LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021309.D
Acq On : 5 Mar 2016 17:16
Operator : UM/SJ
Sample : H1650-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-A210

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	3.043	32	35	41	rVB	5501	7499	1.99%	0.191%
2	3.307	78	80	82	rVB2	819	535	0.14%	0.014%
3	3.348	82	87	88	rBV2	579	751	0.20%	0.019%
4	3.437	100	102	107	rVV3	344	539	0.14%	0.014%
5	3.536	115	119	122	rVV3	2664	3512	0.93%	0.090%
6	3.613	130	132	135	rVB	455	559	0.15%	0.014%
7	3.848	170	172	176	rVB2	394	550	0.15%	0.014%
8	3.901	179	181	184	rVB	504	578	0.15%	0.015%
9	4.053	206	207	211	rVB	985	754	0.20%	0.019%
10	4.159	223	225	227	rVB	781	523	0.14%	0.013%
11	4.294	245	248	251	rVB4	888	1061	0.28%	0.027%
12	7.273	749	755	765	rBB	60197	100090	26.58%	2.552%
13	7.444	777	784	792	rBB	46726	75946	20.17%	1.936%
14	7.655	813	820	828	rBB	59811	97567	25.91%	2.488%
15	8.125	893	900	907	rBV	37987	59830	15.89%	1.525%
16	8.818	1011	1018	1026	rBB	74967	124289	33.00%	3.169%
17	9.288	1091	1098	1108	rBB	62272	107398	28.52%	2.738%
18	10.011	1215	1221	1228	rBV	54438	92123	24.46%	2.349%
19	10.546	1305	1312	1320	rBB	71358	122244	32.46%	3.117%
20	10.934	1371	1378	1386	rVB	52002	92810	24.64%	2.366%
21	11.063	1393	1400	1407	rBV	94255	170127	45.17%	4.338%
22	12.502	1642	1645	1650	rBB2	933	1157	0.31%	0.029%
23	13.613	1831	1834	1837	rBB	755	705	0.19%	0.018%
24	14.136	1915	1923	1927	rBV	138074	194784	51.72%	4.966%
25	14.177	1927	1930	1936	rVB	19743	28384	7.54%	0.724%
26	14.430	1967	1973	1980	rBB	152049	227818	60.49%	5.809%
27	14.612	2000	2004	2009	rBB2	4252	5545	1.47%	0.141%
28	14.735	2019	2025	2031	rBB2	77688	123045	32.67%	3.137%
29	14.911	2050	2055	2066	rBV	73476	112482	29.87%	2.868%
30	15.058	2079	2080	2085	rVB	576	554	0.15%	0.014%
31	15.158	2096	2097	2101	rBB	891	708	0.19%	0.018%
32	15.223	2104	2108	2111	rBB	941	1061	0.28%	0.027%
33	15.299	2117	2121	2122	rBB	677	643	0.17%	0.016%
34	15.511	2154	2157	2160	rBB	657	728	0.19%	0.019%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021309.D
Acq On : 5 Mar 2016 17:16
Operator : UM/SJ
Sample : H1650-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-A210

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	15.552	2160	2164	2168	rBV	7044	8766	2.33%	0.224%
36	15.722	2186	2193	2199	rVB	191089	285687	75.86%	7.284%
37	15.828	2206	2211	2219	rBB	72666	103710	27.54%	2.644%
38	15.957	2226	2233	2236	rBV2	2772	4875	1.29%	0.124%
39	16.110	2254	2259	2261	rBB	970	1114	0.30%	0.028%
40	16.175	2267	2270	2273	rBB	903	747	0.20%	0.019%
41	16.415	2307	2311	2314	rBV	7481	10131	2.69%	0.258%
42	16.750	2365	2368	2372	rBV2	953	1413	0.38%	0.036%
43	16.821	2375	2380	2382	rBB2	624	690	0.18%	0.018%
44	17.203	2440	2445	2449	rBV2	2777	3829	1.02%	0.098%
45	17.467	2484	2490	2497	rBV2	99547	152817	40.58%	3.896%
46	17.567	2501	2507	2514	rVV2	219852	318527	84.58%	8.121%
47	18.337	2632	2638	2645	rBV	16959	22706	6.03%	0.579%
48	18.760	2705	2710	2714	rVB2	821	1184	0.31%	0.030%
49	19.071	2762	2763	2766	rBV	594	536	0.14%	0.014%
50	19.383	2814	2816	2818	rVV	555	548	0.15%	0.014%
51	19.477	2823	2832	2838	rVV2	1992	4395	1.17%	0.112%
52	19.600	2849	2853	2859	rBV	7166	9328	2.48%	0.238%
53	19.729	2872	2875	2878	rVB2	1309	1480	0.39%	0.038%
54	19.788	2881	2885	2888	rBV2	540	928	0.25%	0.024%
55	19.841	2888	2894	2903	rBV	264136	376603	100.00%	9.602%
56	19.905	2903	2905	2908	rVB2	685	778	0.21%	0.020%
57	19.970	2914	2916	2917	rVB2	1213	653	0.17%	0.017%
58	19.999	2919	2921	2924	rVV3	1102	1070	0.28%	0.027%
59	20.041	2926	2928	2932	rVB4	717	885	0.23%	0.023%
60	20.088	2932	2936	2937	rBV4	680	922	0.24%	0.024%
61	20.187	2951	2953	2955	rBV2	1409	999	0.27%	0.025%
62	20.234	2960	2961	2965	rVB2	951	712	0.19%	0.018%
63	20.281	2967	2969	2970	rBV	1020	575	0.15%	0.015%
64	20.323	2974	2976	2978	rBV3	1102	1087	0.29%	0.028%
65	20.340	2978	2979	2982	rVB4	1157	964	0.26%	0.025%
66	20.387	2985	2987	2988	rBV2	727	681	0.18%	0.017%
67	20.487	3002	3004	3005	rBV2	768	728	0.19%	0.019%
68	20.769	3050	3052	3053	rBV2	1139	764	0.20%	0.019%
69	20.840	3061	3064	3065	rBV3	2052	1392	0.37%	0.035%
70	21.351	3147	3151	3160	rBV2	32345	54873	14.57%	1.399%
71	21.462	3168	3170	3173	rVB3	1451	999	0.27%	0.025%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021309.D
Acq On : 5 Mar 2016 17:16
Operator : UM/SJ
Sample : H1650-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-A210

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	21.727	3209	3215	3224	rBV	112687	178676	47.44%	4.556%
73	21.980	3256	3258	3261	rVB3	1468	1433	0.38%	0.037%
74	22.514	3345	3349	3351	rBV3	2413	3815	1.01%	0.097%
75	22.702	3379	3381	3382	rBV2	1499	894	0.24%	0.023%
76	22.931	3418	3420	3421	rBV2	1226	780	0.21%	0.020%
77	23.196	3458	3465	3471	rBV4	10361	22499	5.97%	0.574%
78	23.407	3497	3501	3505	rVB	6443	8361	2.22%	0.213%
79	23.842	3573	3575	3577	rBV3	1354	1118	0.30%	0.029%
80	24.018	3602	3605	3612	rVB7	5324	10864	2.88%	0.277%
81	24.759	3721	3731	3741	rBV2	126688	342113	90.84%	8.723%
82	24.982	3759	3769	3780	rBV3	65406	174735	46.40%	4.455%
83	25.188	3802	3804	3806	rVB	1466	735	0.20%	0.019%
84	25.499	3855	3857	3861	rBV4	1364	2227	0.59%	0.057%
85	25.998	3940	3942	3945	rBV2	1369	1273	0.34%	0.032%
86	26.110	3955	3961	3969	rVB7	6154	16305	4.33%	0.416%
87	26.233	3980	3982	3984	rBV	1985	1570	0.42%	0.040%
88	26.692	4058	4060	4062	rBV3	1291	1030	0.27%	0.026%
89	27.467	4187	4192	4193	rBV3	4827	5916	1.57%	0.151%
90	27.573	4208	4210	4213	rBV3	1394	1157	0.31%	0.029%
91	28.378	4345	4347	4348	rBV2	1472	918	0.24%	0.023%
92	28.396	4348	4350	4351	rBV2	1348	1148	0.30%	0.029%
93	28.519	4369	4371	4377	rVB6	1292	1609	0.43%	0.041%
94	29.506	4537	4539	4541	rBV2	1405	979	0.26%	0.025%
95	29.759	4580	4582	4585	rBV4	1298	1476	0.39%	0.038%
96	31.451	4868	4870	4872	rBV2	1562	1124	0.30%	0.029%
97	31.568	4888	4890	4891	rBV2	1124	598	0.16%	0.015%
98	32.162	4989	4991	4993	rBV3	1507	998	0.27%	0.025%
99	32.414	5032	5034	5036	rBV3	1481	1470	0.39%	0.037%
100	32.614	5066	5068	5070	rBV3	1304	1261	0.33%	0.032%

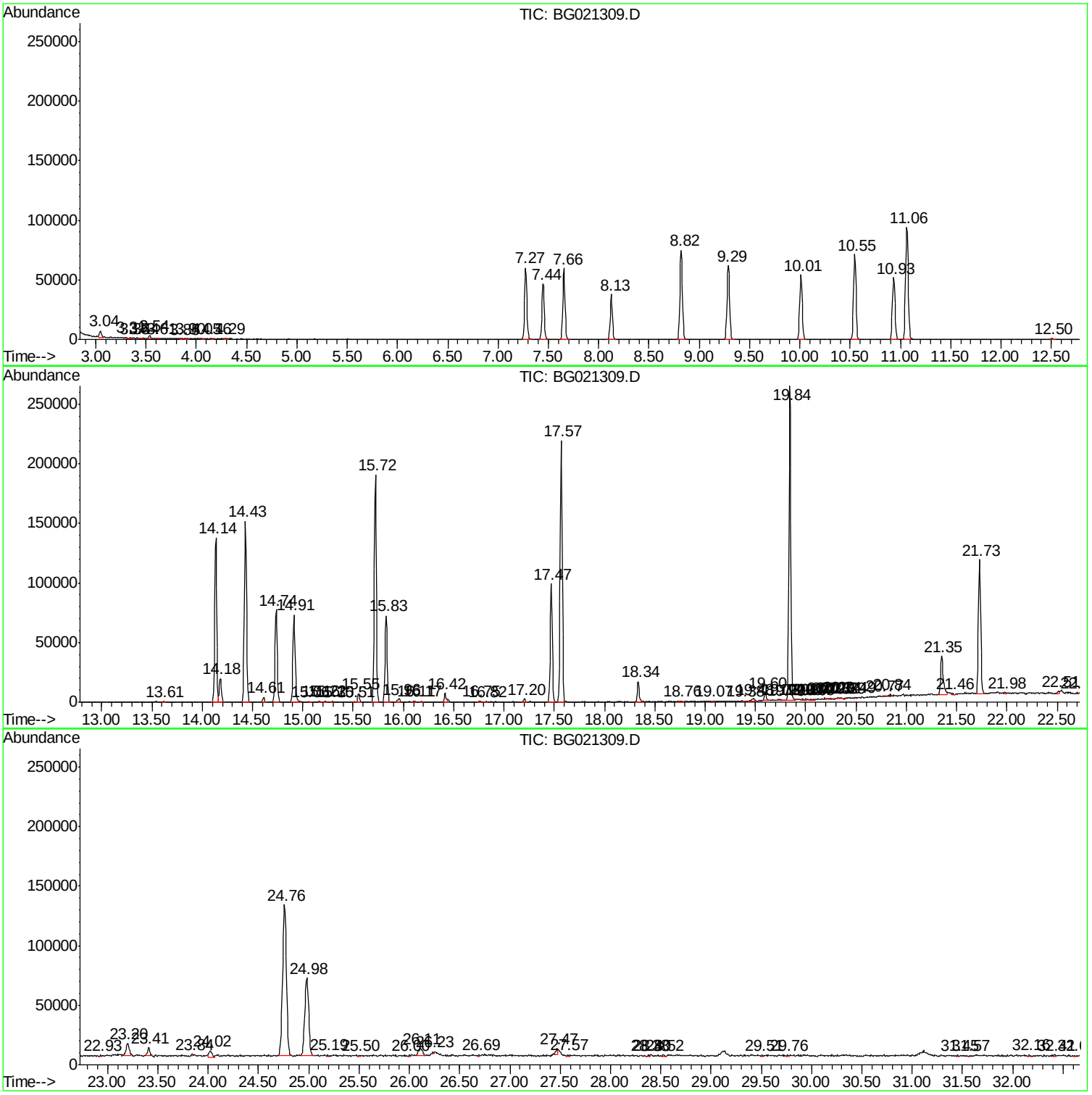
Sum of corrected areas: 3922077

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021309.D
Acq On : 5 Mar 2016 17:16
Operator : UM/SJ
Sample : H1650-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-DS-A210

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 : BG021309.D
Acq On : 5 Mar 2016 17:16
Operator : UM/SJ
Sample : H1650-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-A210

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

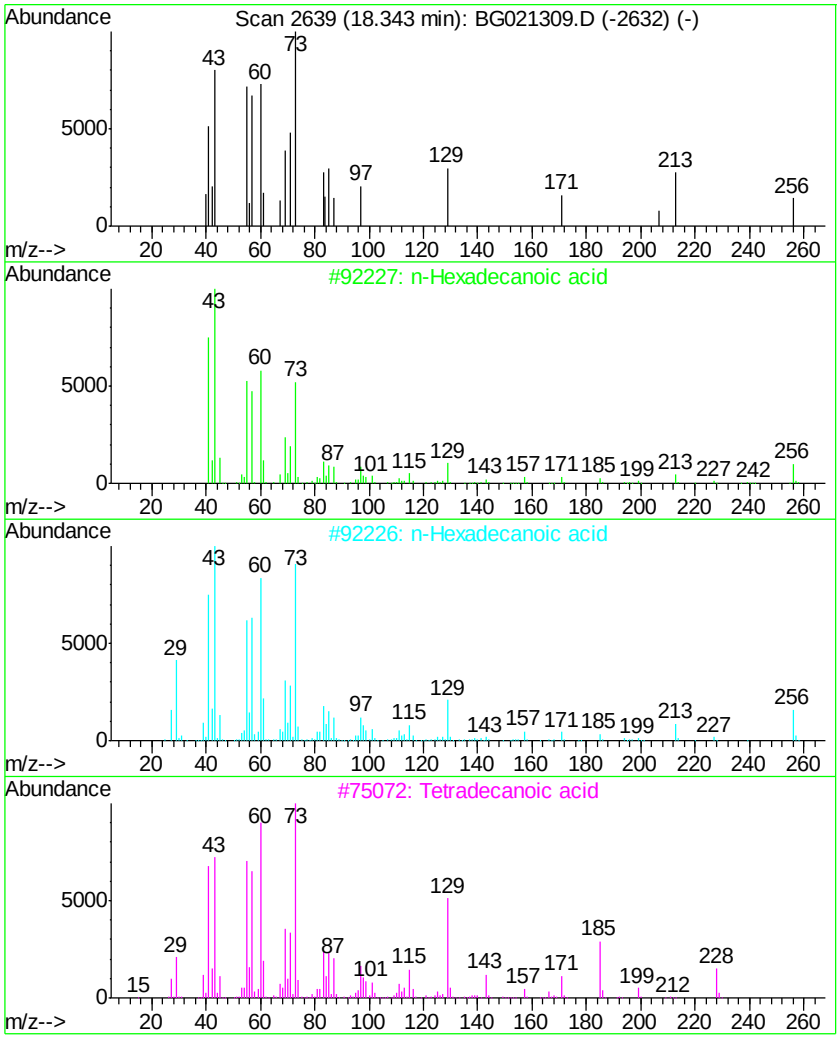
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

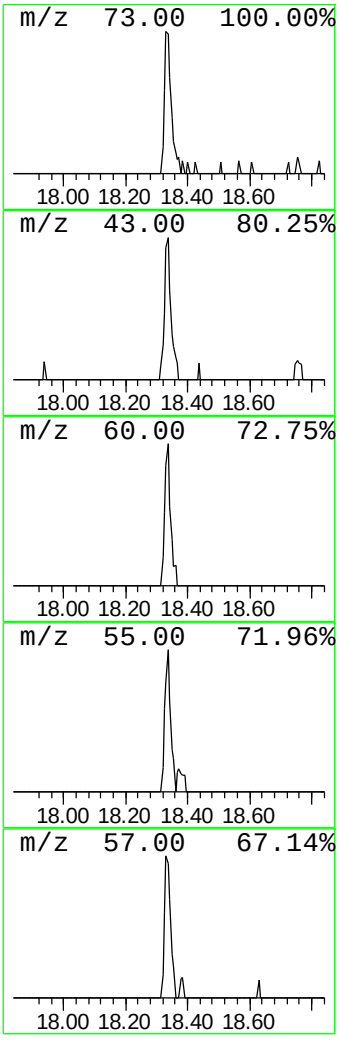
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.97 ng/ul	22706	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021309.D
Acq On : 5 Mar 2016 17:16
Operator : UM/SJ
Sample : H1650-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-A210

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

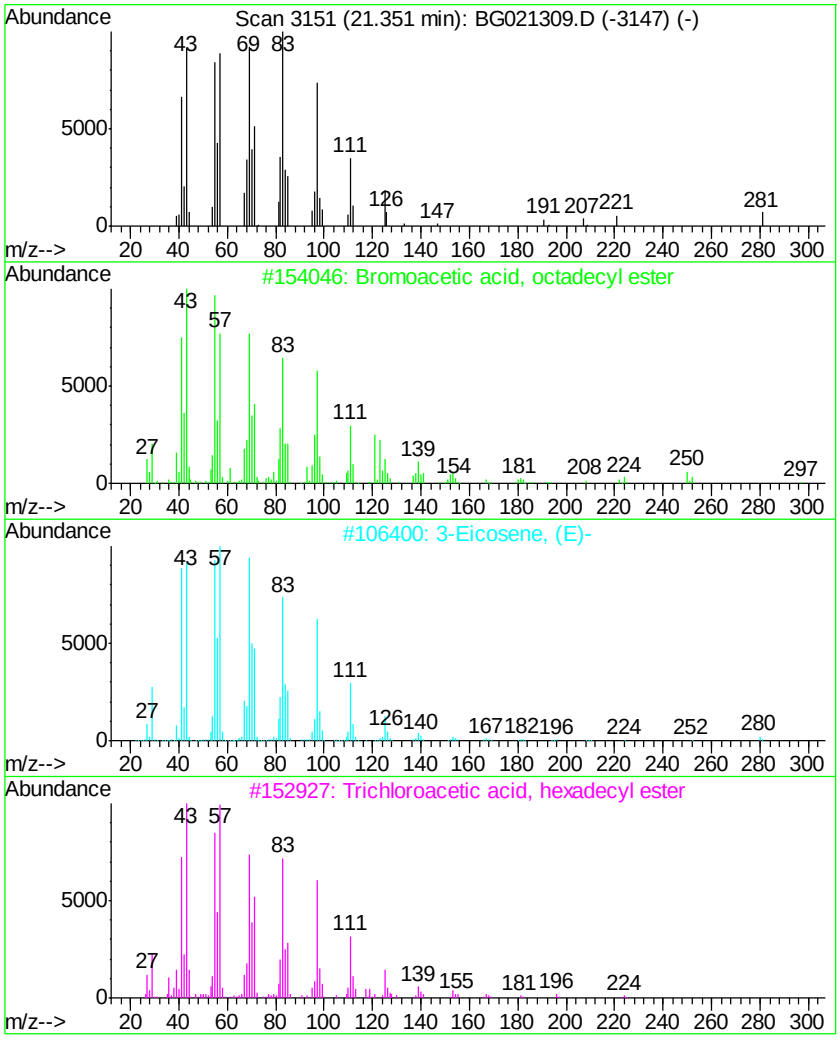
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

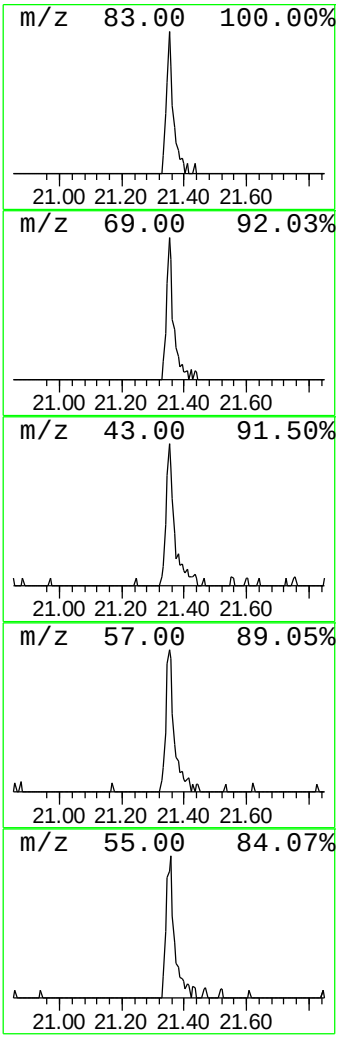
****

Peak Number 3 Bromoacetic acid, octadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	6.14 ng/ul	54873	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021309.D
Acq On : 5 Mar 2016 17:16
Operator : UM/SJ
Sample : H1650-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-A210

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

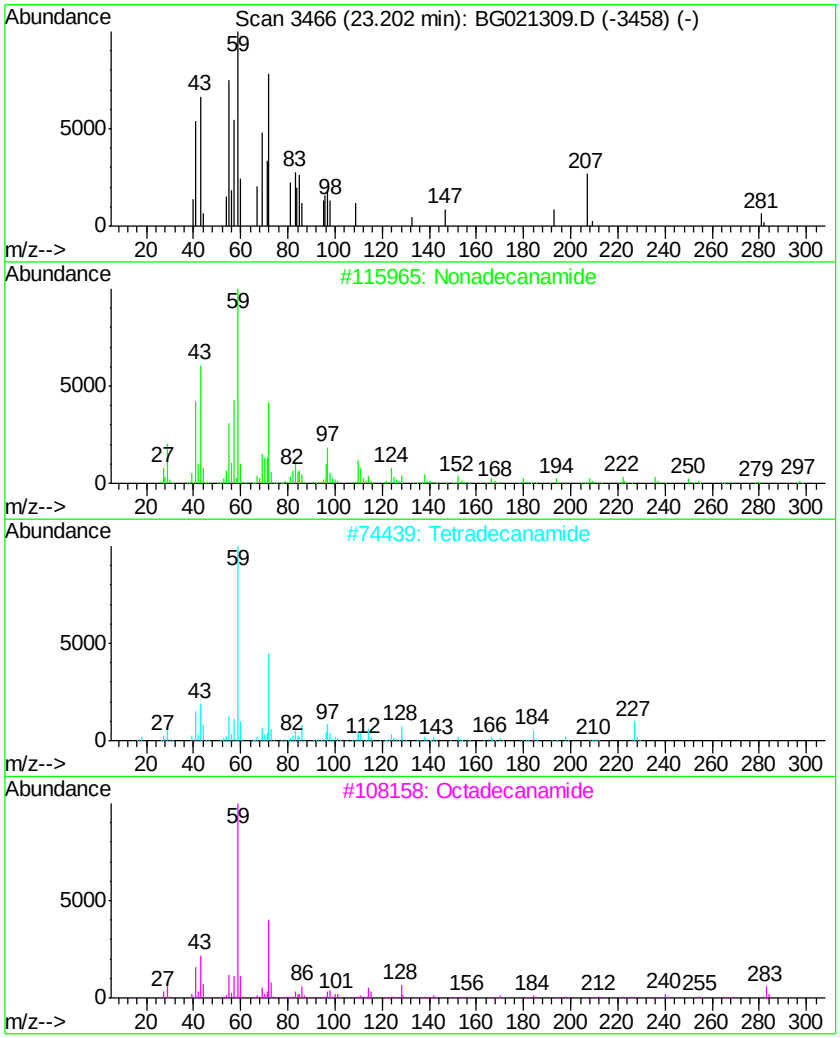
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

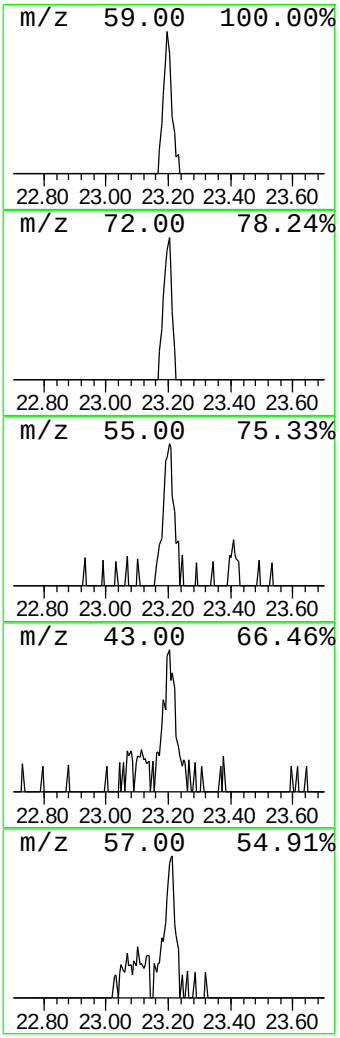
****

Peak Number 4 Nonadecanamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	2.52 ng/ul	22499	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecanamide	297	C19H39NO	058185-32-3	53
2	Tetradecanamide	227	C14H29NO	000638-58-4	50
3	Octadecanamide	283	C18H37NO	000124-26-5	50
4	Decanamide-	171	C10H21NO	002319-29-1	40
5	Octadecanamide	283	C18H37NO	000124-26-5	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021309.D
Acq On : 5 Mar 2016 17:16
Operator : UM/SJ
Sample : H1650-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-DS-A210

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	18.34	3.0	ng/ul	22706	4	17.47	152817	20.0
Bromoacetic acid,...	21.35	6.1	ng/ul	54873	5	21.73	178676	20.0
Nonadecanamide	23.20	2.5	ng/ul	22499	5	21.73	178676	20.0