LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004370.D
Acq On : 24 Feb 2016 03:23
Operator : SJ/UM
Sample : H1542-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S33-0003

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-BM022216.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	2.740	5	9	19	rBV	110847	185780	31.23%	2.469%
2	2.822	19	23	34	rVB	95791	120924	20.33%	1.607%
3	3.081	64	67	74	rVB	4344	4797	0.81%	0.064%
4	3.604	153	156	162	rVB2	841	950	0.16%	0.013%
5	4.728	344	347	350	rBV	1257	1578	0.27%	0.021%
6	6.810	696	701	714	rBV	83146	131664	22.14%	1.750%
7	6.957	721	726	736	rBB	73384	110527	18.58%	1.469%
8	7.157	755	760	770	rBB	98932	148497	24.97%	1.973%
9	7.622	833	839	846	rBB	93683	145169	24.41%	1.929%
10	8.345	956	962	976	rBB	111550	180021	30.27%	2.392%
11	8.781	1030	1036	1047	rBB	85981	137170	23.06%	1.823%
12	9.498	1153	1158	1167	rBB	71176	114214	19.20%	1.518%
13	10.045	1245	1251	1267	rBB	113985	192313	32.33%	2.556%
14	10.404	1306	1312	1322	rBB	146701	244053	41.03%	3.243%
15	10.557	1332	1338	1359	rBB	95176	167675	28.19%	2.228%
16	11.945	1571	1574	1579	rBB	2894	3492	0.59%	0.046%
17	12.010	1583	1585	1588	rBB	1129	1340	0.23%	0.018%
18	13.174	1779	1783	1786	rBB	3348	4750	0.80%	0.063%
19	13.698	1866	1872	1876	rBV	235992	337377	56.72%	4.483%
20	13.739	1876	1879	1886	rVB	64243	89230	15.00%	1.186%
21	13.974	1913	1919	1933	rBB	286881	414343	69.66%	5.506%
22	14.180	1951	1954	1957	rBB	5100	5563	0.94%	0.074%
23	14.286	1966	1972	1979	rBB2	231834	351765	59.14%	4.674%
24	14.533	2007	2014	2028	rBV	38889	78391	13.18%	1.042%
25	15.086	2105	2108	2111	rBB	1841	2185	0.37%	0.029%
26	15.133	2111	2116	2120	rBB2	7819	9437	1.59%	0.125%
27	15.280	2135	2141	2148	rBV	382995	530746	89.23%	7.053%
28	15.427	2162	2166	2174	rBB	68473	89957	15.12%	1.195%
29	15.521	2179	2182	2188	rBB2	2758	4776	0.80%	0.063%
30	15.998	2260	2263	2271	rBB	8188	12423	2.09%	0.165%
31	16.792	2395	2398	2401	rBB	5062	5947	1.00%	0.079%
32	16.845	2402	2407	2409	rBB	1338	2091	0.35%	0.028%
33	17.039	2434	2440	2449	rBB2	294032	414217	69.64%	5.504%
34	17.139	2450	2457	2472	rVV	380326	560529	94.24%	7.448%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004370.D
Acq On : 24 Feb 2016 03:23
Operator : SJ/UM
Sample : H1542-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S33-0003

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-BM022216.M
Title : SVOA CALIBRATION

35	17.415	2500	2504	2513	rBB	47963	65542	11.02%	0.871%
36	17.527	2520	2523	2526	rBB	4283	4826	0.81%	0.064%
37	17.939	2590	2593	2595	rBB	3261	3111	0.52%	0.041%
38	18.003	2601	2604	2607	rBB	1158	1432	0.24%	0.019%
39	18.227	2639	2642	2646	rBV2	4557	5113	0.86%	0.068%
40	18.356	2661	2664	2667	rBB2	11062	11796	1.98%	0.157%
41	18.798	2734	2739	2747	rBV	98937	134105	22.55%	1.782%
42	18.862	2747	2750	2753	rVV	5677	7428	1.25%	0.099%
43	18.956	2762	2766	2771	rBB	8517	9203	1.55%	0.122%
44	19.033	2776	2779	2783	rBB	1859	2182	0.37%	0.029%
45	19.080	2784	2787	2790	rBV	2556	3360	0.56%	0.045%
46	19.109	2790	2792	2796	rVB2	2111	1948	0.33%	0.026%
47	19.209	2805	2809	2813	rBV	11802	12502	2.10%	0.166%
48	19.297	2820	2824	2827	rBV	3202	3689	0.62%	0.049%
49	19.333	2827	2830	2834	rVB	1882	2182	0.37%	0.029%
50	19.368	2834	2836	2838	rBV	1157	807	0.14%	0.011%
51	19.445	2843	2849	2858	rBV	448787	594798	100.00%	7.904%
52	19.962	2933	2937	2938	rBV2	2496	3165	0.53%	0.042%
53	19.986	2938	2941	2945	rVB	6907	7804	1.31%	0.104%
54	20.121	2962	2964	2968	rVB2	938	791	0.13%	0.011%
55	20.203	2974	2978	2985	rVB	23684	43319	7.28%	0.576%
56	20.315	2992	2997	3002	rBV2	6500	8761	1.47%	0.116%
57	20.421	3013	3015	3016	rVV	1365	1070	0.18%	0.014%
58	20.439	3016	3018	3022	rVV	1424	1526	0.26%	0.020%
59	20.480	3022	3025	3028	rVV	3776	4291	0.72%	0.057%
60	20.597	3042	3045	3047	rBV2	1068	917	0.15%	0.012%
61	20.656	3054	3055	3060	rBV	382	621	0.10%	0.008%
62	20.768	3071	3074	3076	rBV	542	738	0.12%	0.010%
63	20.944	3099	3104	3120	rVV	74559	106310	17.87%	1.413%
64	21.150	3135	3139	3144	rBV	6237	7777	1.31%	0.103%
65	21.244	3150	3155	3163	rBV	280410	356198	59.89%	4.733%
66	21.397	3177	3181	3183	rBV3	2638	3465	0.58%	0.046%
67	21.503	3198	3199	3200	rBV	1211	668	0.11%	0.009%
68	21.815	3248	3252	3254	rBV2	4887	6818	1.15%	0.091%
69	22.268	3325	3329	3333	rBV3	4682	6552	1.10%	0.087%
70	22.397	3343	3351	3355	rBV3	16086	42797	7.20%	0.569%
71	22.491	3358	3367	3382	rBV	82787	315894	53.11%	4.198%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004370.D
Acq On : 24 Feb 2016 03:23
Operator : SJ/UM
Sample : H1542-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S33-0003

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-BM022216.M
Title : SVOA CALIBRATION

72	22.733	3406	3408	3409	rBV2	2753	2441	0.41%	0.032%
73	22.762	3410	3413	3417	rVV	9185	12698	2.13%	0.169%
74	22.809	3417	3421	3432	rVV	25504	46329	7.79%	0.616%
75	23.327	3501	3509	3520	rBV	251121	461667	77.62%	6.135%
76	23.462	3525	3532	3550	rVB2	176303	340911	57.32%	4.530%
77	23.944	3608	3614	3622	rBV3	14168	28835	4.85%	0.383%
78	24.044	3625	3631	3633	rBV3	6377	12061	2.03%	0.160%
79	24.674	3733	3738	3744	rVB3	7091	15347	2.58%	0.204%
80	25.521	3878	3882	3889	rVB4	7670	17709	2.98%	0.235%

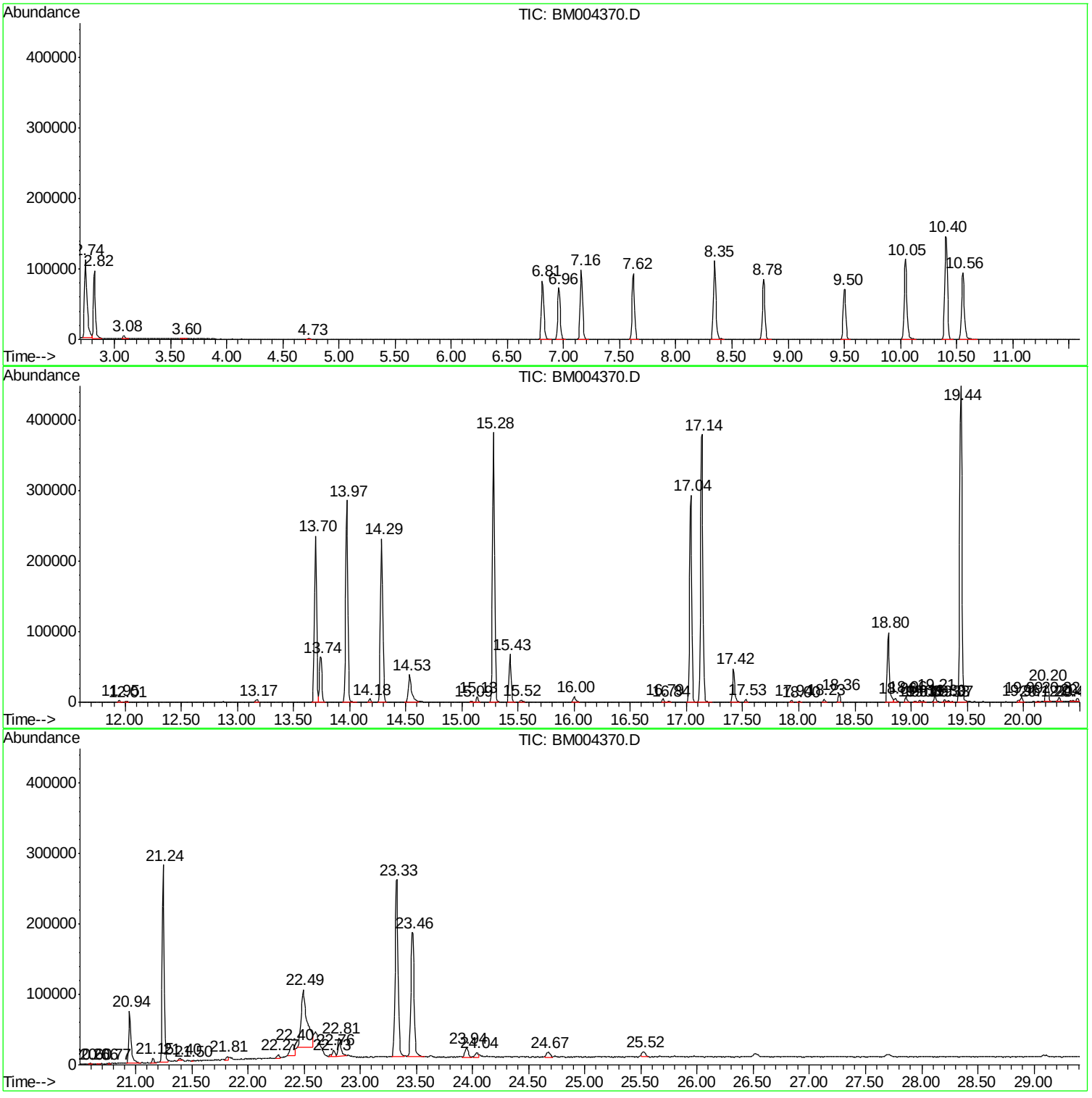
Sum of corrected areas: 7525395

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004370.D
Acq On : 24 Feb 2016 03:23
Operator : SJ/UM
Sample : H1542-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0311-S33-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004370.D
Acq On : 24 Feb 2016 03:23
Operator : SJ/UM
Sample : H1542-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S33-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

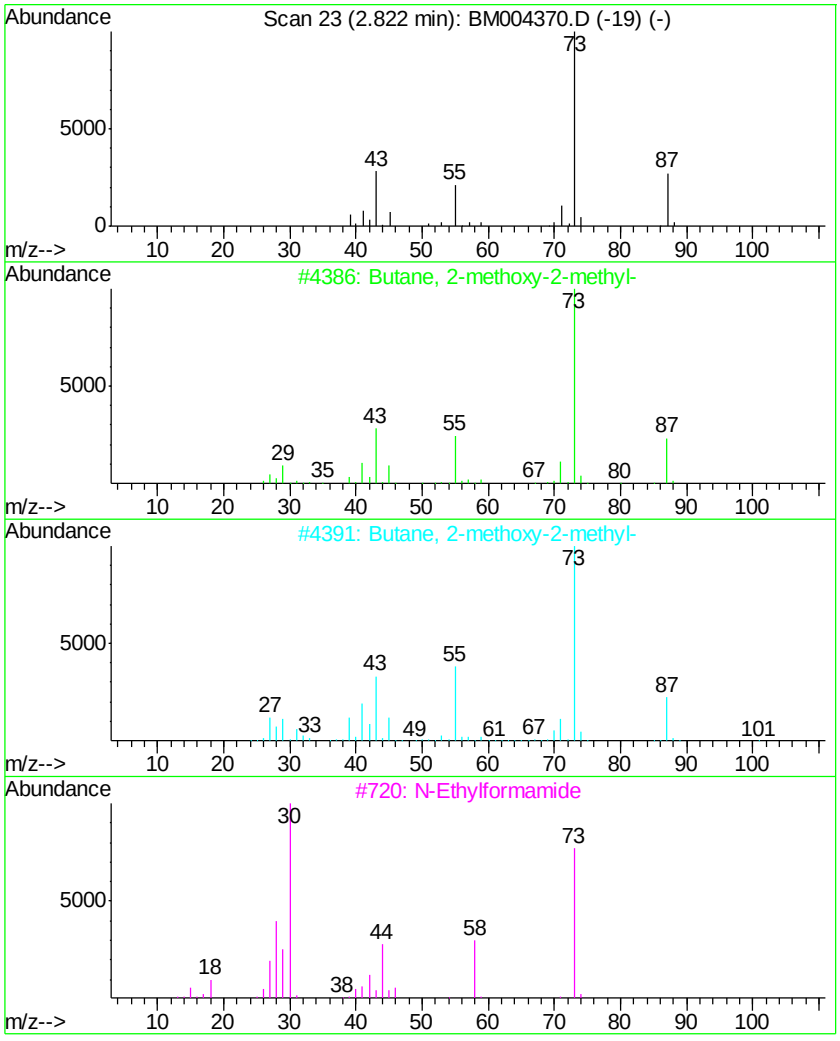
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

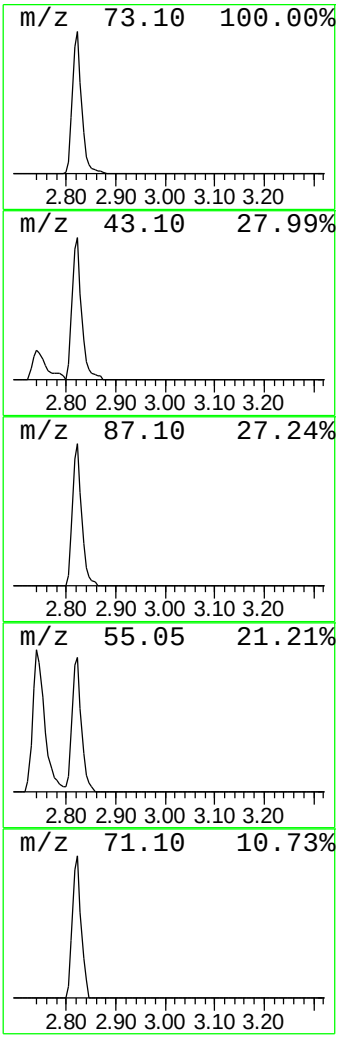
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	16.66 ng/ul	120924	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004370.D
Acq On : 24 Feb 2016 03:23
Operator : SJ/UM
Sample : H1542-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S33-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

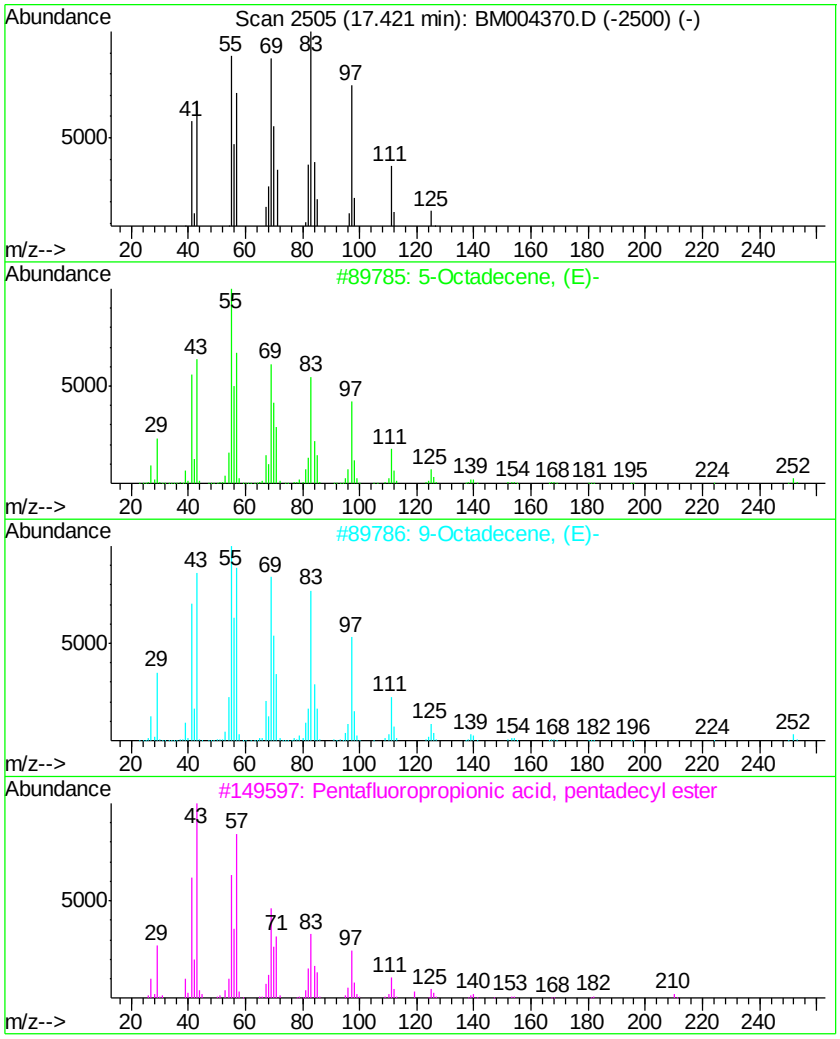
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

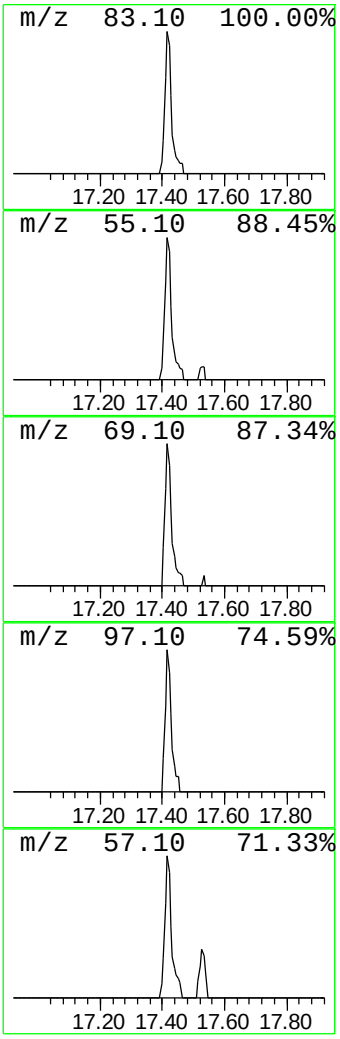
****

Peak Number 3 (DEL) Alkane: Cyclic17.42 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	3.16 ng/ul	65542	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	90
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	90
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	90
4	1-Hexadecene	224	C16H32	000629-73-2	72
5	Cyclotetradecane	196	C14H28	000295-17-0	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004370.D
Acq On : 24 Feb 2016 03:23
Operator : SJ/UM
Sample : H1542-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S33-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

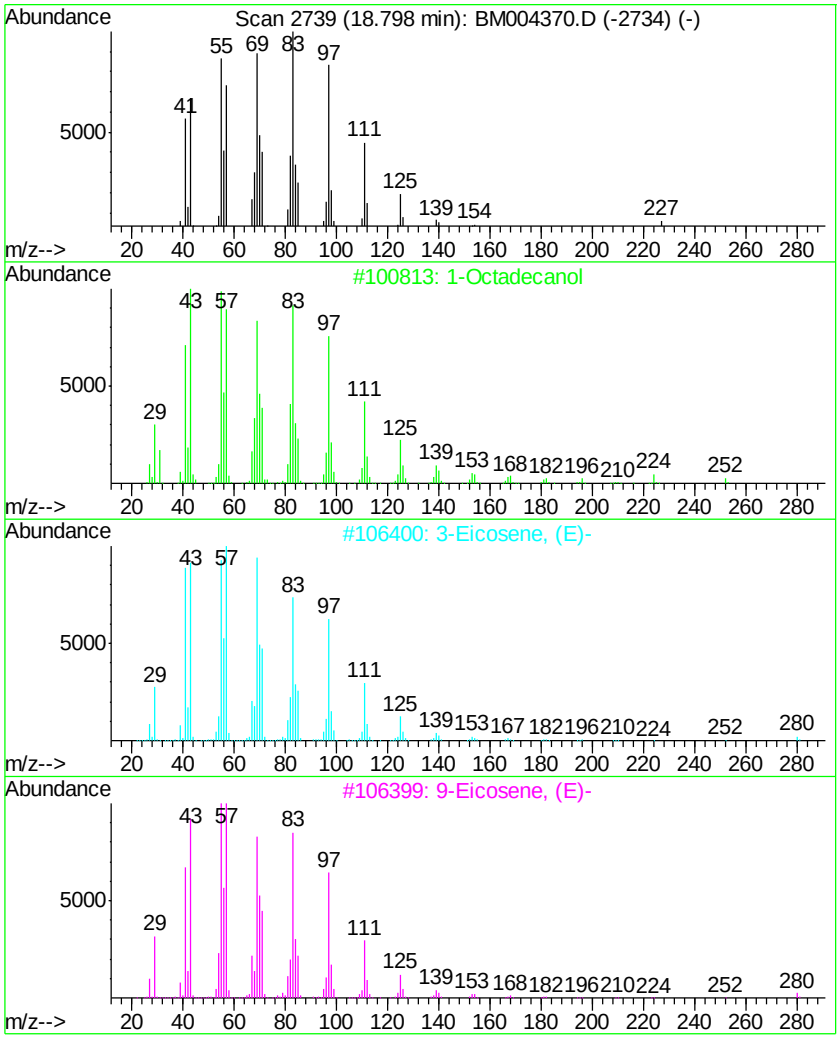
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

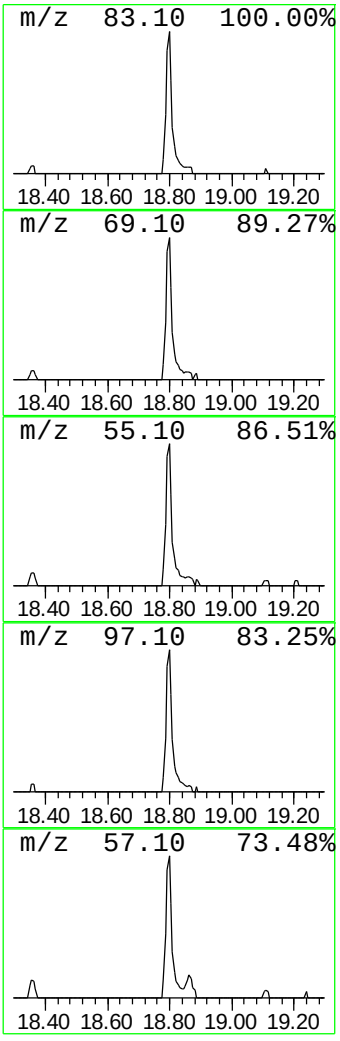
****

Peak Number 4 1-Octadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	6.48 ng/ul	134105	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004370.D
Acq On : 24 Feb 2016 03:23
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Sample : H1542-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S33-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

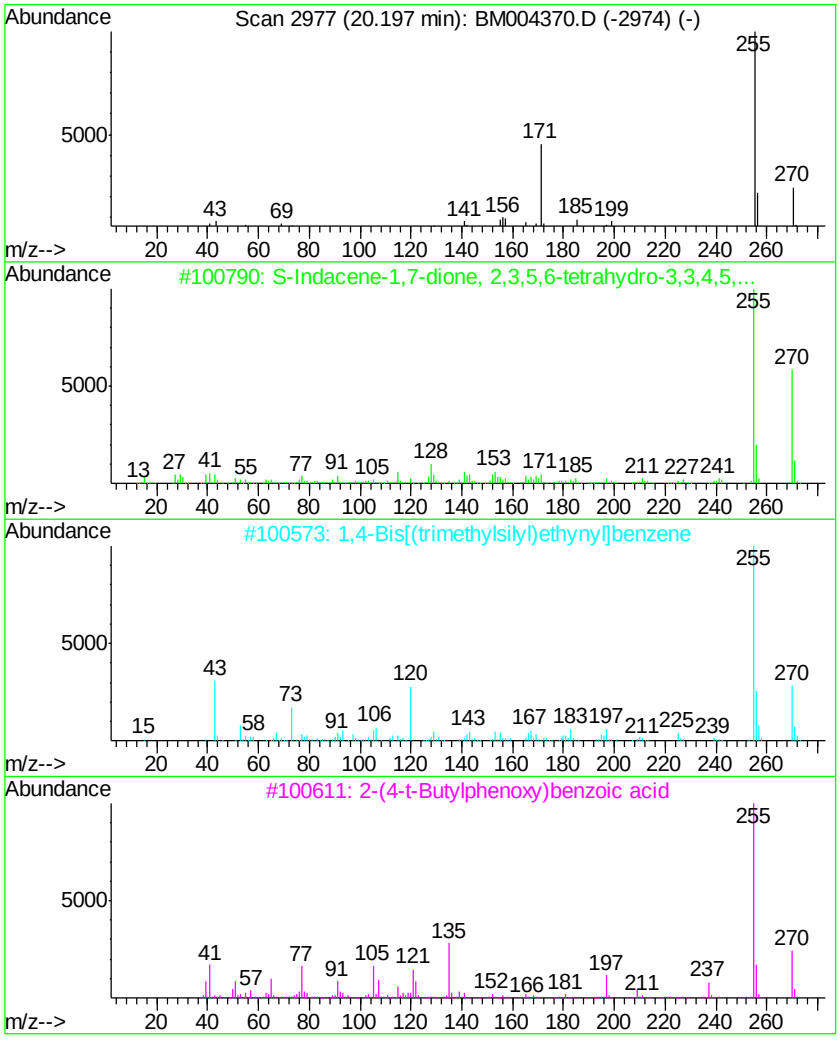
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

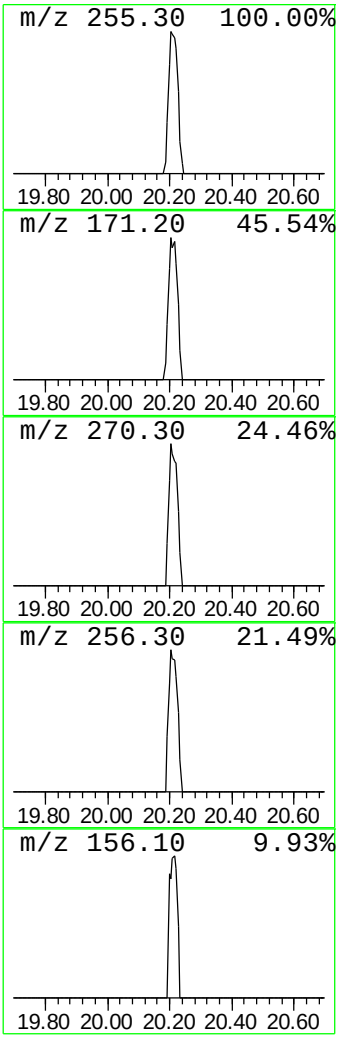
****

Peak Number 5 S-Indacene-1,7-dione, 2,3,5... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	2.43 ng/ul	43319	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	70
2	1,4-Bis[(trimethylsilyl)ethynyl]...	270	C16H22Si2	073392-23-1	52
3	2-(4-t-Butylphenoxy)benzoic acid	270	C17H18O3	069737-65-1	52
4	9(10H)-Acridinone, 1-hydroxy-3-m...	255	C15H13NO3	013161-83-6	43
5	5-Amino-2-(2-hydroxyphenyl)-4-ni...	255	C12H9N5O2	166766-12-7	43





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Operator : SJ/UM
Sample : H1542-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S33-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

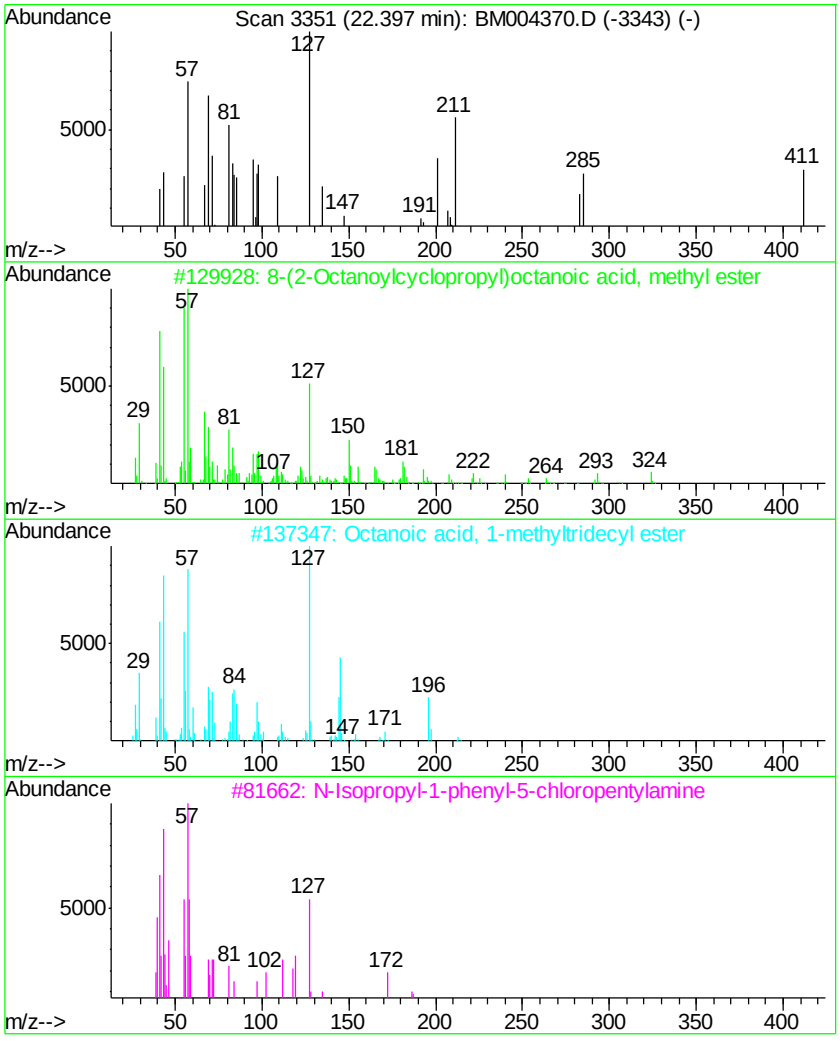
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

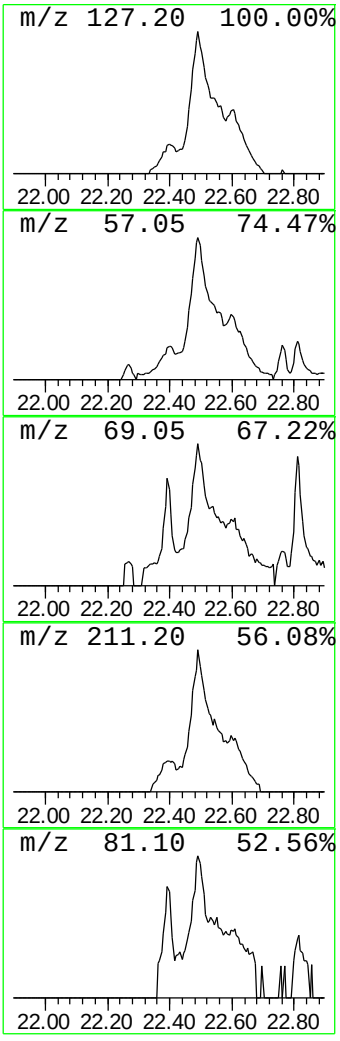
****

Peak Number 7 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.51 ng/ul	42797	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-(2-Octanoylcyclopropyl)octanoi...	324	C20H36O3	1000191-57-9	25
2	Octanoic acid, 1-methyltridecyl ...	340	C22H44O2	055193-79-8	16
3	N-Isopropyl-1-phenyl-5-chloropen...	239	C14H22ClN	125943-41-1	16
4	Hexahydropyrazin-1-propylamine, ...	315	C15H23Cl2N3	1000124-53-2	12
5	Octanoic acid, 2-pentadecyl ester	354	C23H46O2	1000280-63-0	12





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004370.D
Acq On : 24 Feb 2016 03:23
Operator : SJ/UM
Sample : H1542-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S33-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

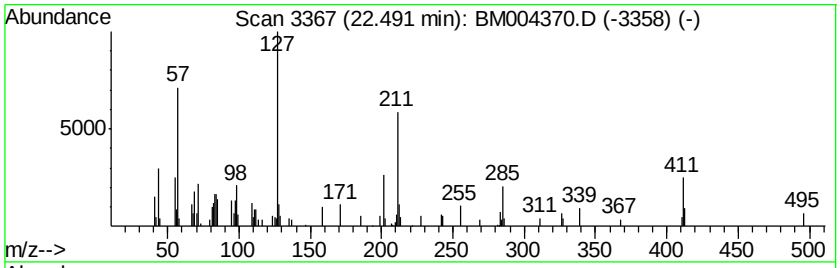
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

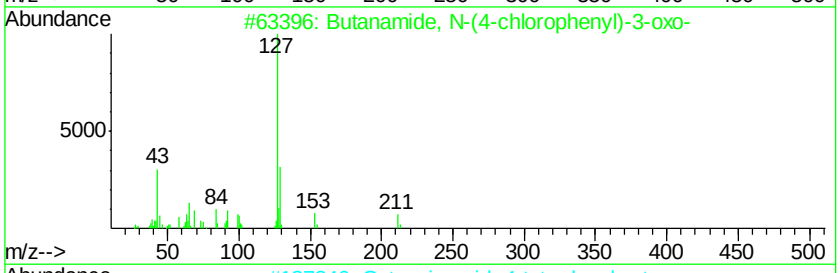
****

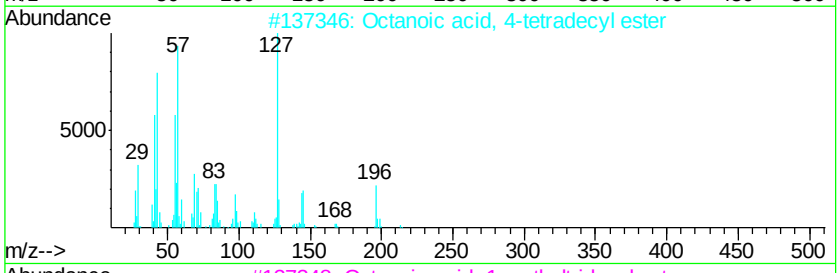
Peak Number 8 unknown-02 Concentration Rank 2

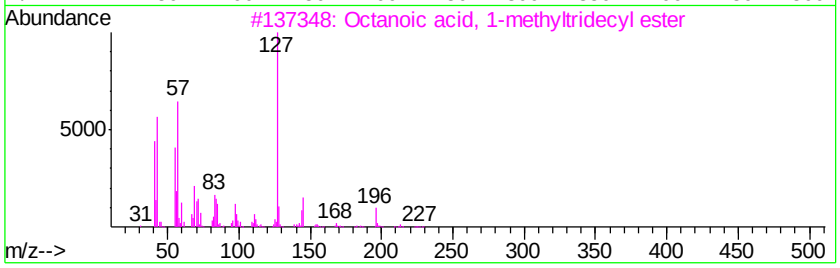
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	18.53 ng/ul	315894	Perylene-d12	23.46

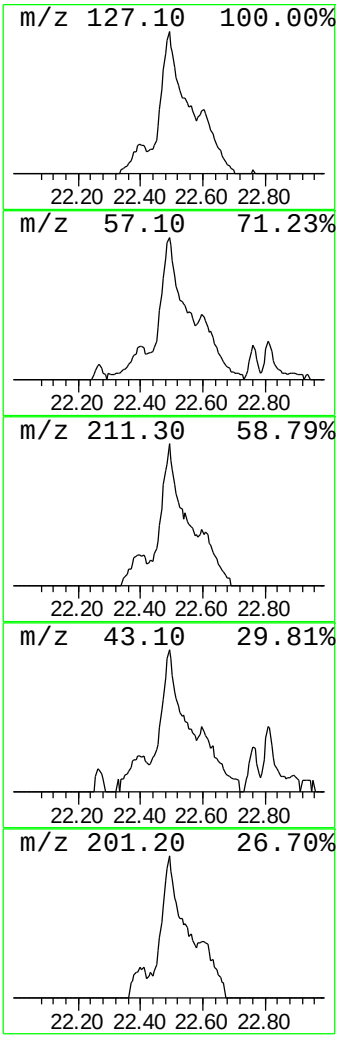
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, N-(4-chlorophenyl)-3...	211	C10H10ClNO2	000101-92-8	43
2	Octanoic acid, 4-tetradecyl ester	340	C22H44O2	1000280-62-9	25
3	Octanoic acid, 1-methyltridecyl ...	340	C22H44O2	055193-79-8	25
4	Octanoic acid, 3-tetradecyl ester	340	C22H44O2	1000280-62-8	25
5	1H-Imidazole, 1-methyl-4-nitro-	127	C4H5N3O2	003034-41-1	25











Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004370.D
Acq On : 24 Feb 2016 03:23
Operator : SJ/UM
Sample : H1542-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S33-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

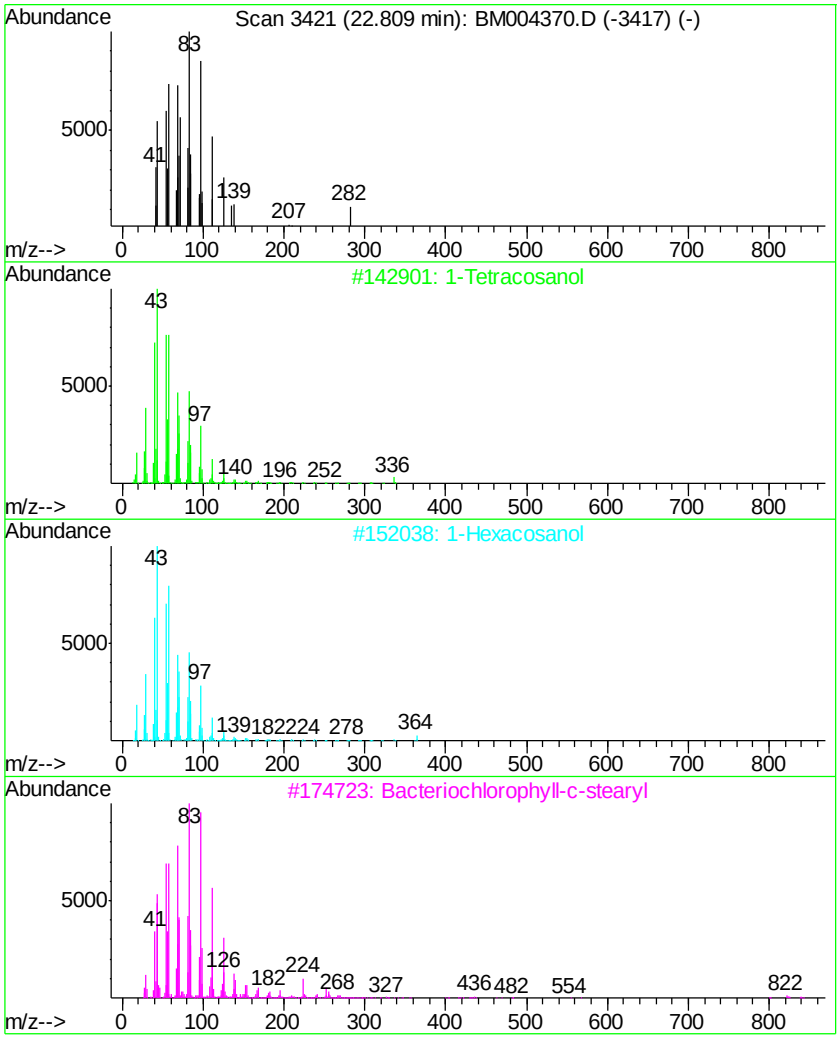
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

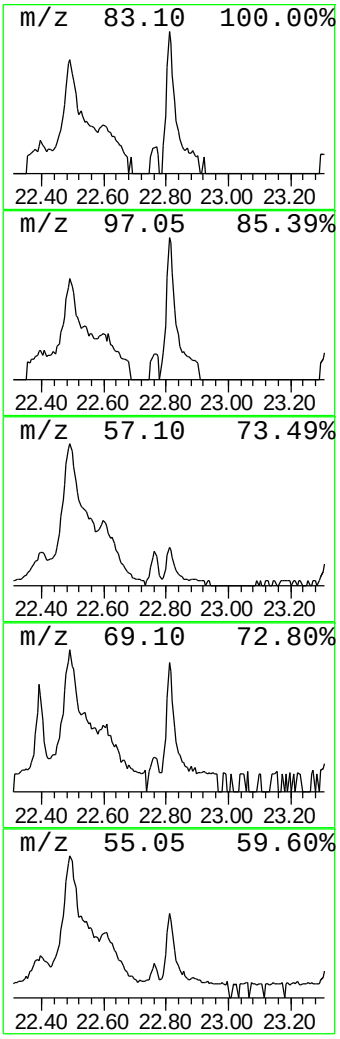
****

Peak Number 9 1-Tetracosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	2.72 ng/ul	46329	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosanol	354	C24H50O	000506-51-4	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	17-Pentatriacontene	491	C35H70	006971-40-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004370.D
Acq On : 24 Feb 2016 03:23
Operator : SJ/UM
Sample : H1542-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S33-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.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...	2.82	16.7	ng/ul	120924	1	7.62	145169	20.0
(DEL) Alkane: Cyc...	17.42	3.2	ng/ul	65542	4	17.04	414217	20.0
1-Octadecanol	18.80	6.5	ng/ul	134105	4	17.04	414217	20.0
S-Indacene-1,7-di...	20.20	2.4	ng/ul	43319	5	21.24	356198	20.0
unknown-01	22.40	2.5	ng/ul	42797	6	23.46	340911	20.0
unknown-02	22.49	18.5	ng/ul	315894	6	23.46	340911	20.0
1-Tetracosanol	22.81	2.7	ng/ul	46329	6	23.46	340911	20.0