LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001836.D
Acq On : 06 Jul 2015 14:49
Operator : TP/UM
Sample : G2861-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93M2

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-BM061515.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	2.734	5	8	12	rVB2	4353	4552	0.24%	0.040%
2	2.810	16	21	25	rVV	65943	104114	5.40%	0.920%
3	2.887	29	34	51	rVB	1502092	1927423	100.00%	17.023%
4	3.146	75	78	82	rVB	5887	6631	0.34%	0.059%
5	3.410	121	123	127	rBV	3969	5174	0.27%	0.046%
6	3.657	161	165	170	rBV3	3866	5236	0.27%	0.046%
7	3.769	182	184	189	rVB2	1544	2425	0.13%	0.021%
8	4.093	236	239	242	rBV	3522	4246	0.22%	0.038%
9	4.240	260	264	270	rVB3	2432	3055	0.16%	0.027%
10	4.775	351	355	363	rVB3	12219	19900	1.03%	0.176%
11	6.175	590	593	601	rBV	9232	12981	0.67%	0.115%
12	6.651	671	674	677	rBV2	2815	3289	0.17%	0.029%
13	6.828	697	704	714	rBB	103525	160634	8.33%	1.419%
14	6.998	725	733	741	rBB	70391	106161	5.51%	0.938%
15	7.192	760	766	772	rBB	100667	151611	7.87%	1.339%
16	7.263	775	778	779	rBV2	1686	2027	0.11%	0.018%
17	7.663	838	846	853	rBB	236361	367092	19.05%	3.242%
18	7.881	879	883	887	rBB2	3496	4670	0.24%	0.041%
19	8.192	933	936	939	rBV	1709	2283	0.12%	0.020%
20	8.328	955	959	960	rBV	2295	2579	0.13%	0.023%
21	8.369	960	966	972	rVB	104107	164487	8.53%	1.453%
22	8.486	981	986	991	rBB2	11848	18052	0.94%	0.159%
23	8.822	1037	1043	1051	rBB	84047	131229	6.81%	1.159%
24	9.539	1159	1165	1173	rVB	68944	112485	5.84%	0.993%
25	10.069	1249	1255	1262	rVB	123457	194608	10.10%	1.719%
26	10.233	1278	1283	1287	rBV2	3078	4522	0.23%	0.040%
27	10.451	1313	1320	1327	rBV	291570	485743	25.20%	4.290%
28	10.592	1337	1344	1351	rBV	90203	146007	7.58%	1.290%
29	12.663	1692	1696	1701	rBV	4384	5421	0.28%	0.048%
30	12.916	1735	1739	1743	rVB2	8059	10872	0.56%	0.096%
31	13.198	1782	1787	1789	rBV2	2894	3483	0.18%	0.031%
32	13.727	1870	1877	1881	rBV	206317	278380	14.44%	2.459%
33	13.774	1881	1885	1891	rVB	87723	112915	5.86%	0.997%
34	14.010	1919	1925	1932	rBV	199094	290598	15.08%	2.567%

LSC Area Percent Report

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Acq On : 06 Jul 2015 14:49
Operator : TP/UM
Sample : G2861-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93M2

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-BM061515.M
Title : SVOA CALIBRATION

35	14.315	1971	1977	1985	rBV2	399182	606110	31.45%	5.353%
36	14.515	2006	2011	2020	rVB	72383	101597	5.27%	0.897%
37	14.745	2047	2050	2056	rVB2	3119	3148	0.16%	0.028%
38	15.168	2119	2122	2125	rVB	2689	2541	0.13%	0.022%
39	15.309	2140	2146	2152	rVB	283311	384216	19.93%	3.393%
40	15.362	2152	2155	2159	rVB2	2195	2663	0.14%	0.024%
41	15.433	2162	2167	2173	rBV	67756	91154	4.73%	0.805%
42	15.680	2204	2209	2214	rVB	4329	6297	0.33%	0.056%
43	16.033	2264	2269	2276	rBV2	5514	9092	0.47%	0.080%
44	16.821	2399	2403	2406	rBV2	4063	5318	0.28%	0.047%
45	16.868	2409	2411	2416	rVB2	1845	2452	0.13%	0.022%
46	17.062	2438	2444	2449	rBV2	528943	724679	37.60%	6.400%
47	17.103	2449	2451	2455	rVV	39584	42123	2.19%	0.372%
48	17.162	2455	2461	2474	rVB2	314772	455053	23.61%	4.019%
49	17.451	2506	2510	2517	rVB4	8876	16640	0.86%	0.147%
50	17.556	2525	2528	2532	rVB2	5104	5543	0.29%	0.049%
51	17.950	2589	2595	2599	rBV2	55813	76775	3.98%	0.678%
52	17.980	2599	2600	2605	rVB2	8224	9390	0.49%	0.083%
53	18.062	2611	2614	2617	rVB2	2744	2772	0.14%	0.024%
54	18.127	2619	2625	2630	rVV3	6480	13366	0.69%	0.118%
55	18.162	2630	2631	2635	rVB	4179	3645	0.19%	0.032%
56	18.250	2642	2646	2653	rVB3	4471	6543	0.34%	0.058%
57	18.439	2674	2678	2682	rBV2	3552	4354	0.23%	0.038%
58	18.486	2682	2686	2689	rBV3	1637	2244	0.12%	0.020%
59	18.533	2689	2694	2698	rBV3	2334	3359	0.17%	0.030%
60	18.768	2731	2734	2737	rVB	2166	2802	0.15%	0.025%
61	18.856	2745	2749	2752	rBV2	1915	3448	0.18%	0.030%
62	18.886	2752	2754	2759	rVV4	2280	3081	0.16%	0.027%
63	18.997	2770	2773	2776	rBV2	3535	3444	0.18%	0.030%
64	19.121	2790	2794	2803	rBV	75443	98577	5.11%	0.871%
65	19.239	2809	2814	2823	rBV3	20951	30398	1.58%	0.268%
66	19.392	2838	2840	2843	rVB3	2385	2608	0.14%	0.023%
67	19.462	2846	2852	2856	rBV	381503	561313	29.12%	4.957%
68	19.562	2866	2869	2872	rBV2	3371	4863	0.25%	0.043%
69	19.668	2885	2887	2891	rBV2	4771	5455	0.28%	0.048%
70	19.727	2895	2897	2901	rVB2	2198	2956	0.15%	0.026%
71	19.815	2908	2912	2918	rVB3	4933	10676	0.55%	0.094%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001836.D
Acq On : 06 Jul 2015 14:49
Operator : TP/UM
Sample : G2861-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93M2

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-BM061515.M
Title : SVOA CALIBRATION

72	19.874	2918	2922	2925	rBV3	2314	3778	0.20%	0.033%
73	19.950	2932	2935	2937	rBV2	2835	3156	0.16%	0.028%
74	19.986	2937	2941	2950	rVB6	10793	17988	0.93%	0.159%
75	20.086	2955	2958	2963	rBV3	5646	6863	0.36%	0.061%
76	20.144	2963	2968	2973	rBV2	6690	10696	0.55%	0.094%
77	20.197	2973	2977	2980	rVB5	2539	2960	0.15%	0.026%
78	20.280	2989	2991	2994	rBV2	3944	4387	0.23%	0.039%
79	20.333	2996	3000	3003	rBV3	4365	4981	0.26%	0.044%
80	20.386	3006	3009	3015	rBV4	4455	6556	0.34%	0.058%
81	20.497	3024	3028	3031	rBV4	5701	7276	0.38%	0.064%
82	20.580	3041	3042	3044	rBV2	3179	2647	0.14%	0.023%
83	20.615	3044	3048	3054	rVV5	3290	7025	0.36%	0.062%
84	20.733	3065	3068	3073	rVB5	6511	8368	0.43%	0.074%
85	20.903	3093	3097	3100	rVB3	5787	5207	0.27%	0.046%
86	20.968	3100	3108	3116	rBV4	96122	162081	8.41%	1.431%
87	21.168	3140	3142	3144	rBV3	4908	5039	0.26%	0.045%
88	21.256	3150	3157	3161	rBV	810206	1024039	53.13%	9.044%
89	21.291	3161	3163	3171	rVB	37144	44964	2.33%	0.397%
90	21.409	3181	3183	3189	rVB6	8366	11484	0.60%	0.101%
91	21.797	3247	3249	3254	rVV6	5934	7418	0.38%	0.066%
92	21.856	3257	3259	3266	rVB7	8622	14087	0.73%	0.124%
93	22.291	3329	3333	3343	rVB	82332	110789	5.75%	0.978%
94	22.415	3351	3354	3362	rVB2	20900	32369	1.68%	0.286%
95	22.809	3415	3421	3425	rBV4	32188	77112	4.00%	0.681%
96	23.285	3499	3502	3505	rBV2	14954	21357	1.11%	0.189%
97	23.332	3505	3510	3516	rBV2	277812	502689	26.08%	4.440%
98	23.480	3527	3535	3550	rVB	527484	1003165	52.05%	8.860%
99	23.991	3618	3622	3628	rVB6	14676	27086	1.41%	0.239%
100	26.397	4029	4031	4037	rVB3	14752	21508	1.12%	0.190%

Sum of corrected areas: 11322655

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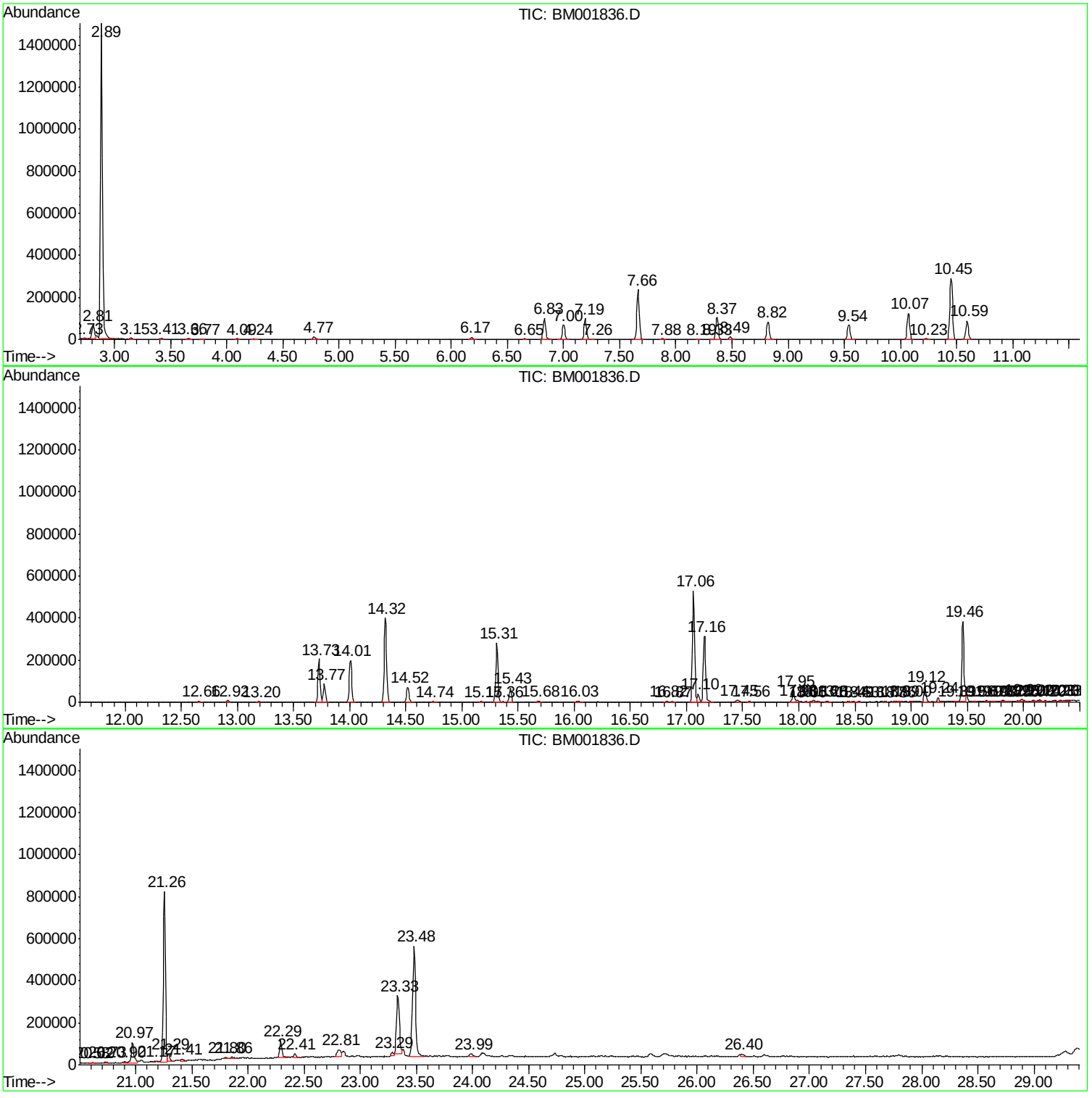
Instrument :
BNA_M
ClientSampleId :
G93M2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.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_M\DATA\BM070615\
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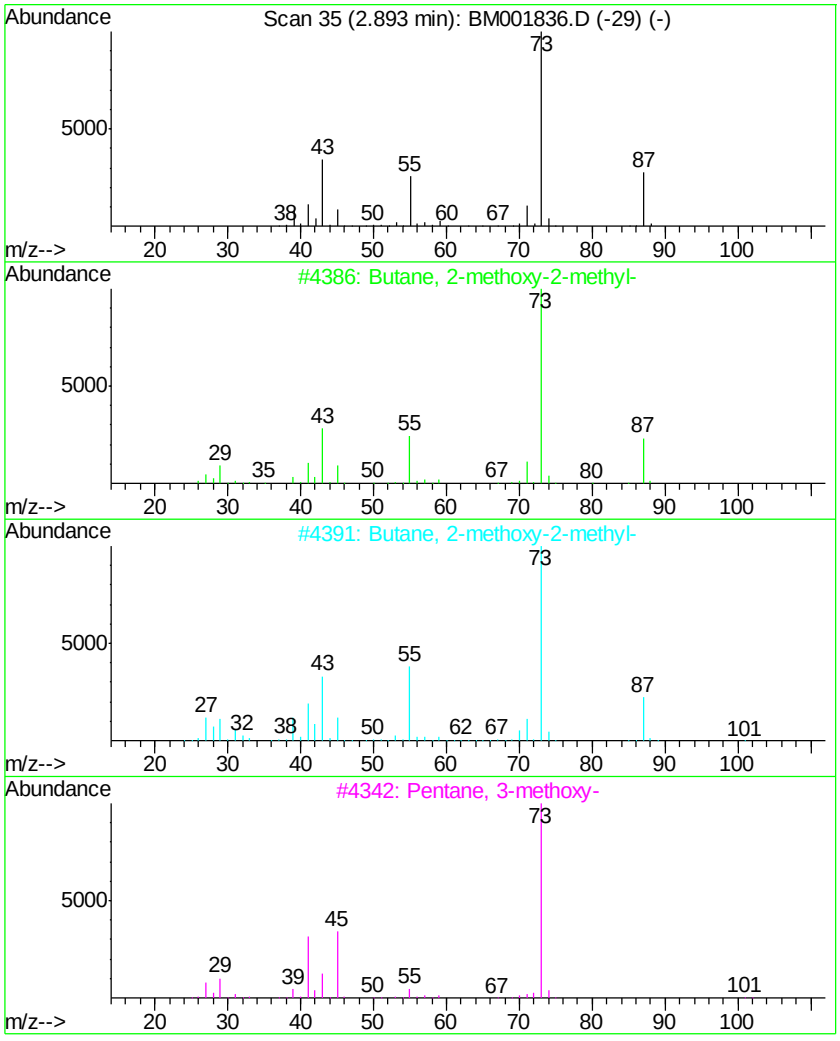
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

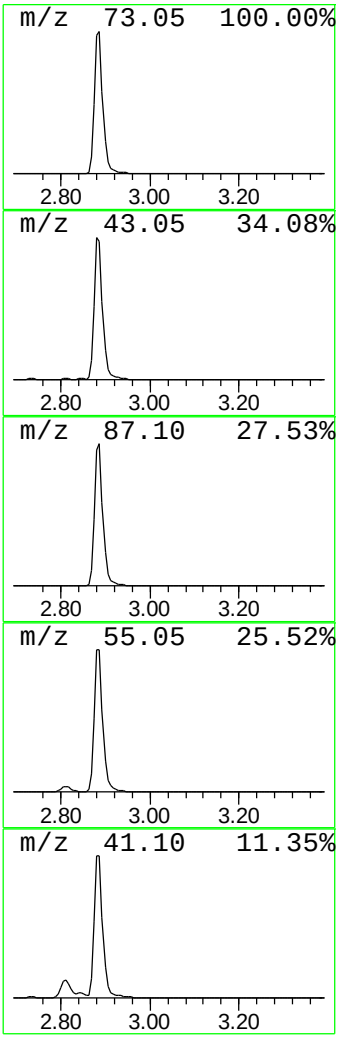
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	105.01 ng/ul	1927420	1,4-Dichlorobenzene-d4	7.66

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	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001836.D
Acq On : 06 Jul 2015 14:49
Operator : TP/UM
Sample : G2861-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93M2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

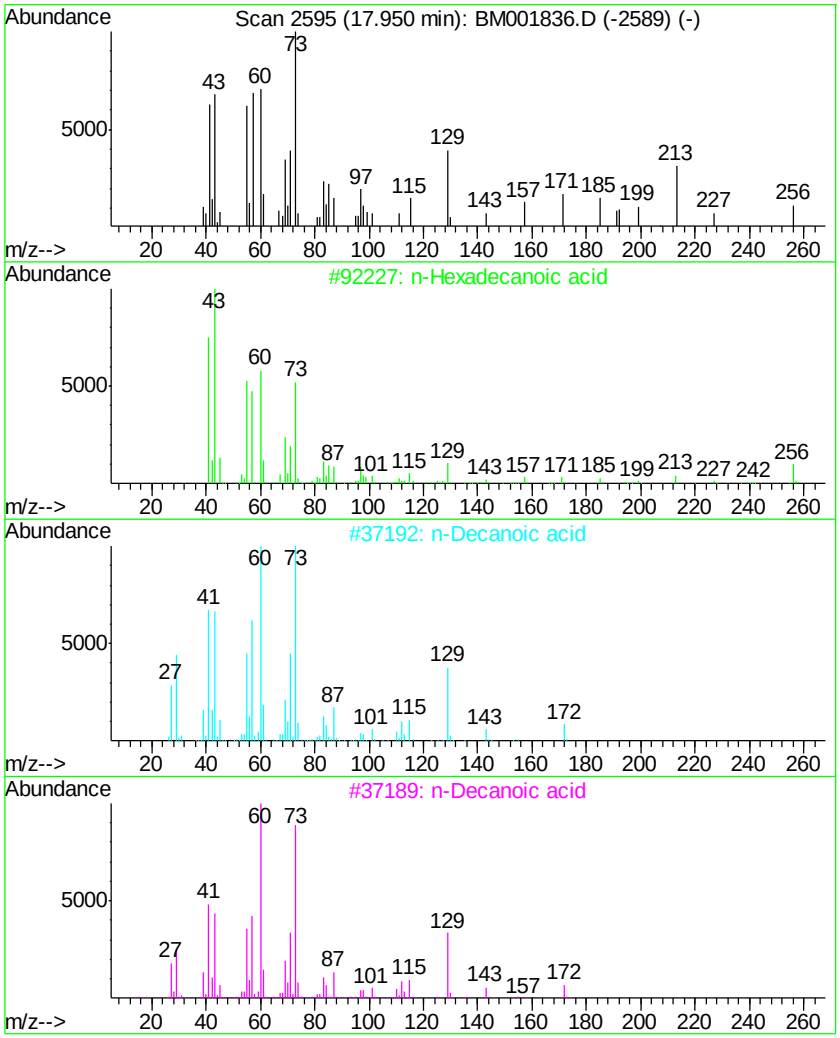
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

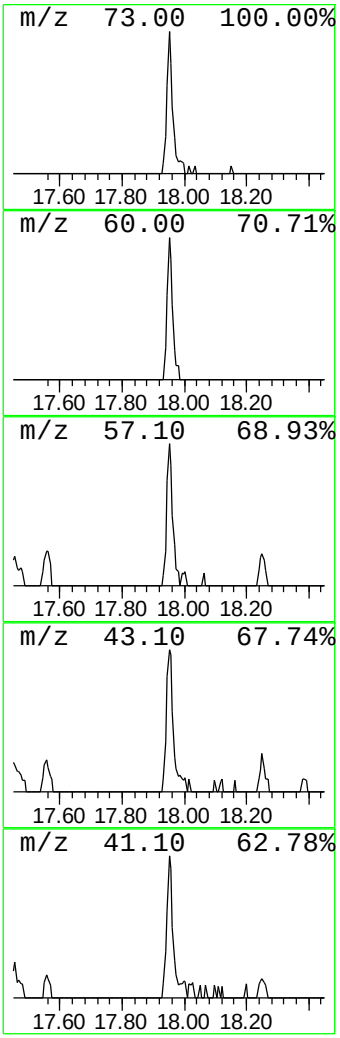
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.12 ng/ul	76775	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	n-Decanoic acid	172	C10H20O2	000334-48-5	47
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	Tridecanoic acid	214	C13H26O2	000638-53-9	46
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	46





Library Search Compound Report

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Data File : BM001836.D
Acq On : 06 Jul 2015 14:49
Operator : TP/UM
Sample : G2861-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93M2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

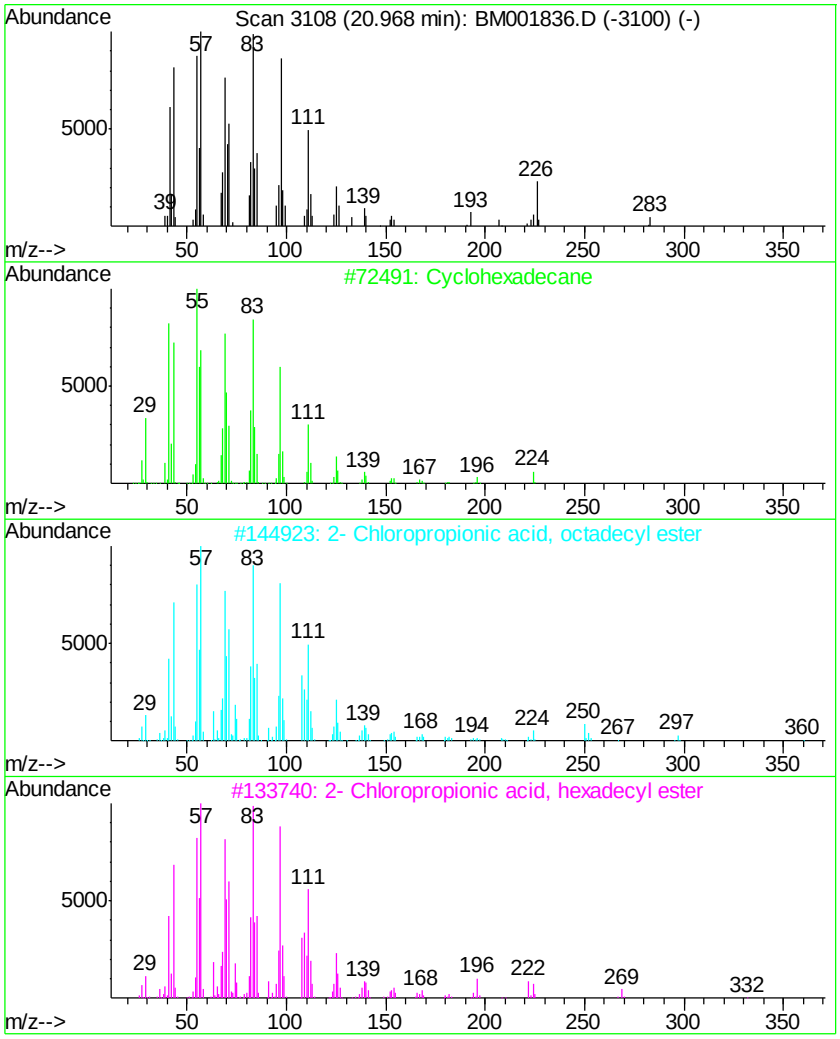
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

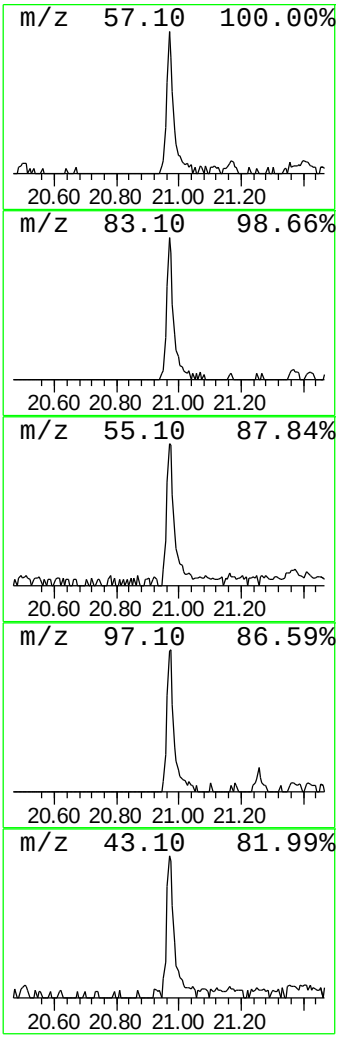
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	3.17 ng/ul	162081	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	93
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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Data File : BM001836.D
Acq On : 06 Jul 2015 14:49
Operator : TP/UM
Sample : G2861-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93M2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

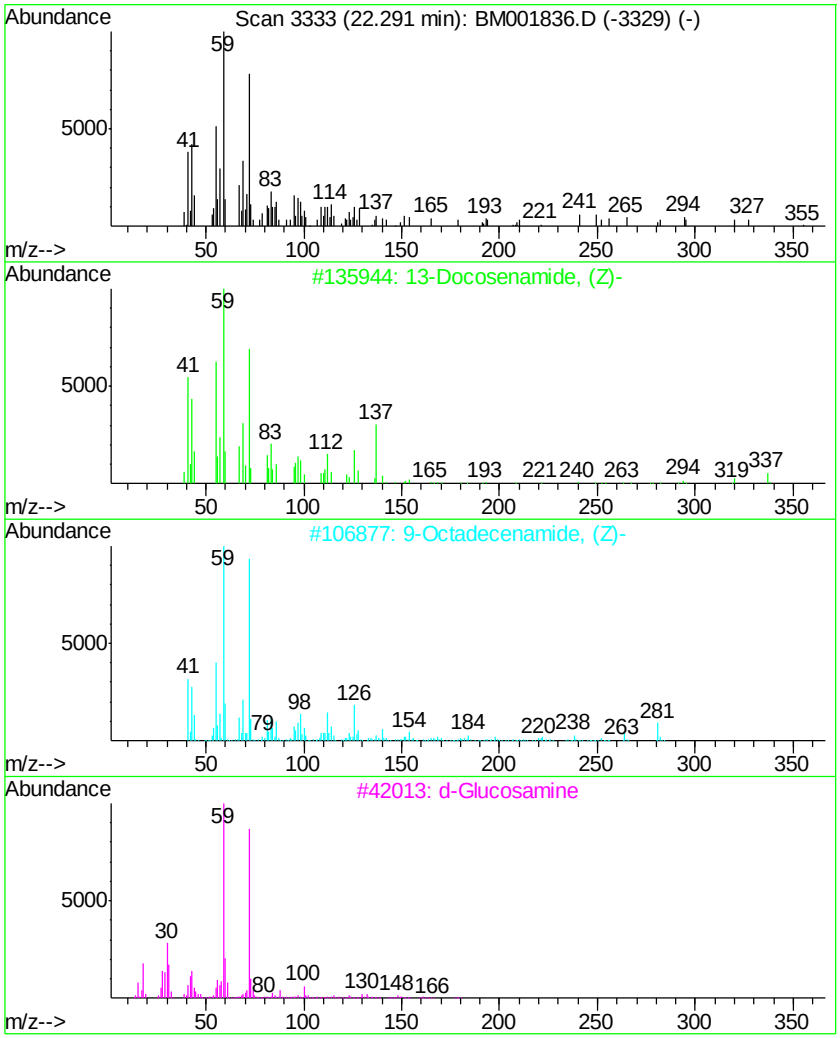
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

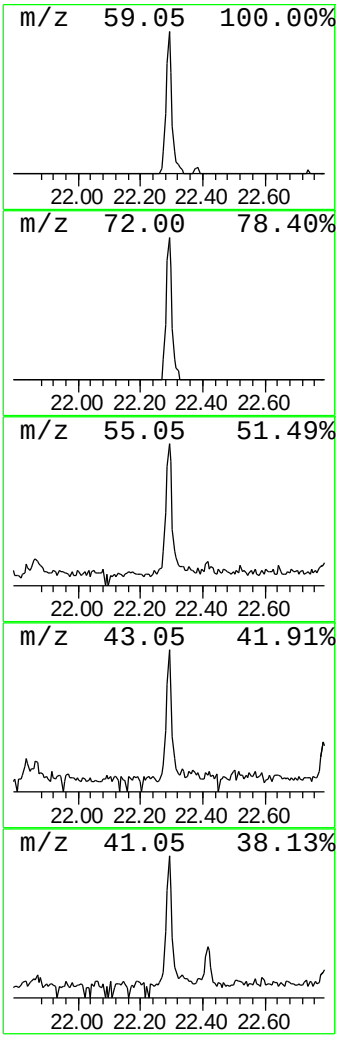
****

Peak Number 5 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.16 ng/ul	110789	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
3	d-Glucosamine	179	C6H13NO5	000090-77-7	59
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	47
5	Tetradecanamide	227	C14H29NO	000638-58-4	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001836.D
Acq On : 06 Jul 2015 14:49
Operator : TP/UM
Sample : G2861-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93M2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.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...	2.89	105.0	ng/ul	1927420	1	7.66	367092	20.0
n-Hexadecanoic acid	17.95	2.1	ng/ul	76775	4	17.06	724679	20.0
(DEL) Alkane: Str...	20.97	3.2	ng/ul	162081	5	21.26	1024040	20.0
13-Docosenamide, ...	22.29	2.2	ng/ul	110789	5	21.26	1024040	20.0