LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002768.D
Acq On : 30 Sep 2015 04:43
Operator : UM/IZ
Sample : G3798-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G63

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-BM092915.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	3.363	40	47	57	rBV	100311	198011	17.70%	1.603%
2	3.452	57	62	74	rVB	191611	265352	23.72%	2.148%
3	3.769	111	116	122	rVV	12338	16591	1.48%	0.134%
4	4.099	169	172	179	rBV2	1628	3372	0.30%	0.027%
5	4.404	218	224	227	rVB2	3873	5348	0.48%	0.043%
6	4.863	297	302	303	rBV3	864	1411	0.13%	0.011%
7	5.640	429	434	442	rVB	30270	46425	4.15%	0.376%
8	7.810	797	803	814	rBV	200960	343005	30.66%	2.777%
9	7.987	827	833	845	rVB	163526	270957	24.22%	2.194%
10	8.210	865	871	880	rBV	221811	378704	33.85%	3.066%
11	8.698	946	954	962	rBV	307238	510679	45.65%	4.134%
12	9.392	1066	1072	1085	rVB	248411	425269	38.02%	3.443%
13	9.892	1149	1157	1166	rVB	172615	296164	26.48%	2.398%
14	10.622	1275	1281	1290	rVB	138846	241618	21.60%	1.956%
15	11.163	1367	1373	1383	rBV	241207	406120	36.30%	3.288%
16	11.557	1432	1440	1449	rBV	432644	734566	65.67%	5.947%
17	11.680	1454	1461	1474	rBV	241369	434263	38.82%	3.516%
18	12.204	1546	1550	1555	rVB2	1153	1591	0.14%	0.013%
19	13.092	1698	1701	1705	rBV2	3037	4318	0.39%	0.035%
20	13.645	1792	1795	1798	rVB2	1303	1786	0.16%	0.014%
21	13.880	1831	1835	1838	rVB	3041	3884	0.35%	0.031%
22	14.674	1963	1970	1974	rBV	386145	549354	49.11%	4.448%
23	14.716	1974	1977	1983	rVB	173277	231378	20.68%	1.873%
24	14.998	2018	2025	2031	rBV	263499	392372	35.08%	3.177%
25	15.115	2041	2045	2048	rBV2	3078	3636	0.33%	0.029%
26	15.292	2068	2075	2082	rBV2	549848	871376	77.90%	7.055%
27	15.463	2097	2104	2118	rVB	109277	181966	16.27%	1.473%
28	16.010	2193	2197	2199	rBV	3313	3949	0.35%	0.032%
29	16.045	2199	2203	2208	rVB	10411	12933	1.16%	0.105%
30	16.268	2235	2241	2247	rVB	206543	293032	26.20%	2.372%
31	16.386	2257	2261	2266	rBV	26912	35158	3.14%	0.285%
32	16.445	2266	2271	2275	rVB	3456	5420	0.48%	0.044%
33	16.898	2341	2348	2356	rBV	16625	28719	2.57%	0.233%
34	17.239	2402	2406	2412	rVB3	1783	3222	0.29%	0.026%

LSC Area Percent Report

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Acq On : 30 Sep 2015 04:43
Operator : UM/IZ
Sample : G3798-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G63

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-BM092915.M
Title : SVOA CALIBRATION

35	17.292	2412	2415	2418	rBV2	1298	1652	0.15%	0.013%
36	17.462	2441	2444	2447	rVB2	1226	1266	0.11%	0.010%
37	17.674	2475	2480	2484	rBV	18889	22864	2.04%	0.185%
38	17.727	2485	2489	2494	rVB	4326	6128	0.55%	0.050%
39	17.915	2519	2521	2524	rVB	1271	1124	0.10%	0.009%
40	18.004	2530	2536	2543	rVV2	653018	937373	83.79%	7.589%
41	18.104	2547	2553	2558	rBV	35786	51000	4.56%	0.413%
42	18.215	2568	2572	2576	rBV4	2532	3756	0.34%	0.030%
43	18.304	2582	2587	2589	rBV4	2251	3340	0.30%	0.027%
44	18.404	2600	2604	2610	rVV	11738	15342	1.37%	0.124%
45	18.592	2630	2636	2637	rBV3	1497	2282	0.20%	0.018%
46	18.798	2665	2671	2675	rBV2	8465	11912	1.06%	0.096%
47	18.886	2683	2686	2692	rVB	2436	3077	0.28%	0.025%
48	19.074	2714	2718	2723	rBV	8285	10933	0.98%	0.089%
49	19.115	2723	2725	2727	rVB2	1770	1222	0.11%	0.010%
50	19.198	2736	2739	2744	rVV2	10397	14316	1.28%	0.116%
51	19.245	2746	2747	2750	rVB2	1416	1147	0.10%	0.009%
52	19.315	2755	2759	2762	rBV5	1804	3264	0.29%	0.026%
53	19.403	2771	2774	2776	rBV3	1323	1811	0.16%	0.015%
54	19.509	2789	2792	2796	rBV3	1131	1597	0.14%	0.013%
55	19.562	2796	2801	2802	rBV3	2180	3346	0.30%	0.027%
56	19.633	2810	2813	2815	rBV3	2463	2784	0.25%	0.023%
57	19.674	2817	2820	2825	rVB3	3075	5854	0.52%	0.047%
58	19.809	2840	2843	2845	rVB3	2211	2570	0.23%	0.021%
59	19.886	2854	2856	2858	rBV2	1522	1348	0.12%	0.011%
60	19.974	2867	2871	2877	rVB2	5582	7006	0.63%	0.057%
61	20.062	2883	2886	2889	rBV4	3550	3857	0.34%	0.031%
62	20.168	2900	2904	2910	rBV	316300	360790	32.25%	2.921%
63	20.245	2913	2917	2920	rVV	14350	15259	1.36%	0.124%
64	20.280	2920	2923	2927	rVB	50609	54158	4.84%	0.438%
65	20.333	2927	2932	2939	rBV	116622	159001	14.21%	1.287%
66	20.762	2999	3005	3009	rBV2	17145	25052	2.24%	0.203%
67	21.186	3072	3077	3081	rBV	299700	335120	29.96%	2.713%
68	21.244	3083	3087	3090	rVV	36073	43765	3.91%	0.354%
69	21.280	3090	3093	3097	rVB	27718	30415	2.72%	0.246%
70	21.697	3159	3164	3181	rBV2	195777	356579	31.88%	2.887%
71	22.086	3224	3230	3236	rBV	787524	1116658	99.82%	9.040%

LSC Area Percent Report

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Data File : BM002768.D
Acq On : 30 Sep 2015 04:43
Operator : UM/IZ
Sample : G3798-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G63

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-BM092915.M
Title : SVOA CALIBRATION

72	22.144	3237	3240	3248	rVB	62843	89263	7.98%	0.723%
73	22.627	3318	3322	3326	rBV	46816	59155	5.29%	0.479%
74	23.150	3407	3411	3420	rVB	46263	72437	6.48%	0.586%
75	23.733	3506	3510	3516	rVB2	39298	58641	5.24%	0.475%
76	24.397	3619	3623	3629	rVB	37948	67403	6.03%	0.546%
77	24.674	3662	3670	3680	rVB2	503553	1118654	100.00%	9.057%
78	25.156	3749	3752	3759	rVB2	34722	65444	5.85%	0.530%

Sum of corrected areas: 12351914

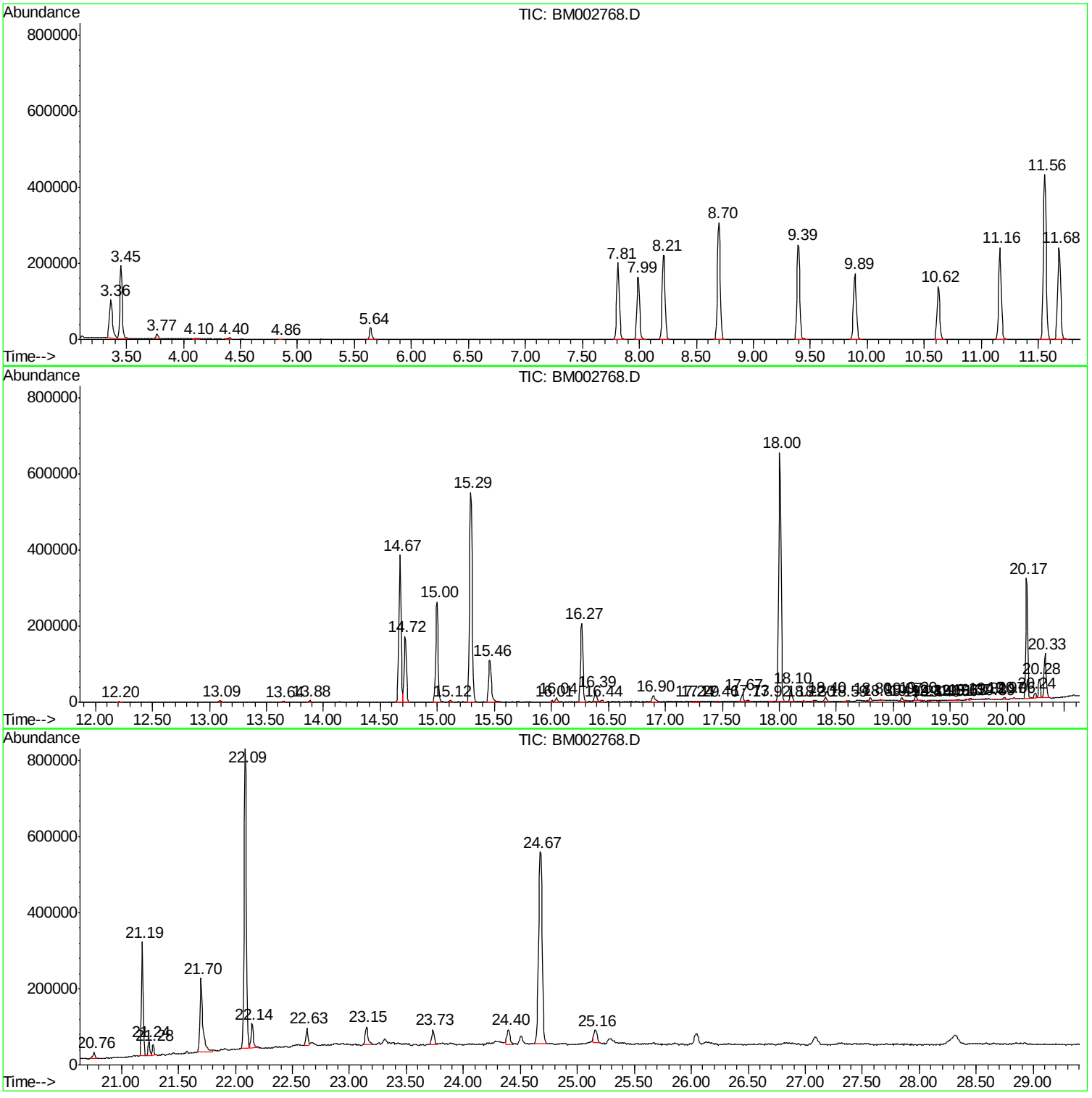
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002768.D
Acq On : 30 Sep 2015 04:43
Operator : UM/IZ
Sample : G3798-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002768.D
Acq On : 30 Sep 2015 04:43
Operator : UM/IZ
Sample : G3798-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

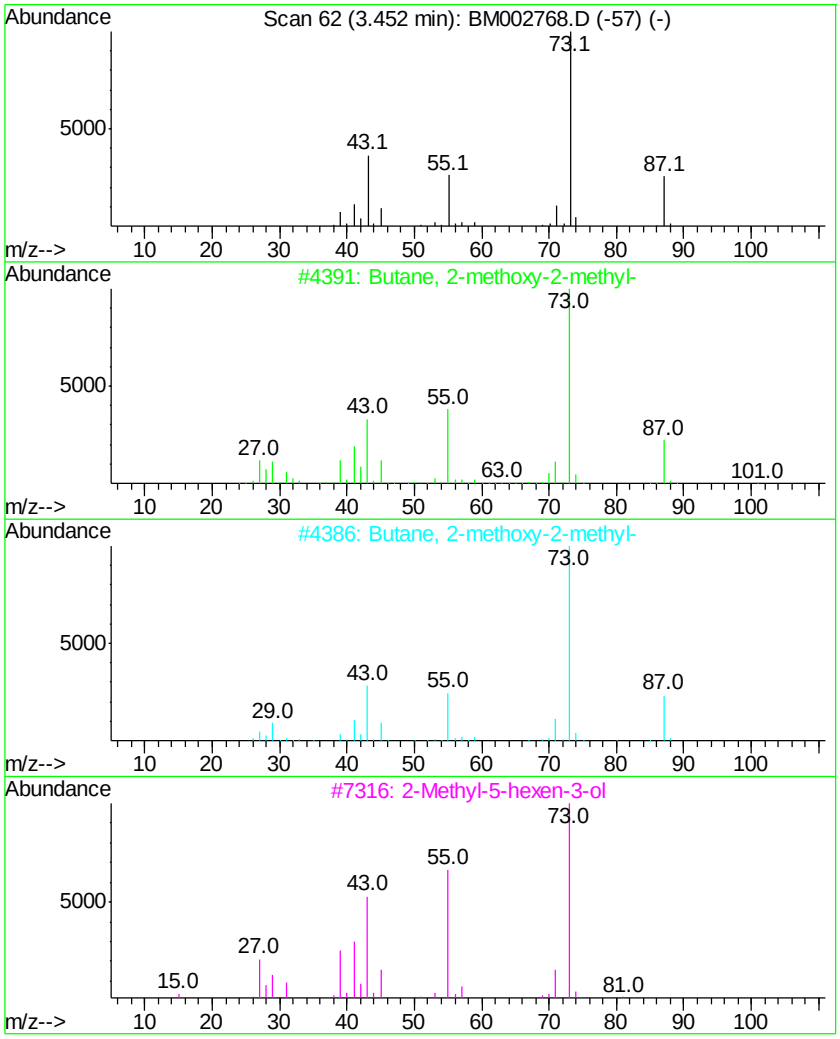
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

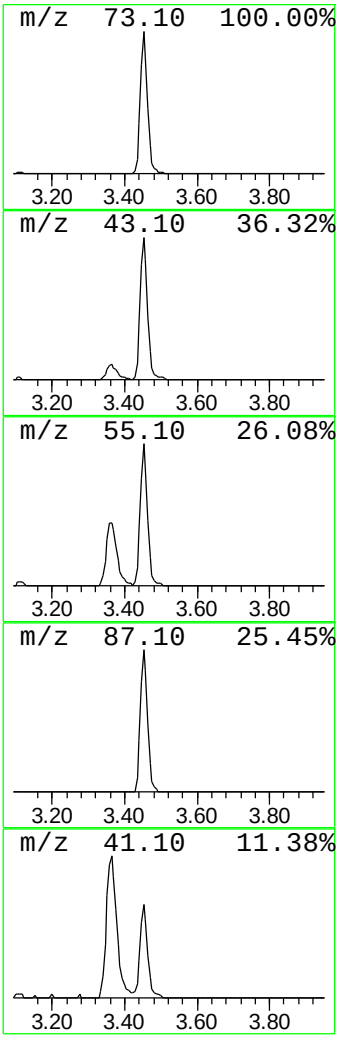
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	10.39 ng/ul	265352	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17





Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002768.D
Acq On : 30 Sep 2015 04:43
Operator : UM/IZ
Sample : G3798-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

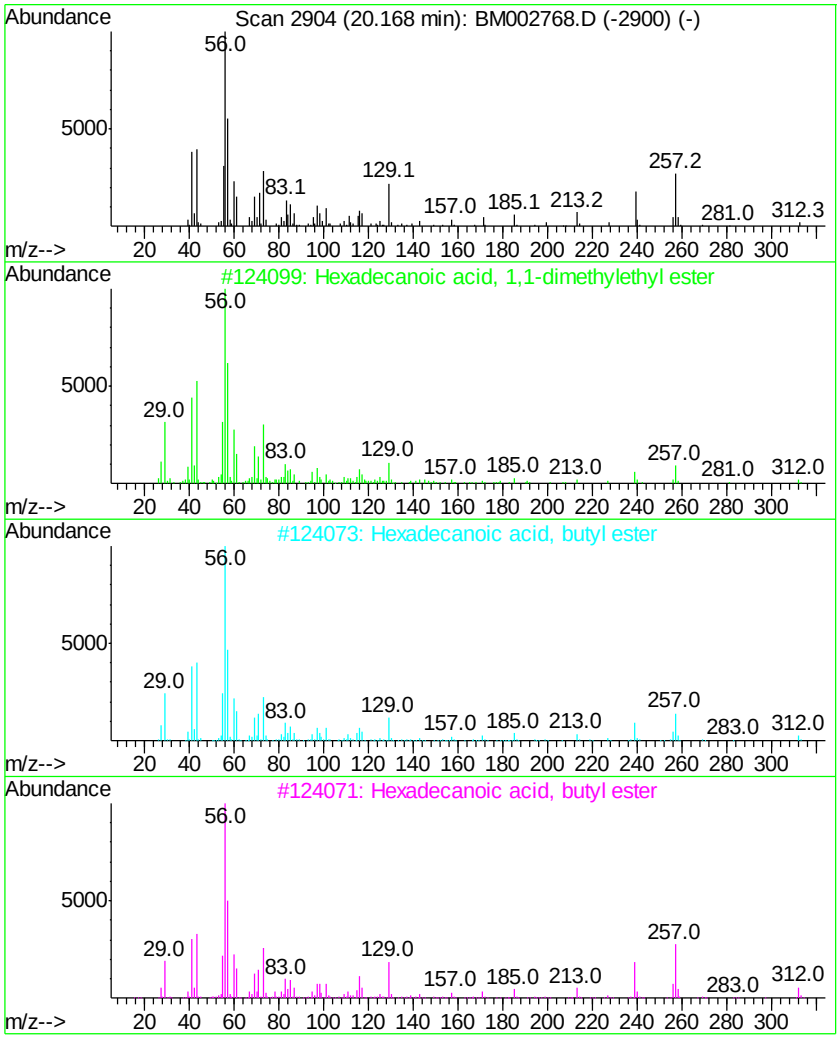
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

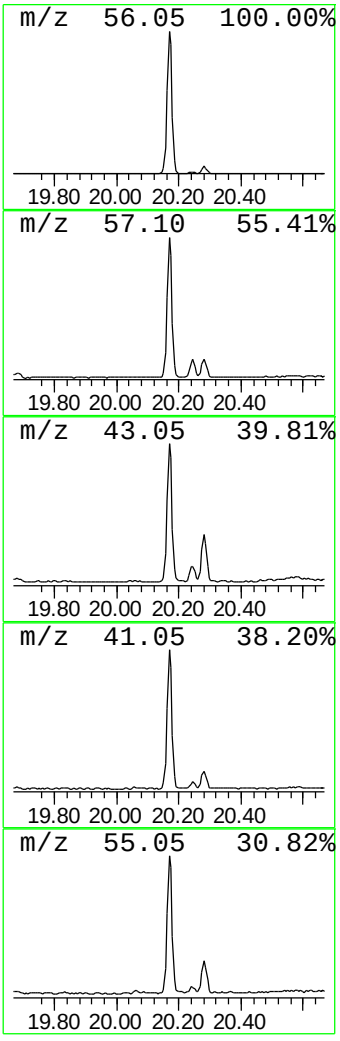
****

Peak Number 3 Hexadecanoic acid, 1,1-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	6.46 ng/ul	360790	Chrysene-d12	22.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	97
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	55
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	45
5	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002768.D
Acq On : 30 Sep 2015 04:43
Operator : UM/IZ
Sample : G3798-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

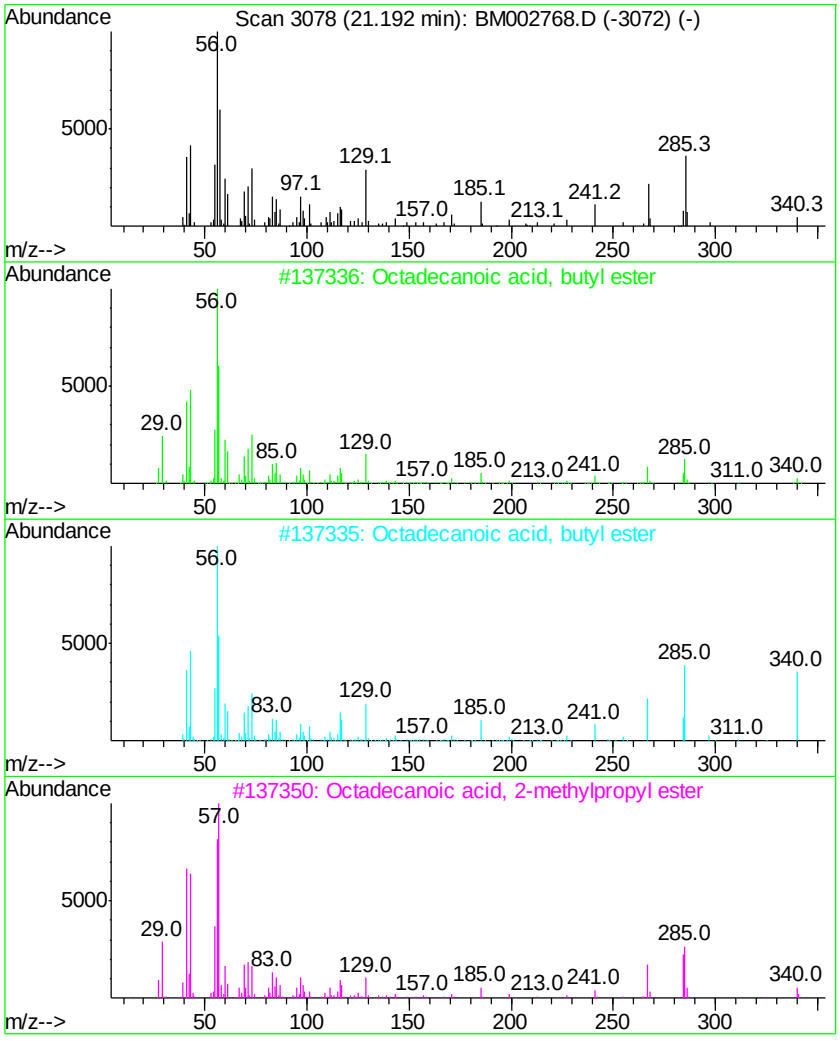
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

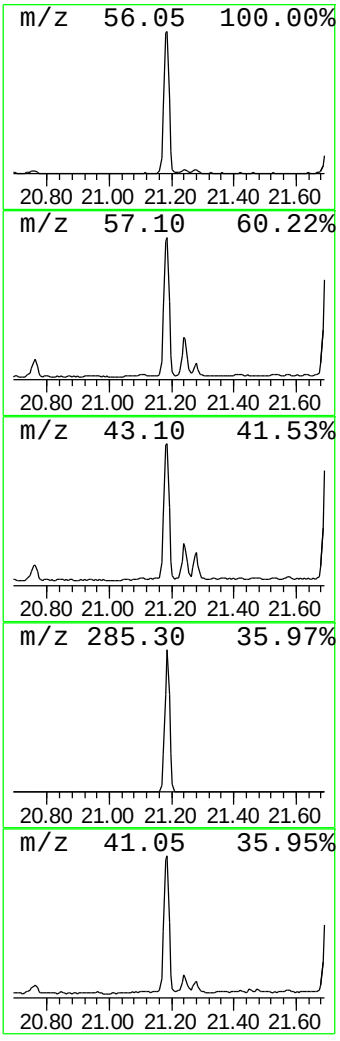
****

Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	6.00 ng/ul	335120	Chrysene-d12	22.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	98
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	50
4	n-Butyl myristate	284	C18H36O2	000110-36-1	50
5	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38





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Operator : UM/IZ
Sample : G3798-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

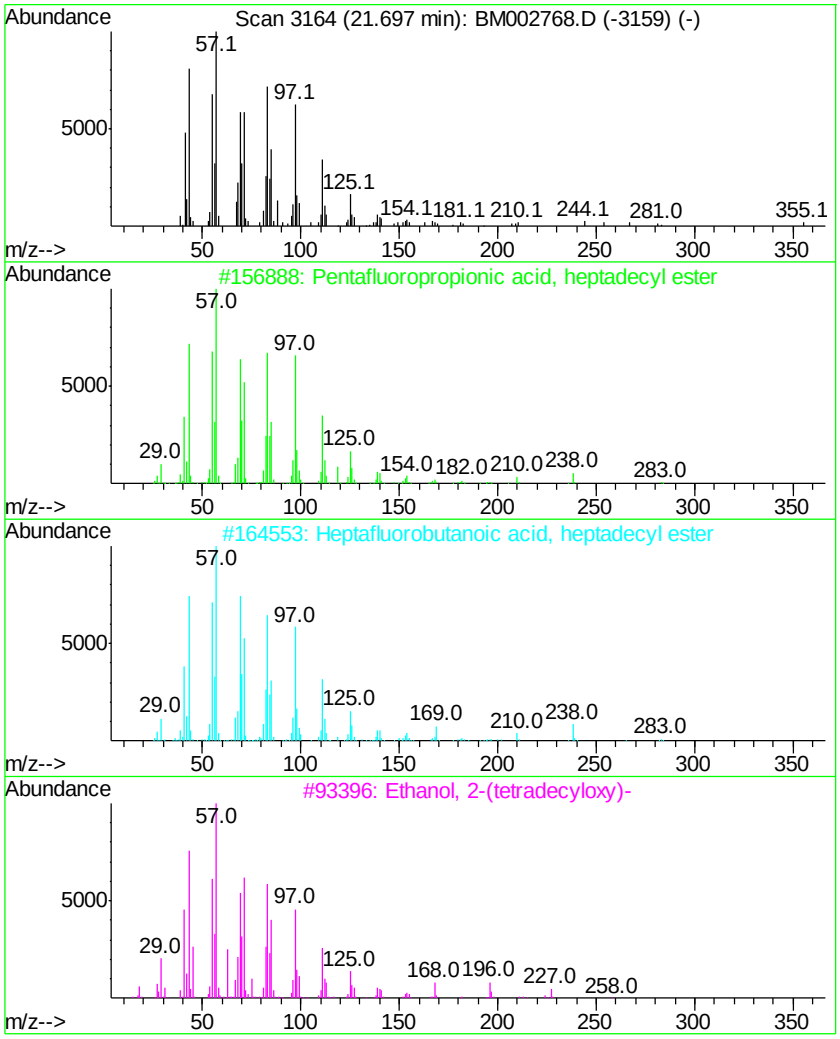
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

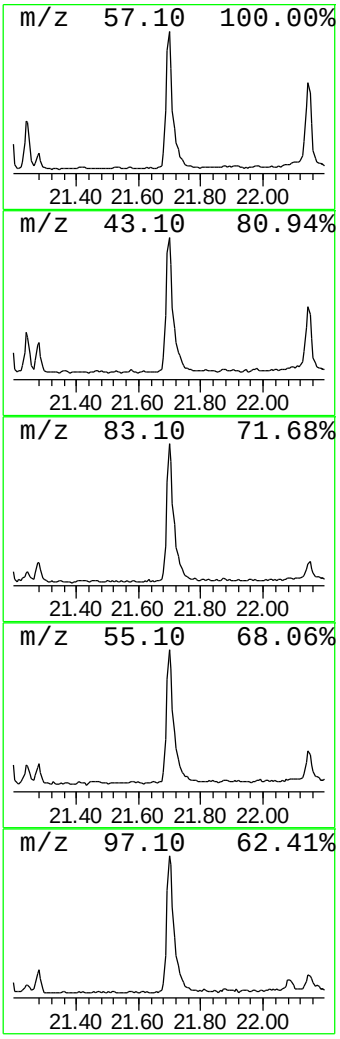
****

Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	6.39 ng/ul	356579	Chrysene-d12	22.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	94
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	1-Docosene	308	C22H44	001599-67-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
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Acq On : 30 Sep 2015 04:43
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Sample : G3798-09
Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.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...	3.45	10.4	ng/ul	265352	1	8.70	510679	20.0
Hexadecanoic acid...	20.17	6.5	ng/ul	360790	5	22.09	1116660	20.0
Octadecanoic acid...	21.19	6.0	ng/ul	335120	5	22.09	1116660	20.0
Pentafluoropropio...	21.70	6.4	ng/ul	356579	5	22.09	1116660	20.0