LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021284.D
Acq On : 5 Mar 2016 00:08
Operator : UM/SJ
Sample : H1626-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ4

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	3.185	54	59	65	rVV4	1128	2010	0.51%	0.043%
2	3.532	115	118	122	rBV2	2422	3529	0.90%	0.075%
3	7.093	718	724	727	rBB	1022	1266	0.32%	0.027%
4	7.275	749	755	766	rBB	54189	94181	23.90%	1.992%
5	7.451	779	785	793	rBB	47492	76913	19.51%	1.627%
6	7.657	814	820	828	rBB	57846	95976	24.35%	2.030%
7	8.127	894	900	907	rBB	45396	73767	18.72%	1.560%
8	8.820	1012	1018	1026	rVB	70349	120082	30.47%	2.540%
9	9.290	1090	1098	1106	rBB	62389	106267	26.96%	2.247%
10	9.384	1109	1114	1119	rBB2	5258	7663	1.94%	0.162%
11	10.013	1215	1221	1228	rBB2	55011	92356	23.43%	1.953%
12	10.547	1306	1312	1319	rBB	71973	125203	31.77%	2.648%
13	10.935	1371	1378	1386	rBB	67343	116079	29.45%	2.455%
14	11.064	1394	1400	1412	rVB	61816	109606	27.81%	2.318%
15	11.693	1504	1507	1511	rBB2	1329	1910	0.48%	0.040%
16	12.504	1642	1645	1648	rBB2	797	1060	0.27%	0.022%
17	13.620	1832	1835	1838	rBB2	874	1050	0.27%	0.022%
18	14.137	1917	1923	1927	rBV	146246	203351	51.60%	4.301%
19	14.184	1927	1931	1939	rVB	74329	103647	26.30%	2.192%
20	14.431	1967	1973	1980	rBV	149701	235734	59.81%	4.986%
21	14.613	2000	2004	2007	rBV	4338	4965	1.26%	0.105%
22	14.737	2019	2025	2032	rVB2	101923	157968	40.08%	3.341%
23	14.919	2050	2056	2064	rBV	60228	96129	24.39%	2.033%
24	15.054	2076	2079	2084	rBB2	847	1280	0.32%	0.027%
25	15.107	2085	2088	2094	rBV2	849	1484	0.38%	0.031%
26	15.224	2105	2108	2111	rBB2	1521	1430	0.36%	0.030%
27	15.518	2154	2158	2161	rBV	3302	3804	0.97%	0.080%
28	15.559	2161	2165	2170	rVB	9877	12538	3.18%	0.265%
29	15.724	2185	2193	2200	rBB	205887	304599	77.28%	6.442%
30	15.835	2206	2212	2218	rVB	77081	114796	29.13%	2.428%
31	15.959	2225	2233	2238	rBV4	4089	8090	2.05%	0.171%
32	16.006	2238	2241	2244	rVB	1025	1368	0.35%	0.029%
33	16.059	2245	2250	2255	rBV2	1140	1655	0.42%	0.035%
34	16.112	2256	2259	2264	rVV2	1397	1727	0.44%	0.037%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021284.D
Acq On : 5 Mar 2016 00:08
Operator : UM/SJ
Sample : H1626-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ4

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	16.176	2267	2270	2275	rBV	1634	1898	0.48%	0.040%
36	16.417	2307	2311	2314	rBV2	12250	16756	4.25%	0.354%
37	16.599	2338	2342	2345	rVV2	607	989	0.25%	0.021%
38	16.758	2365	2369	2373	rBV3	1702	3149	0.80%	0.067%
39	16.817	2377	2379	2383	rBV2	1382	1393	0.35%	0.029%
40	16.922	2394	2397	2400	rVB2	1499	2125	0.54%	0.045%
41	16.987	2406	2408	2413	rBV2	1341	1851	0.47%	0.039%
42	17.034	2413	2416	2419	rVB	949	1251	0.32%	0.026%
43	17.075	2419	2423	2424	rBV	964	1000	0.25%	0.021%
44	17.210	2440	2446	2451	rBV2	8891	12100	3.07%	0.256%
45	17.263	2451	2455	2460	rVB3	2555	3797	0.96%	0.080%
46	17.475	2483	2491	2497	rBV	134113	195804	49.68%	4.141%
47	17.575	2501	2508	2515	rVV	234803	343083	87.05%	7.256%
48	17.833	2549	2552	2555	rBV3	2405	3445	0.87%	0.073%
49	17.945	2567	2571	2576	rBV	4926	6049	1.53%	0.128%
50	18.227	2615	2619	2623	rVV3	1264	1550	0.39%	0.033%
51	18.344	2634	2639	2649	rBV	40776	59631	15.13%	1.261%
52	18.421	2649	2652	2656	rVV4	1933	3147	0.80%	0.067%
53	18.450	2656	2657	2660	rVV3	1084	1232	0.31%	0.026%
54	18.479	2660	2662	2664	rVV3	1243	1148	0.29%	0.024%
55	18.632	2683	2688	2692	rBV2	3731	5366	1.36%	0.113%
56	18.673	2692	2695	2699	rVV	849	1244	0.32%	0.026%
57	18.738	2699	2706	2707	rVV2	2328	3419	0.87%	0.072%
58	18.761	2707	2710	2713	rVB4	3946	4464	1.13%	0.094%
59	18.932	2735	2739	2746	rVB	28207	36256	9.20%	0.767%
60	19.079	2760	2764	2766	rBV2	2657	3138	0.80%	0.066%
61	19.196	2781	2784	2786	rVB4	1471	1652	0.42%	0.035%
62	19.255	2790	2794	2800	rVB3	2141	2919	0.74%	0.062%
63	19.484	2827	2833	2837	rBV3	3672	7211	1.83%	0.153%
64	19.560	2841	2846	2848	rBV4	1841	2466	0.63%	0.052%
65	19.602	2849	2853	2857	rBV2	17983	21594	5.48%	0.457%
66	19.737	2874	2876	2879	rVB2	1587	1185	0.30%	0.025%
67	19.848	2889	2895	2902	rVB	286665	394125	100.00%	8.335%
68	19.925	2904	2908	2911	rBV6	822	1503	0.38%	0.032%
69	20.254	2962	2964	2965	rBV2	1533	1287	0.33%	0.027%
70	20.277	2965	2968	2972	rVV	10785	13324	3.38%	0.282%
71	20.330	2972	2977	2980	rVV5	6285	9462	2.40%	0.200%

LSC Area Percent Report

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Acq On : 5 Mar 2016 00:08
Operator : UM/SJ
Sample : H1626-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ4

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	20.354	2980	2981	2985	rVB3	3422	3405	0.86%	0.072%
73	20.424	2991	2993	2997	rBV3	1019	1443	0.37%	0.031%
74	20.495	3002	3005	3008	rBV5	1887	2692	0.68%	0.057%
75	20.671	3032	3035	3036	rBV2	1919	2151	0.55%	0.045%
76	20.841	3062	3064	3066	rBV2	2652	2334	0.59%	0.049%
77	20.941	3079	3081	3083	rBV3	1216	1124	0.29%	0.024%
78	21.018	3091	3094	3096	rBV4	1913	2609	0.66%	0.055%
79	21.176	3119	3121	3125	rVB3	1736	1584	0.40%	0.034%
80	21.317	3143	3145	3147	rBV3	1776	1615	0.41%	0.034%
81	21.358	3147	3152	3159	rBV	164433	243113	61.68%	5.142%
82	21.734	3210	3216	3228	rBV	141725	239777	60.84%	5.071%
83	21.922	3245	3248	3256	rVB7	5295	8803	2.23%	0.186%
84	22.551	3347	3355	3367	rBV2	46101	100076	25.39%	2.117%
85	22.792	3394	3396	3397	rBV2	2302	1347	0.34%	0.028%
86	23.092	3445	3447	3449	rBV2	1995	1863	0.47%	0.039%
87	23.421	3499	3503	3509	rVB7	5370	10787	2.74%	0.228%
88	23.520	3519	3520	3522	rBV2	1647	990	0.25%	0.021%
89	23.756	3558	3560	3561	rBV2	2414	1884	0.48%	0.040%
90	24.038	3603	3608	3613	rBV4	6700	11809	3.00%	0.250%
91	24.778	3723	3734	3746	rVB	135769	369002	93.63%	7.804%
92	24.995	3762	3771	3781	rVV	78299	211588	53.69%	4.475%
93	25.089	3783	3787	3789	rBV4	1782	2632	0.67%	0.056%
94	26.041	3947	3949	3950	rBV2	2221	1442	0.37%	0.030%
95	26.059	3950	3952	3954	rBV3	2235	1560	0.40%	0.033%
96	26.264	3980	3987	3999	rBV9	12755	41947	10.64%	0.887%
97	26.828	4081	4083	4085	rBV3	1703	989	0.25%	0.021%
98	28.703	4400	4402	4405	rBV4	1621	1899	0.48%	0.040%
99	31.482	4873	4875	4877	rBV2	1658	1307	0.33%	0.028%
100	32.557	5056	5058	5060	rBV2	1696	1010	0.26%	0.021%

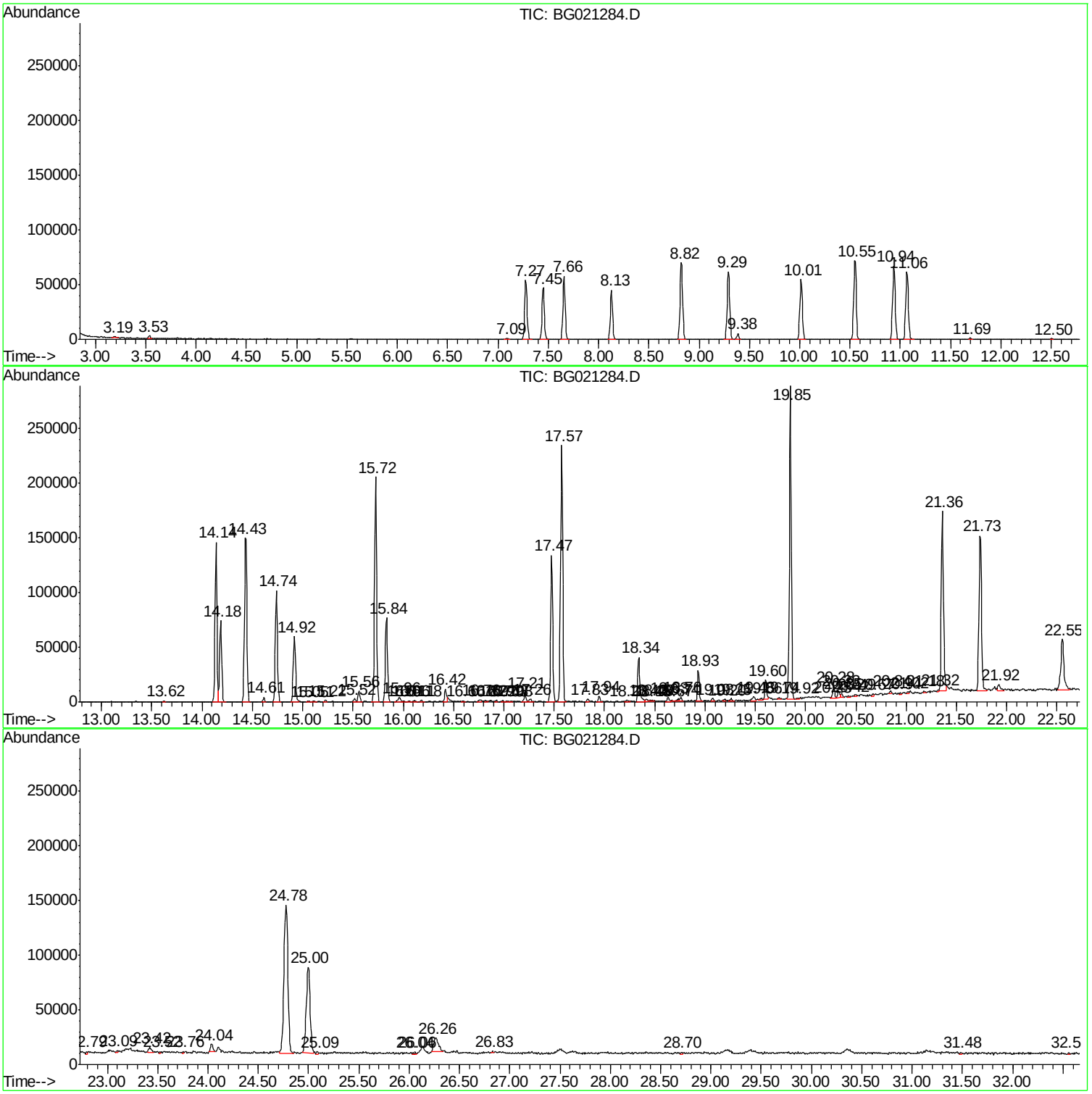
Sum of corrected areas: 4728278

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021284.D
Acq On : 5 Mar 2016 00:08
Operator : UM/SJ
Sample : H1626-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ4

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021284.D
Acq On : 5 Mar 2016 00:08
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Quant Title : SVOA CALIBRATION

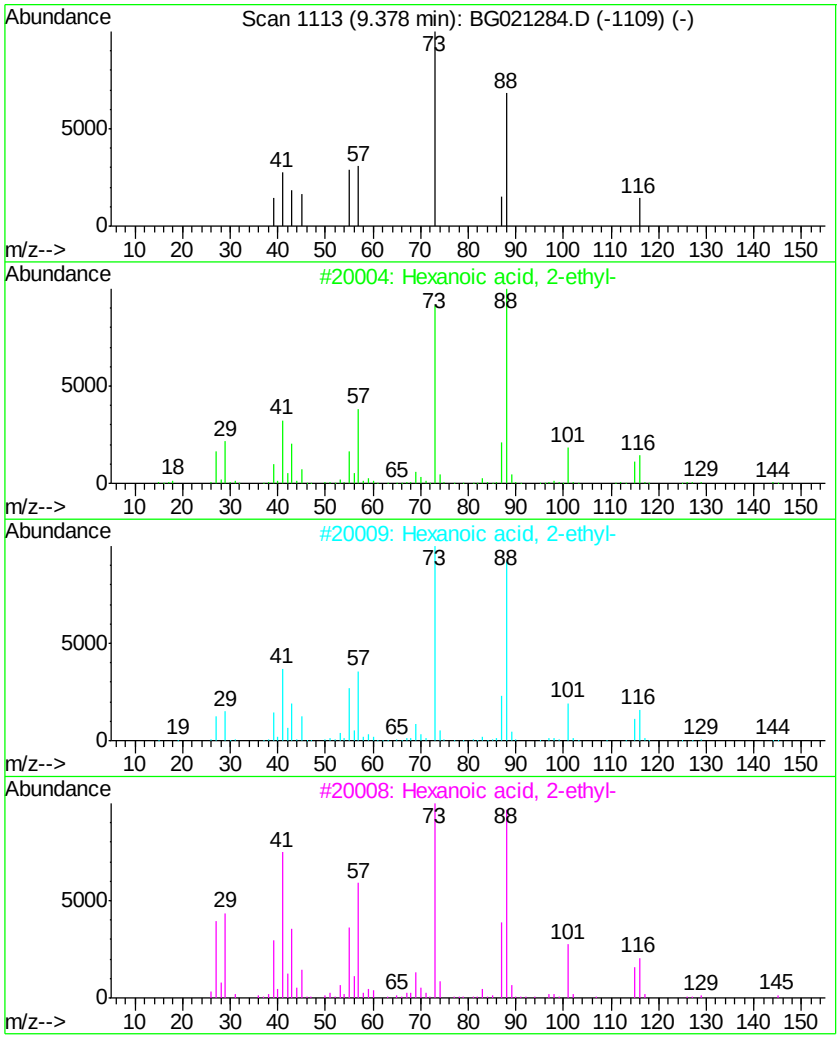
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

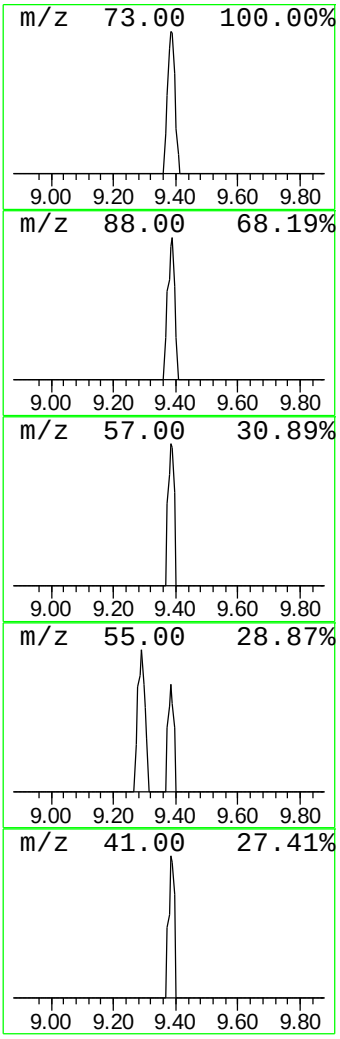
****

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	2.08 ng/ul	7663	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	39
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	10
5	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021284.D
Acq On : 5 Mar 2016 00:08
Operator : UM/SJ
Sample : H1626-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ4

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

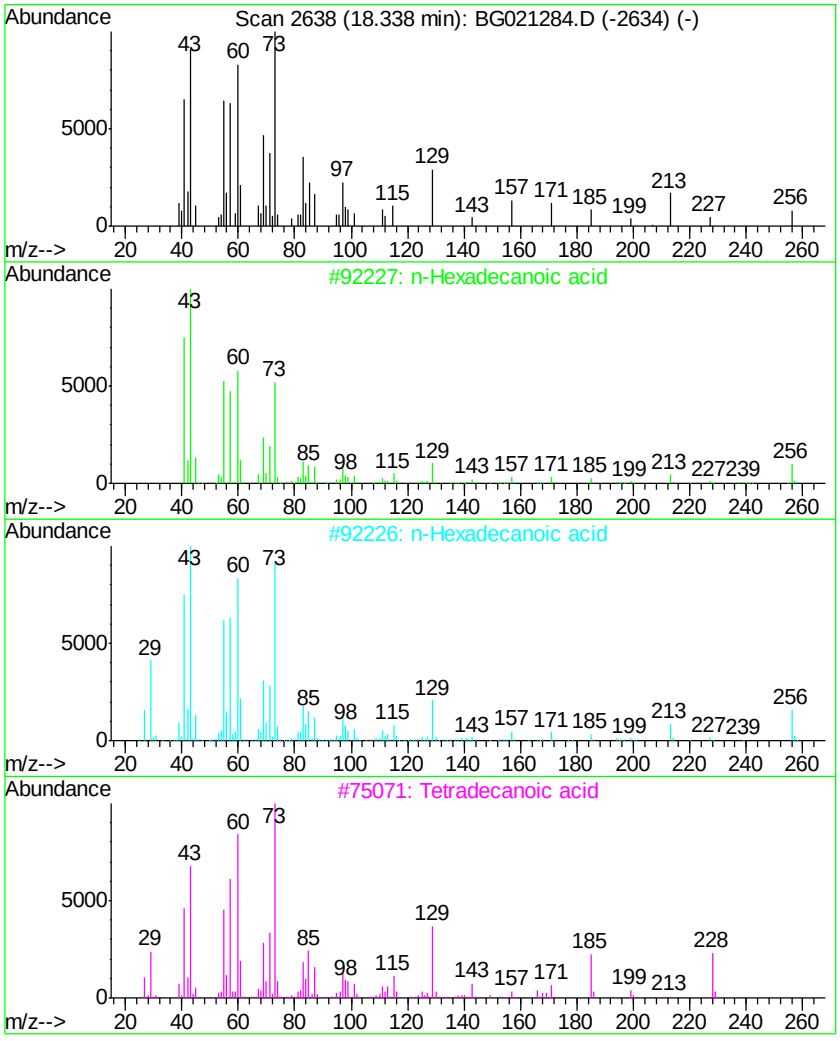
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

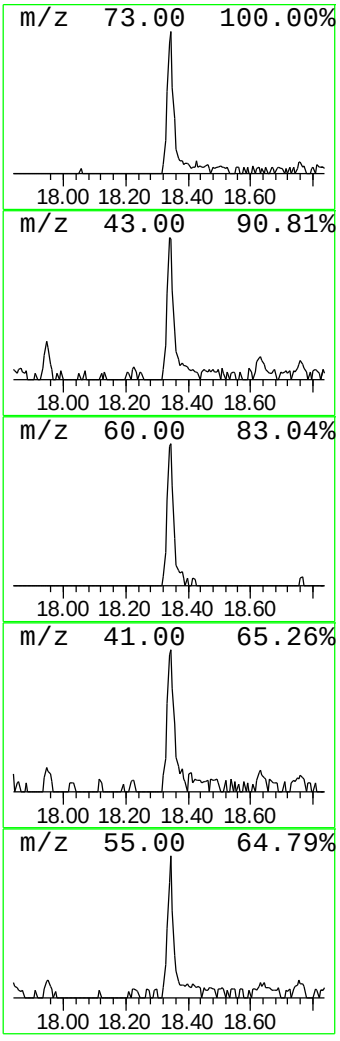
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	6.09 ng/ul	59631	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021284.D
Acq On : 5 Mar 2016 00:08
Operator : UM/SJ
Sample : H1626-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ4

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

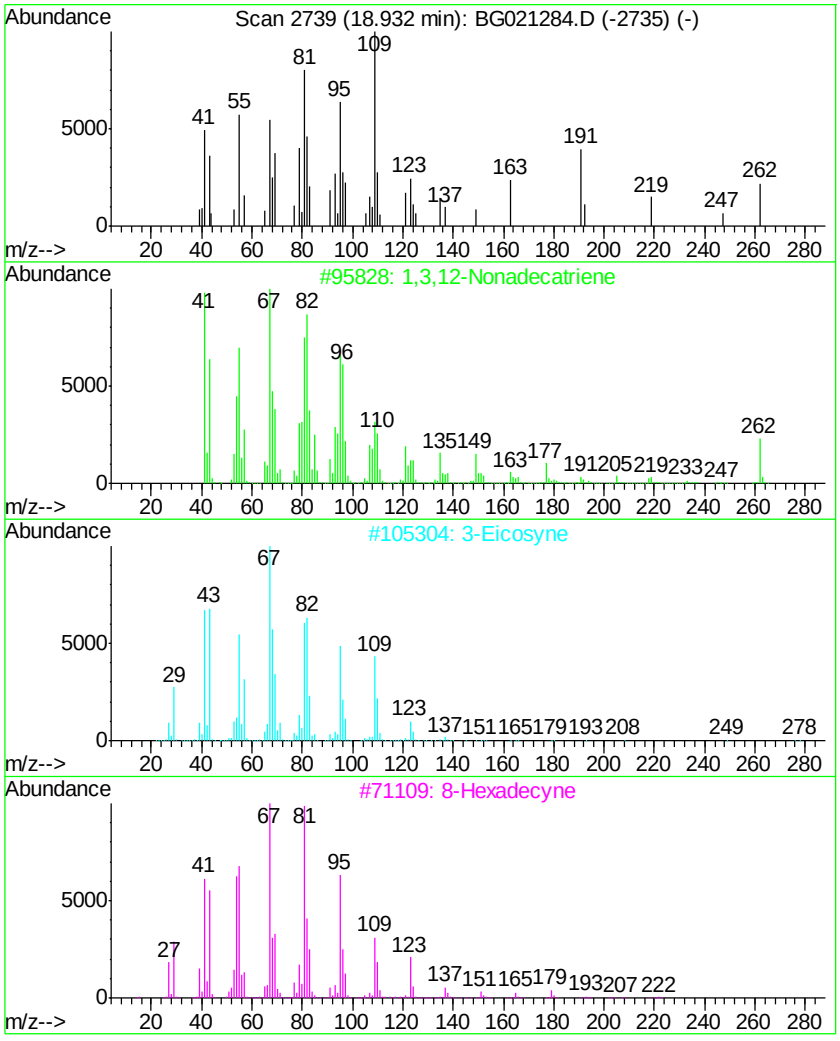
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

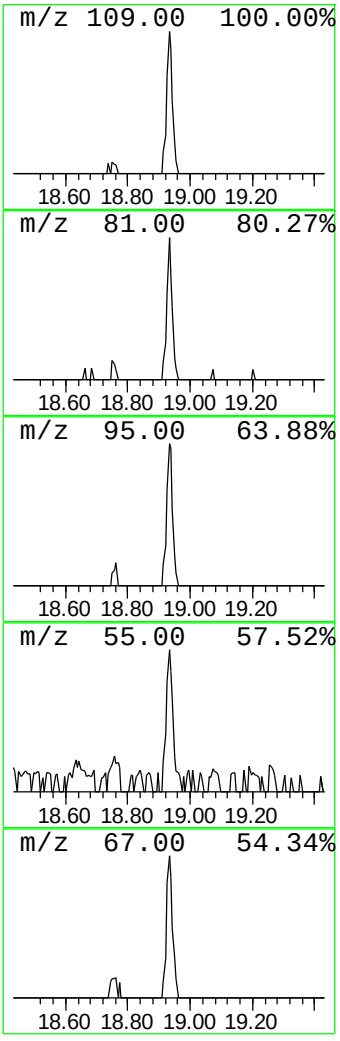
****

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	3.70 ng/ul	36256	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,12-Nonadecatriene	262	C19H34	1000131-11-1	43
2	3-Eicosyne	278	C20H38	061886-66-6	43
3	8-Hexadecyne	222	C16H30	019781-86-3	43
4	9-Tetradecen-1-ol, acetate, (E)-	254	C16H30O2	023192-82-7	38
5	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021284.D
Acq On : 5 Mar 2016 00:08
Operator : UM/SJ
Sample : H1626-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ4

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

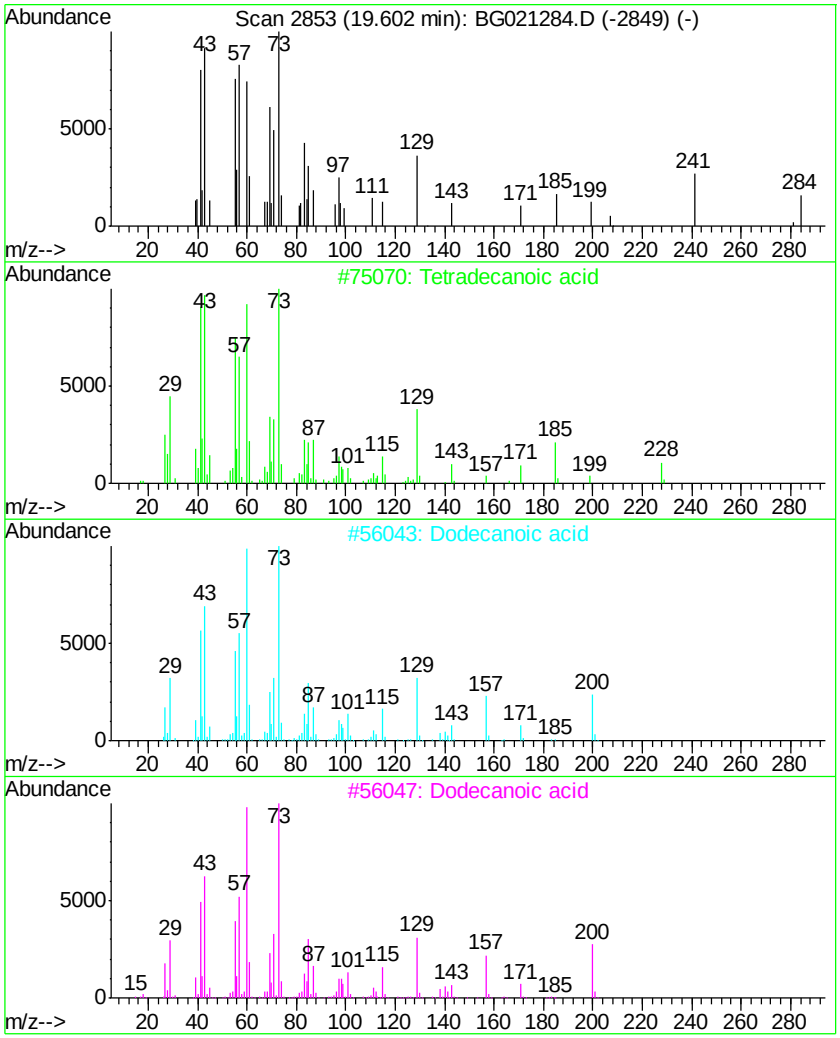
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

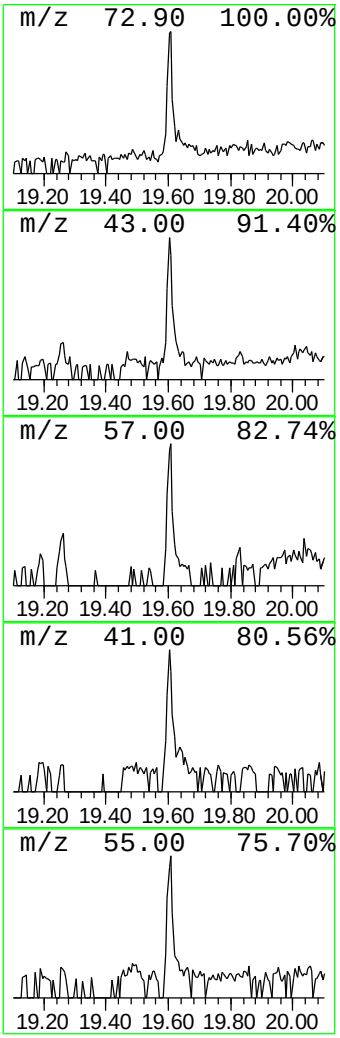
****

Peak Number 4 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	2.21 ng/ul	21594	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
2	Dodecanoic acid	200	C12H24O2	000143-07-7	47
3	Dodecanoic acid	200	C12H24O2	000143-07-7	47
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	Lactose	342	C12H22O11	000063-42-3	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021284.D
Acq On : 5 Mar 2016 00:08
Operator : UM/SJ
Sample : H1626-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ4

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

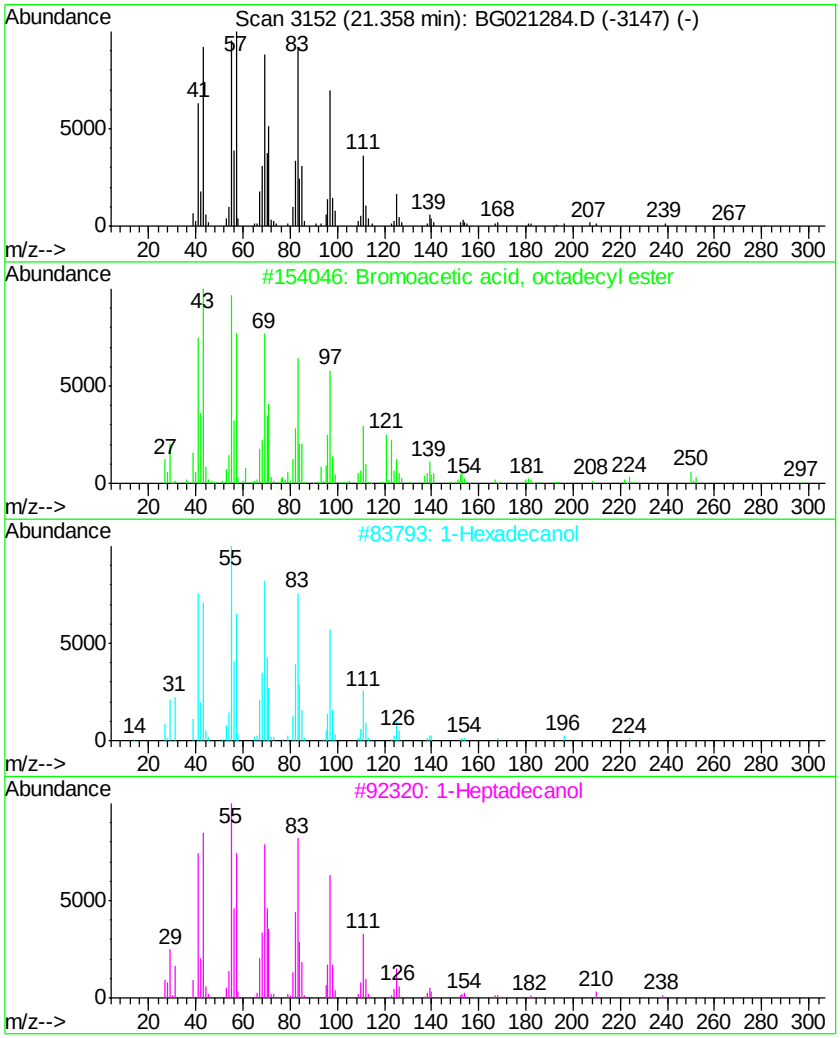
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

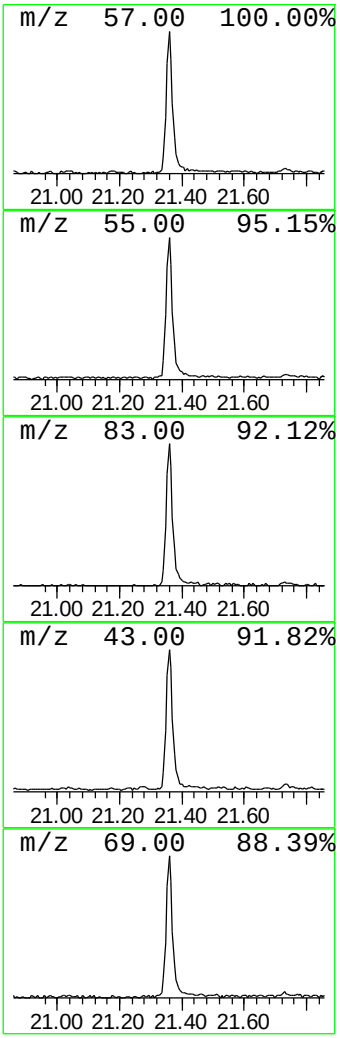
****

Peak Number 5 Bromoacetic acid, octadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	20.28 ng/ul	243113	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2	1-Hexadecanol	242	C16H34O	036653-82-4	90
3	1-Heptadecanol	256	C17H36O	001454-85-9	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	83





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Data File : BG021284.D
Acq On : 5 Mar 2016 00:08
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Sample : H1626-07
Misc :
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Instrument : BNA_G
ClientSampleId : JHFJ4

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

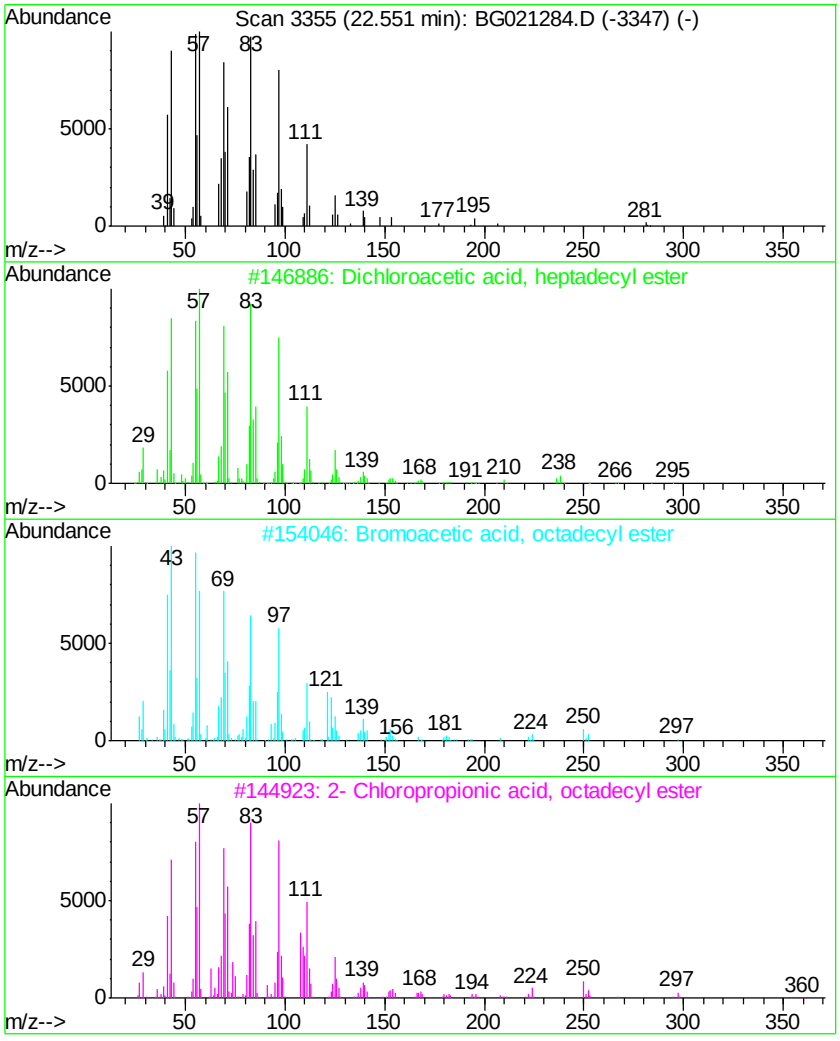
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

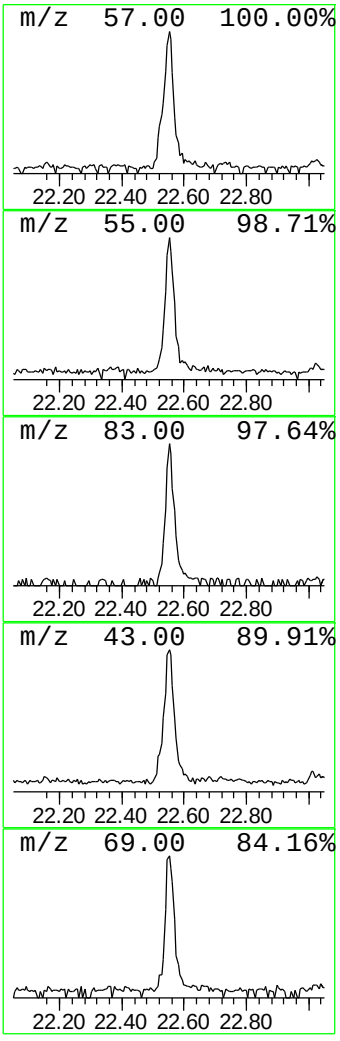
****

Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	8.35 ng/ul	100076	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021284.D
Acq On : 5 Mar 2016 00:08
Operator : UM/SJ
Sample : H1626-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ4

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

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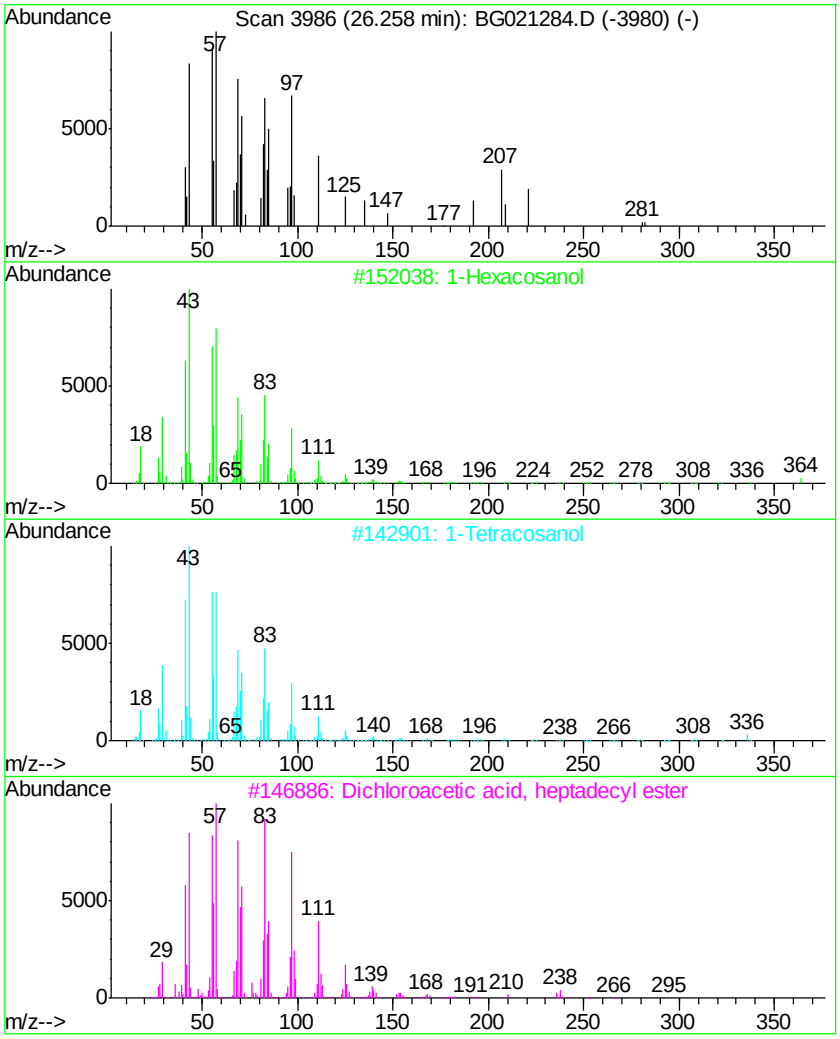
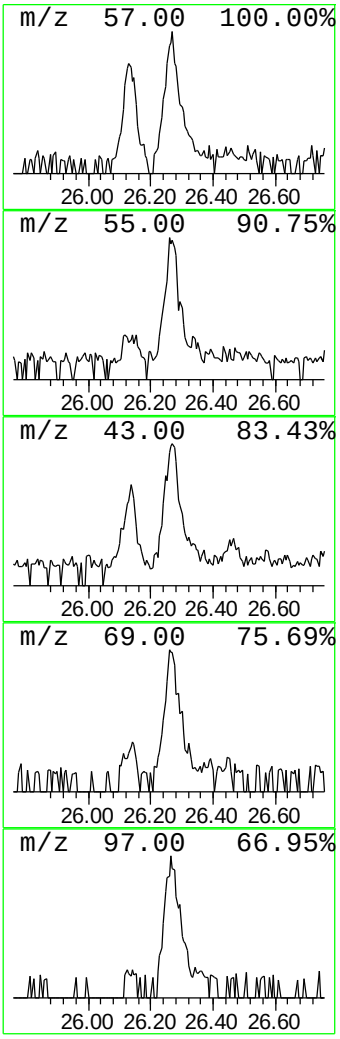
Peak Number 7 1-Hexacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.26	3.96 ng/ul	41947	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	91
2	1-Tetracosanol	354	C24H50O	000506-51-4	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021284.D
Acq On : 5 Mar 2016 00:08
Operator : UM/SJ
Sample : H1626-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ4

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
Hexanoic acid, 2-...	9.38	2.1	ng/ul	7663	1	8.13	73767	20.0
n-Hexadecanoic acid	18.34	6.1	ng/ul	59631	4	17.47	195804	20.0
unknown-01	18.93	3.7	ng/ul	36256	4	17.47	195804	20.0
Tetradecanoic acid	19.60	2.2	ng/ul	21594	4	17.47	195804	20.0
Bromoacetic acid,...	21.36	20.3	ng/ul	243113	5	21.74	239777	20.0
Dichloroacetic ac...	22.55	8.3	ng/ul	100076	5	21.74	239777	20.0
1-Hexacosanol	26.26	4.0	ng/ul	41947	6	25.00	211588	20.0