LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1T61

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\SOM01.2-EPA-BM061015.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	2.834	19	25	34	rBV	72057	158355	6.92%	0.428%
2	2.916	34	39	55	rVB	276958	402260	17.58%	1.086%
3	3.905	202	207	212	rBV	13210	18522	0.81%	0.050%
4	5.887	540	544	549	rBV	10756	16483	0.72%	0.045%
5	6.851	702	708	716	rVB	302388	456833	19.97%	1.233%
6	7.028	731	738	746	rVB	213548	315466	13.79%	0.852%
7	7.122	746	754	762	rVB	296335	442170	19.33%	1.194%
8	7.216	762	770	781	rBV	299084	520106	22.73%	1.404%
9	7.687	844	850	857	rBV	336162	519120	22.69%	1.402%
10	8.222	932	941	947	rBV2	171500	424314	18.55%	1.146%
11	8.269	947	949	956	rVB	17832	22595	0.99%	0.061%
12	8.393	964	970	977	rBV	366970	562067	24.57%	1.517%
13	8.493	981	987	994	rBV	184165	278277	12.16%	0.751%
14	8.763	1027	1033	1039	rVB	163702	267029	11.67%	0.721%
15	8.845	1039	1047	1056	rBV	272083	427082	18.67%	1.153%
16	9.251	1110	1116	1122	rBV2	11277	16037	0.70%	0.043%
17	9.404	1136	1142	1150	rVB	139838	218483	9.55%	0.590%
18	9.563	1161	1169	1178	rVB	212252	365848	15.99%	0.988%
19	9.898	1219	1226	1232	rBV	365518	548083	23.96%	1.480%
20	10.098	1253	1260	1273	rVB2	374728	856621	37.44%	2.313%
21	10.481	1314	1325	1329	rBV	405243	811037	35.45%	2.190%
22	10.528	1329	1333	1340	rVV	125654	201844	8.82%	0.545%
23	10.622	1342	1349	1361	rBV	261853	478283	20.91%	1.291%
24	12.275	1626	1630	1635	rVB	9489	12852	0.56%	0.035%
25	12.369	1639	1646	1653	rBV	327406	494314	21.61%	1.335%
26	12.516	1660	1671	1678	rBV2	322490	818671	35.78%	2.210%
27	12.586	1678	1683	1688	rVV	9945	12848	0.56%	0.035%
28	12.828	1718	1724	1735	rBV	360024	527476	23.06%	1.424%
29	12.939	1738	1743	1749	rVB2	19119	26336	1.15%	0.071%
30	13.075	1762	1766	1770	rBV	17567	22980	1.00%	0.062%
31	13.157	1775	1780	1784	rBV	184387	258469	11.30%	0.698%
32	13.210	1784	1789	1797	rVB	523025	767613	33.55%	2.072%
33	13.751	1875	1881	1886	rBV	612708	840571	36.74%	2.269%
34	13.798	1886	1889	1896	rVB	165173	214438	9.37%	0.579%

LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1T61

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\SOM01.2-EPA-BM061015.M
Title : SVOA CALIBRATION

35	13.922	1904	1910	1916	rVB	372773	481987	21.07%	1.301%
36	13.992	1916	1922	1923	rBV	24357	27369	1.20%	0.074%
37	14.033	1923	1929	1942	rVB2	706988	1288812	56.33%	3.480%
38	14.239	1957	1964	1969	rBV2	16112	24703	1.08%	0.067%
39	14.339	1973	1981	1988	rBV2	546768	850805	37.19%	2.297%
40	14.404	1988	1992	1997	rBV2	21039	30796	1.35%	0.083%
41	14.451	1997	2000	2004	rVB2	14757	18599	0.81%	0.050%
42	14.533	2007	2014	2026	rBV	252632	398457	17.42%	1.076%
43	14.669	2032	2037	2039	rBV2	14017	17368	0.76%	0.047%
44	14.704	2039	2043	2046	rVV	141700	216029	9.44%	0.583%
45	14.739	2046	2049	2054	rVV	288755	379602	16.59%	1.025%
46	14.786	2054	2057	2062	rVB5	12526	16751	0.73%	0.045%
47	14.863	2065	2070	2076	rBV5	6613	12979	0.57%	0.035%
48	15.133	2111	2116	2121	rBV3	21659	31650	1.38%	0.085%
49	15.192	2121	2126	2131	rBV	130058	163757	7.16%	0.442%
50	15.333	2145	2150	2155	rVV	926203	1328409	58.06%	3.587%
51	15.392	2155	2160	2165	rVV	1076982	1504591	65.77%	4.062%
52	15.451	2165	2170	2182	rVB	194326	267967	11.71%	0.723%
53	15.598	2188	2195	2199	rBV4	12031	24357	1.06%	0.066%
54	15.698	2207	2212	2217	rVB5	7505	13533	0.59%	0.037%
55	16.057	2268	2273	2286	rBV3	36665	83124	3.63%	0.224%
56	16.221	2296	2301	2306	rBV6	14373	31897	1.39%	0.086%
57	16.280	2306	2311	2317	rVB	382459	514085	22.47%	1.388%
58	16.386	2323	2329	2338	rBV	312069	445647	19.48%	1.203%
59	16.457	2338	2341	2345	rBV2	22493	24778	1.08%	0.067%
60	16.557	2354	2358	2366	rBV5	10712	20963	0.92%	0.057%
61	16.627	2366	2370	2374	rVV3	13402	16454	0.72%	0.044%
62	16.733	2383	2388	2395	rBV	524942	708992	30.99%	1.914%
63	16.845	2403	2407	2411	rBV	59498	77038	3.37%	0.208%
64	17.086	2442	2448	2454	rBV2	688127	971879	42.48%	2.624%
65	17.186	2456	2465	2468	rBV	1030475	1486728	64.98%	4.014%
66	17.221	2468	2471	2476	rVB	384040	502449	21.96%	1.357%
67	17.392	2494	2500	2506	rBV5	9270	19085	0.83%	0.052%
68	17.492	2511	2517	2524	rVB	329113	460797	20.14%	1.244%
69	17.586	2529	2533	2536	rBV2	21237	25479	1.11%	0.069%
70	17.692	2546	2551	2555	rVV6	19222	32732	1.43%	0.088%
71	17.757	2556	2562	2567	rVB5	30318	46262	2.02%	0.125%

LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1T61

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\SOM01.2-EPA-BM061015.M
Title : SVOA CALIBRATION

72	17.933	2588	2592	2595	rBV	13105	18302	0.80%	0.049%
73	17.980	2595	2600	2604	rVV	55490	77026	3.37%	0.208%
74	18.033	2606	2609	2616	rVB2	19088	34652	1.51%	0.094%
75	18.274	2647	2650	2654	rVV2	13242	20629	0.90%	0.056%
76	18.321	2654	2658	2663	rVB3	19826	24978	1.09%	0.067%
77	18.504	2685	2689	2694	rBV3	24958	38894	1.70%	0.105%
78	18.557	2695	2698	2704	rVB6	12534	18223	0.80%	0.049%
79	18.721	2722	2726	2733	rVB5	15787	30438	1.33%	0.082%
80	18.798	2733	2739	2741	rBV8	8640	15048	0.66%	0.041%
81	18.845	2743	2747	2753	rBV2	73591	105487	4.61%	0.285%
82	19.227	2808	2812	2813	rBV3	12059	16896	0.74%	0.046%
83	19.257	2813	2817	2822	rVB6	41241	73211	3.20%	0.198%
84	19.486	2850	2856	2863	rVB	1232630	1663851	72.73%	4.492%
85	20.004	2940	2944	2945	rBV3	12949	17507	0.77%	0.047%
86	20.156	2968	2970	2973	rBV3	12805	17103	0.75%	0.046%
87	20.215	2977	2980	2985	rVB7	13698	17395	0.76%	0.047%
88	20.421	3010	3015	3020	rVB	756900	854568	37.35%	2.307%
89	20.986	3107	3111	3122	rBV	374056	491042	21.46%	1.326%
90	21.074	3124	3126	3131	rVB7	14848	18071	0.79%	0.049%
91	21.198	3144	3147	3152	rVB3	24967	33950	1.48%	0.092%
92	21.274	3153	3160	3166	rBV2	1169750	2287808	100.00%	6.177%
93	21.698	3230	3232	3236	rVB4	22261	25771	1.13%	0.070%
94	22.074	3291	3296	3302	rVB	742374	901810	39.42%	2.435%
95	22.450	3357	3360	3372	rVB	79154	130868	5.72%	0.353%
96	22.845	3420	3427	3431	rBV	755529	1329890	58.13%	3.591%
97	22.886	3431	3434	3442	rVB	403574	618183	27.02%	1.669%
98	23.374	3510	3517	3534	rBV2	970676	1828912	79.94%	4.938%
99	23.515	3534	3541	3550	rVB2	670346	1283159	56.09%	3.464%
100	24.133	3641	3646	3657	rVB3	74363	154981	6.77%	0.418%

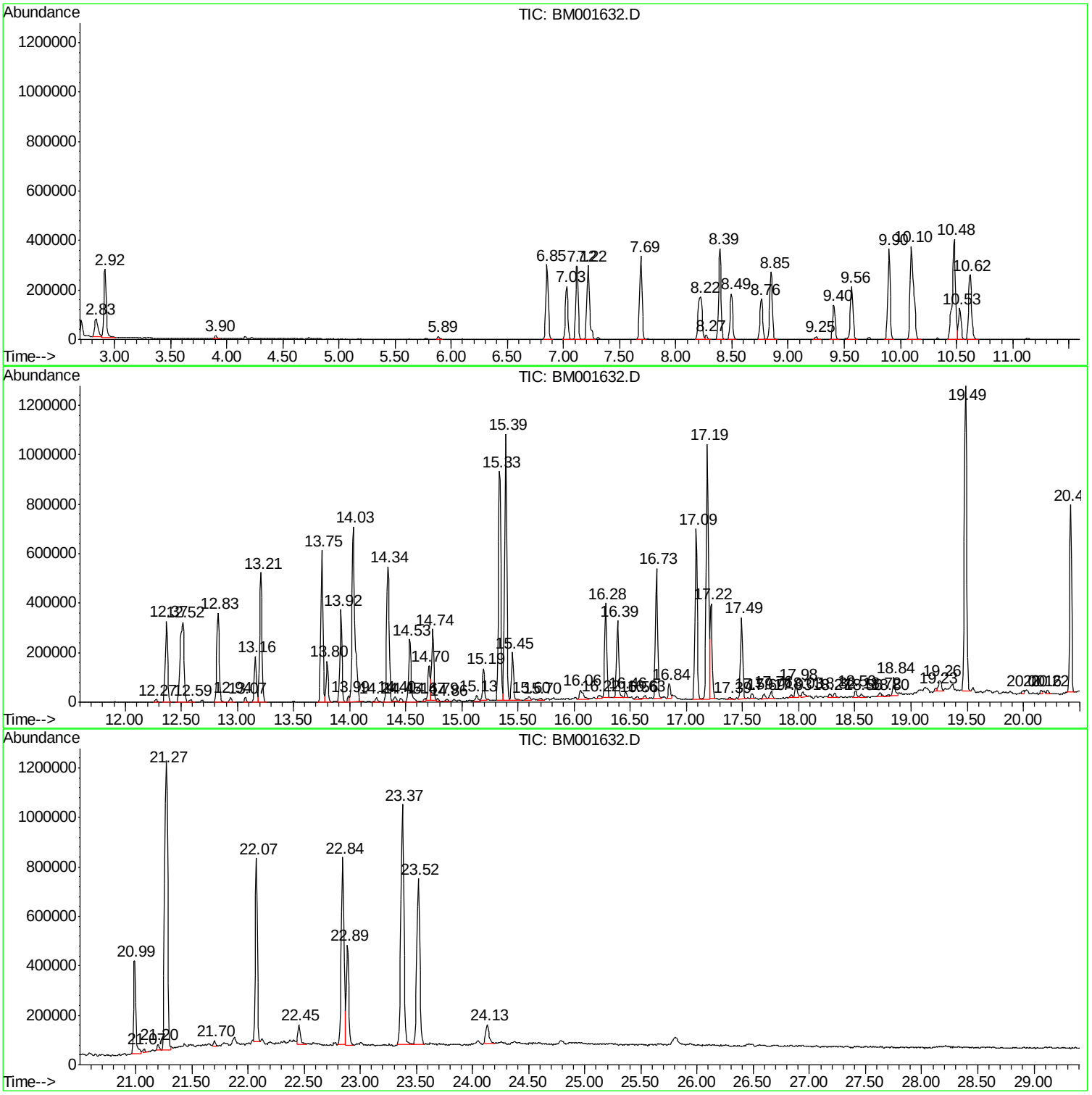
Sum of corrected areas: 37039046

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1T61

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1T61

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION

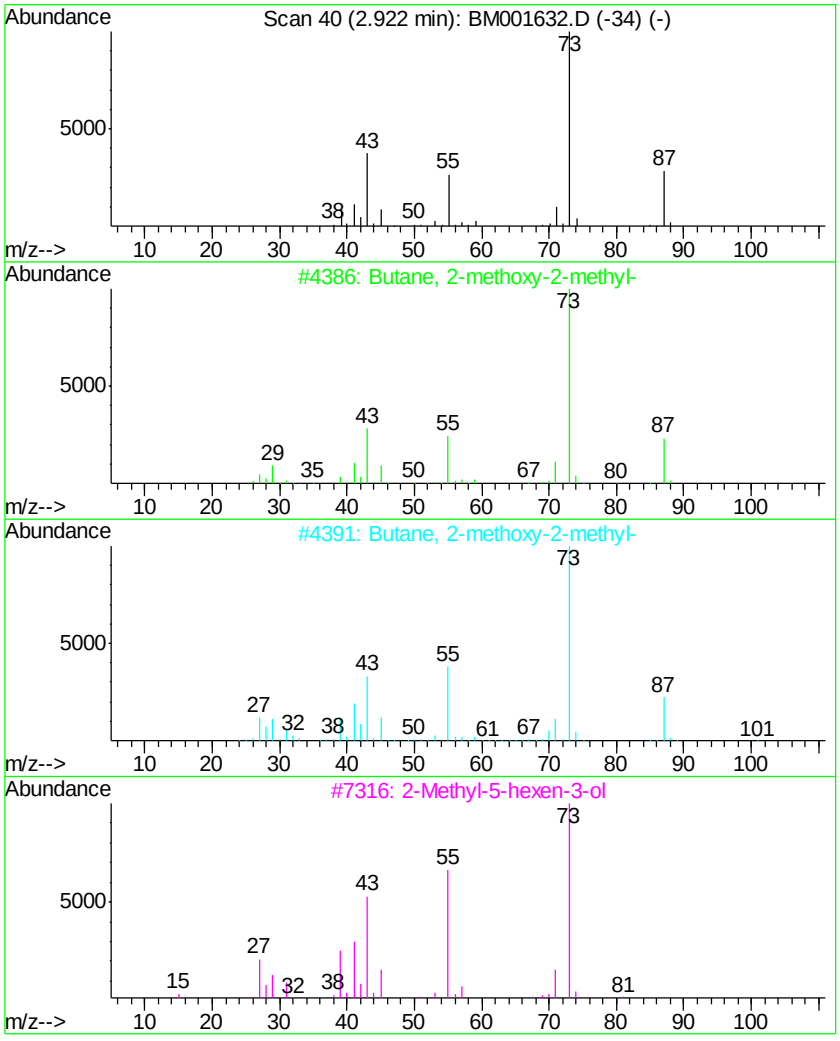
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

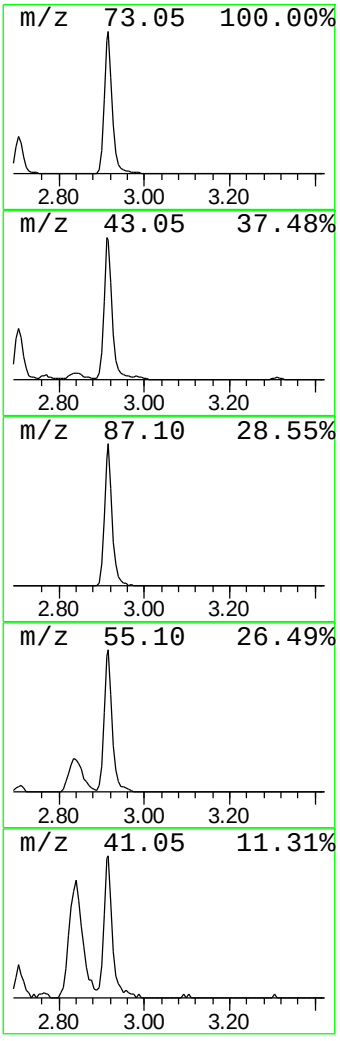
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	15.50 ng/ul	402260	1,4-Dichlorobenzene-d4	7.69

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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12





Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1T61

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION

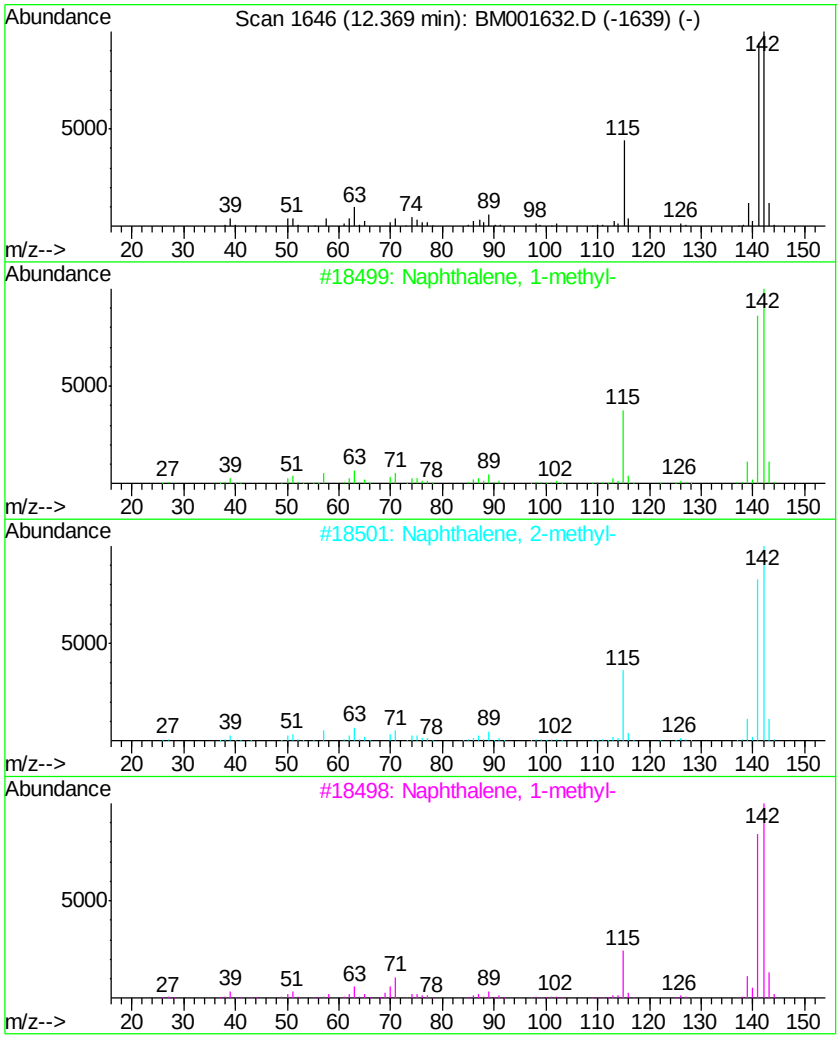
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

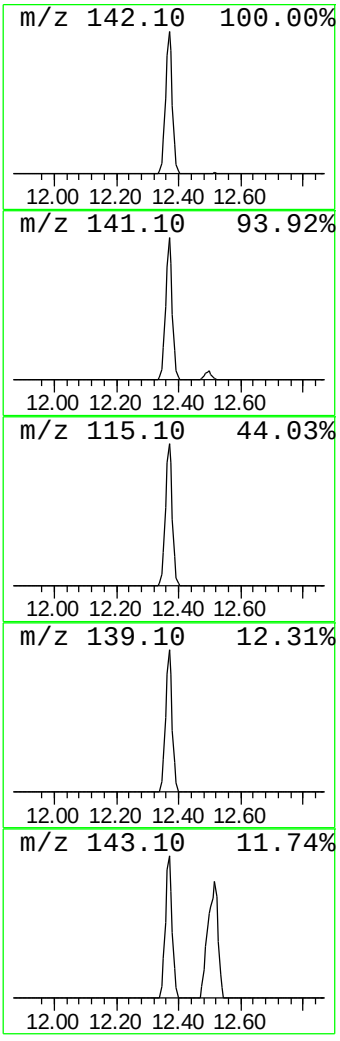
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	12.19 ng/ul	494314	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1T61

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION

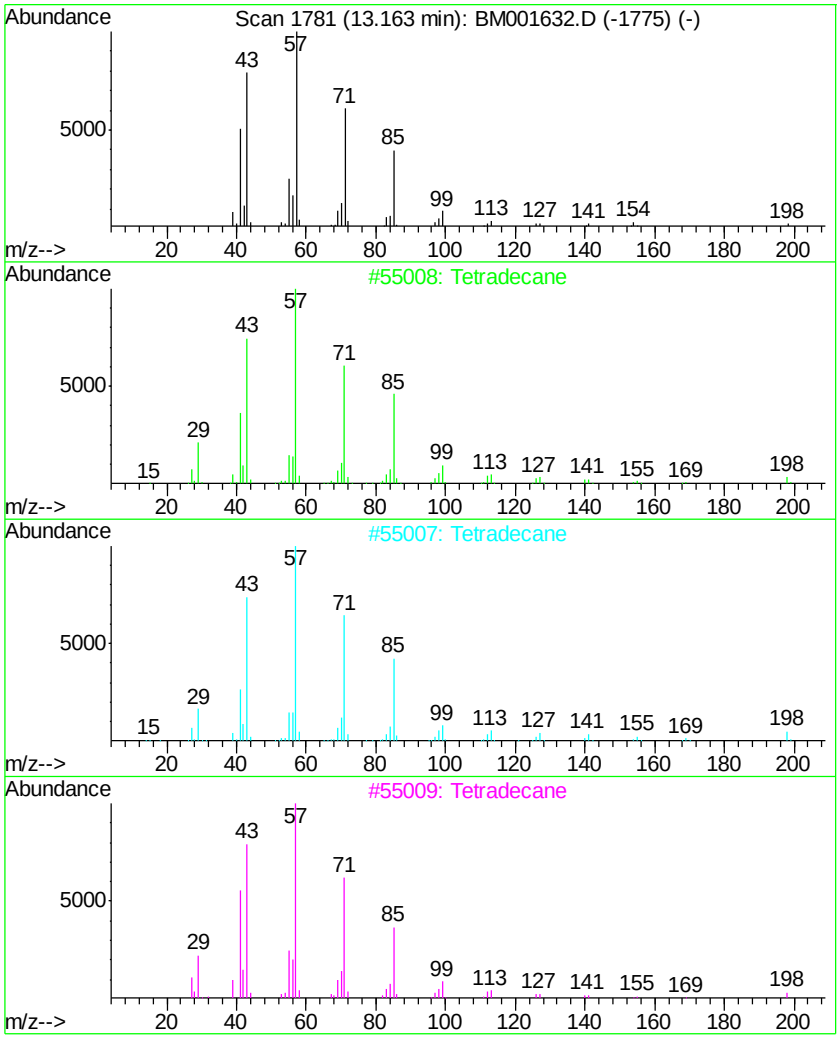
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

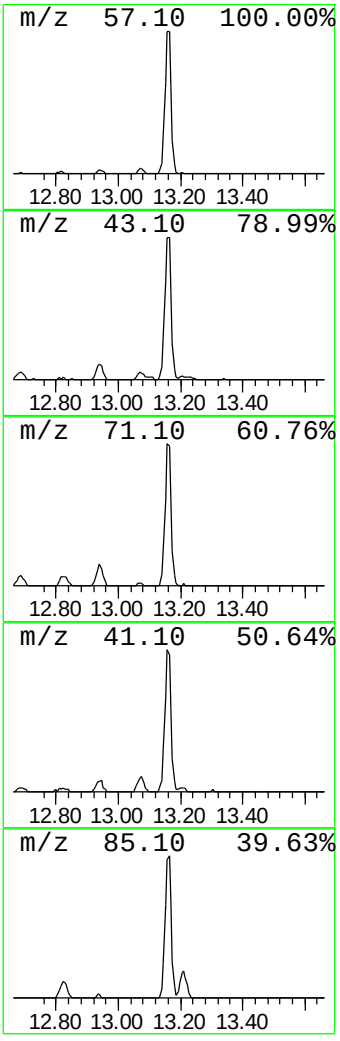
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	6.08 ng/ul	258469	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tetradecane	198	C14H30	000629-59-4	94
3	Tetradecane	198	C14H30	000629-59-4	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tridecane	184	C13H28	000629-50-5	90





Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1T61

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION

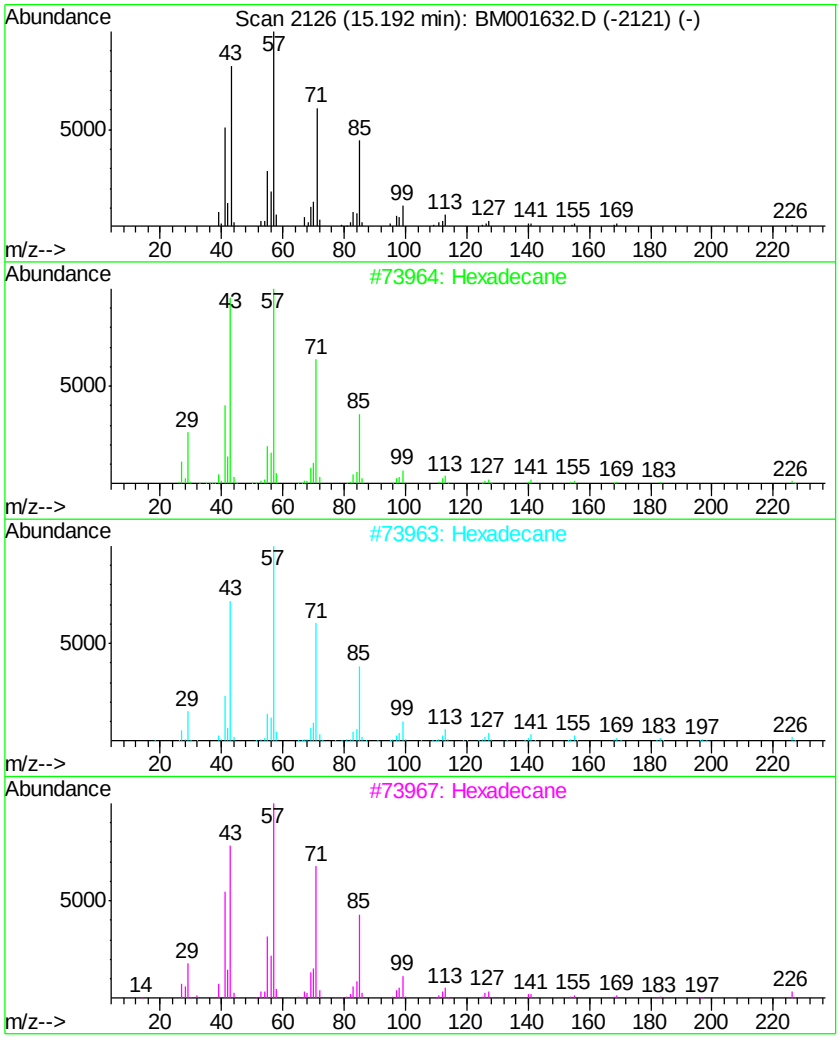
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

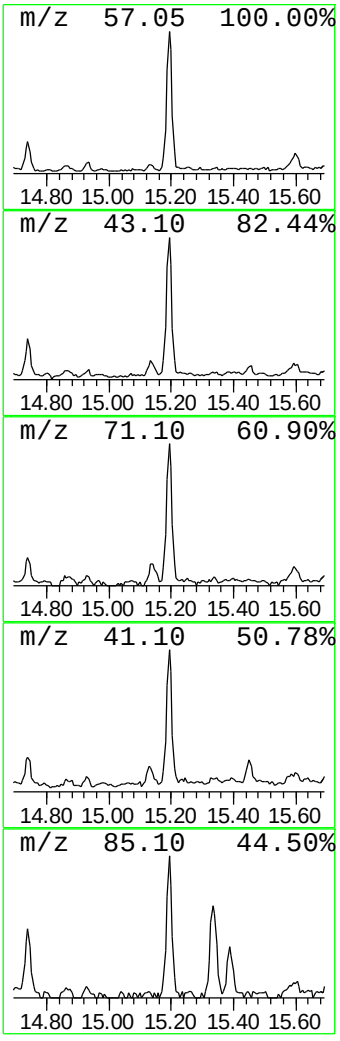
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.85 ng/ul	163757	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1T61

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION

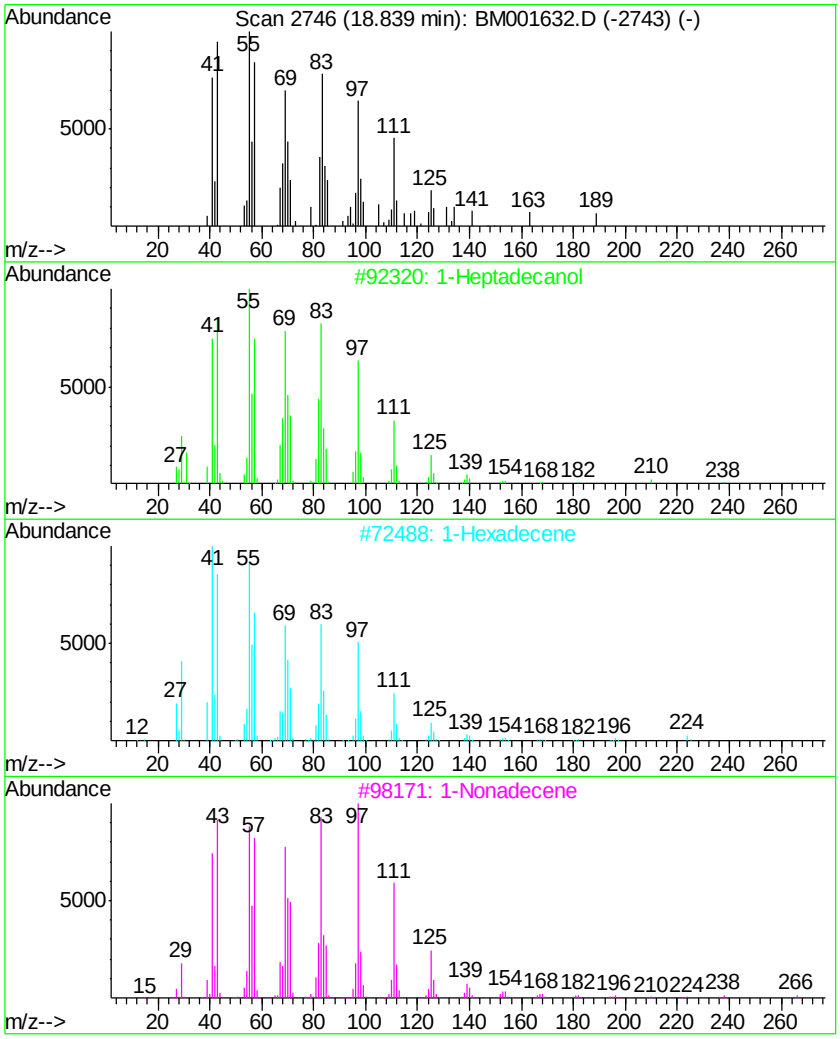
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

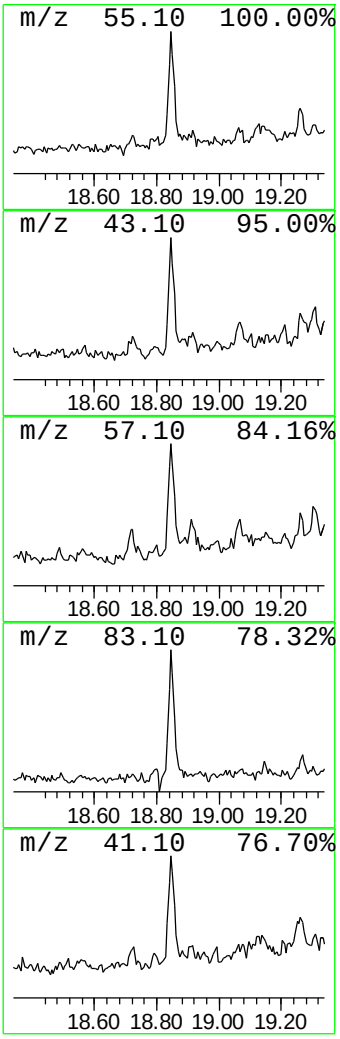
****

Peak Number 6 1-Heptadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.17 ng/ul	105487	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	95
2	1-Hexadecene	224	C16H32	000629-73-2	90
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87





Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1T61

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION

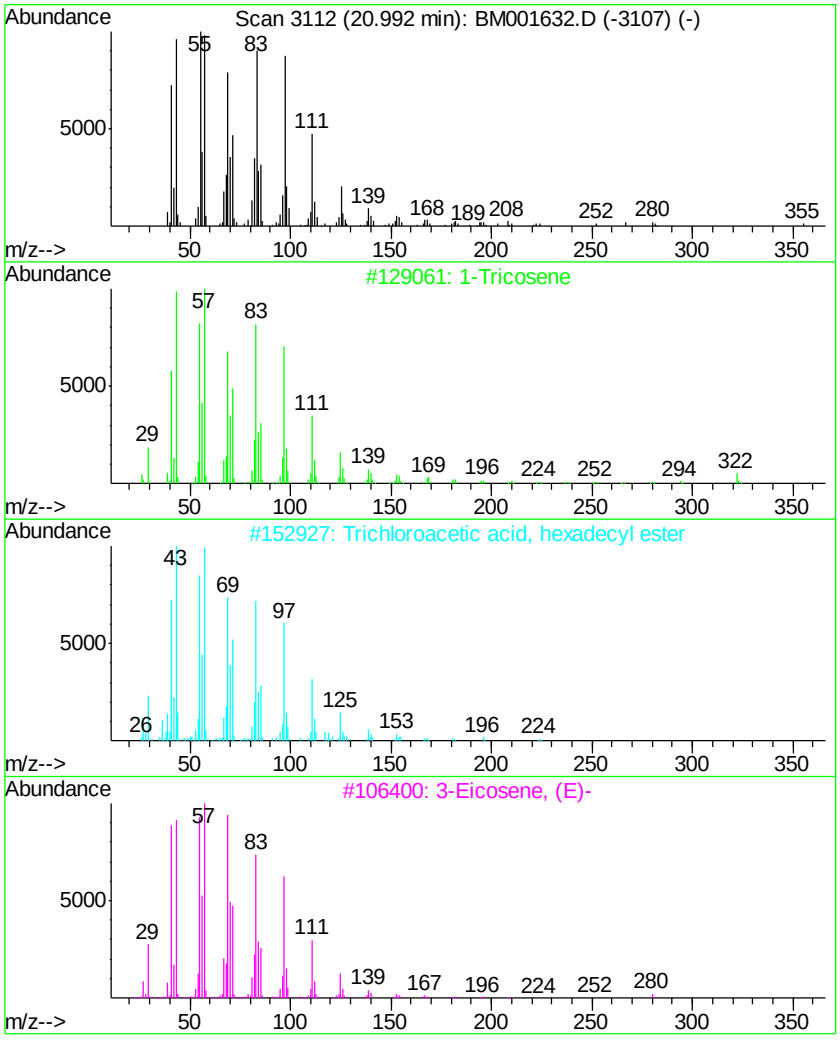
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

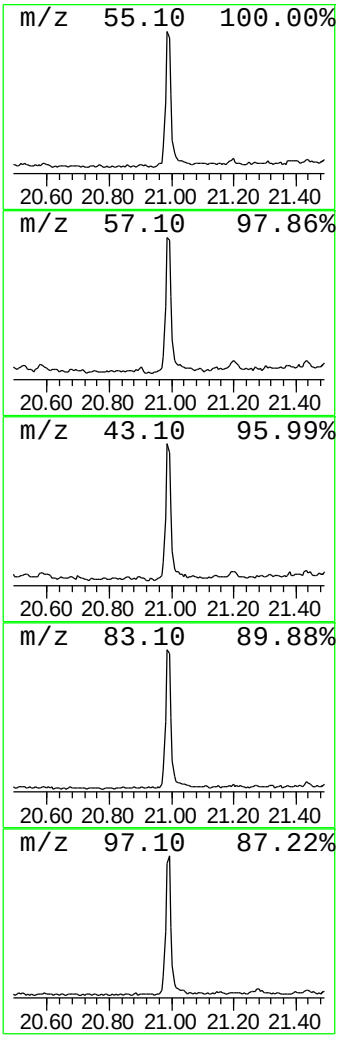
****

Peak Number 7 (DEL) Alkane: Cyclic20.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.29 ng/ul	491042	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1T61

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION

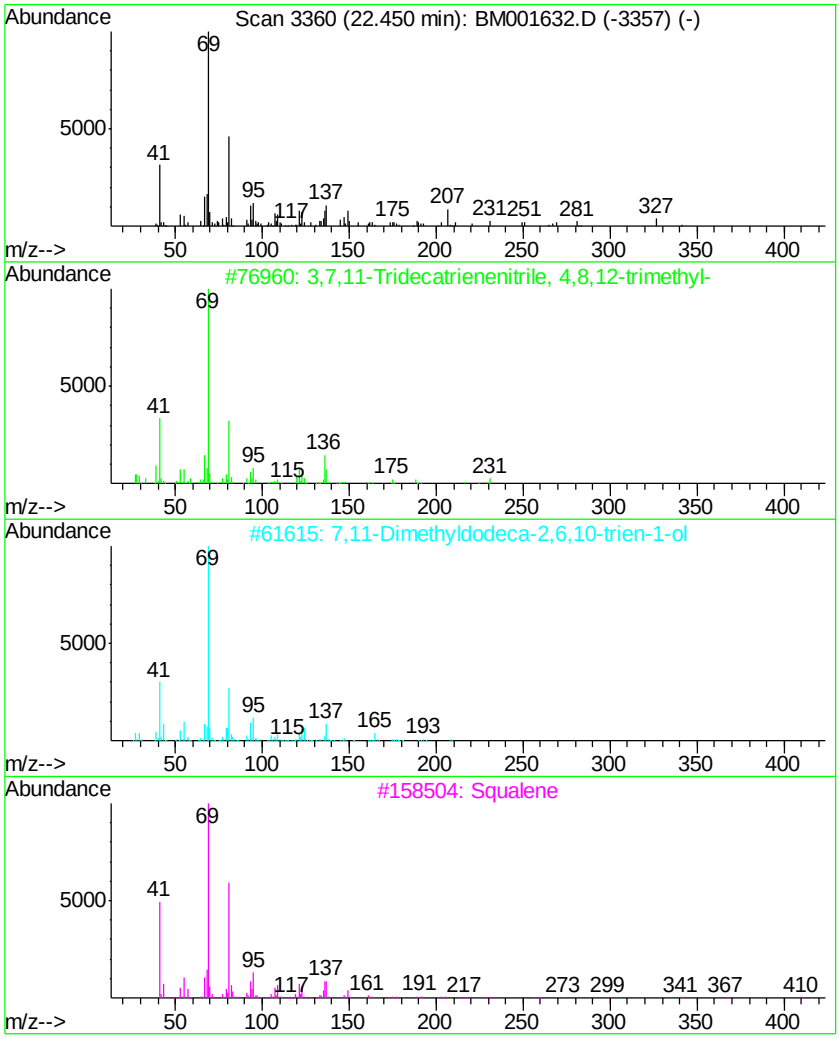
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

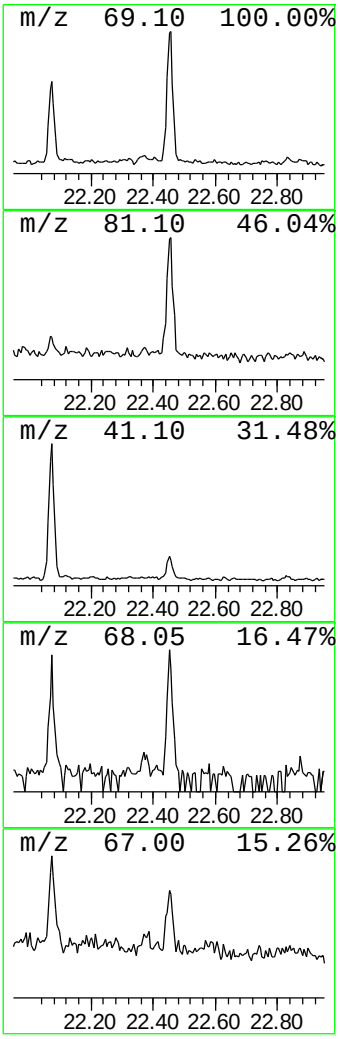
****

Peak Number 8 3,7,11-Tridecatrienenitrile... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	2.04 ng/ul	130868	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	76
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
3	Squalene	410	C30H50	007683-64-9	72
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
5	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	64





Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1T61

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION

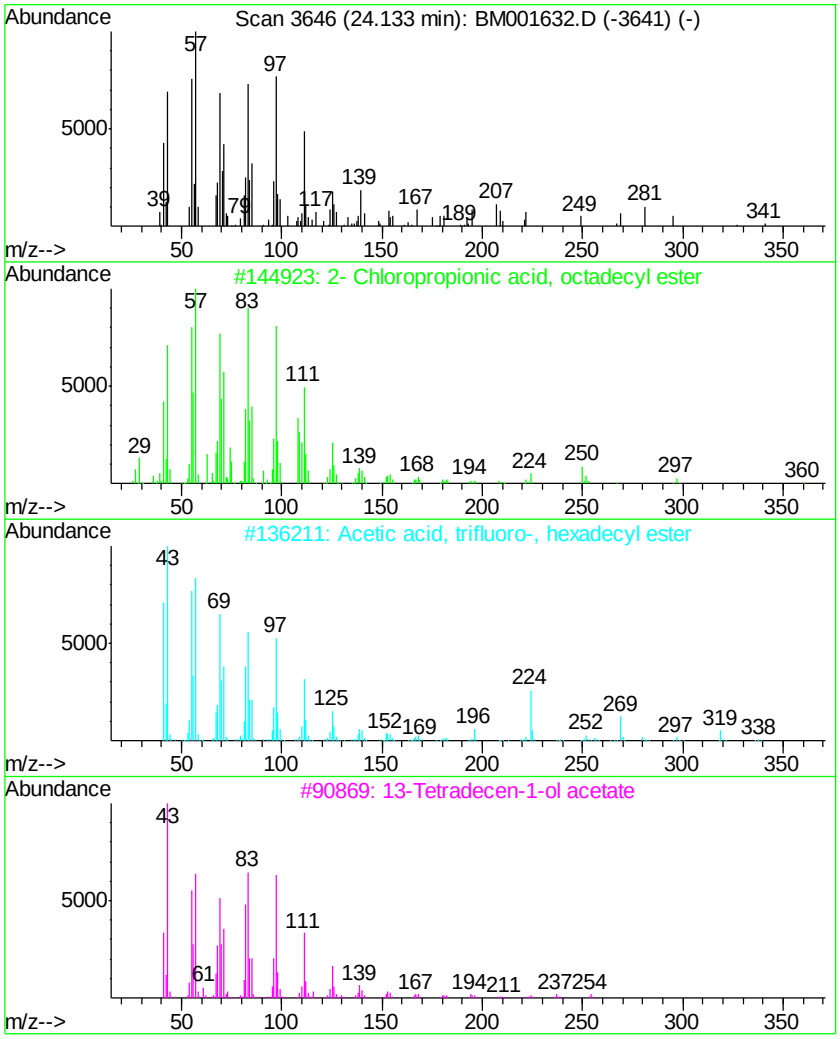
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

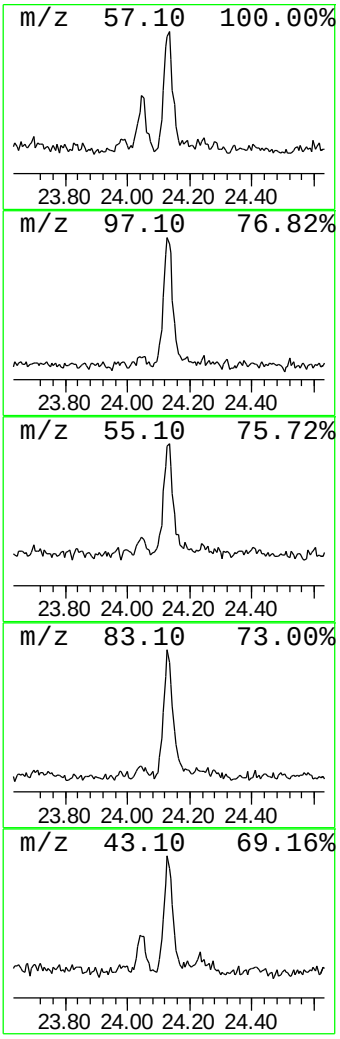
****

Peak Number 9 2- Chloropropionic acid, oc... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	2.42 ng/ul	154981	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
2	Acetic acid, trifluoro-, hexadec...	338	C18H33F3O2	006222-03-3	86
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	86
4	2- Bromopropionic acid, hexadecy...	376	C19H37BrO2	063966-83-6	86
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81





Tentatively Identified Compound (LSC) summary

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001632.D
Acq On : 10 Jun 2015 15:35
Operator : TP/IZ
Sample : G2414-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1T61

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.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...	2.92	15.5	ng/ul	402260	1	7.69	519120	20.0
Naphthalene, 1-me...	12.37	12.2	ng/ul	494314	2	10.48	811037	20.0
(DEL) Alkane: Str...	13.16	6.1	ng/ul	258469	3	14.34	850805	20.0
(DEL) Alkane: Str...	15.19	3.9	ng/ul	163757	3	14.34	850805	20.0
1-Heptadecanol	18.84	2.2	ng/ul	105487	4	17.09	971879	20.0
(DEL) Alkane: Cyc...	20.99	4.3	ng/ul	491042	5	21.28	2287810	20.0
3,7,11-Tridecatri...	22.45	2.0	ng/ul	130868	6	23.52	1283160	20.0
2- Chloropropioni...	24.13	2.4	ng/ul	154981	6	23.52	1283160	20.0