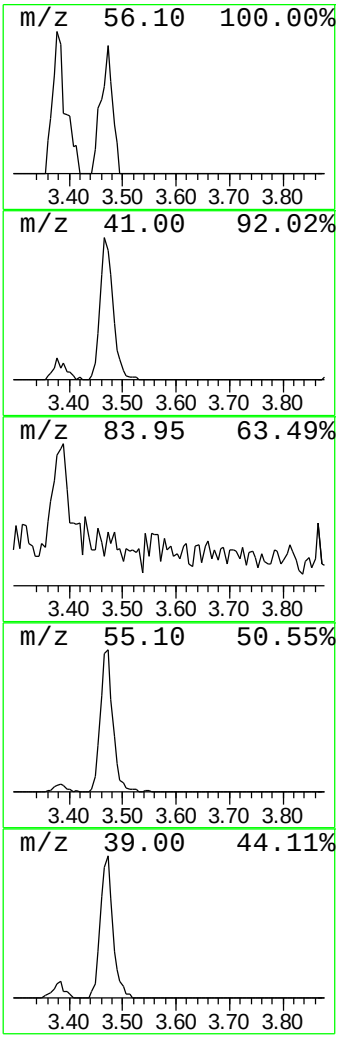
****

Peak Number 1 (DEL) Alkane: Cyclic3.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	2.32 ng/ul	17339	1,4-Dichlorobenzene-d4	8.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	47
2	(S)-3,4-Dimethylpentanol	116	C7H16O	1000143-83-9	38
3	Cyclohexane	84	C6H12	000110-82-7	38
4	Cyclohexane	84	C6H12	000110-82-7	37
5	Pentane, 2-cyclopropyl-	112	C8H16	005458-16-2	32





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Quant Title : SVOA CALIBRATION

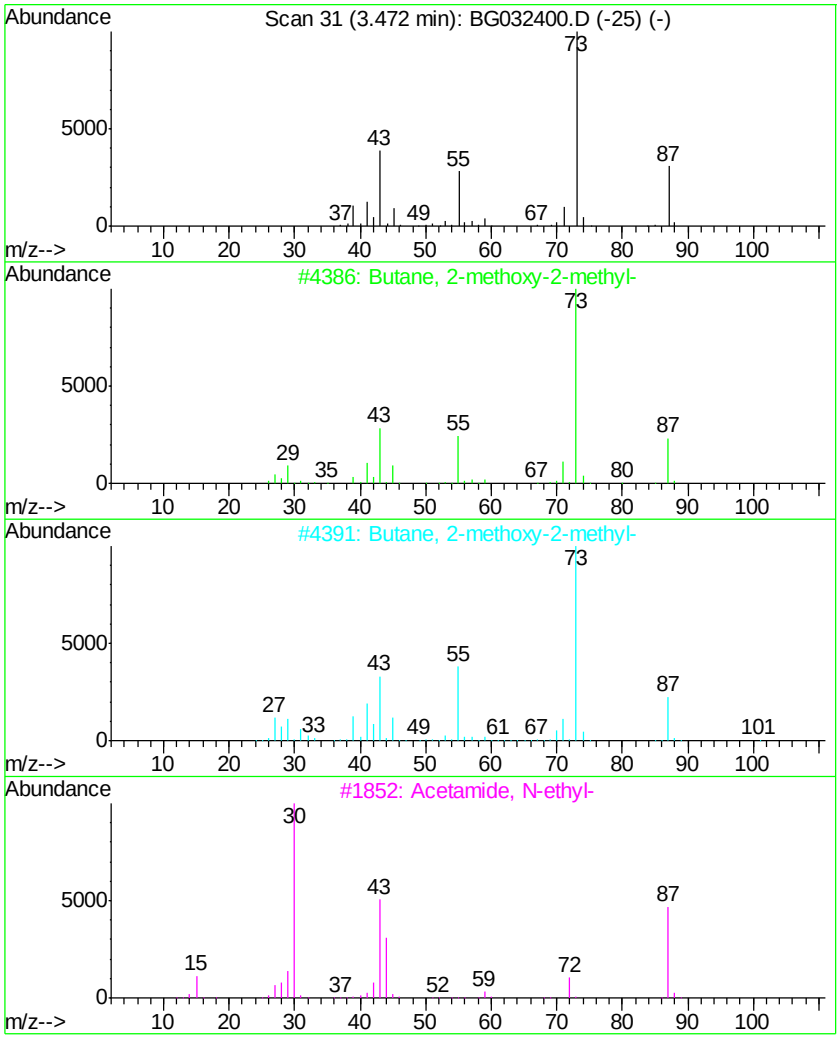
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

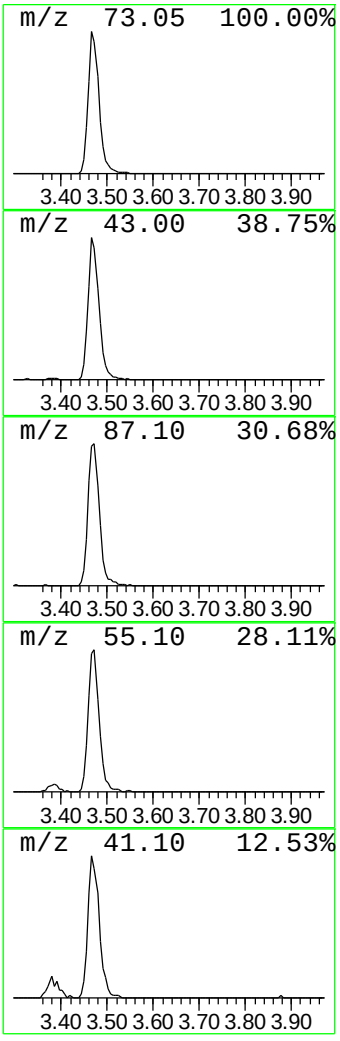
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	49.46 ng/ul	369505	1,4-Dichlorobenzene-d4	8.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
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

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Instrument : BNA_G
ClientSampleId : F6C31

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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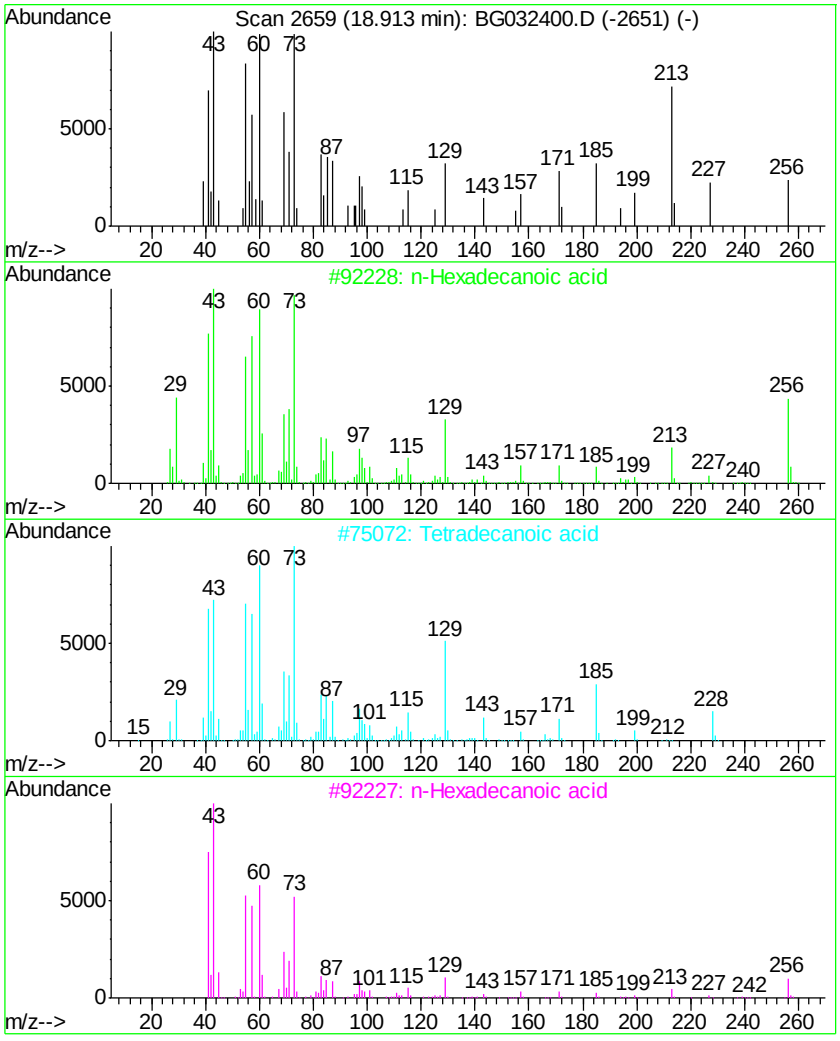
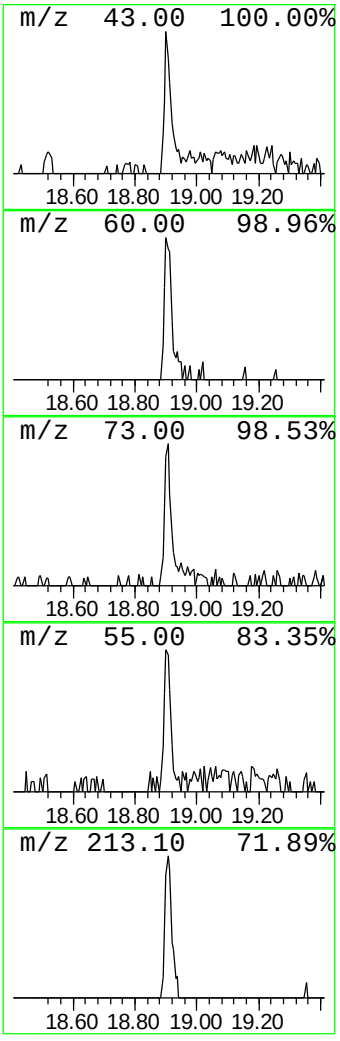
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	2.17 ng/ul	55164	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
4	Tridecanoic acid	214	C13H26O2	000638-53-9	43
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	38





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

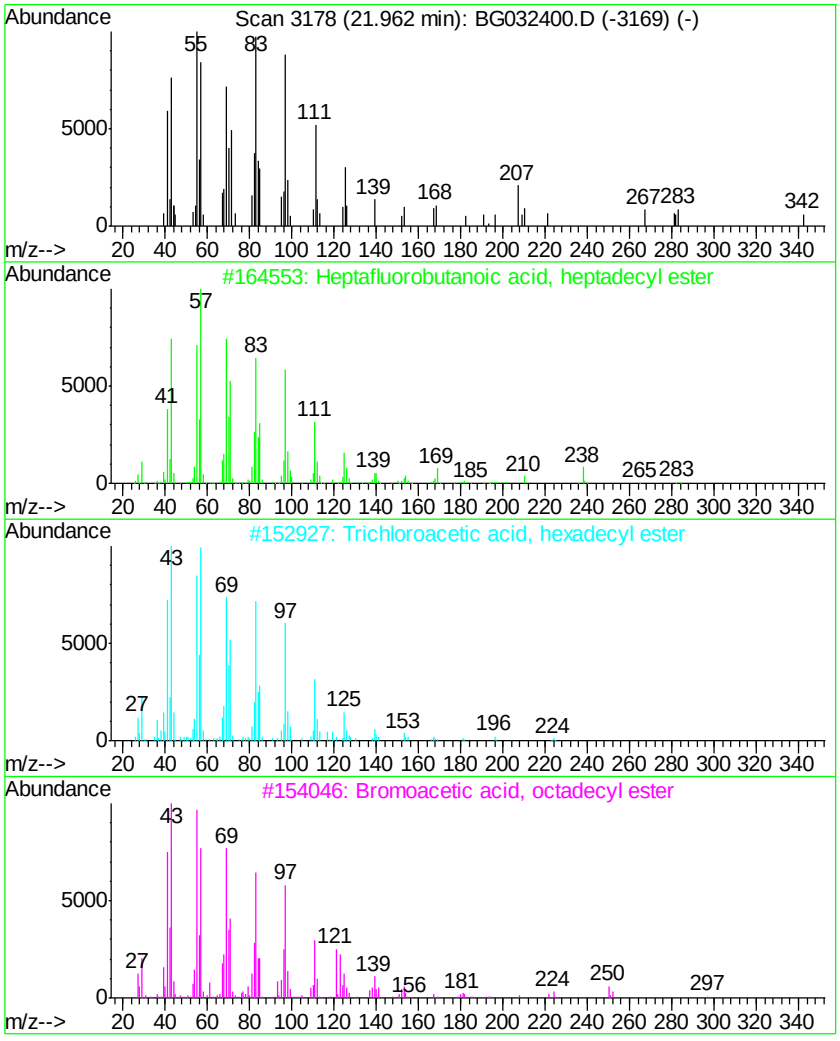
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

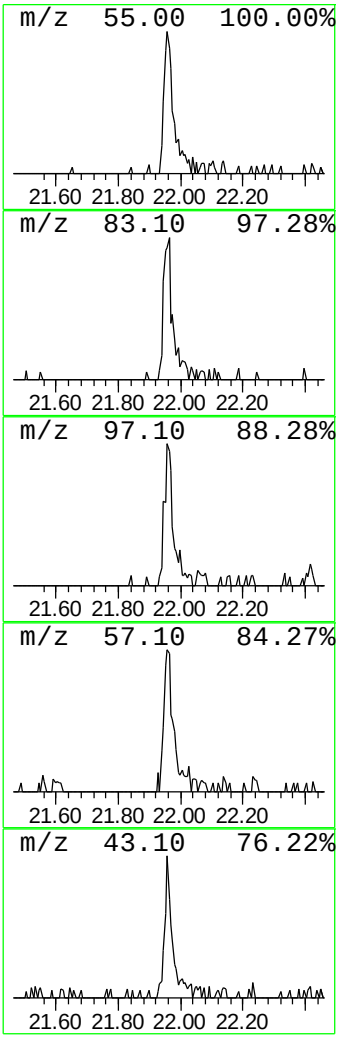
****

Peak Number 4 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	2.14 ng/ul	83576	Chrysene-d12	22.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	72





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.38	2.3	ng/ul	17339	1	8.72	149409	20.0
Butane, 2-methoxy...	3.47	49.5	ng/ul	369505	1	8.72	149409	20.0
n-Hexadecanoic acid	18.91	2.2	ng/ul	55164	4	18.08	507595	20.0
Heptafluorobutano...	21.96	2.1	ng/ul	83576	5	22.41	780557	20.0