LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-C350

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	56	60	64	rBV4	2612	4040	1.34%	0.112%
2	3.261	69	72	79	rVB	5049	6901	2.28%	0.191%
3	3.531	115	118	124	rVB2	1471	1902	0.63%	0.053%
4	3.754	153	156	159	rBV2	479	546	0.18%	0.015%
5	4.060	205	208	212	rVB3	2063	2461	0.81%	0.068%
6	4.289	244	247	251	rVB2	382	566	0.19%	0.016%
7	4.524	283	287	289	rVB	480	729	0.24%	0.020%
8	4.729	320	322	325	rBV	520	567	0.19%	0.016%
9	4.900	349	351	354	rBB	557	548	0.18%	0.015%
10	5.217	399	405	410	rBV2	1907	3350	1.11%	0.093%
11	7.274	748	755	765	rBB	35108	59138	19.56%	1.638%
12	7.444	778	784	792	rVB	27550	44344	14.66%	1.228%
13	7.655	813	820	826	rBB	33538	55282	18.28%	1.531%
14	8.125	890	900	906	rBB	52084	84919	28.08%	2.352%
15	8.343	934	937	940	rBB	993	685	0.23%	0.019%
16	8.819	1010	1018	1026	rBV	37130	62927	20.81%	1.743%
17	9.283	1091	1097	1105	rBB	35145	61825	20.45%	1.712%
18	9.371	1108	1112	1119	rBB3	1912	3066	1.01%	0.085%
19	10.006	1214	1220	1227	rBV	30634	52338	17.31%	1.450%
20	10.546	1306	1312	1320	rBB	40508	68682	22.71%	1.902%
21	10.934	1371	1378	1386	rBV	75830	134168	44.37%	3.716%
22	11.063	1393	1400	1407	rBV	62864	111310	36.81%	3.083%
23	13.337	1784	1787	1789	rBB	861	639	0.21%	0.018%
24	13.613	1830	1834	1839	rBB	2062	3008	0.99%	0.083%
25	14.130	1916	1922	1926	rBV	78836	110291	36.47%	3.055%
26	14.177	1926	1930	1937	rVB	29533	42176	13.95%	1.168%
27	14.248	1940	1942	1944	rBV2	900	725	0.24%	0.020%
28	14.430	1966	1973	1980	rBB	83691	131678	43.55%	3.647%
29	14.606	2000	2003	2007	rBB2	2947	3377	1.12%	0.094%
30	14.735	2019	2025	2031	rVB2	105459	175986	58.20%	4.875%
31	14.794	2031	2035	2041	rBB	2128	2882	0.95%	0.080%
32	14.912	2050	2055	2070	rBB	29686	47706	15.78%	1.321%
33	15.135	2089	2093	2099	rVB2	6007	8122	2.69%	0.225%
34	15.223	2105	2108	2111	rBB	722	794	0.26%	0.022%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-C350

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	15.505	2153	2156	2160	rVB	1717	2075	0.69%	0.057%
36	15.552	2160	2164	2169	rBB	7051	8357	2.76%	0.231%
37	15.717	2185	2192	2198	rBV	109122	162224	53.65%	4.493%
38	15.775	2198	2202	2206	rVV	2364	3112	1.03%	0.086%
39	15.828	2206	2211	2216	rVB2	34429	48077	15.90%	1.332%
40	15.957	2227	2233	2237	rBB2	2693	4257	1.41%	0.118%
41	16.057	2246	2250	2254	rBB2	900	1323	0.44%	0.037%
42	16.110	2255	2259	2263	rBB	810	1017	0.34%	0.028%
43	16.169	2266	2269	2272	rBB	634	754	0.25%	0.021%
44	16.410	2307	2310	2319	rBV	7122	12551	4.15%	0.348%
45	16.598	2339	2342	2345	rBB	574	562	0.19%	0.016%
46	16.757	2365	2369	2372	rBV2	1143	1621	0.54%	0.045%
47	16.915	2392	2396	2400	rBB	543	828	0.27%	0.023%
48	16.986	2405	2408	2415	rBB	788	1087	0.36%	0.030%
49	17.127	2429	2432	2435	rVB	635	767	0.25%	0.021%
50	17.203	2441	2445	2449	rVV2	5221	6393	2.11%	0.177%
51	17.250	2449	2453	2457	rVV2	1866	2463	0.81%	0.068%
52	17.291	2457	2460	2464	rVB	1087	1219	0.40%	0.034%
53	17.467	2484	2490	2495	rVV	134303	206600	68.32%	5.723%
54	17.509	2495	2497	2502	rVV	34029	43482	14.38%	1.204%
55	17.567	2502	2507	2517	rVB2	114895	174832	57.82%	4.843%
56	17.826	2546	2551	2556	rBV2	17163	25547	8.45%	0.708%
57	17.938	2566	2570	2575	rBV3	3440	4249	1.41%	0.118%
58	17.979	2575	2577	2580	rVB	720	620	0.21%	0.017%
59	18.114	2597	2600	2603	rVB	1030	1058	0.35%	0.029%
60	18.278	2623	2628	2631	rBV2	907	1097	0.36%	0.030%
61	18.337	2633	2638	2642	rBV3	22931	31201	10.32%	0.864%
62	18.384	2644	2646	2653	rVB3	5178	7088	2.34%	0.196%
63	18.437	2653	2655	2657	rBV2	512	622	0.21%	0.017%
64	18.472	2659	2661	2663	rVB2	1764	1274	0.42%	0.035%
65	18.537	2666	2672	2676	rBV3	5515	10114	3.34%	0.280%
66	18.625	2683	2687	2692	rBV3	2022	2828	0.94%	0.078%
67	18.754	2706	2709	2713	rVB	4191	4266	1.41%	0.118%
68	18.831	2719	2722	2723	rBV	2826	2512	0.83%	0.070%
69	18.866	2723	2728	2733	rVB2	45380	58813	19.45%	1.629%
70	18.983	2746	2748	2751	rBV2	429	624	0.21%	0.017%
71	19.071	2759	2763	2770	rBV3	1108	1827	0.60%	0.051%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-C350

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	19.130	2770	2773	2776	rBV2	1113	1176	0.39%	0.033%
73	19.183	2777	2782	2789	rBV2	40745	63123	20.88%	1.748%
74	19.295	2799	2801	2804	rVB2	1292	1180	0.39%	0.033%
75	19.383	2812	2816	2818	rBV3	2595	3227	1.07%	0.089%
76	19.447	2824	2827	2828	rBV	953	879	0.29%	0.024%
77	19.506	2828	2837	2843	rVB	66909	95162	31.47%	2.636%
78	19.594	2848	2852	2860	rBV3	9085	12156	4.02%	0.337%
79	19.741	2873	2877	2878	rBV3	2511	2272	0.75%	0.063%
80	19.841	2888	2894	2897	rBV	151017	233204	77.12%	6.460%
81	19.929	2907	2909	2913	rVB2	2096	2307	0.76%	0.064%
82	19.988	2918	2919	2921	rBV	1435	1138	0.38%	0.032%
83	20.041	2925	2928	2933	rVB3	3895	5335	1.76%	0.148%
84	20.170	2944	2950	2959	rVB	105212	136784	45.24%	3.789%
85	20.235	2959	2961	2962	rBV2	1537	923	0.31%	0.026%
86	20.329	2972	2977	2978	rBV4	3300	5694	1.88%	0.158%
87	20.352	2978	2981	2988	rVB2	9563	13806	4.57%	0.382%
88	20.452	2995	2998	3002	rBV	5354	7891	2.61%	0.219%
89	20.487	3002	3004	3006	rBV3	2442	2493	0.82%	0.069%
90	20.652	3030	3032	3033	rBV2	2853	2109	0.70%	0.058%
91	20.740	3044	3047	3051	rVB4	5769	6845	2.26%	0.190%
92	20.957	3082	3084	3086	rBV2	2217	1808	0.60%	0.050%
93	21.351	3146	3151	3156	rBV2	24794	39658	13.12%	1.098%
94	21.598	3190	3193	3197	rVB3	7319	8867	2.93%	0.246%
95	21.727	3207	3215	3220	rBV2	151411	302384	100.00%	8.376%
96	21.774	3220	3223	3228	rVB	22978	35183	11.64%	0.975%
97	23.196	3460	3465	3478	rVB4	30865	61427	20.31%	1.701%
98	23.942	3586	3592	3599	rBV3	16991	49760	16.46%	1.378%
99	24.753	3723	3730	3737	rBV	64564	150726	49.85%	4.175%
100	24.976	3759	3768	3778	rBV3	85187	237708	78.61%	6.584%

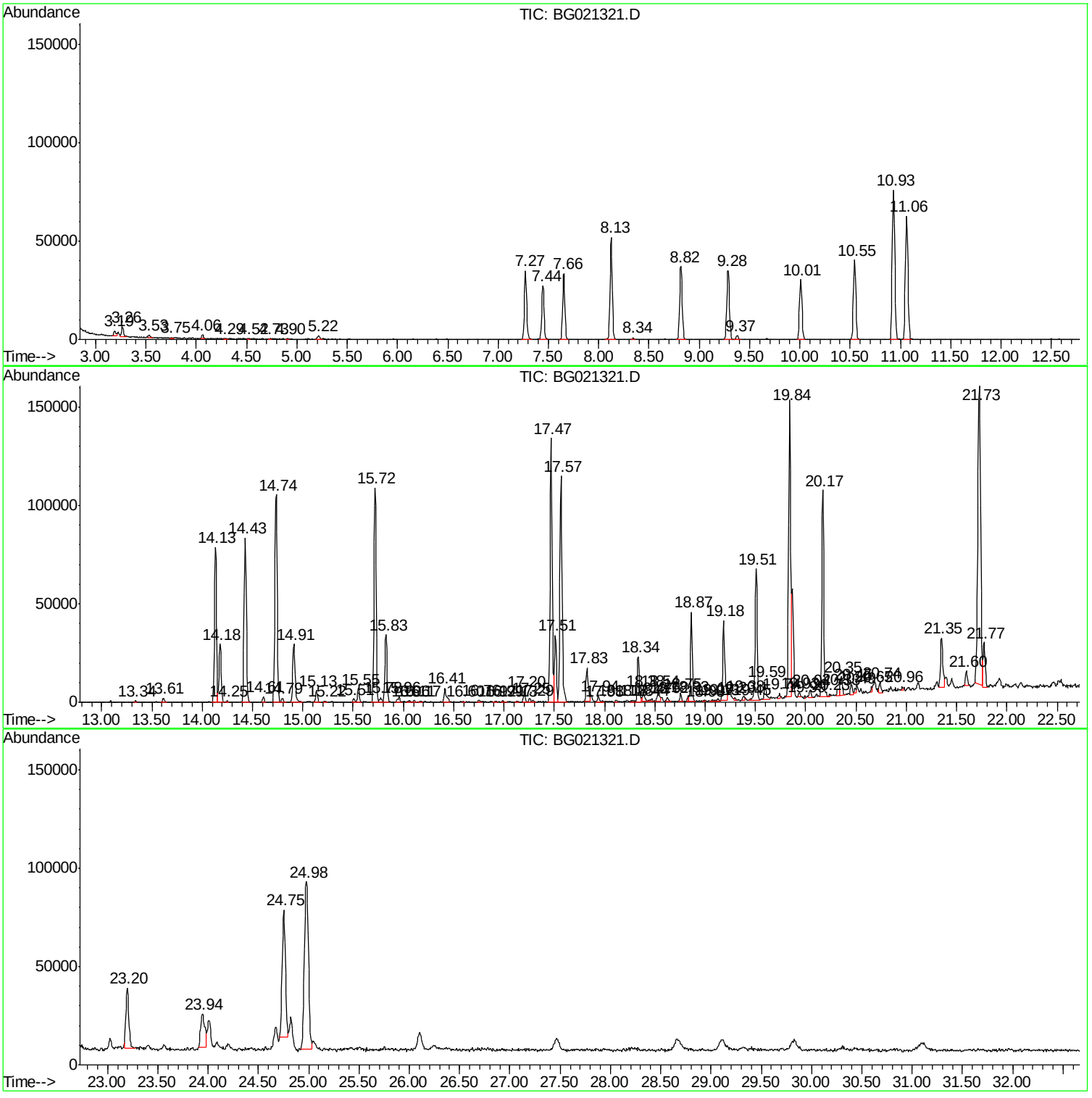
Sum of corrected areas: 3610244

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-C350

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\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-C350

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

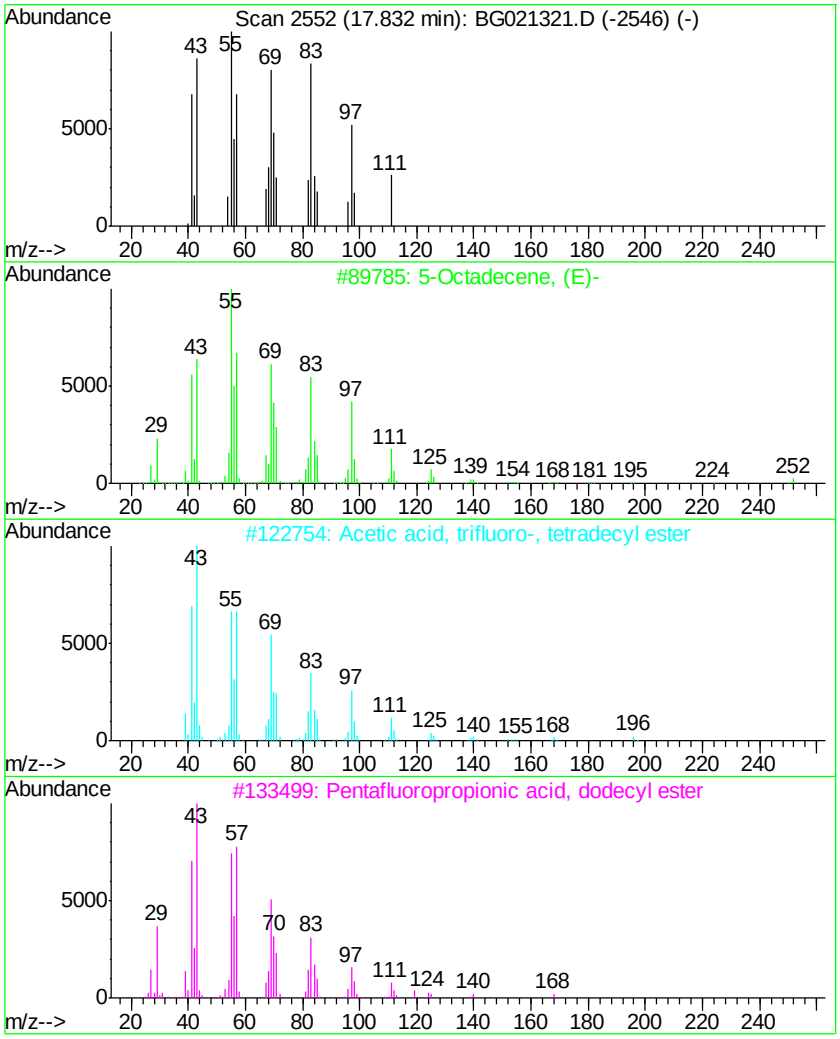
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

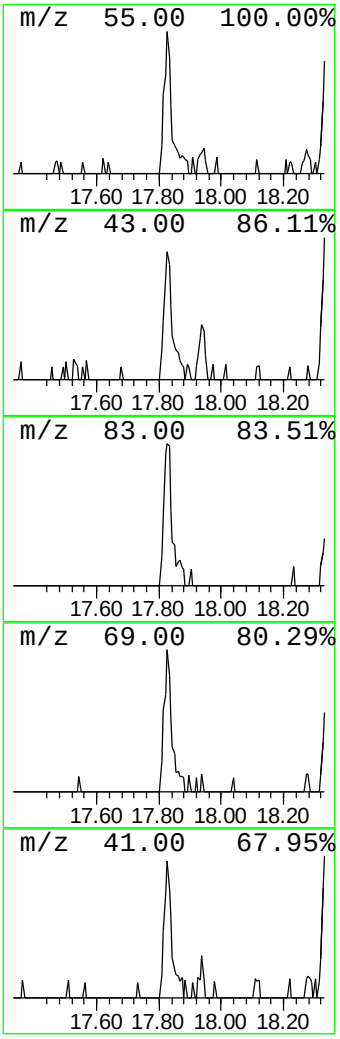
****

Peak Number 1 (DEL) Alkane: Cyclic17.83 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.47 ng/ul	25547	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
2	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	86
3	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	64
4	Heptafluorobutyric acid,n-tridec...	396	C17H27F7O2	1000216-78-9	53
5	Cyclotetradecane	196	C14H28	000295-17-0	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-C350

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

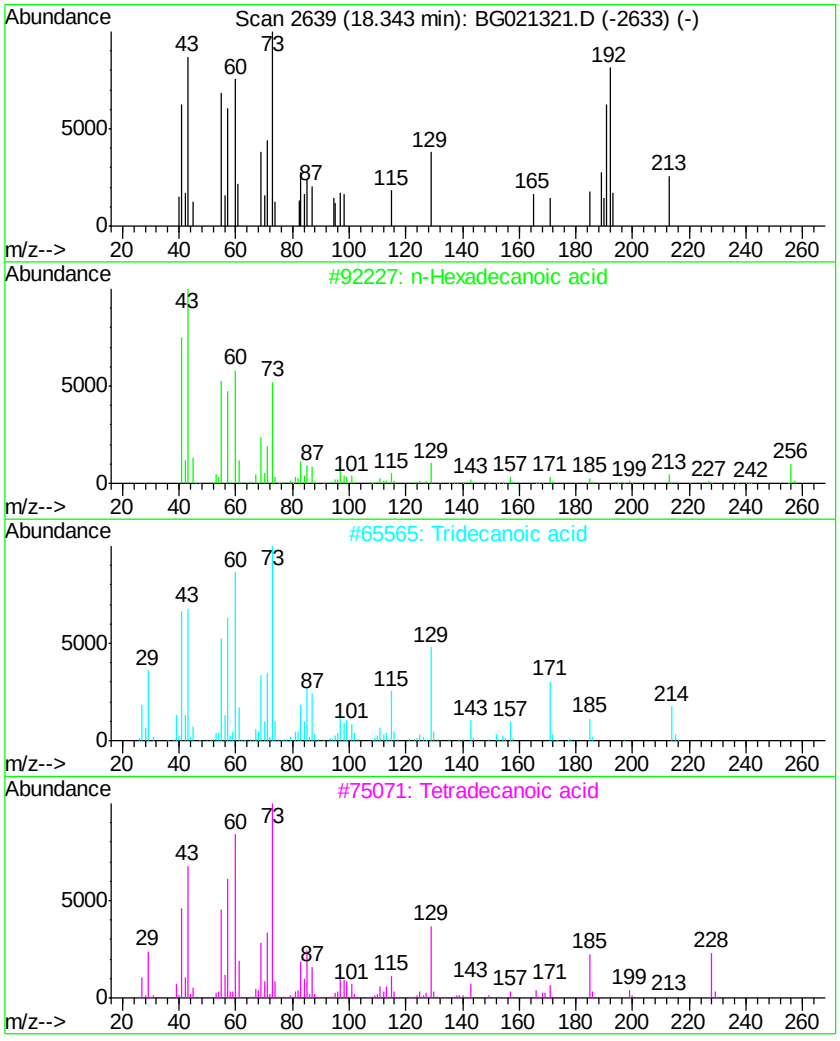
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

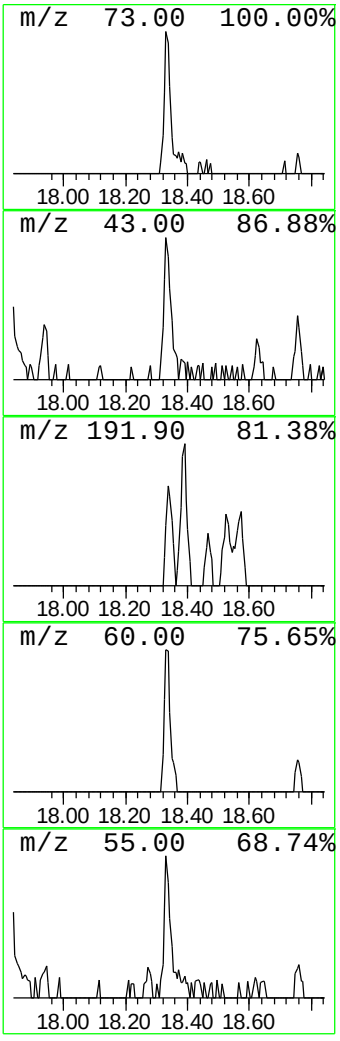
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.02 ng/ul	31201	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	50
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-C350

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

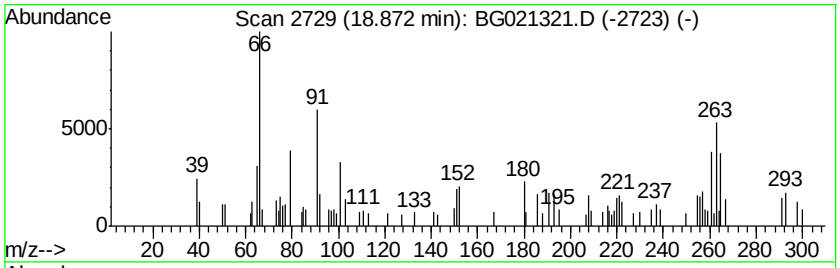
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

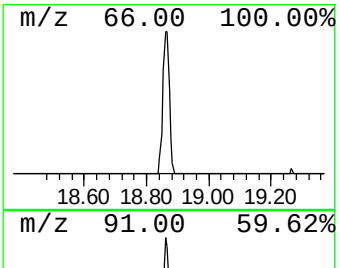
****

Peak Number 3 1-Penten-3-yne Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	5.69 ng/ul	58813	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-yne	66	C5H6	000646-05-9	58
2	4-Pentyn-1-ol	84	C5H8O	005390-04-5	53
3	4,7-Methanoisobenzofuran-1,3-dio...	164	C9H8O3	000826-62-0	53
4	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	53
5	1,3-Cyclopentadiene	66	C5H6	000542-92-7	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-C350

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

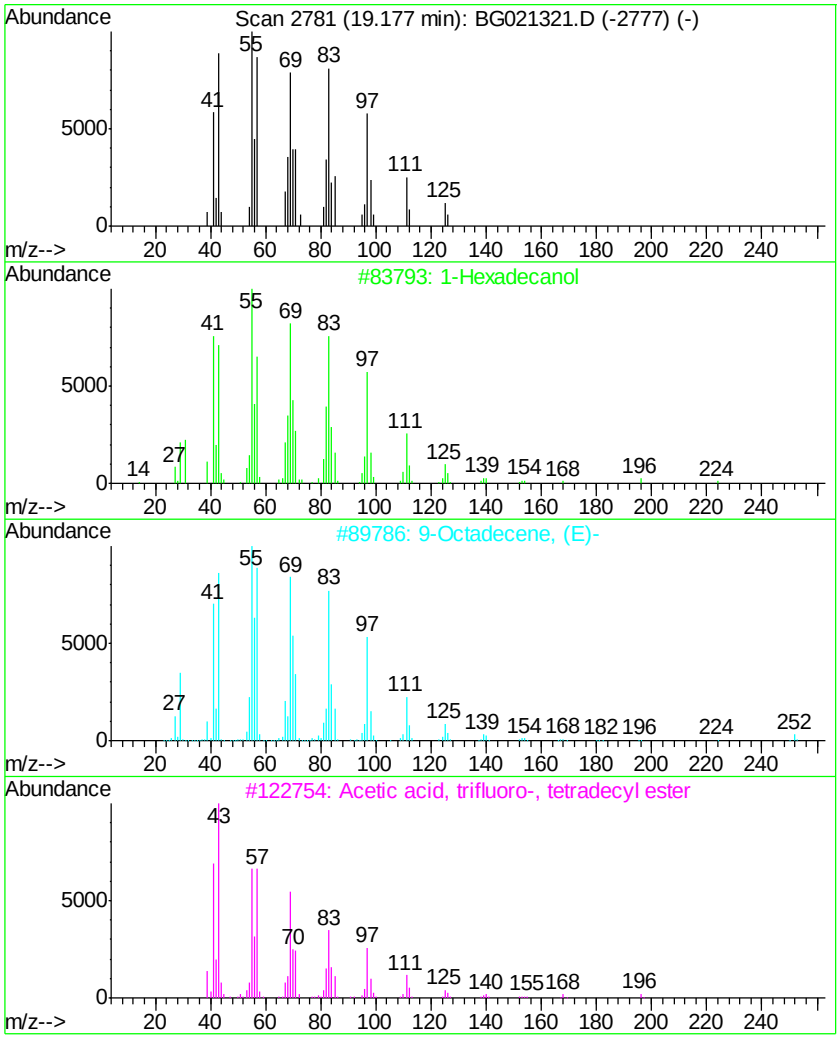
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

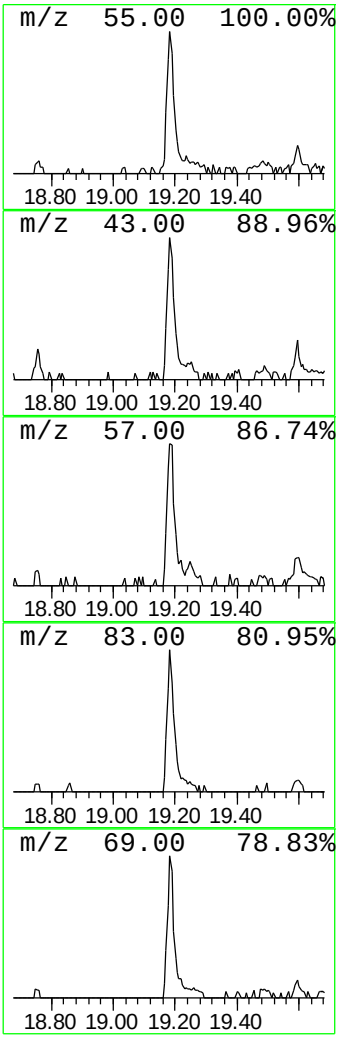
****

Peak Number 4 1-Hexadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	6.11 ng/ul	63123	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	83
3	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	72
4	1-Heptadecanol	256	C17H36O	001454-85-9	60
5	Cyclotetradecane	196	C14H28	000295-17-0	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-C350

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

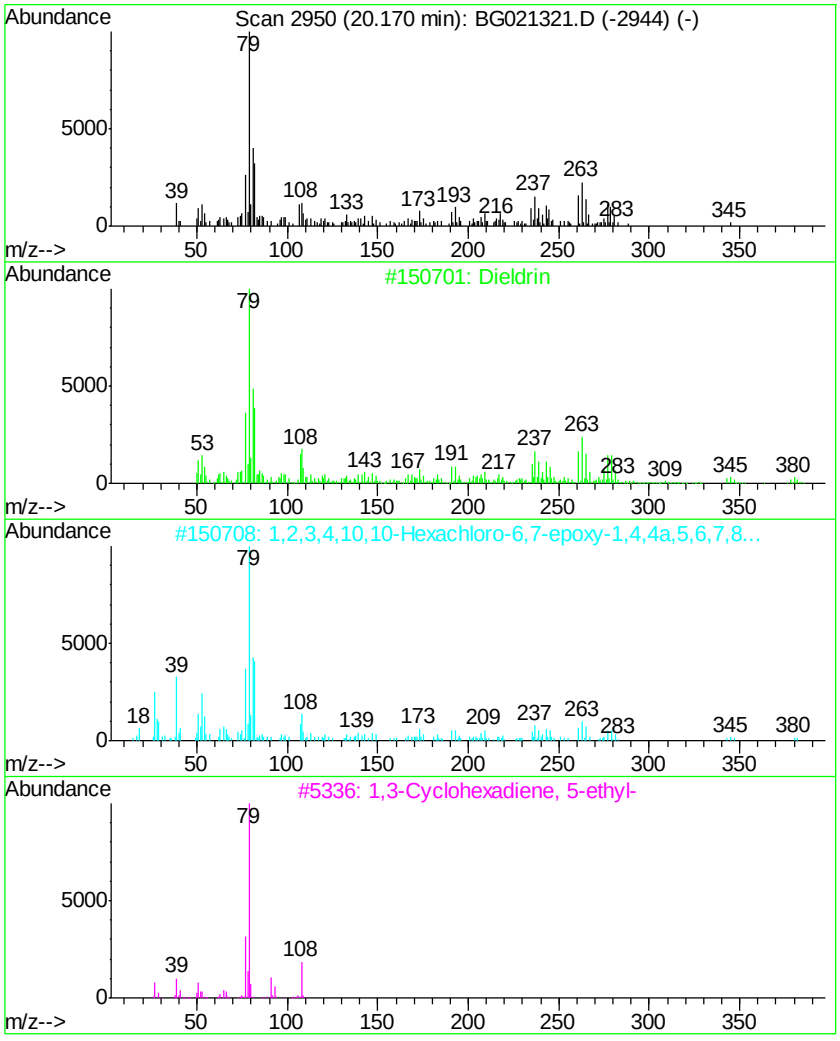
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

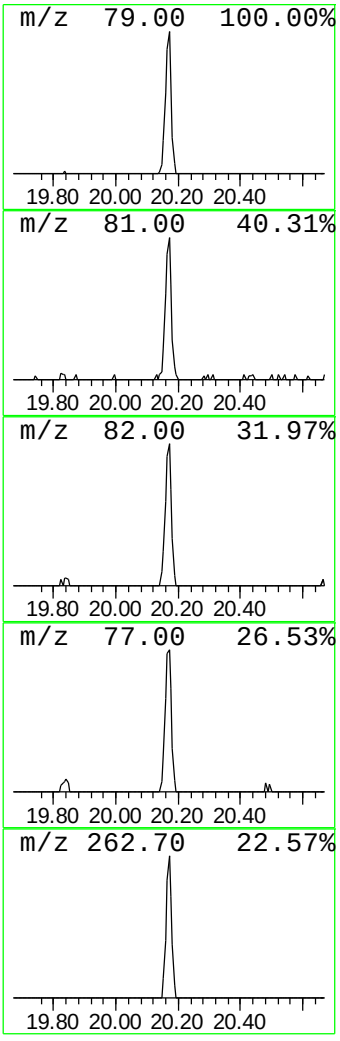
****

Peak Number 5 Dieldrin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	9.05 ng/ul	136784	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	70
2	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	53
3	1,3-Cyclohexadiene, 5-ethyl-	108	C8H12	040085-08-3	35
4	Cyclopropane, ethenylmethylene-	80	C6H8	019995-92-7	35
5	Bicyclo[3.1.0]hexane, 6-methylene-	94	C7H10	054211-16-4	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-C350

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

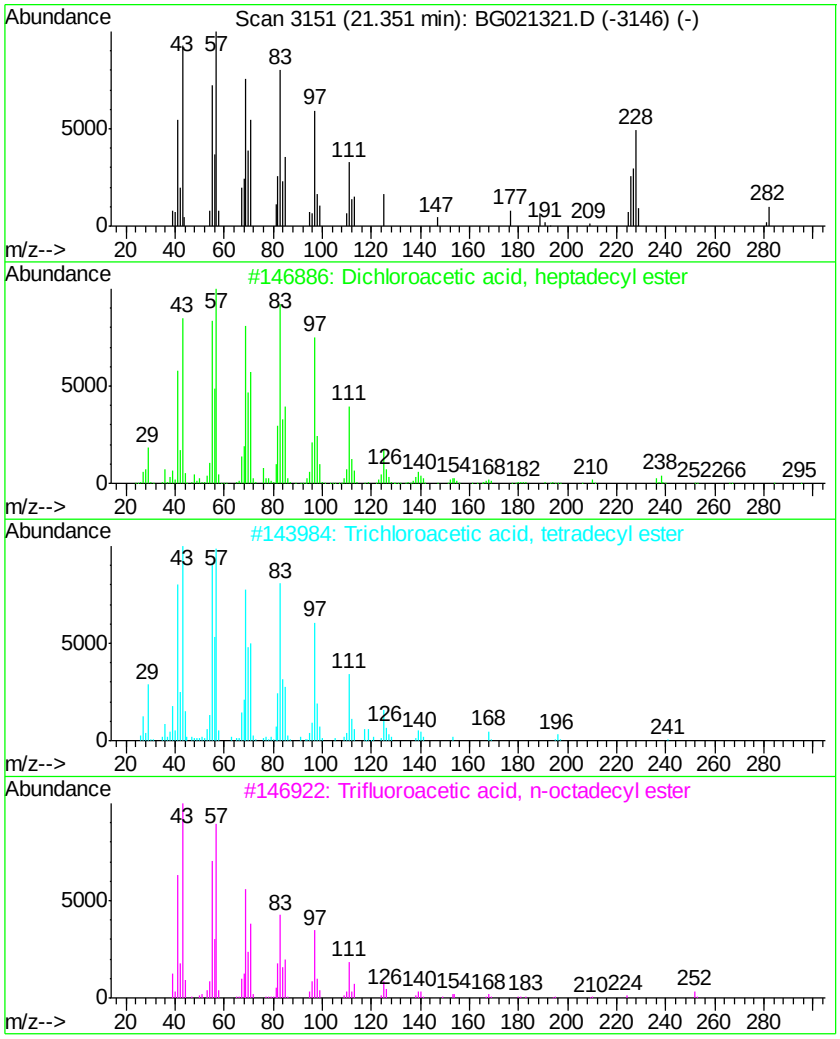
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

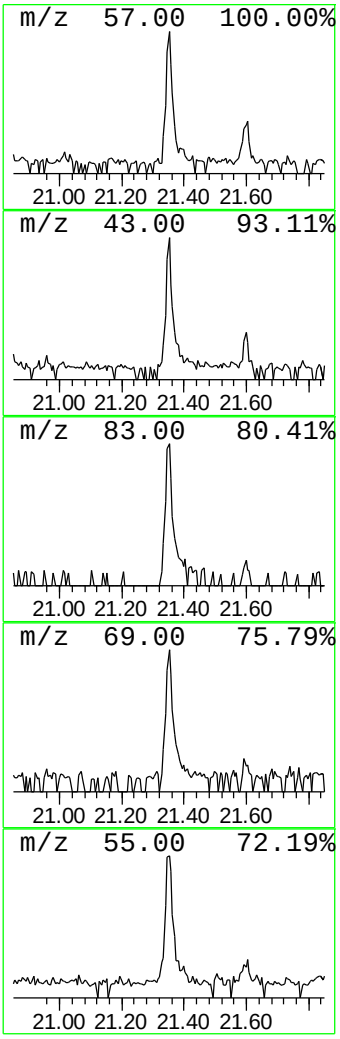
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	2.62 ng/ul	39658	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	89
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	76
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	76
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-C350

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

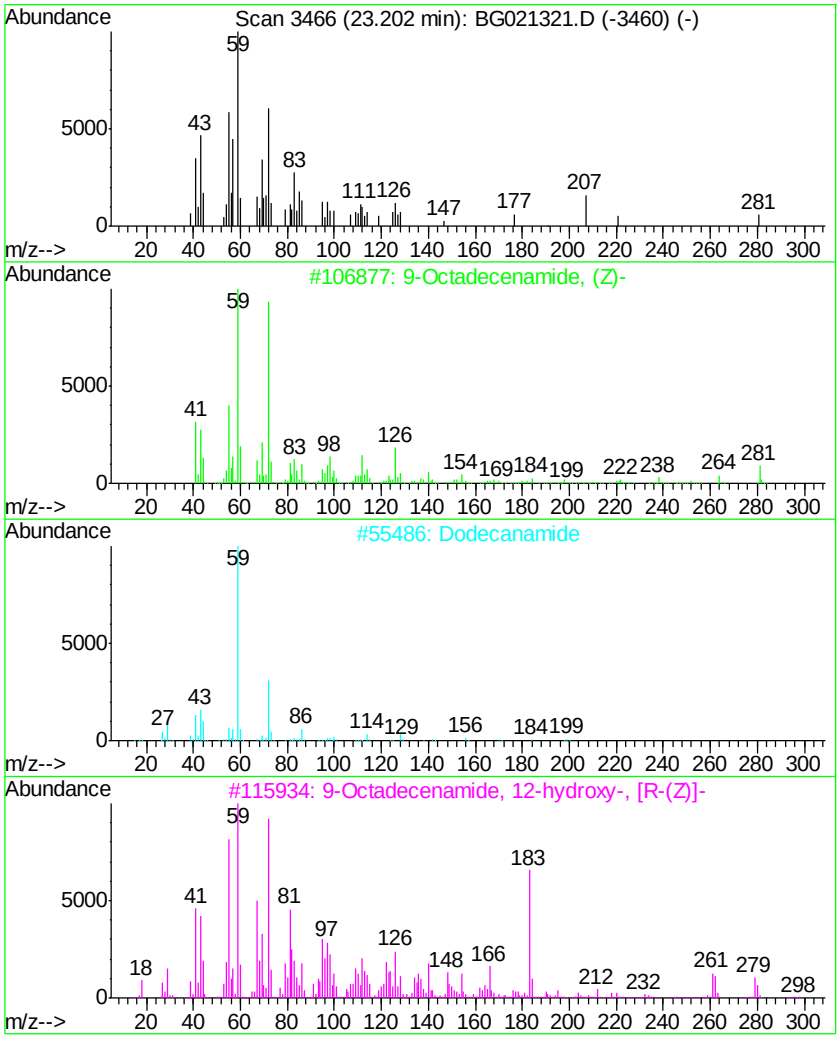
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

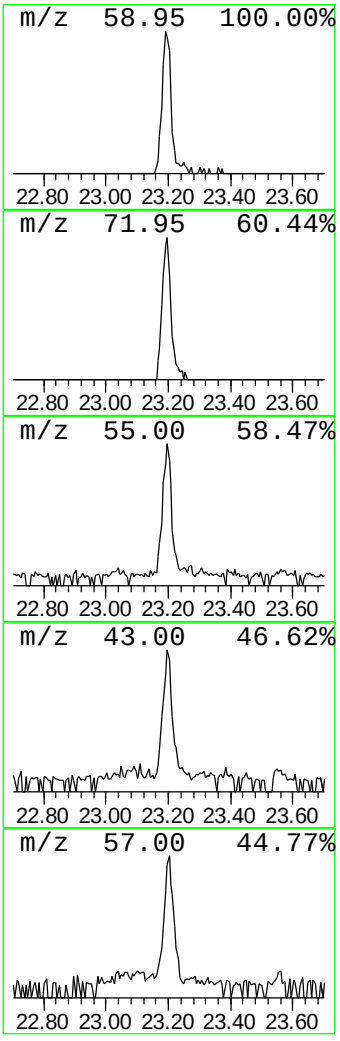
****

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	4.06 ng/ul	61427	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	Dodecanamide	199	C12H25NO	001120-16-7	47
3	9-Octadecenamide, 12-hydroxy-, [...	297	C18H35NO2	035732-94-6	45
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	43
5	Dodecanamide	199	C12H25NO	001120-16-7	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021321.D
Acq On : 6 Mar 2016 1:46
Operator : UM/SJ
Sample : H1650-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-C350

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: Cyc...	17.83	2.5	ng/ul	25547	4	17.47	206600	20.0
n-Hexadecanoic acid	18.34	3.0	ng/ul	31201	4	17.47	206600	20.0
1-Penten-3-yne	18.87	5.7	ng/ul	58813	4	17.47	206600	20.0
1-Hexadecanol	19.18	6.1	ng/ul	63123	4	17.47	206600	20.0
Dieldrin	20.17	9.1	ng/ul	136784	5	21.73	302384	20.0
Dichloroacetic ac...	21.35	2.6	ng/ul	39658	5	21.73	302384	20.0
9-Octadecenamide,...	23.20	4.1	ng/ul	61427	5	21.73	302384	20.0