LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021360.D
Acq On : 8 Mar 2016 10:37
Operator : UM/SJ
Sample : H1655-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-C280

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_G\METHODS\SOM02.2-EPA-BG030316.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	3.190	57	60	64	rVB4	1336	1713	0.56%	0.047%
2	3.478	108	109	111	rBV2	492	451	0.15%	0.012%
3	3.537	115	119	122	rVB2	2550	3104	1.02%	0.085%
4	3.584	125	127	131	rBV	358	531	0.17%	0.015%
5	3.877	175	177	181	rVB	424	463	0.15%	0.013%
6	3.942	185	188	191	rBV	422	521	0.17%	0.014%
7	4.447	269	274	278	rBV	602	887	0.29%	0.024%
8	4.706	317	318	321	rBV	577	481	0.16%	0.013%
9	5.135	386	391	392	rBB	493	426	0.14%	0.012%
10	7.273	748	755	764	rBB	54486	91668	30.17%	2.511%
11	7.444	778	784	792	rBB	40869	64860	21.35%	1.777%
12	7.655	814	820	830	rBB	52550	88570	29.15%	2.427%
13	8.125	894	900	906	rBB	43940	70143	23.09%	1.922%
14	8.819	1012	1018	1030	rBB	68929	115154	37.91%	3.155%
15	9.283	1091	1097	1106	rBB	53229	95069	31.29%	2.605%
16	9.377	1109	1113	1114	rBB	560	472	0.16%	0.013%
17	9.671	1159	1163	1166	rBB	704	887	0.29%	0.024%
18	10.011	1214	1221	1228	rBB2	46958	82777	27.25%	2.268%
19	10.546	1306	1312	1320	rBB	67983	114209	37.59%	3.129%
20	10.934	1371	1378	1385	rBB	65751	114128	37.57%	3.127%
21	11.063	1393	1400	1407	rBV2	63325	113512	37.37%	3.110%
22	12.508	1643	1646	1647	rBB	751	702	0.23%	0.019%
23	13.537	1818	1821	1826	rBB2	1124	1423	0.47%	0.039%
24	13.613	1831	1834	1837	rBB	1672	1803	0.59%	0.049%
25	14.130	1916	1922	1927	rBV	120450	173983	57.27%	4.767%
26	14.177	1927	1930	1936	rVB	30573	41669	13.72%	1.142%
27	14.430	1966	1973	1979	rBV	135740	206916	68.11%	5.669%
28	14.606	1999	2003	2007	rBB	7216	8795	2.90%	0.241%
29	14.735	2018	2025	2031	rBB2	99111	157711	51.91%	4.321%
30	14.911	2050	2055	2069	rBV	57257	93899	30.91%	2.572%
31	15.047	2074	2078	2083	rBV2	1306	2334	0.77%	0.064%
32	15.105	2083	2088	2090	rVB	1201	1343	0.44%	0.037%
33	15.158	2094	2097	2100	rBV	1025	867	0.29%	0.024%
34	15.217	2103	2107	2114	rBV3	1715	2533	0.83%	0.069%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021360.D
Acq On : 8 Mar 2016 10:37
Operator : UM/SJ
Sample : H1655-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-C280

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_G\METHODS\SOM02.2-EPA-BG030316.M
Title : SVOA CALIBRATION

35	15.287	2116	2119	2123	rBB	781	1105	0.36%	0.030%
36	15.511	2154	2157	2160	rBB	884	934	0.31%	0.026%
37	15.552	2160	2164	2169	rBB	11157	13954	4.59%	0.382%
38	15.617	2171	2175	2178	rBV	1229	1392	0.46%	0.038%
39	15.646	2178	2180	2183	rVB	521	427	0.14%	0.012%
40	15.722	2186	2193	2199	rVB	169201	257147	84.65%	7.045%
41	15.828	2206	2211	2218	rBB	56964	81502	26.83%	2.233%
42	15.963	2223	2234	2237	rBV4	3666	8210	2.70%	0.225%
43	15.998	2237	2240	2245	rVV2	937	1202	0.40%	0.033%
44	16.051	2245	2249	2252	rVB2	1241	1564	0.51%	0.043%
45	16.104	2253	2258	2260	rBV2	1856	1765	0.58%	0.048%
46	16.175	2265	2270	2275	rBB2	1779	2078	0.68%	0.057%
47	16.369	2300	2303	2306	rBV2	535	774	0.25%	0.021%
48	16.410	2306	2310	2320	rVV	11133	19148	6.30%	0.525%
49	16.474	2320	2321	2323	rVB	918	497	0.16%	0.014%
50	16.586	2337	2340	2343	rBB	718	783	0.26%	0.021%
51	16.680	2352	2356	2357	rBB	406	439	0.14%	0.012%
52	16.750	2365	2368	2372	rBV3	1560	2535	0.83%	0.069%
53	16.809	2375	2378	2382	rVV	749	1116	0.37%	0.031%
54	16.862	2385	2387	2391	rVB3	813	1000	0.33%	0.027%
55	16.915	2394	2396	2399	rBB	1035	1144	0.38%	0.031%
56	16.991	2406	2409	2412	rBB	435	513	0.17%	0.014%
57	17.197	2440	2444	2449	rBB	4397	5926	1.95%	0.162%
58	17.256	2449	2454	2458	rBB2	1778	2253	0.74%	0.062%
59	17.467	2484	2490	2498	rBB2	122329	184419	60.71%	5.052%
60	17.567	2501	2507	2515	rBV	193059	272369	89.66%	7.462%
61	17.820	2548	2550	2553	rBV	409	473	0.16%	0.013%
62	17.937	2567	2570	2572	rBV	1225	1105	0.36%	0.030%
63	18.114	2596	2600	2603	rBV	370	525	0.17%	0.014%
64	18.331	2634	2637	2646	rBV	6300	8570	2.82%	0.235%
65	18.407	2646	2650	2652	rBV	716	646	0.21%	0.018%
66	18.748	2706	2708	2712	rBV	357	429	0.14%	0.012%
67	18.789	2712	2715	2718	rBV	349	481	0.16%	0.013%
68	19.342	2806	2809	2810	rVB	684	523	0.17%	0.014%
69	19.477	2829	2832	2837	rBV2	1718	2513	0.83%	0.069%
70	19.541	2841	2843	2844	rBV	610	482	0.16%	0.013%
71	19.571	2846	2848	2849	rBV	601	535	0.18%	0.015%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021360.D
Acq On : 8 Mar 2016 10:37
Operator : UM/SJ
Sample : H1655-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-C280

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_G\METHODS\SOM02.2-EPA-BG030316.M
Title : SVOA CALIBRATION

72	19.600	2849	2853	2854	rBV2	1276	1504	0.50%	0.041%
73	19.694	2866	2869	2870	rBV2	676	669	0.22%	0.018%
74	19.735	2871	2876	2877	rVB2	1362	1571	0.52%	0.043%
75	19.841	2888	2894	2901	rBV	221076	303791	100.00%	8.323%
76	19.923	2907	2908	2912	rBV3	874	899	0.30%	0.025%
77	20.005	2920	2922	2923	rBV2	809	566	0.19%	0.016%
78	20.094	2935	2937	2938	rBV2	975	433	0.14%	0.012%
79	20.141	2943	2945	2949	rBV2	564	716	0.24%	0.020%
80	20.276	2966	2968	2972	rBV2	854	795	0.26%	0.022%
81	20.311	2972	2974	2977	rBV3	800	1016	0.33%	0.028%
82	20.446	2995	2997	3002	rVB3	1164	1206	0.40%	0.033%
83	20.499	3002	3006	3007	rBV3	1152	1275	0.42%	0.035%
84	20.822	3060	3061	3062	rBV	2109	891	0.29%	0.024%
85	21.351	3147	3151	3161	rBV5	11099	23618	7.77%	0.647%
86	21.727	3209	3215	3224	rVB	130996	209240	68.88%	5.732%
87	23.190	3459	3464	3474	rBV5	20289	39978	13.16%	1.095%
88	23.401	3495	3500	3508	rVB	27572	51019	16.79%	1.398%
89	24.759	3722	3731	3740	rVB	103830	275516	90.69%	7.548%
90	24.982	3760	3769	3778	rVB3	72785	200923	66.14%	5.505%

Sum of corrected areas: 3650108

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021360.D
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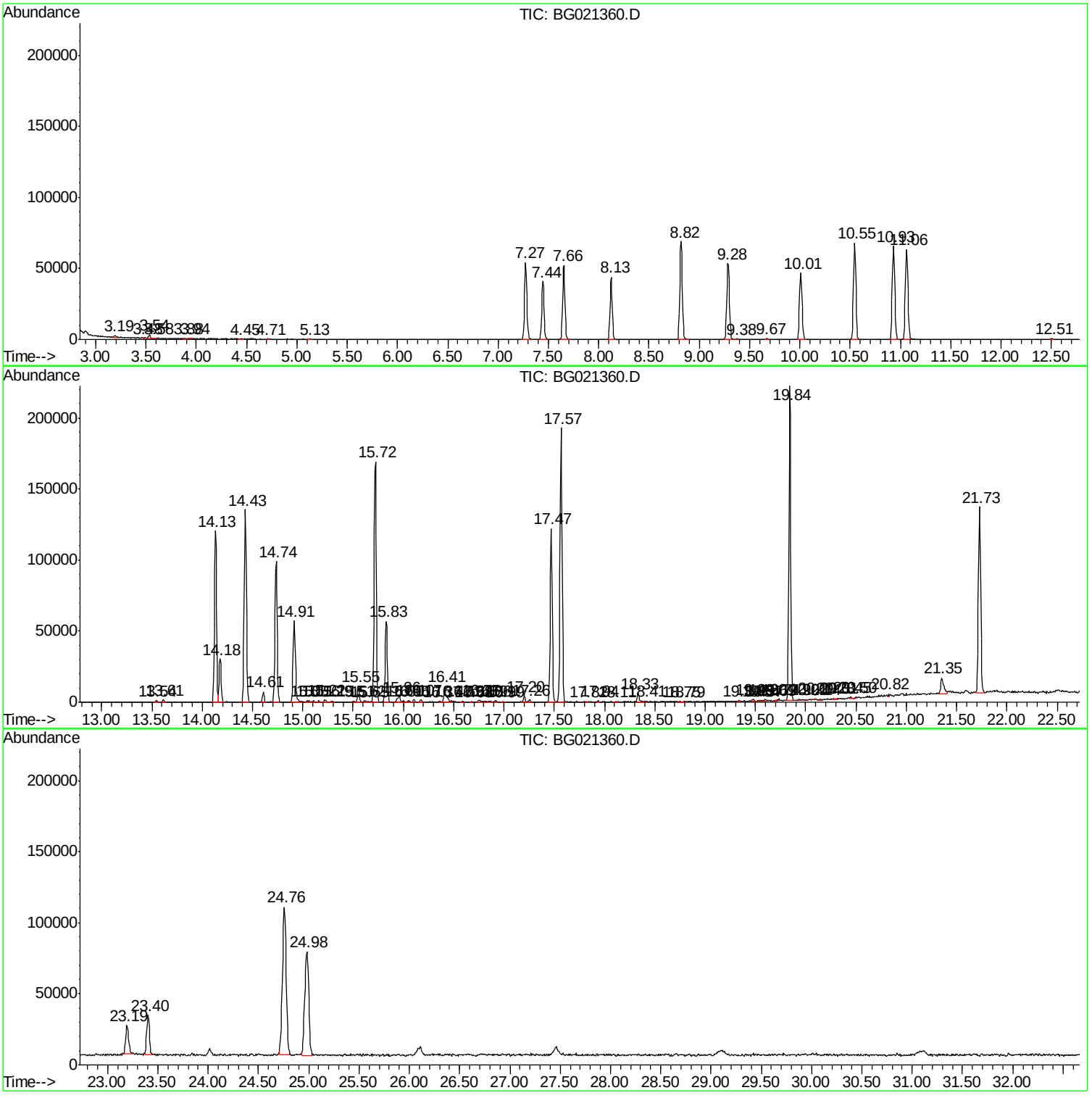
Operator : UM/SJ
Sample : H1655-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-DS-C280

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021360.D
Acq On : 8 Mar 2016 10:37
Operator : UM/SJ
Sample : H1655-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-C280

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

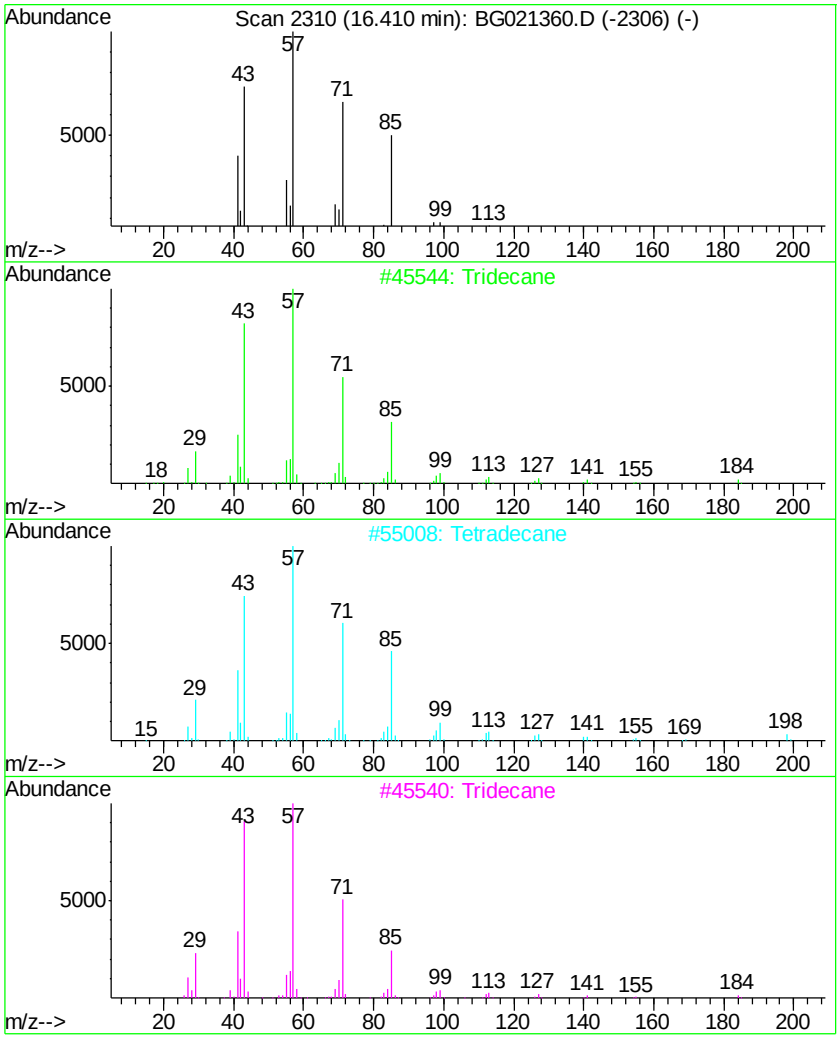
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

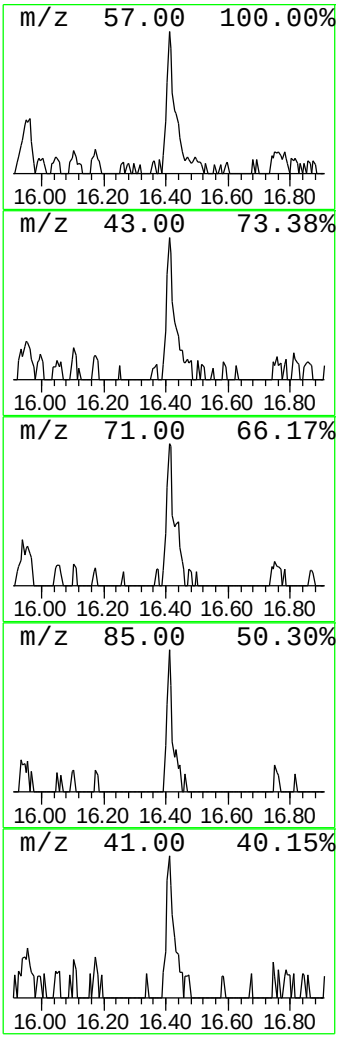
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.08 ng/ul	19148	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	78
2	Tetradecane	198	C14H30	000629-59-4	78
3	Tridecane	184	C13H28	000629-50-5	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021360.D
Acq On : 8 Mar 2016 10:37
Operator : UM/SJ
Sample : H1655-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-C280

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

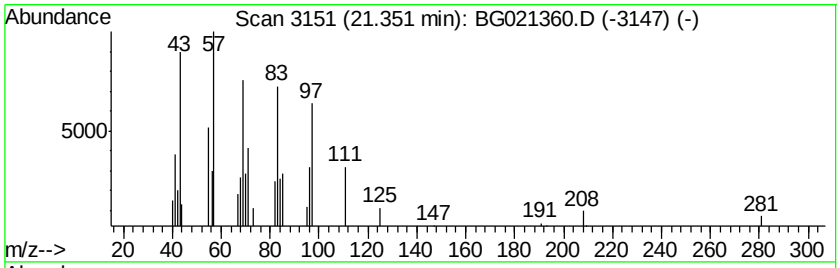
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

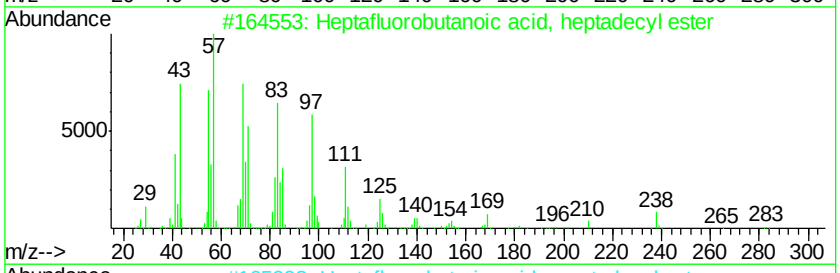
****

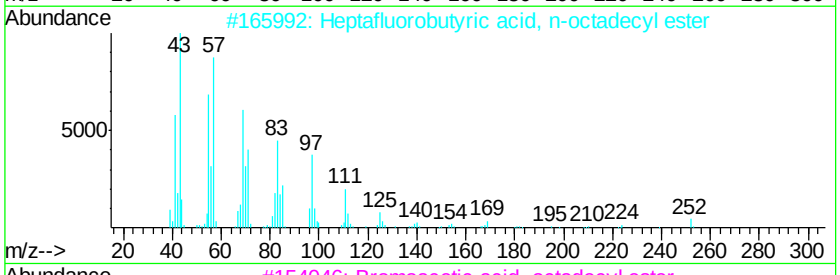
Peak Number 2 Heptafluorobutanoic acid, h... Concentration Rank 3

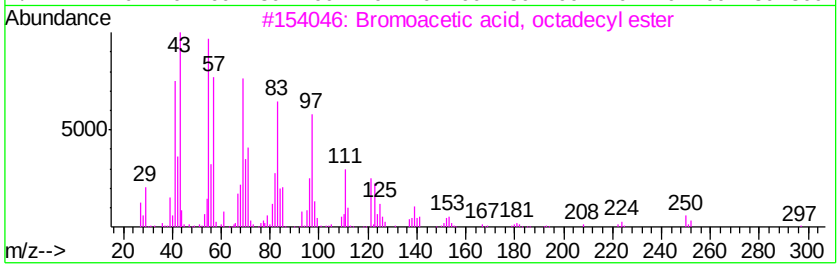
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	2.26 ng/ul	23618	Chrysene-d12	21.73

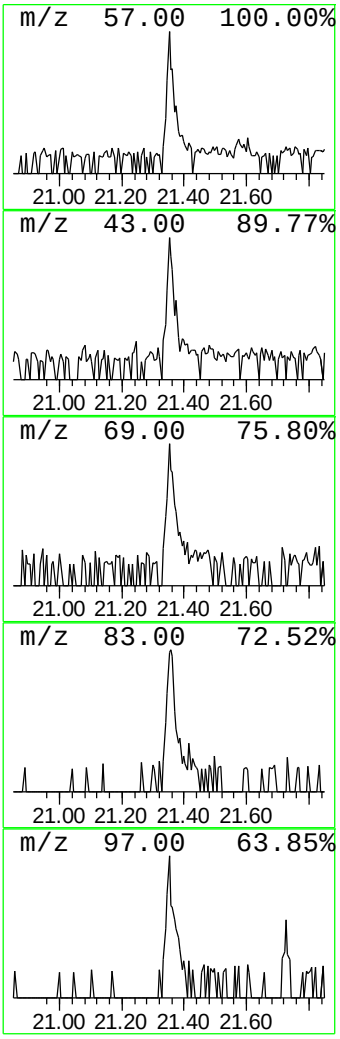
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	86
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	86
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83
4	1-Octadecanol	270	C18H38O	000112-92-5	72
5	1-Tetracosanol	354	C24H50O	000506-51-4	72











Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021360.D
Acq On : 8 Mar 2016 10:37
Operator : UM/SJ
Sample : H1655-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-C280

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

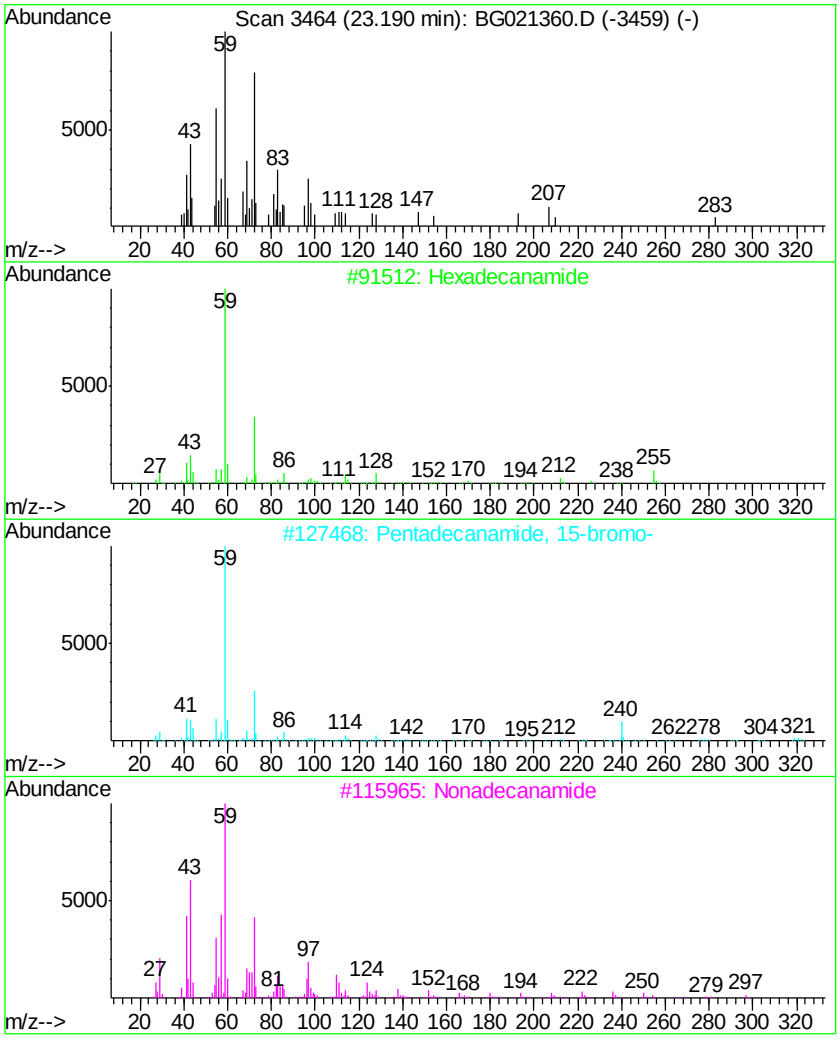
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

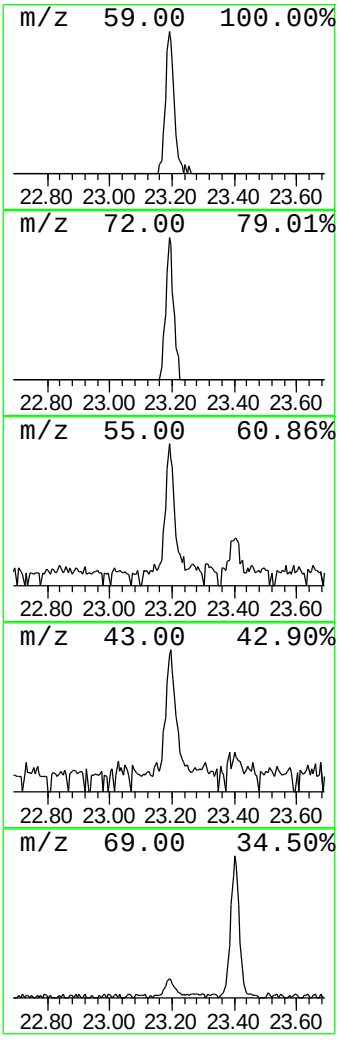
****

Peak Number 3 Hexadecanamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	3.82 ng/ul	39978	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	53
2	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	53
3	Nonadecanamide	297	C19H39NO	058185-32-3	50
4	d-Glucosamine	179	C6H13NO5	000090-77-7	50
5	Octadecanamide	283	C18H37NO	000124-26-5	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021360.D
Acq On : 8 Mar 2016 10:37
Operator : UM/SJ
Sample : H1655-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-C280

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

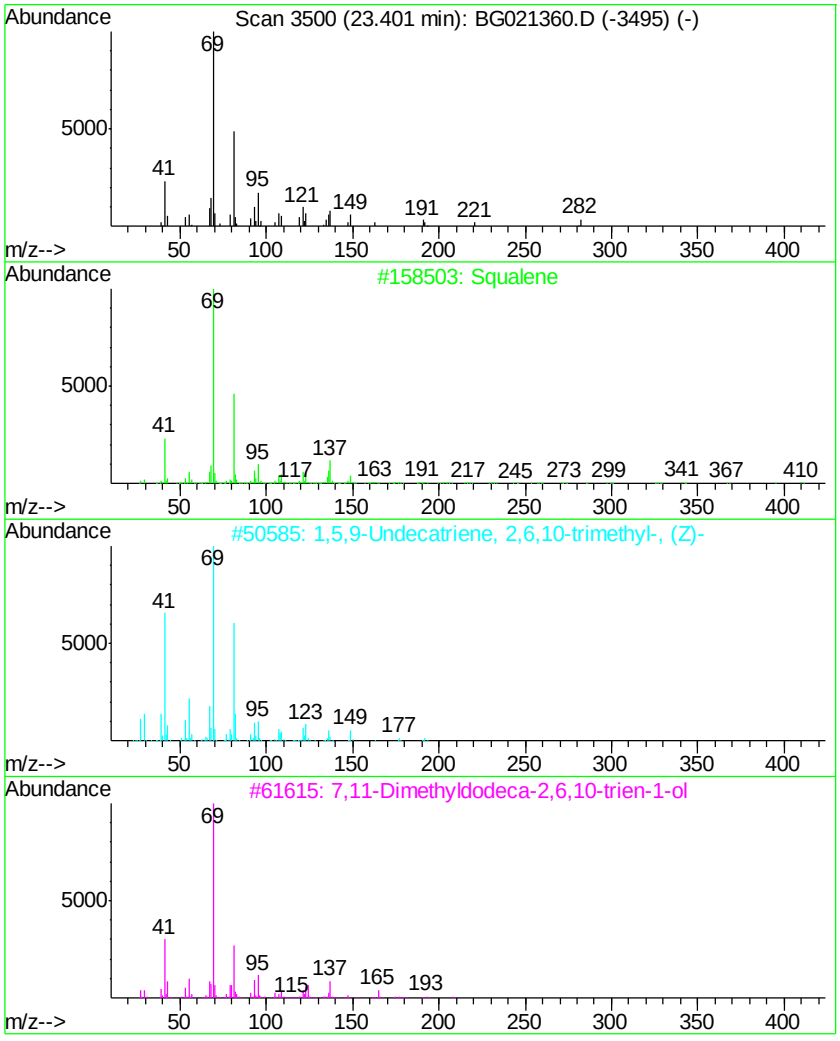
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

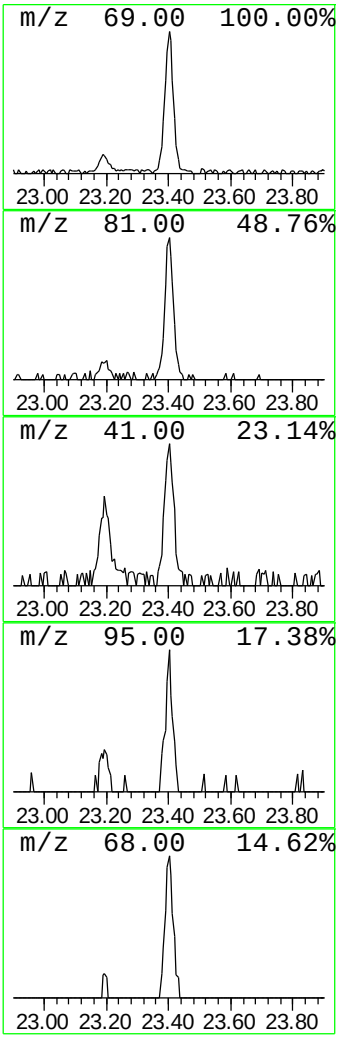
****

Peak Number 4 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	5.08 ng/ul	51019	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	86
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	56
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021360.D
Acq On : 8 Mar 2016 10:37
Operator : UM/SJ
Sample : H1655-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-C280

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.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
(DEL) Alkane: Str...	16.41	2.1	ng/ul	19148	4	17.47	184419	20.0
Heptafluorobutano...	21.35	2.3	ng/ul	23618	5	21.73	209240	20.0
Hexadecanamide	23.19	3.8	ng/ul	39978	5	21.73	209240	20.0
Squalene	23.40	5.1	ng/ul	51019	6	24.99	200923	20.0