LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021322.D
Acq On : 6 Mar 2016 2:26
Operator : UM/SJ
Sample : H1650-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-A140

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	3.192	56	60	62	rBV4	2669	3479	1.11%	0.114%
2	3.216	62	64	69	rVV4	1764	2193	0.70%	0.072%
3	3.263	69	72	79	rVB2	4321	5991	1.92%	0.197%
4	3.533	115	118	121	rVB2	1312	1766	0.57%	0.058%
5	3.627	132	134	137	rBV	503	627	0.20%	0.021%
6	4.068	206	209	212	rVB4	1306	1507	0.48%	0.049%
7	4.156	218	224	226	rBV2	487	745	0.24%	0.024%
8	4.244	236	239	240	rBV	756	660	0.21%	0.022%
9	4.285	245	246	250	rBV3	518	608	0.19%	0.020%
10	4.638	303	306	310	rVB	528	798	0.26%	0.026%
11	5.208	400	403	406	rBV	711	853	0.27%	0.028%
12	7.276	749	755	764	rBB	27036	45337	14.51%	1.489%
13	7.446	778	784	791	rBB	22039	34693	11.11%	1.139%
14	7.652	813	819	826	rBB	25118	42854	13.72%	1.407%
15	8.128	893	900	906	rVB	43879	74295	23.78%	2.440%
16	8.815	1010	1017	1025	rBV	30628	51527	16.49%	1.692%
17	9.285	1091	1097	1107	rVB	27819	48384	15.49%	1.589%
18	9.373	1109	1112	1116	rVB	533	830	0.27%	0.027%
19	10.008	1214	1220	1227	rBB2	23539	39472	12.64%	1.296%
20	10.543	1306	1311	1318	rBB	31594	55009	17.61%	1.807%
21	10.930	1369	1377	1385	rBV	68870	118416	37.91%	3.889%
22	11.066	1393	1400	1410	rBV	37689	66054	21.14%	2.169%
23	13.610	1830	1833	1839	rBB2	1961	2938	0.94%	0.096%
24	14.133	1916	1922	1926	rBV	63957	90955	29.12%	2.987%
25	14.180	1926	1930	1935	rVB	26026	35091	11.23%	1.153%
26	14.426	1966	1972	1980	rVB	70220	109542	35.07%	3.598%
27	14.608	2000	2003	2004	rBV	850	623	0.20%	0.020%
28	14.732	2018	2024	2031	rBB2	100725	158838	50.85%	5.217%
29	14.796	2031	2035	2039	rBB	2593	3215	1.03%	0.106%
30	14.908	2049	2054	2064	rBB	23477	37858	12.12%	1.243%
31	15.137	2088	2093	2101	rBB2	4117	5928	1.90%	0.195%
32	15.507	2153	2156	2158	rBV	663	849	0.27%	0.028%
33	15.554	2160	2164	2167	rVB	2923	3751	1.20%	0.123%
34	15.719	2185	2192	2198	rBV	94968	139864	44.77%	4.594%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021322.D
Acq On : 6 Mar 2016 2:26
Operator : UM/SJ
Sample : H1650-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-A140

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	15.772	2198	2201	2206	rVV	2375	3402	1.09%	0.112%
36	15.825	2206	2210	2218	rVB	28187	39457	12.63%	1.296%
37	15.954	2226	2232	2236	rBB	1488	2145	0.69%	0.070%
38	16.066	2247	2251	2253	rVB	789	738	0.24%	0.024%
39	16.212	2272	2276	2277	rBV	589	579	0.19%	0.019%
40	16.412	2306	2310	2313	rBV2	5592	7549	2.42%	0.248%
41	16.442	2313	2315	2318	rVV2	2036	2051	0.66%	0.067%
42	16.594	2339	2341	2344	rVB	1105	1197	0.38%	0.039%
43	16.759	2366	2369	2375	rBB3	1002	1679	0.54%	0.055%
44	16.918	2392	2396	2399	rBB	500	711	0.23%	0.023%
45	17.129	2428	2432	2433	rBV	567	775	0.25%	0.025%
46	17.200	2440	2444	2450	rBB	3989	5158	1.65%	0.169%
47	17.258	2450	2454	2456	rBV	1530	1690	0.54%	0.056%
48	17.294	2456	2460	2463	rVB2	1008	1496	0.48%	0.049%
49	17.335	2464	2467	2471	rBV2	874	1180	0.38%	0.039%
50	17.470	2484	2490	2494	rBV	132733	195127	62.46%	6.409%
51	17.511	2494	2497	2501	rVB	35437	48706	15.59%	1.600%
52	17.564	2501	2506	2511	rBV	95110	143457	45.92%	4.712%
53	17.658	2520	2522	2526	rVB	722	816	0.26%	0.027%
54	17.740	2532	2536	2538	rVB2	384	584	0.19%	0.019%
55	17.834	2545	2552	2554	rBV	968	1798	0.58%	0.059%
56	17.869	2554	2558	2563	rVV	3102	4256	1.36%	0.140%
57	17.940	2566	2570	2576	rVV2	2004	2566	0.82%	0.084%
58	18.034	2583	2586	2590	rVB	1863	1932	0.62%	0.063%
59	18.275	2622	2627	2632	rBV3	1098	1550	0.50%	0.051%
60	18.334	2632	2637	2643	rBV3	23433	31430	10.06%	1.032%
61	18.386	2643	2646	2649	rBV	3847	5056	1.62%	0.166%
62	18.457	2655	2658	2659	rBV	1668	1257	0.40%	0.041%
63	18.533	2664	2671	2675	rBV5	7440	13206	4.23%	0.434%
64	18.569	2675	2677	2681	rVB2	2538	2543	0.81%	0.084%
65	18.621	2684	2686	2691	rBV	1411	2066	0.66%	0.068%
66	18.663	2691	2693	2697	rVB	577	657	0.21%	0.022%
67	18.733	2702	2705	2706	rBV2	1726	1864	0.60%	0.061%
68	18.757	2706	2709	2718	rVB2	4801	5617	1.80%	0.184%
69	18.833	2718	2722	2725	rBV2	2618	3445	1.10%	0.113%
70	18.868	2725	2728	2732	rBV2	1874	2148	0.69%	0.071%
71	19.062	2760	2761	2762	rBV2	1155	656	0.21%	0.022%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021322.D
Acq On : 6 Mar 2016 2:26
Operator : UM/SJ
Sample : H1650-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-A140

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	19.127	2769	2772	2774	rBV	1127	1104	0.35%	0.036%
73	19.191	2778	2783	2784	rBV	832	1018	0.33%	0.033%
74	19.250	2789	2793	2795	rVV3	2268	3042	0.97%	0.100%
75	19.291	2799	2800	2802	rVV	976	653	0.21%	0.021%
76	19.332	2806	2807	2811	rVV3	1103	950	0.30%	0.031%
77	19.385	2813	2816	2820	rVB4	1379	1970	0.63%	0.065%
78	19.450	2825	2827	2829	rBV2	751	682	0.22%	0.022%
79	19.467	2829	2830	2831	rVV	1012	646	0.21%	0.021%
80	19.509	2831	2837	2846	rVB	75470	105164	33.66%	3.454%
81	19.597	2848	2852	2857	rVV3	9494	12642	4.05%	0.415%
82	19.650	2857	2861	2865	rVB3	16260	19040	6.09%	0.625%
83	19.838	2884	2893	2897	rBV	138622	246679	78.97%	8.102%
84	19.908	2903	2905	2907	rVB2	1388	960	0.31%	0.032%
85	19.938	2907	2910	2917	rVB5	4942	7302	2.34%	0.240%
86	20.043	2925	2928	2932	rVB2	3937	4990	1.60%	0.164%
87	20.108	2935	2939	2944	rBV3	2595	3878	1.24%	0.127%
88	20.178	2946	2951	2958	rBV8	4211	10051	3.22%	0.330%
89	20.319	2972	2975	2977	rBV4	3633	4453	1.43%	0.146%
90	20.355	2977	2981	2986	rVB	12678	18193	5.82%	0.598%
91	20.455	2994	2998	3002	rBV2	9581	13261	4.25%	0.436%
92	20.490	3002	3004	3005	rBV2	2761	2198	0.70%	0.072%
93	20.772	3050	3052	3055	rBV4	2316	2034	0.65%	0.067%
94	21.348	3146	3150	3155	rBV2	33191	49829	15.95%	1.637%
95	21.724	3206	3214	3220	rBV2	149870	312389	100.00%	10.260%
96	21.771	3220	3222	3231	rVB	31718	45808	14.66%	1.504%
97	23.198	3461	3465	3473	rVB5	19011	38198	12.23%	1.255%
98	23.939	3586	3591	3598	rBV2	18235	49530	15.86%	1.627%
99	24.750	3722	3729	3736	rBV	53447	129286	41.39%	4.246%
100	24.979	3759	3768	3778	rBV2	84568	232714	74.49%	7.643%

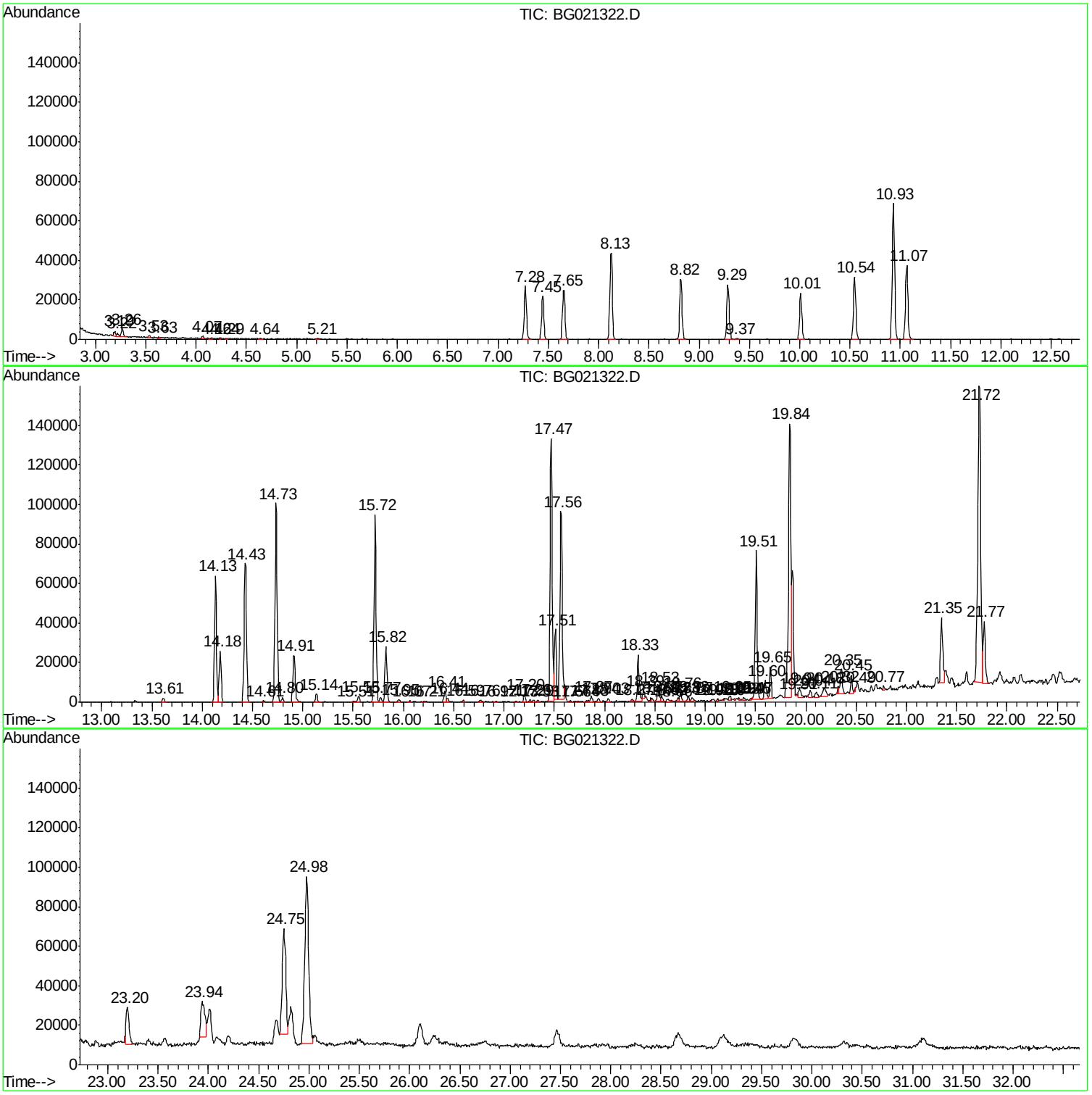
Sum of corrected areas: 3044758

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021322.D
Acq On : 6 Mar 2016 2:26
Operator : UM/SJ
Sample : H1650-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-A140

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\BG030516\
Data File : BG021322.D
Acq On : 6 Mar 2016 2:26
Operator : UM/SJ
Sample : H1650-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-A140

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

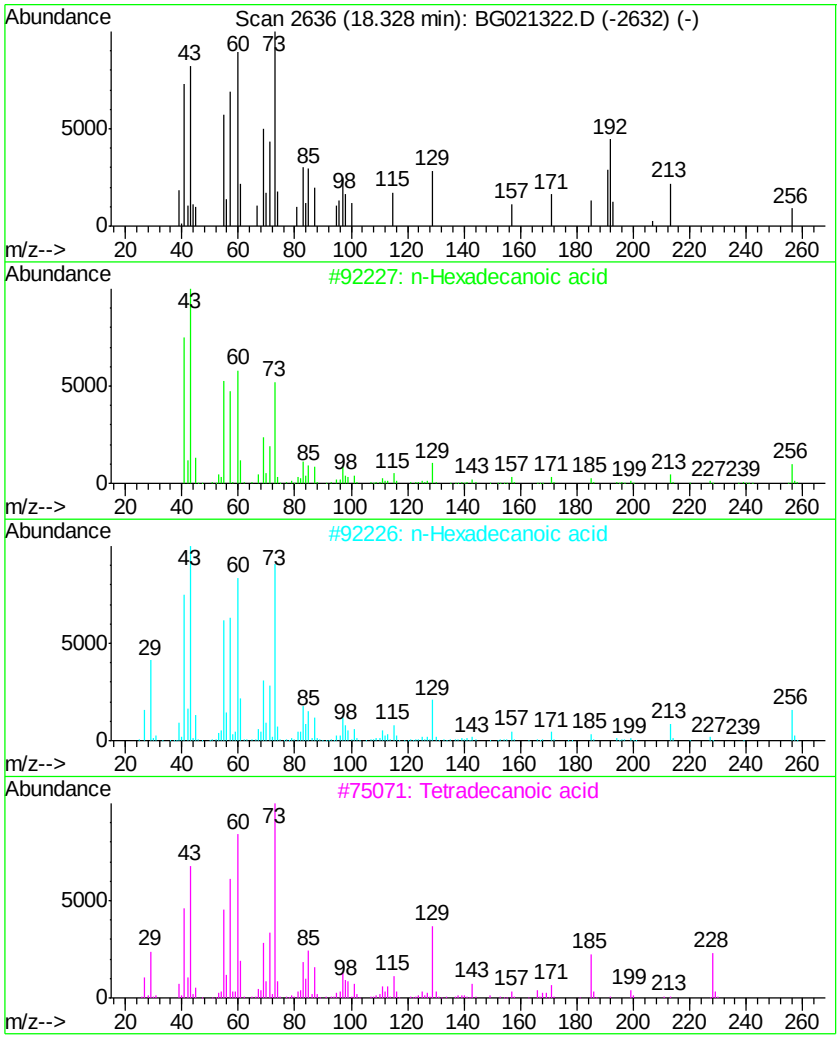
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

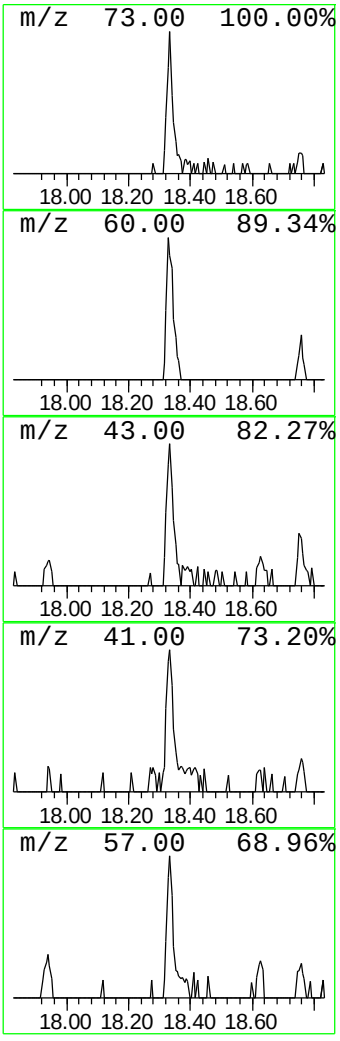
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	3.22 ng/ul	31430	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5	Tridecanoic acid	214	C13H26O2	000638-53-9	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021322.D
Acq On : 6 Mar 2016 2:26
Operator : UM/SJ
Sample : H1650-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-A140

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

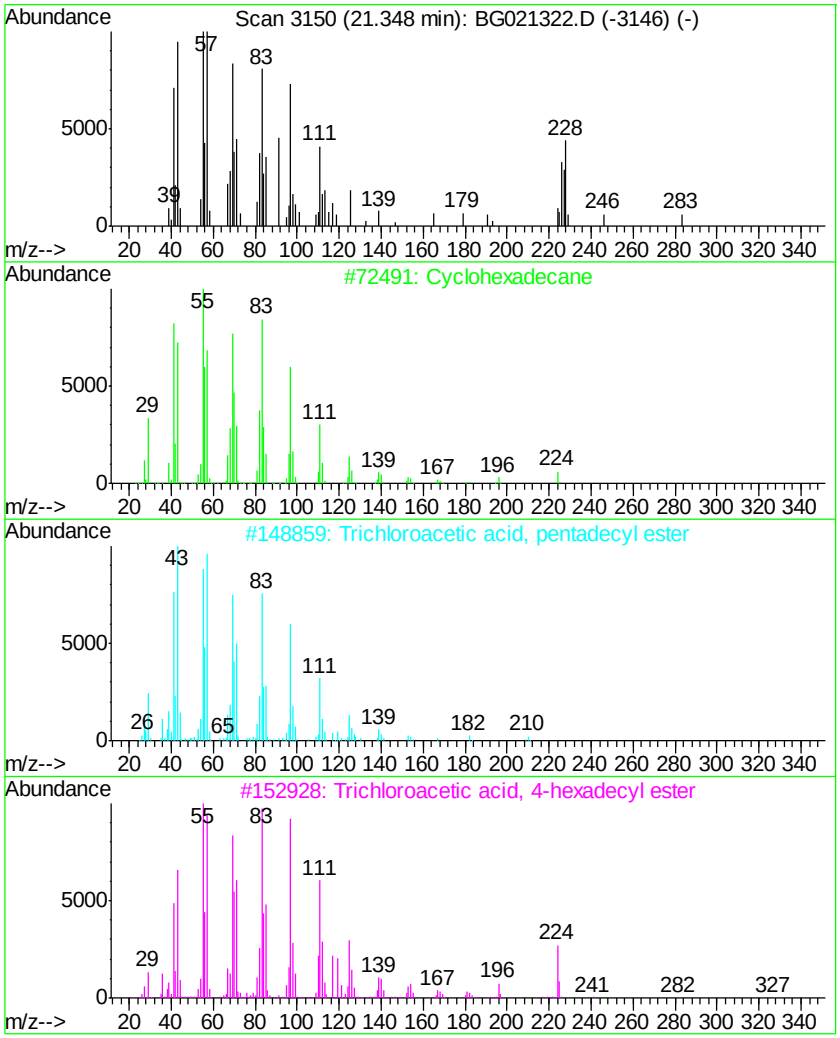
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

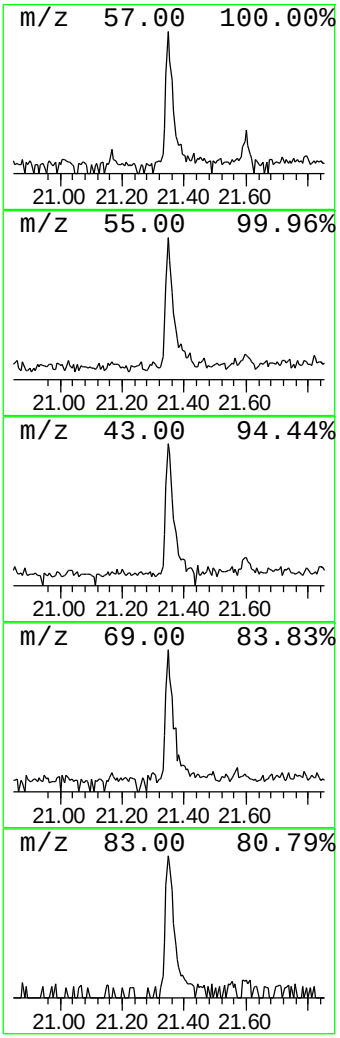
****

Peak Number 2 (DEL) Alkane: Cyclic21.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.19 ng/ul	49829	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	89
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
3	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	76
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	76
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021322.D
Acq On : 6 Mar 2016 2:26
Operator : UM/SJ
Sample : H1650-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-A140

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

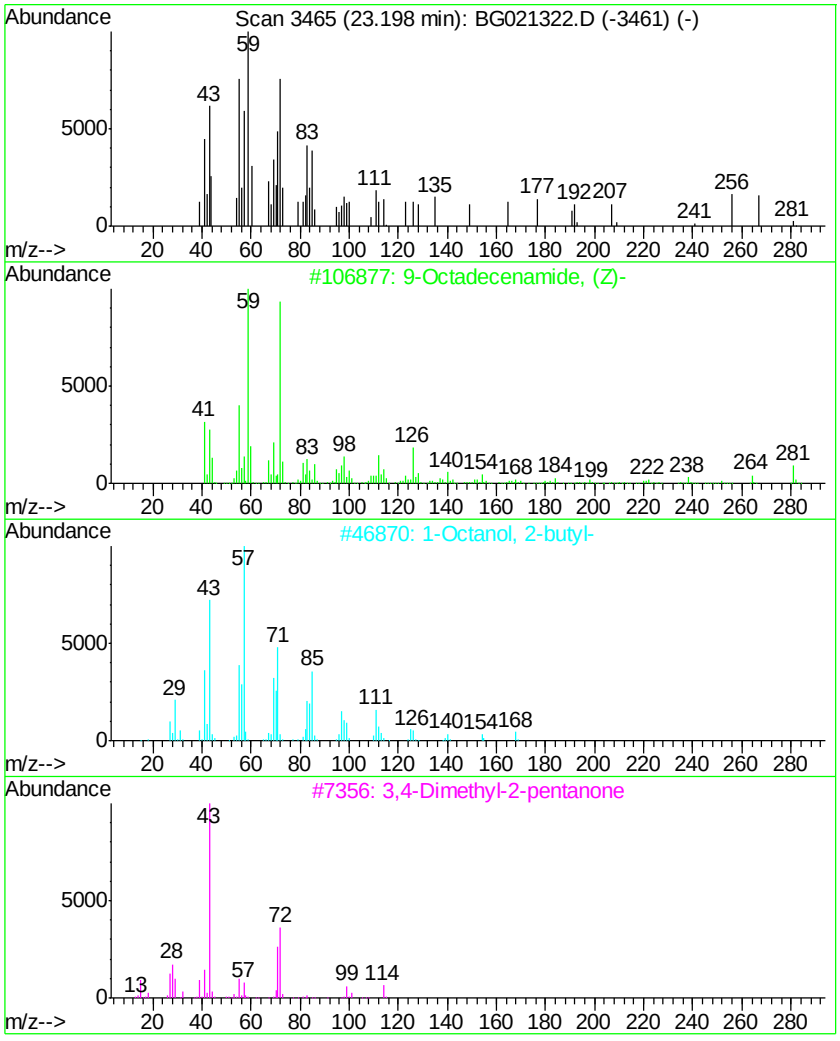
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

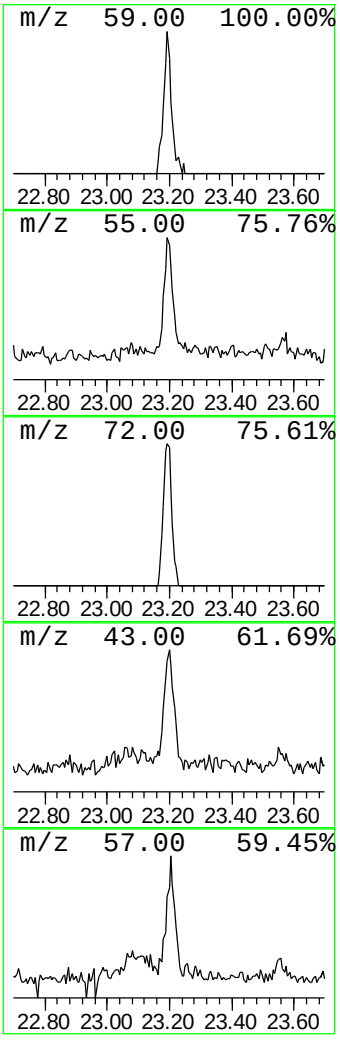
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	2.45 ng/ul	38198	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	38
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	22
3	3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	22
4	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	18
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021322.D
Acq On : 6 Mar 2016 2:26
Operator : UM/SJ
Sample : H1650-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-A140

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
n-Hexadecanoic acid	18.33	3.2	ng/ul	31430	4	17.47	195127	20.0
(DEL) Alkane: Cyc...	21.35	3.2	ng/ul	49829	5	21.73	312389	20.0
unknown-01	23.20	2.5	ng/ul	38198	5	21.73	312389	20.0