LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021280.D
Acq On : 4 Mar 2016 21:31
Operator : UM/SJ
Sample : H1626-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ0

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	3.537	115	119	122	rBV2	2121	2523	0.70%	0.064%
2	7.274	750	755	766	rBB	49164	83468	23.22%	2.111%
3	7.450	779	785	792	rBB	38213	61101	17.00%	1.545%
4	7.656	814	820	827	rBB	47329	78659	21.88%	1.989%
5	8.126	895	900	907	rBB	40888	68371	19.02%	1.729%
6	8.825	1012	1019	1027	rBB	63311	105878	29.46%	2.678%
7	9.289	1092	1098	1108	rBB	49677	87335	24.30%	2.209%
8	9.383	1109	1114	1121	rBB3	2750	4051	1.13%	0.102%
9	10.017	1216	1222	1228	rBB	42269	75616	21.04%	1.912%
10	10.552	1306	1313	1320	rBB	60458	102464	28.51%	2.591%
11	10.940	1371	1379	1386	rBB	61905	108671	30.23%	2.748%
12	11.069	1394	1401	1408	rBV	60716	106058	29.51%	2.682%
13	12.509	1643	1646	1650	rBB	638	770	0.21%	0.019%
14	13.619	1830	1835	1839	rBB	1851	2798	0.78%	0.071%
15	14.136	1917	1923	1928	rBV	124894	184769	51.41%	4.673%
16	14.183	1928	1931	1937	rVB	58791	77996	21.70%	1.973%
17	14.436	1967	1974	1981	rBB	133388	204338	56.85%	5.168%
18	14.612	2000	2004	2008	rBV	4572	5655	1.57%	0.143%
19	14.735	2018	2025	2032	rBB2	91392	147684	41.09%	3.735%
20	14.918	2050	2056	2072	rBV	71100	115681	32.18%	2.926%
21	15.111	2086	2089	2095	rBB3	1410	1984	0.55%	0.050%
22	15.164	2095	2098	2100	rBB	913	888	0.25%	0.022%
23	15.229	2106	2109	2113	rBB	1428	1515	0.42%	0.038%
24	15.294	2117	2120	2123	rBB2	1062	1039	0.29%	0.026%
25	15.511	2152	2157	2161	rBV	1452	1996	0.56%	0.050%
26	15.558	2161	2165	2169	rVB2	10704	12840	3.57%	0.325%
27	15.623	2172	2176	2180	rBB	1167	1392	0.39%	0.035%
28	15.723	2186	2193	2200	rBB	175049	266735	74.21%	6.746%
29	15.834	2206	2212	2219	rBB	73259	104757	29.15%	2.649%
30	15.963	2227	2234	2238	rBV3	3267	7072	1.97%	0.179%
31	16.005	2238	2241	2245	rVB2	1030	1140	0.32%	0.029%
32	16.057	2246	2250	2253	rBB	1064	1211	0.34%	0.031%
33	16.116	2254	2260	2263	rBB3	1393	1937	0.54%	0.049%
34	16.181	2267	2271	2273	rBV	1387	1503	0.42%	0.038%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021280.D
Acq On : 4 Mar 2016 21:31
Operator : UM/SJ
Sample : H1626-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ0

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	16.416	2306	2311	2321	rVV2	11712	21316	5.93%	0.539%
36	16.480	2321	2322	2324	rVV2	1150	780	0.22%	0.020%
37	16.504	2324	2326	2329	rVV	661	761	0.21%	0.019%
38	16.598	2338	2342	2345	rBB	999	947	0.26%	0.024%
39	16.757	2365	2369	2373	rBV2	1846	3034	0.84%	0.077%
40	16.792	2373	2375	2377	rVV2	1011	1093	0.30%	0.028%
41	16.821	2377	2380	2382	rVV2	1058	1433	0.40%	0.036%
42	16.874	2387	2389	2394	rVB	1316	1521	0.42%	0.038%
43	16.921	2395	2397	2400	rBV	1428	1589	0.44%	0.040%
44	16.986	2406	2408	2413	rBB2	1094	1314	0.37%	0.033%
45	17.209	2441	2446	2450	rVV2	7277	9306	2.59%	0.235%
46	17.262	2452	2455	2459	rVV	2520	3035	0.84%	0.077%
47	17.473	2485	2491	2497	rBV	128426	188240	52.37%	4.761%
48	17.573	2502	2508	2515	rVB2	205713	310850	86.48%	7.862%
49	17.949	2569	2572	2576	rVB2	2428	2776	0.77%	0.070%
50	18.337	2634	2638	2644	rBV2	16367	22027	6.13%	0.557%
51	18.413	2648	2651	2655	rVB2	822	1142	0.32%	0.029%
52	18.637	2686	2689	2690	rVV2	951	813	0.23%	0.021%
53	18.731	2699	2705	2706	rBV	1276	1675	0.47%	0.042%
54	18.760	2706	2710	2714	rVB2	1254	1859	0.52%	0.047%
55	18.931	2737	2739	2744	rVB	2628	3295	0.92%	0.083%
56	19.007	2748	2752	2754	rBV2	653	881	0.25%	0.022%
57	19.119	2767	2771	2776	rVB2	457	1033	0.29%	0.026%
58	19.295	2799	2801	2803	rBV3	822	703	0.20%	0.018%
59	19.489	2828	2834	2837	rBV2	2240	3461	0.96%	0.088%
60	19.559	2844	2846	2850	rBV2	1235	1112	0.31%	0.028%
61	19.600	2850	2853	2858	rBV3	15845	20116	5.60%	0.509%
62	19.683	2864	2867	2870	rBV5	830	1114	0.31%	0.028%
63	19.735	2872	2876	2880	rVV	1251	1919	0.53%	0.049%
64	19.847	2888	2895	2902	rBV2	253045	359429	100.00%	9.090%
65	19.965	2911	2915	2917	rBV4	1039	1290	0.36%	0.033%
66	20.053	2929	2930	2931	rBV	1679	807	0.22%	0.020%
67	20.082	2933	2935	2941	rVB	3598	4937	1.37%	0.125%
68	20.182	2949	2952	2953	rBV3	1023	840	0.23%	0.021%
69	20.200	2953	2955	2958	rVV3	1086	1073	0.30%	0.027%
70	20.276	2964	2968	2972	rBV2	4530	6380	1.78%	0.161%
71	20.329	2974	2977	2979	rVV3	1328	1671	0.46%	0.042%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021280.D
Acq On : 4 Mar 2016 21:31
Operator : UM/SJ
Sample : H1626-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ0

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	20.358	2979	2982	2985	rVB3	1443	2176	0.61%	0.055%
73	20.705	3039	3041	3043	rBV2	1163	1043	0.29%	0.026%
74	20.852	3061	3066	3068	rBV4	2935	4585	1.28%	0.116%
75	21.357	3148	3152	3160	rBV3	25941	38177	10.62%	0.966%
76	21.522	3179	3180	3182	rBV2	1366	859	0.24%	0.022%
77	21.610	3191	3195	3199	rBV	7930	8921	2.48%	0.226%
78	21.739	3210	3217	3226	rBV	140384	226042	62.89%	5.717%
79	22.550	3346	3355	3362	rBV6	9874	29803	8.29%	0.754%
80	23.190	3462	3464	3465	rBV	2327	2118	0.59%	0.054%
81	23.220	3466	3469	3474	rVB5	6345	11688	3.25%	0.296%
82	23.842	3573	3575	3576	rBV	1726	1385	0.39%	0.035%
83	24.036	3603	3608	3614	rVB4	7694	15832	4.40%	0.400%
84	24.236	3641	3642	3644	rVB2	1935	918	0.26%	0.023%
85	24.771	3723	3733	3743	rBV	127584	334626	93.10%	8.463%
86	24.994	3761	3771	3781	rVB2	77646	214884	59.78%	5.435%
87	25.264	3815	3817	3820	rBV4	1688	2022	0.56%	0.051%
88	25.329	3826	3828	3829	rBV2	1646	1380	0.38%	0.035%
89	25.599	3872	3874	3877	rBV3	1502	1696	0.47%	0.043%
90	26.128	3959	3964	3974	rVB5	8758	23594	6.56%	0.597%
91	26.392	4007	4009	4012	rBV5	1905	1761	0.49%	0.045%
92	27.491	4194	4196	4199	rBV4	2796	3216	0.89%	0.081%
93	27.573	4208	4210	4211	rBV2	2022	1582	0.44%	0.040%
94	27.791	4245	4247	4248	rBV2	1722	1463	0.41%	0.037%
95	28.978	4447	4449	4451	rBV2	1853	1310	0.36%	0.033%
96	29.436	4525	4527	4529	rBV3	2070	1874	0.52%	0.047%
97	29.759	4579	4582	4584	rBV4	1704	1820	0.51%	0.046%
98	30.358	4682	4684	4685	rBV2	1874	1507	0.42%	0.038%
99	30.764	4751	4753	4754	rBV2	1548	1221	0.34%	0.031%
100	32.409	5031	5033	5035	rBV2	1620	1022	0.28%	0.026%

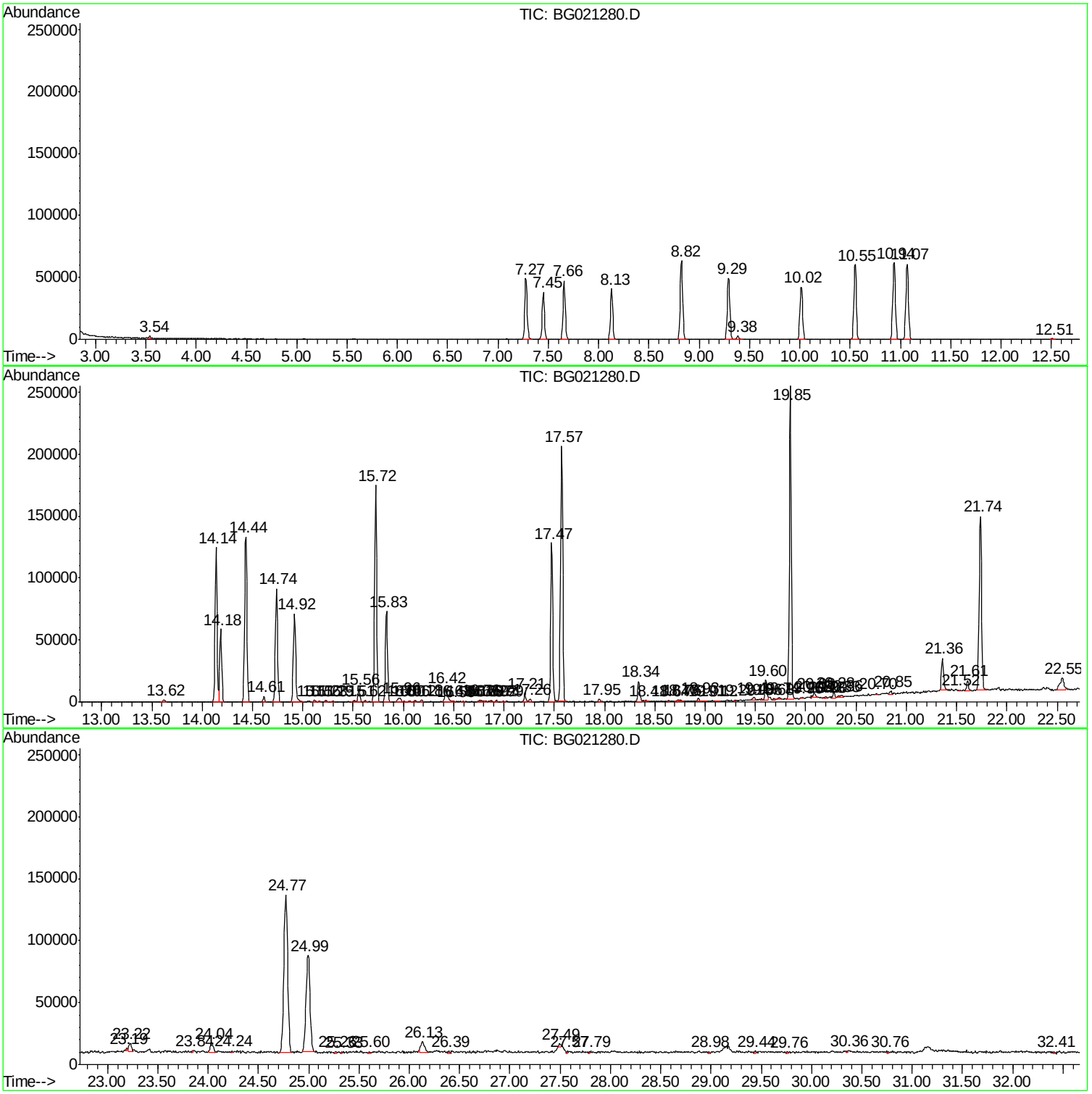
Sum of corrected areas: 3953992

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021280.D
Acq On : 4 Mar 2016 21:31
Operator : UM/SJ
Sample : H1626-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ0

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\BG030416\
Data File : BG021280.D
Acq On : 4 Mar 2016 21:31
Operator : UM/SJ
Sample : H1626-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ0

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

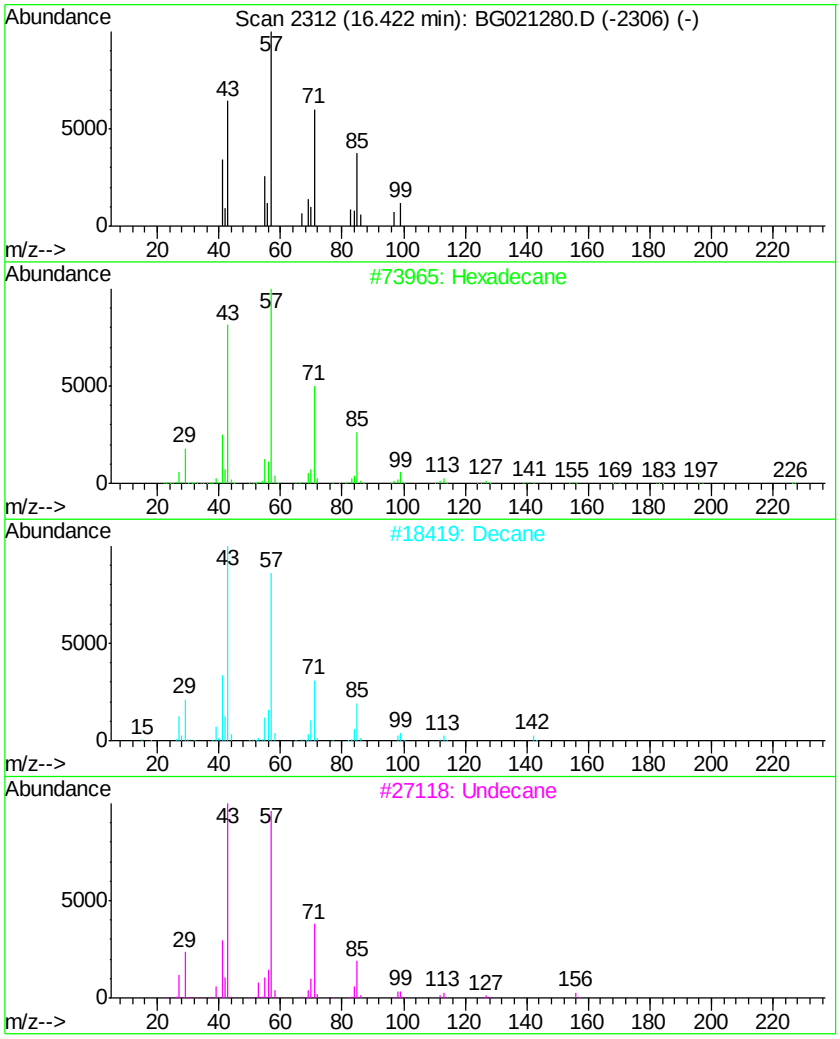
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

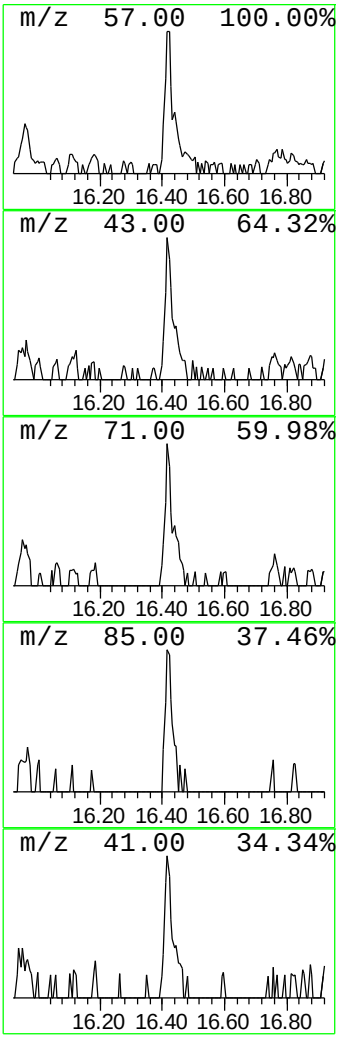
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.26 ng/ul	21316	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Decane	142	C10H22	000124-18-5	83
3	Undecane	156	C11H24	001120-21-4	74
4	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	59
5	Tridecane	184	C13H28	000629-50-5	56





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021280.D
Acq On : 4 Mar 2016 21:31
Operator : UM/SJ
Sample : H1626-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ0

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

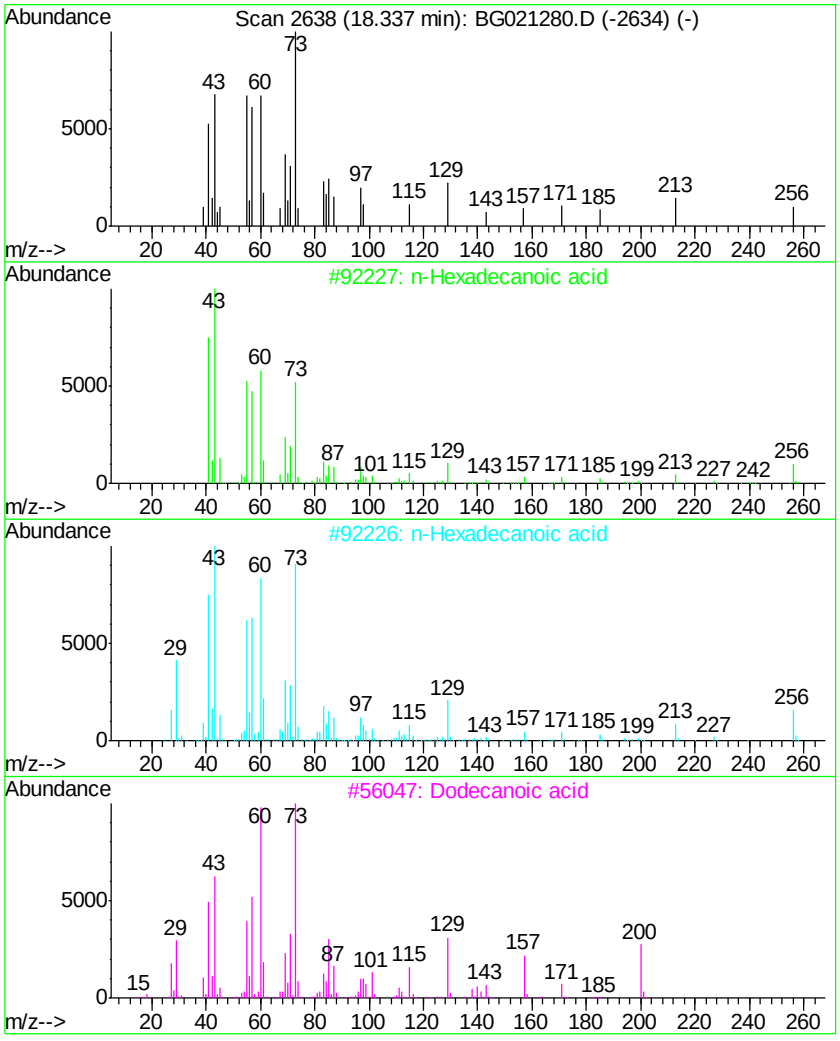
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

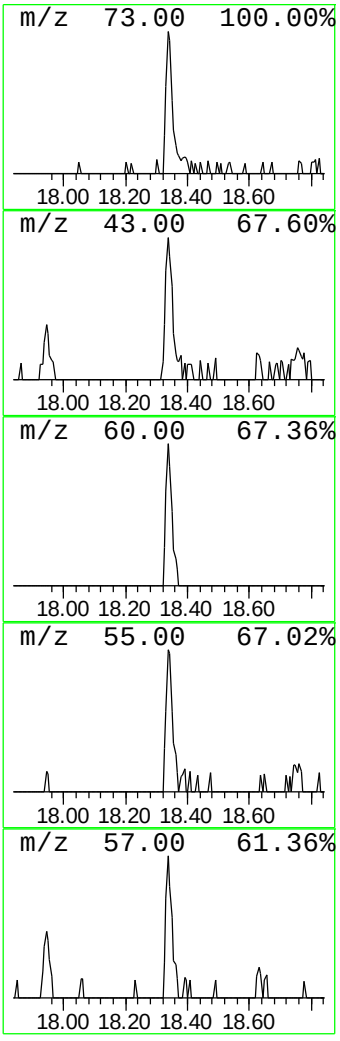
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.34 ng/ul	22027	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Dodecanoic acid	200	C12H24O2	000143-07-7	59
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021280.D
Acq On : 4 Mar 2016 21:31
Operator : UM/SJ
Sample : H1626-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ0

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

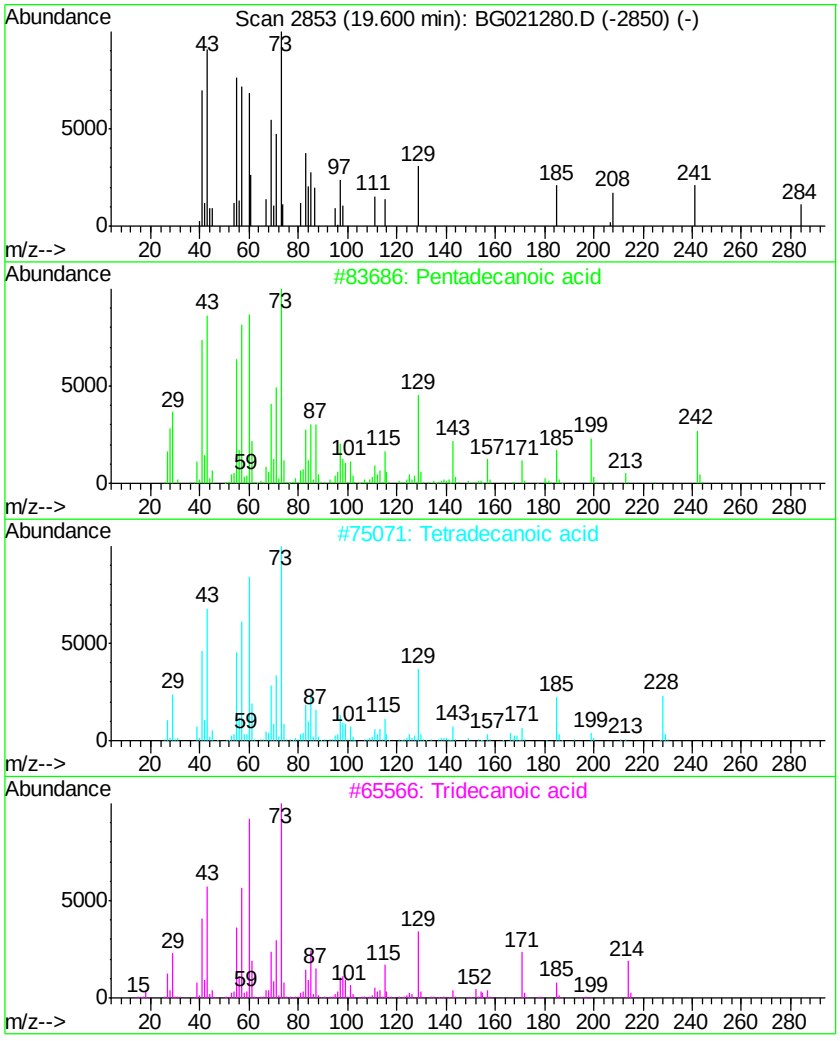
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

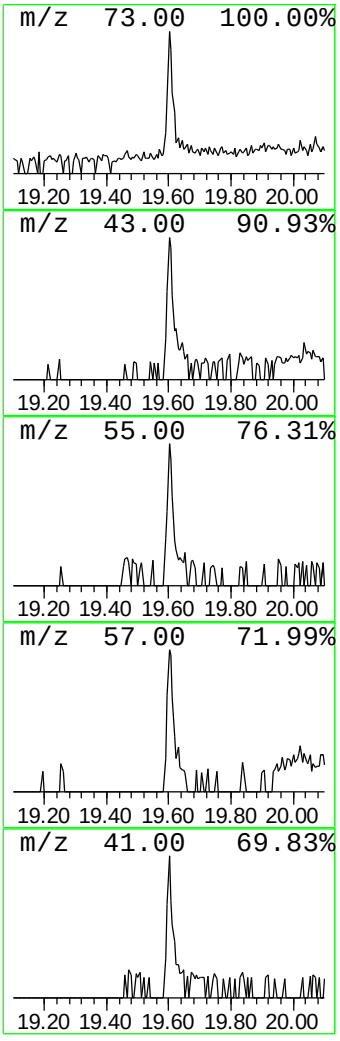
****

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	2.14 ng/ul	20116	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
3	Tridecanoic acid	214	C13H26O2	000638-53-9	43
4	Dodecanoic acid	200	C12H24O2	000143-07-7	43
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021280.D
Acq On : 4 Mar 2016 21:31
Operator : UM/SJ
Sample : H1626-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ0

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

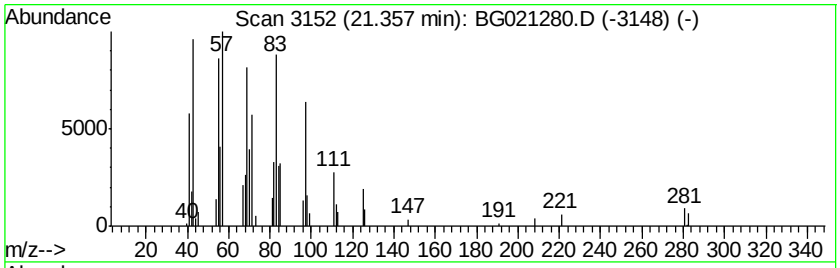
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

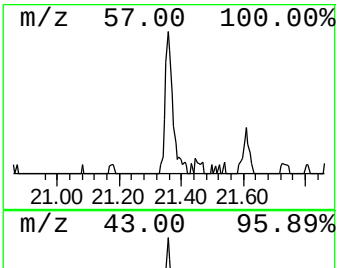
****

Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.38 ng/ul	38177	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
2	1-Tetracosanol	354	C24H50O	000506-51-4	91
3	1-Nonadecanol	284	C19H40O	001454-84-8	90
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021280.D
Acq On : 4 Mar 2016 21:31
Operator : UM/SJ
Sample : H1626-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ0

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

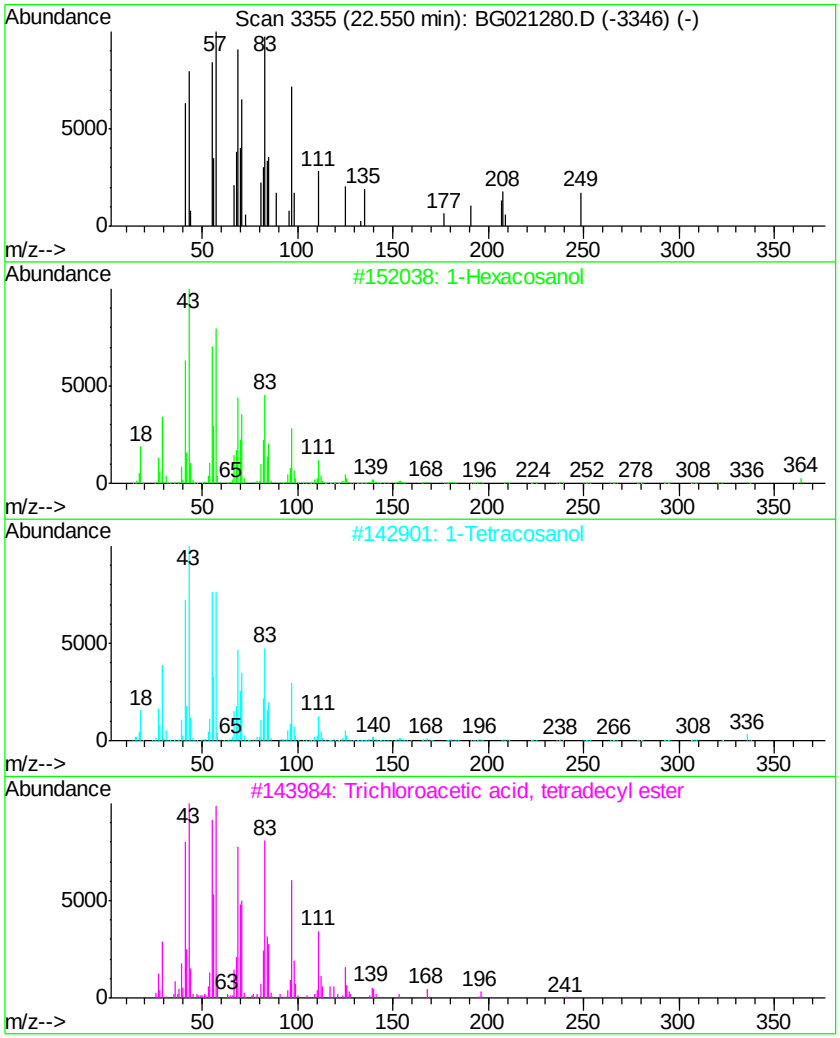
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

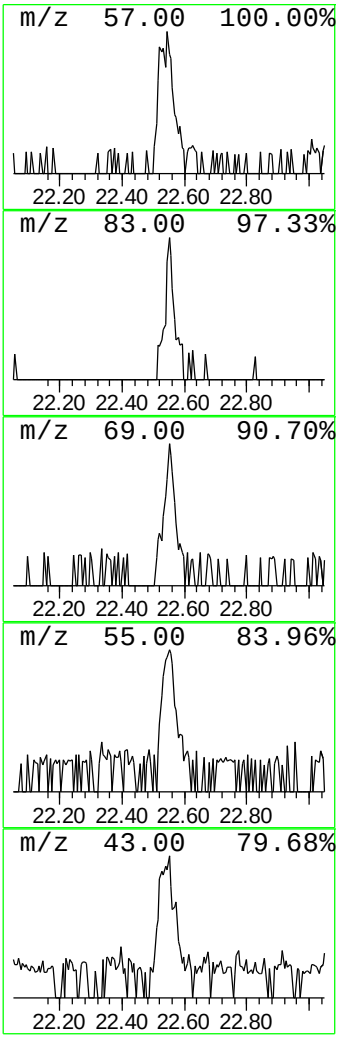
****

Peak Number 5 1-Hexacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.64 ng/ul	29803	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	83
2	1-Tetracosanol	354	C24H50O	000506-51-4	83
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	80
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	72
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021280.D
Acq On : 4 Mar 2016 21:31
Operator : UM/SJ
Sample : H1626-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ0

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

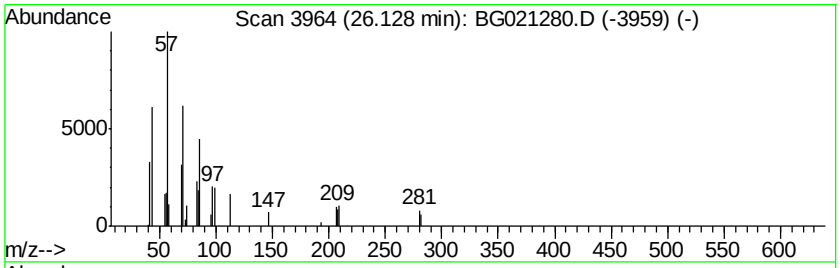
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

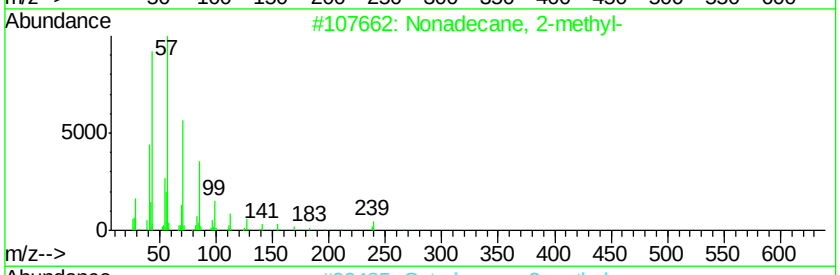
****

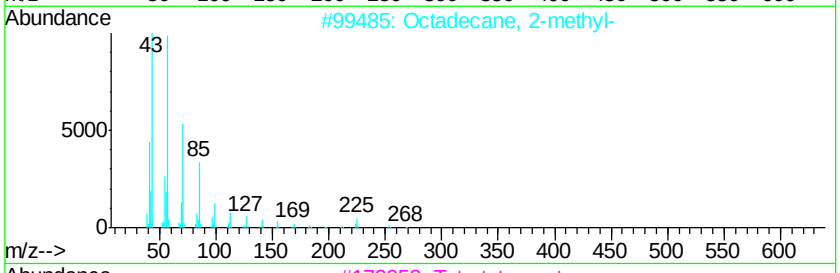
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

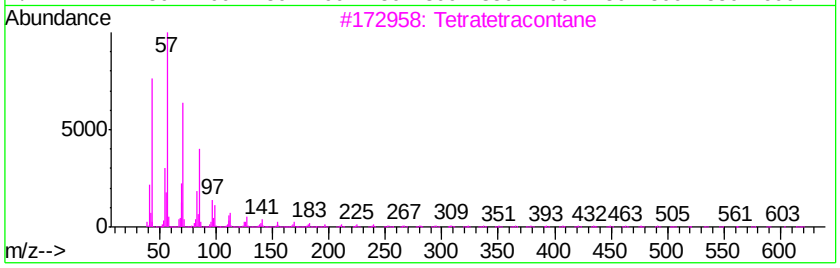
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	2.20 ng/ul	23594	Perylene-d12	24.99

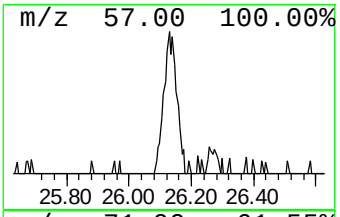
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	53
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	53
3	Tetratetracontane	619	C44H90	007098-22-8	53
4	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	53
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	53

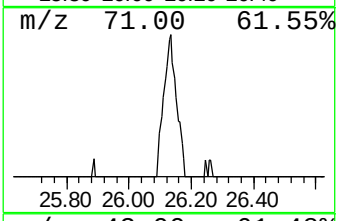


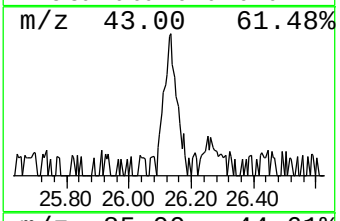


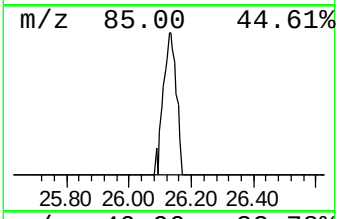


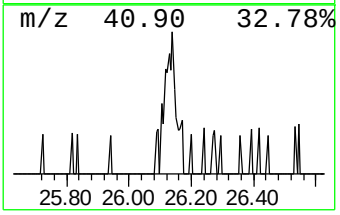












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021280.D
Acq On : 4 Mar 2016 21:31
Operator : UM/SJ
Sample : H1626-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFJ0

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...	16.42	2.3	ng/ul	21316	4	17.47	188240	20.0
n-Hexadecanoic acid	18.34	2.3	ng/ul	22027	4	17.47	188240	20.0
unknown-01	19.60	2.1	ng/ul	20116	4	17.47	188240	20.0
Heptafluorobutyri...	21.36	3.4	ng/ul	38177	5	21.74	226042	20.0
1-Hexacosanol	22.55	2.6	ng/ul	29803	5	21.74	226042	20.0
(DEL) Alkane: Str...	26.13	2.2	ng/ul	23594	6	24.99	214884	20.0