LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001956.D
Acq On : 16 Jul 2015 21:08
Operator : TP/UM
Sample : G2998-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01F6

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_M\METHODS\SOM02.2-EPA-BM071315.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	2.793	13	18	27	rBV	214627	376773	15.82%	1.342%
2	2.869	27	31	48	rVB	388365	518057	21.75%	1.846%
3	3.128	71	75	81	rBV	19573	24842	1.04%	0.089%
4	3.399	118	121	129	rBV	6552	8972	0.38%	0.032%
5	3.681	166	169	172	rBV	4473	5390	0.23%	0.019%
6	3.863	194	200	205	rBV2	1693	3313	0.14%	0.012%
7	4.763	348	353	359	rVB3	4686	7971	0.33%	0.028%
8	6.822	696	703	714	rBB	412373	650153	27.30%	2.316%
9	6.993	725	732	739	rVB	324823	482779	20.27%	1.720%
10	7.181	758	764	774	rBB	441235	665742	27.95%	2.372%
11	7.651	838	844	851	rBB	337042	515331	21.64%	1.836%
12	8.357	957	964	972	rBV	558718	864914	36.32%	3.081%
13	8.810	1035	1041	1049	rBB	404528	650839	27.33%	2.319%
14	8.916	1056	1059	1066	rBB	1823	3145	0.13%	0.011%
15	9.528	1156	1163	1172	rBV	354867	583392	24.49%	2.078%
16	10.063	1247	1254	1264	rBV	559000	928155	38.97%	3.307%
17	10.439	1311	1318	1327	rBV	485803	776198	32.59%	2.765%
18	10.586	1335	1343	1354	rBV	476156	838609	35.21%	2.988%
19	12.651	1691	1694	1696	rVB	2506	2542	0.11%	0.009%
20	12.898	1732	1736	1741	rBV2	4694	6164	0.26%	0.022%
21	13.722	1870	1876	1880	rBV	969304	1330171	55.85%	4.739%
22	13.769	1880	1884	1890	rVB	459821	603377	25.33%	2.150%
23	13.998	1916	1923	1930	rBV	1096584	1610978	67.64%	5.739%
24	14.204	1954	1958	1961	rVB	7580	8587	0.36%	0.031%
25	14.310	1969	1976	1983	rVB2	728837	1076273	45.19%	3.834%
26	14.516	2005	2011	2024	rBV	456817	648327	27.22%	2.310%
27	14.669	2034	2037	2040	rVB3	2936	3432	0.14%	0.012%
28	15.104	2107	2111	2115	rBV	5576	7228	0.30%	0.026%
29	15.157	2115	2120	2125	rVB2	19844	24426	1.03%	0.087%
30	15.304	2139	2145	2153	rVB	1433281	1982409	83.24%	7.063%
31	15.427	2161	2166	2173	rVB	284957	397860	16.70%	1.417%
32	15.545	2181	2186	2194	rBV4	8514	16489	0.69%	0.059%
33	15.716	2211	2215	2220	rVB2	1878	2523	0.11%	0.009%
34	15.774	2222	2225	2230	rBV2	1997	2678	0.11%	0.010%

LSC Area Percent Report

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Data File : BM001956.D
Acq On : 16 Jul 2015 21:08
Operator : TP/UM
Sample : G2998-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01F6

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_M\METHODS\SOM02.2-EPA-BM071315.M
Title : SVOA CALIBRATION

35	16.021	2263	2267	2275	rBV2	27958	45960	1.93%	0.164%
36	16.363	2321	2325	2329	rBV3	3330	5564	0.23%	0.020%
37	16.451	2338	2340	2344	rVV	3092	4614	0.19%	0.016%
38	16.533	2347	2354	2356	rBV3	2494	3910	0.16%	0.014%
39	16.598	2361	2365	2367	rBV3	2118	2708	0.11%	0.010%
40	16.627	2367	2370	2375	rVB	1797	2613	0.11%	0.009%
41	16.815	2396	2402	2405	rBV	25352	33863	1.42%	0.121%
42	16.862	2405	2410	2414	rVB4	6686	12972	0.54%	0.046%
43	16.951	2420	2425	2430	rBV3	2065	2867	0.12%	0.010%
44	17.057	2437	2443	2449	rBV	936604	1298762	54.53%	4.627%
45	17.157	2453	2460	2466	rVV	1471508	2076170	87.17%	7.397%
46	17.227	2467	2472	2479	rVB3	3847	6550	0.28%	0.023%
47	17.280	2479	2481	2485	rBV2	1841	2597	0.11%	0.009%
48	17.345	2490	2492	2501	rVB3	2604	4621	0.19%	0.016%
49	17.445	2505	2509	2510	rVV2	2626	3158	0.13%	0.011%
50	17.462	2510	2512	2516	rVB2	3128	4169	0.18%	0.015%
51	17.551	2523	2527	2532	rBV	21817	25420	1.07%	0.091%
52	17.727	2552	2557	2562	rVB4	4395	5742	0.24%	0.020%
53	17.827	2570	2574	2578	rBV4	3609	6123	0.26%	0.022%
54	17.951	2589	2595	2610	rBV	223208	313323	13.16%	1.116%
55	18.245	2641	2645	2650	rVB3	5809	8704	0.37%	0.031%
56	18.380	2663	2668	2671	rVB	7175	7331	0.31%	0.026%
57	18.621	2706	2709	2712	rBV4	2002	2505	0.11%	0.009%
58	18.709	2721	2724	2726	rBV3	2344	2444	0.10%	0.009%
59	19.086	2785	2788	2789	rBV2	2856	2922	0.12%	0.010%
60	19.115	2789	2793	2801	rVB5	5175	10763	0.45%	0.038%
61	19.233	2808	2813	2818	rBV	44441	61106	2.57%	0.218%
62	19.345	2828	2832	2835	rVB	12073	12036	0.51%	0.043%
63	19.386	2835	2839	2844	rVB3	10955	12655	0.53%	0.045%
64	19.456	2844	2851	2857	rBV	1780313	2381692	100.00%	8.485%
65	19.733	2896	2898	2901	rVB4	2825	2871	0.12%	0.010%
66	19.986	2936	2941	2946	rBV7	10279	21960	0.92%	0.078%
67	20.362	3003	3005	3006	rBV2	3095	2662	0.11%	0.009%
68	20.380	3006	3008	3013	rVB4	10233	11852	0.50%	0.042%
69	20.433	3015	3017	3024	rVB7	10290	12361	0.52%	0.044%
70	20.498	3024	3028	3031	rBV4	10121	15308	0.64%	0.055%
71	20.603	3042	3046	3051	rBV4	7909	11981	0.50%	0.043%

LSC Area Percent Report

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Sample : G2998-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01F6

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_M\METHODS\SOM02.2-EPA-BM071315.M
Title : SVOA CALIBRATION

72	20.962	3102	3107	3118	rBV	361820	592660	24.88%	2.111%
73	21.045	3118	3121	3125	rVB3	18653	24962	1.05%	0.089%
74	21.162	3139	3141	3147	rVB4	10796	14959	0.63%	0.053%
75	21.250	3147	3156	3162	rBV	1305336	1637970	68.77%	5.836%
76	21.362	3172	3175	3178	rBV4	12726	16308	0.68%	0.058%
77	21.639	3220	3222	3223	rBV2	7872	4768	0.20%	0.017%
78	22.409	3349	3353	3359	rVB	90655	123632	5.19%	0.440%
79	23.333	3502	3510	3523	rVB2	1041463	2040432	85.67%	7.269%
80	23.474	3527	3534	3542	rVB	739736	1382383	58.04%	4.925%
81	24.080	3631	3637	3648	rBV6	53817	159873	6.71%	0.570%

Sum of corrected areas: 28068845

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Misc :
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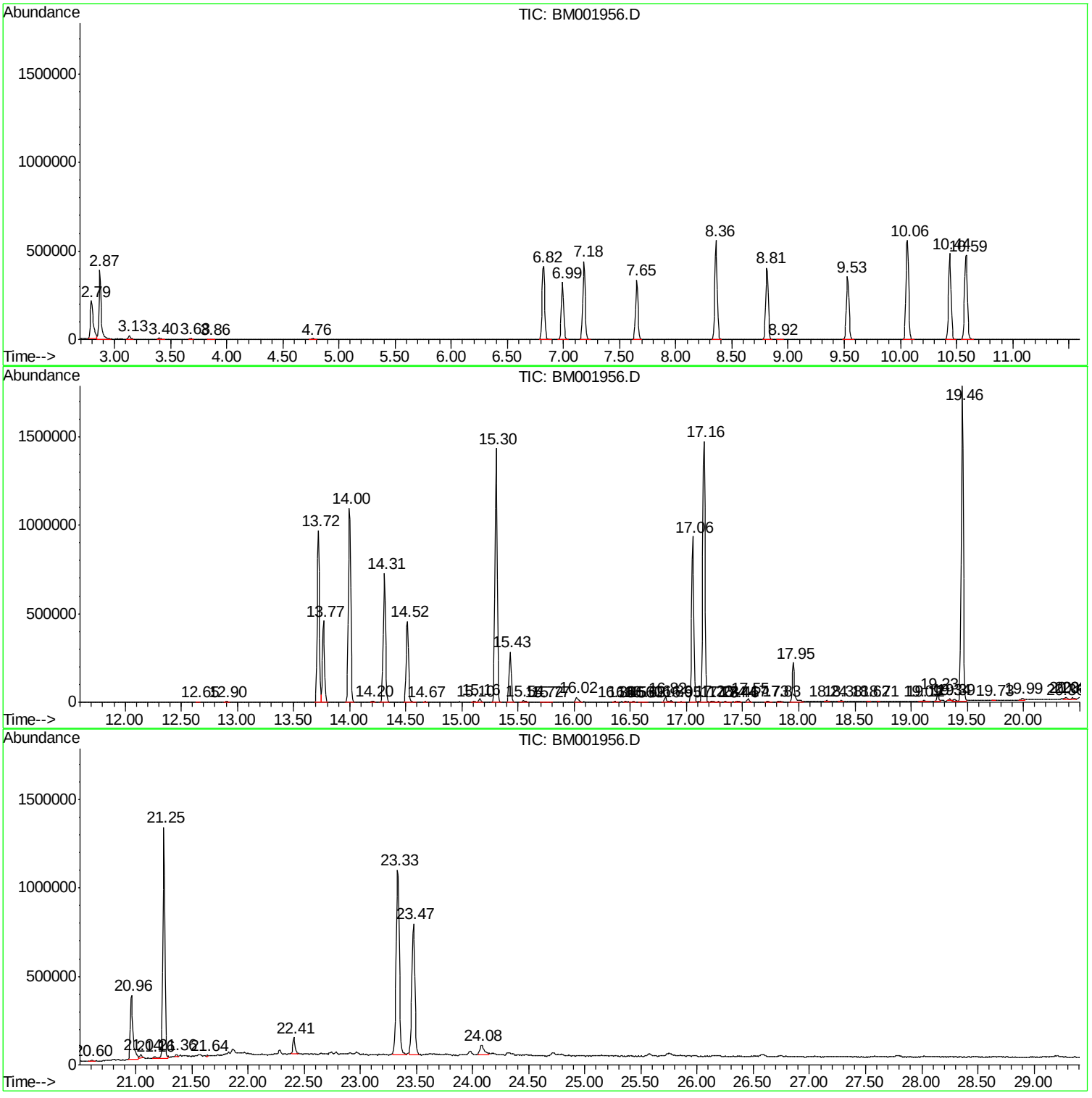
Instrument :
BNA_M
ClientSampleId :
C01F6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
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Operator : TP/UM
Sample : G2998-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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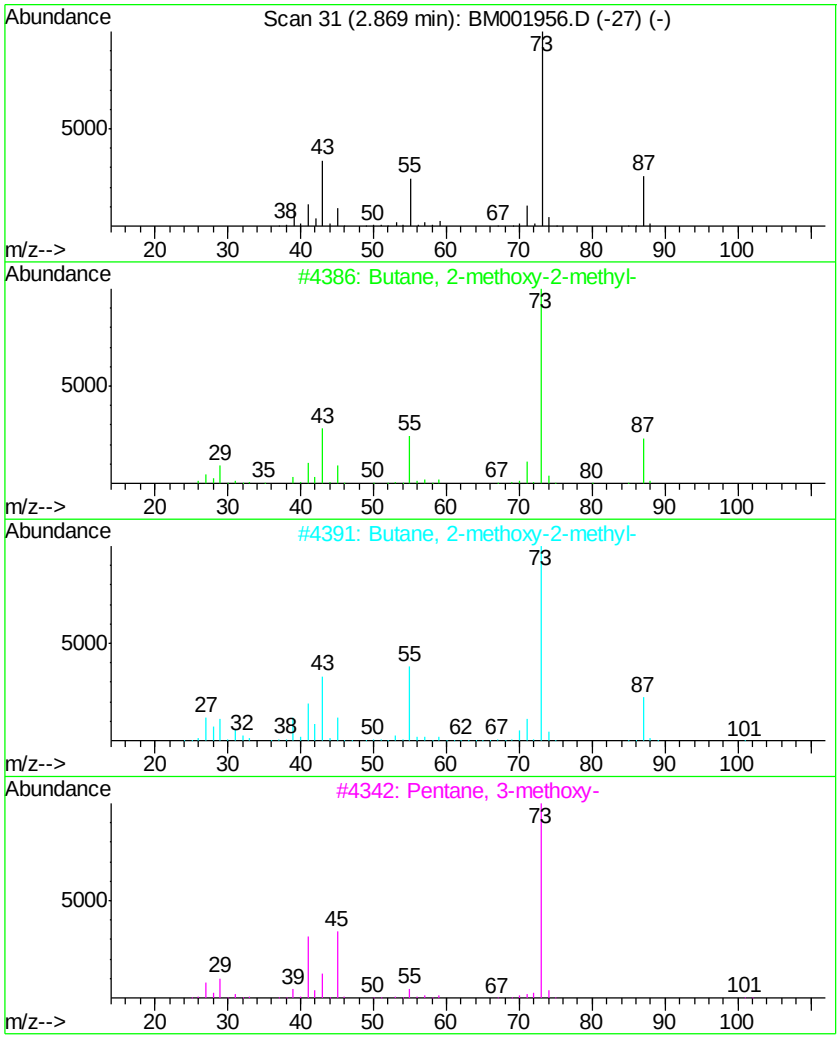
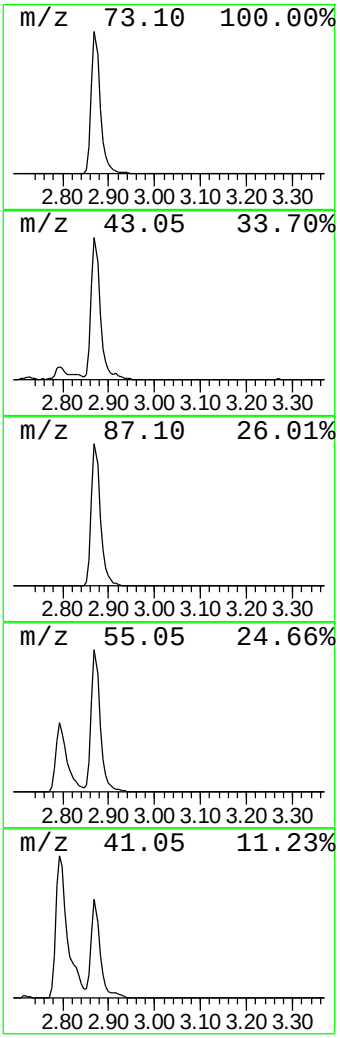
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	20.11 ng/ul	518057	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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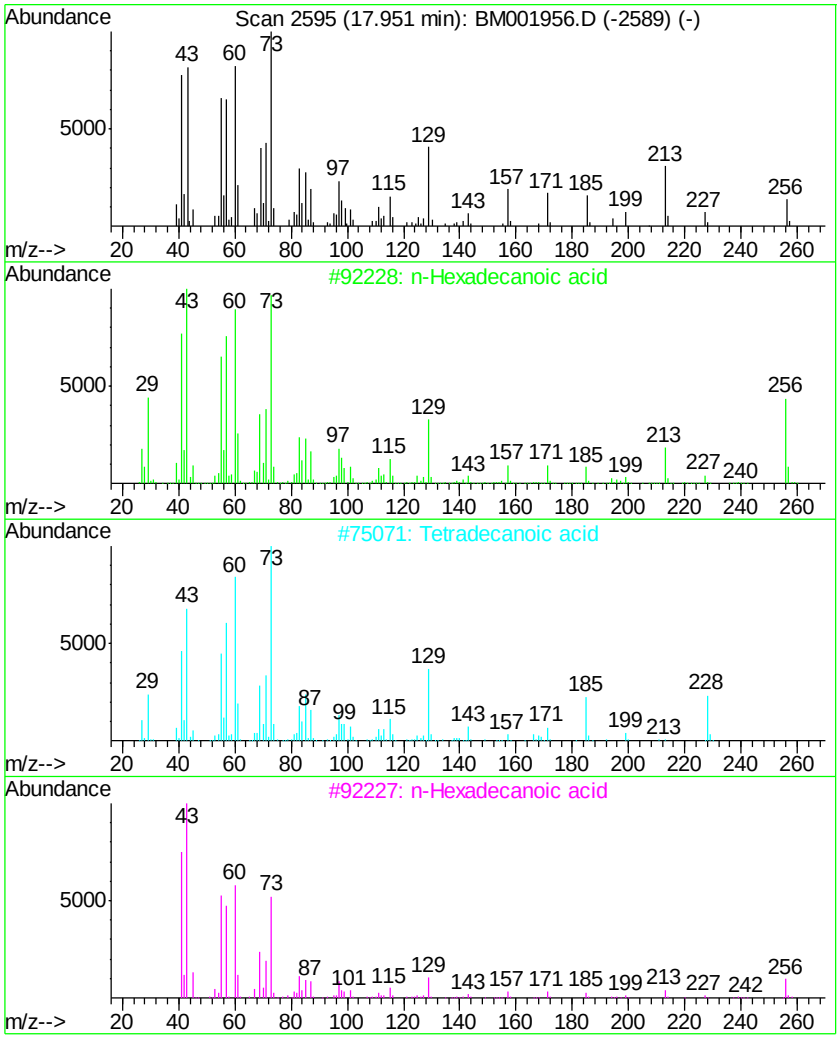
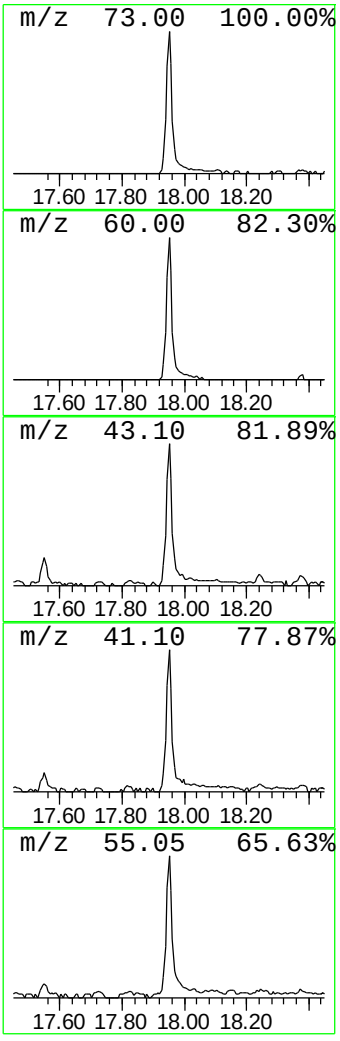
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	4.82 ng/ul	313323	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Undecanoic acid	186	C11H22O2	000112-37-8	87





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Instrument : BNA_M
ClientSampleId : C01F6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

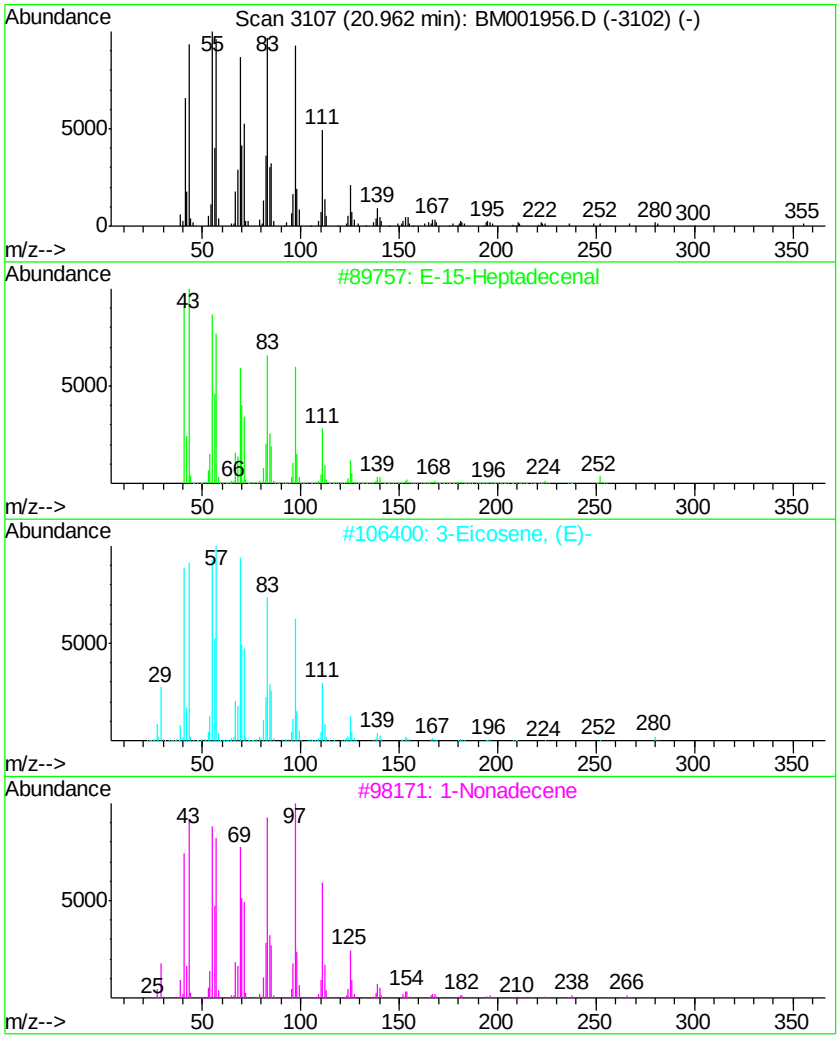
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

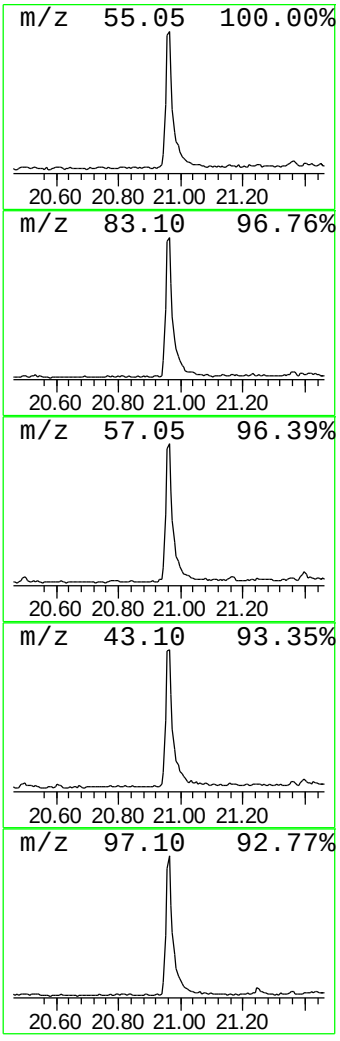
****

Peak Number 4 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	7.24 ng/ul	592660	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	1-Nonadecene	266	C19H38	018435-45-5	94
4	1-Nonadecanol	284	C19H40O	001454-84-8	93
5	1-Tricosene	322	C23H46	018835-32-0	93





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

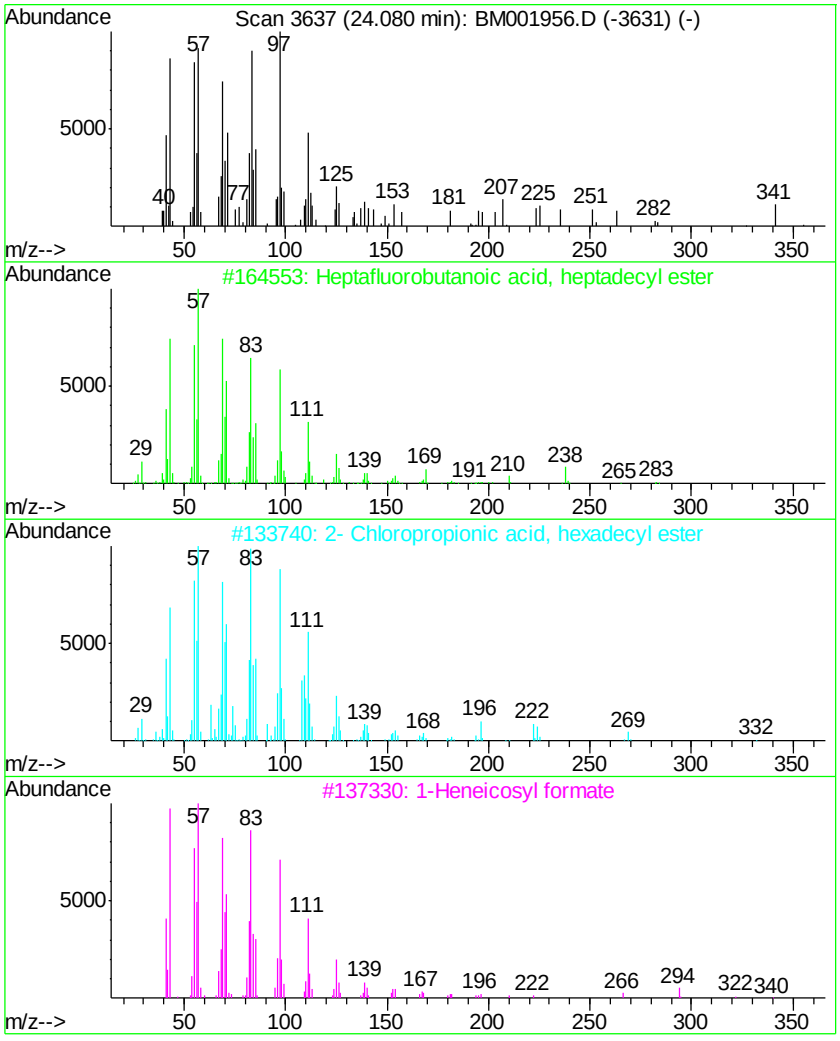
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

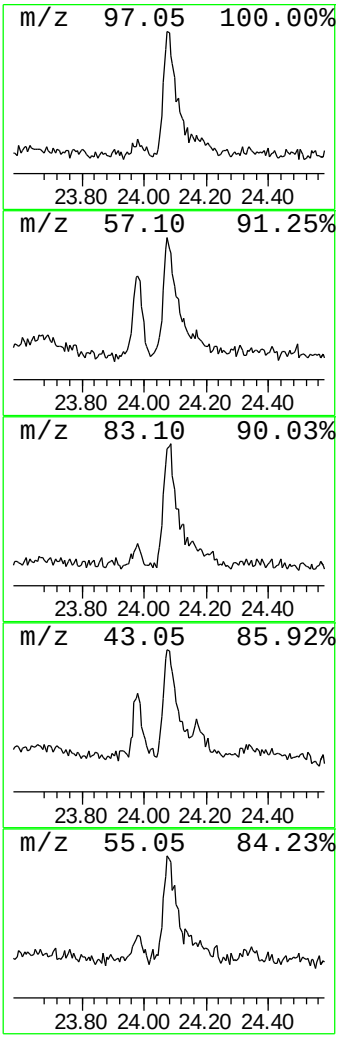
****

Peak Number 5 Heptafluorobutanoic acid, h... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.31 ng/ul	159873	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	87
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	81
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	81
5	1-Nonadecanol	284	C19H40O	001454-84-8	76





Tentatively Identified Compound (LSC) summary

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ClientSampleId : C01F6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.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
Butane, 2-methoxy...	2.87	20.1	ng/ul	518057	1	7.65	515331	20.0
n-Hexadecanoic acid	17.95	4.8	ng/ul	313323	4	17.06	1298760	20.0
E-15-Heptadecenal	20.96	7.2	ng/ul	592660	5	21.25	1637970	20.0
Heptafluorobutano...	24.08	2.3	ng/ul	159873	6	23.47	1382380	20.0