LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021320.D
Acq On : 6 Mar 2016 1:07
Operator : UM/SJ
Sample : H1650-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-B70

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	3.191	55	60	65	rBV4	3384	5959	2.55%	0.211%
2	3.261	69	72	77	rBV	3915	4950	2.12%	0.175%
3	3.537	114	119	121	rBV3	1431	1867	0.80%	0.066%
4	3.737	152	153	156	rBV2	482	375	0.16%	0.013%
5	3.854	170	173	175	rVB2	654	502	0.21%	0.018%
6	3.913	179	183	184	rBV	567	550	0.24%	0.019%
7	4.089	210	213	214	rVB	496	375	0.16%	0.013%
8	4.113	214	217	221	rBV2	661	841	0.36%	0.030%
9	4.225	232	236	237	rBV	574	477	0.20%	0.017%
10	4.471	275	278	280	rBV2	444	319	0.14%	0.011%
11	4.554	290	292	295	rBV2	408	402	0.17%	0.014%
12	4.894	347	350	351	rVB2	477	411	0.18%	0.015%
13	5.024	369	372	374	rBB	359	356	0.15%	0.013%
14	5.082	380	382	384	rBV	420	318	0.14%	0.011%
15	5.124	387	389	393	rVB	402	420	0.18%	0.015%
16	5.212	400	404	409	rBB	1277	1870	0.80%	0.066%
17	7.268	749	754	764	rBB	34532	59057	25.25%	2.093%
18	7.444	778	784	792	rBB	27905	44279	18.93%	1.570%
19	7.656	814	820	827	rVB	33214	55487	23.72%	1.967%
20	8.126	892	900	906	rBV	37676	61301	26.21%	2.173%
21	8.173	906	908	911	rVB	345	334	0.14%	0.012%
22	8.819	1010	1018	1025	rBB2	41263	67520	28.87%	2.393%
23	9.289	1091	1098	1106	rBB	35108	62412	26.68%	2.212%
24	10.006	1214	1220	1227	rBB	28953	51032	21.82%	1.809%
25	10.547	1305	1312	1319	rBB	40706	68807	29.42%	2.439%
26	10.934	1371	1378	1385	rBV	55334	97292	41.60%	3.449%
27	11.064	1393	1400	1408	rBB	38777	65928	28.19%	2.337%
28	12.509	1643	1646	1647	rVB	382	329	0.14%	0.012%
29	13.614	1830	1834	1839	rBB2	1638	2269	0.97%	0.080%
30	14.131	1916	1922	1927	rBV	82394	116370	49.75%	4.125%
31	14.178	1927	1930	1935	rVB	22439	29488	12.61%	1.045%
32	14.430	1966	1973	1980	rBV	87823	138374	59.16%	4.905%
33	14.607	2000	2003	2006	rBV	2831	3327	1.42%	0.118%
34	14.730	2019	2024	2031	rBB2	84004	135572	57.96%	4.806%

LSC Area Percent Report

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Data File : BG021320.D
Acq On : 6 Mar 2016 1:07
Operator : UM/SJ
Sample : H1650-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-B70

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	14.912	2050	2055	2064	rBV	35576	58824	25.15%	2.085%
36	15.135	2089	2093	2098	rVB	2698	3521	1.51%	0.125%
37	15.218	2105	2107	2111	rBB	527	645	0.28%	0.023%
38	15.505	2154	2156	2161	rBB	558	613	0.26%	0.022%
39	15.552	2161	2164	2170	rBB	4482	5817	2.49%	0.206%
40	15.717	2186	2192	2199	rBB	113961	174387	74.56%	6.182%
41	15.829	2206	2211	2218	rVB2	39937	56199	24.03%	1.992%
42	15.958	2225	2233	2236	rBB2	1841	2978	1.27%	0.106%
43	16.052	2246	2249	2251	rBB2	679	428	0.18%	0.015%
44	16.111	2257	2259	2263	rBB2	692	631	0.27%	0.022%
45	16.169	2267	2269	2273	rBV2	363	570	0.24%	0.020%
46	16.410	2306	2310	2314	rBV2	5091	7905	3.38%	0.280%
47	16.757	2365	2369	2373	rBB	583	690	0.30%	0.024%
48	16.845	2382	2384	2387	rBB	378	432	0.18%	0.015%
49	16.910	2391	2395	2396	rBB	380	360	0.15%	0.013%
50	16.992	2408	2409	2412	rBB	573	448	0.19%	0.016%
51	17.203	2441	2445	2448	rBB	3416	3381	1.45%	0.120%
52	17.250	2451	2453	2456	rBB	1115	1042	0.45%	0.037%
53	17.468	2484	2490	2496	rBV2	118883	171202	73.20%	6.069%
54	17.568	2501	2507	2520	rVB2	123467	188528	80.60%	6.683%
55	17.721	2530	2533	2535	rBV2	391	538	0.23%	0.019%
56	17.815	2546	2549	2551	rBV	517	534	0.23%	0.019%
57	17.891	2559	2562	2564	rBB	380	429	0.18%	0.015%
58	17.909	2564	2565	2569	rBV	245	353	0.15%	0.013%
59	17.938	2569	2570	2574	rVV	682	698	0.30%	0.025%
60	17.967	2574	2575	2578	rVB	380	336	0.14%	0.012%
61	18.332	2632	2637	2647	rBV2	19807	27902	11.93%	0.989%
62	18.414	2647	2651	2655	rVV3	805	1245	0.53%	0.044%
63	18.449	2655	2657	2660	rVB	446	381	0.16%	0.014%
64	18.631	2682	2688	2691	rBV	463	837	0.36%	0.030%
65	18.755	2707	2709	2711	rBV2	654	470	0.20%	0.017%
66	18.860	2721	2727	2733	rBV	14235	17561	7.51%	0.623%
67	19.048	2758	2759	2762	rBV	537	398	0.17%	0.014%
68	19.213	2785	2787	2789	rVB	626	451	0.19%	0.016%
69	19.248	2790	2793	2796	rVV	754	744	0.32%	0.026%
70	19.325	2802	2806	2808	rVB	507	694	0.30%	0.025%
71	19.372	2812	2814	2818	rVB	404	386	0.17%	0.014%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021320.D
Acq On : 6 Mar 2016 1:07
Operator : UM/SJ
Sample : H1650-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-B70

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	19.419	2820	2822	2823	rBV	369	319	0.14%	0.011%
73	19.454	2825	2828	2829	rBV	1223	970	0.41%	0.034%
74	19.477	2829	2832	2835	rVV4	1763	3004	1.28%	0.106%
75	19.507	2835	2837	2840	rVB	3889	3849	1.65%	0.136%
76	19.595	2848	2852	2857	rBV2	8936	11924	5.10%	0.423%
77	19.718	2872	2873	2875	rBV2	977	831	0.36%	0.029%
78	19.842	2888	2894	2903	rBV	163685	233896	100.00%	8.291%
79	19.947	2910	2912	2916	rBV3	1271	2023	0.86%	0.072%
80	20.171	2945	2950	2956	rVB2	15684	19484	8.33%	0.691%
81	20.347	2978	2980	2982	rVB3	1809	1495	0.64%	0.053%
82	20.623	3025	3027	3029	rBV2	2277	1939	0.83%	0.069%
83	20.741	3044	3047	3051	rVB2	4164	4950	2.12%	0.175%
84	21.352	3147	3151	3162	rVB3	21122	35323	15.10%	1.252%
85	21.598	3189	3193	3199	rVB	46778	61502	26.29%	2.180%
86	21.728	3209	3215	3222	rVB	124761	203681	87.08%	7.220%
87	23.196	3460	3465	3474	rVB4	19915	39262	16.79%	1.392%
88	24.753	3721	3730	3740	rBV	76166	197367	84.38%	6.996%
89	24.983	3760	3769	3781	rVB2	67390	187486	80.16%	6.646%

Sum of corrected areas: 2821033

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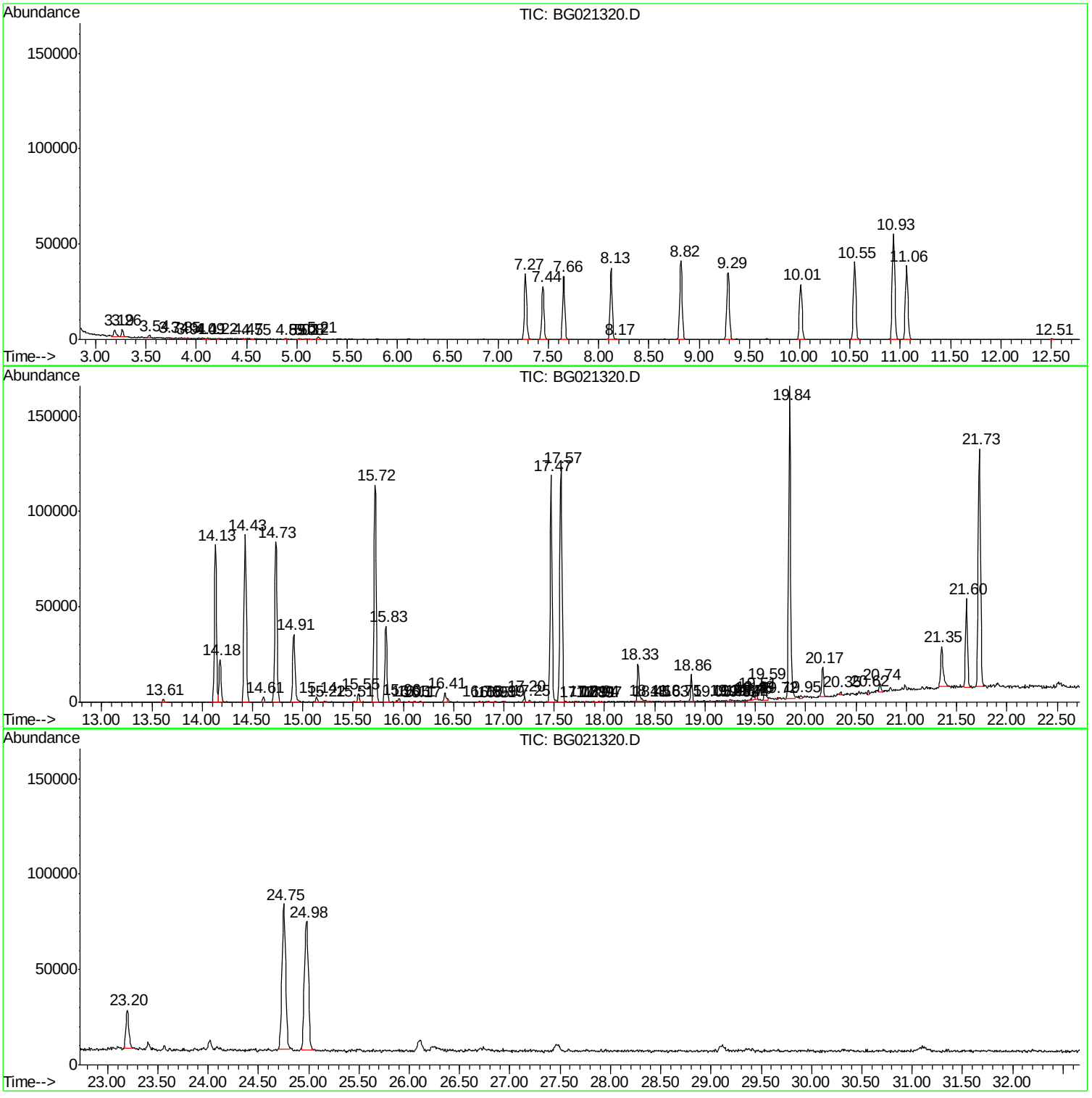
Operator : UM/SJ
Sample : H1650-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SS-B70

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 : BG021320.D
Acq On : 6 Mar 2016 1:07
Operator : UM/SJ
Sample : H1650-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-B70

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

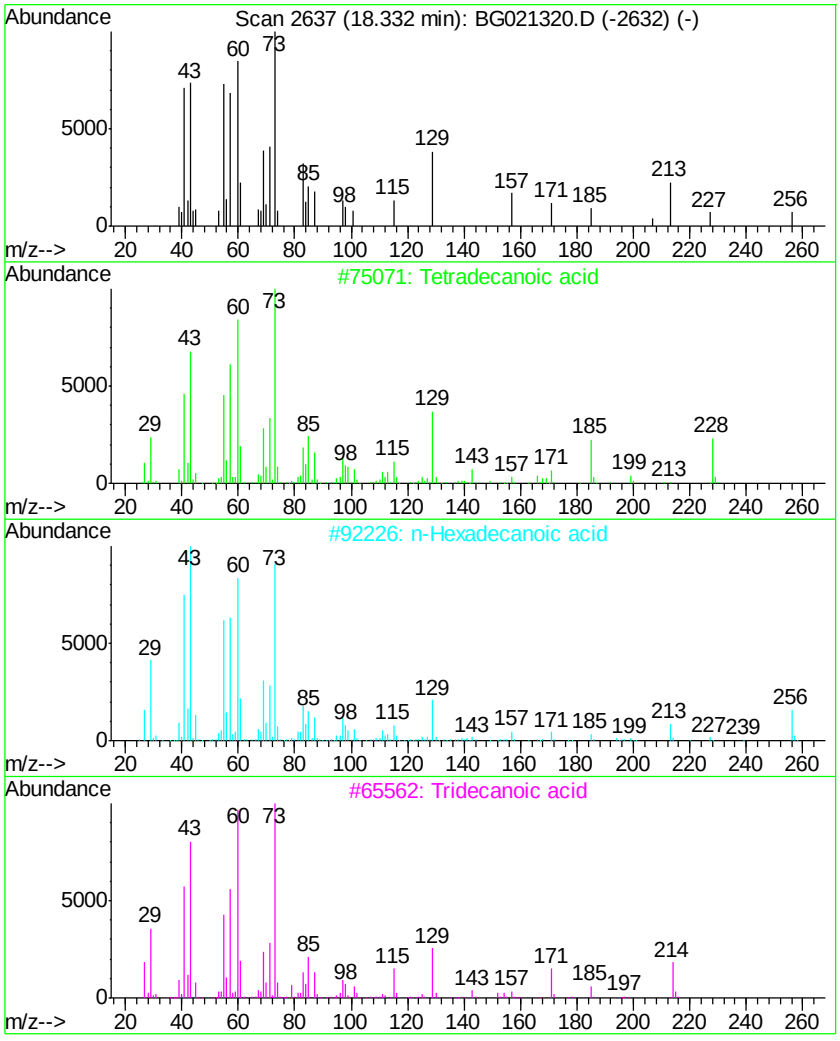
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

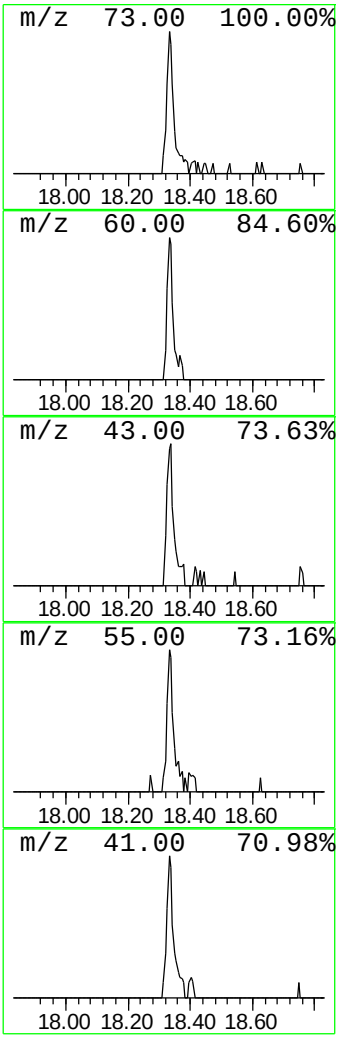
****

Peak Number 1 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	3.26 ng/ul	27902	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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Data File : BG021320.D
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Sample : H1650-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-B70

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

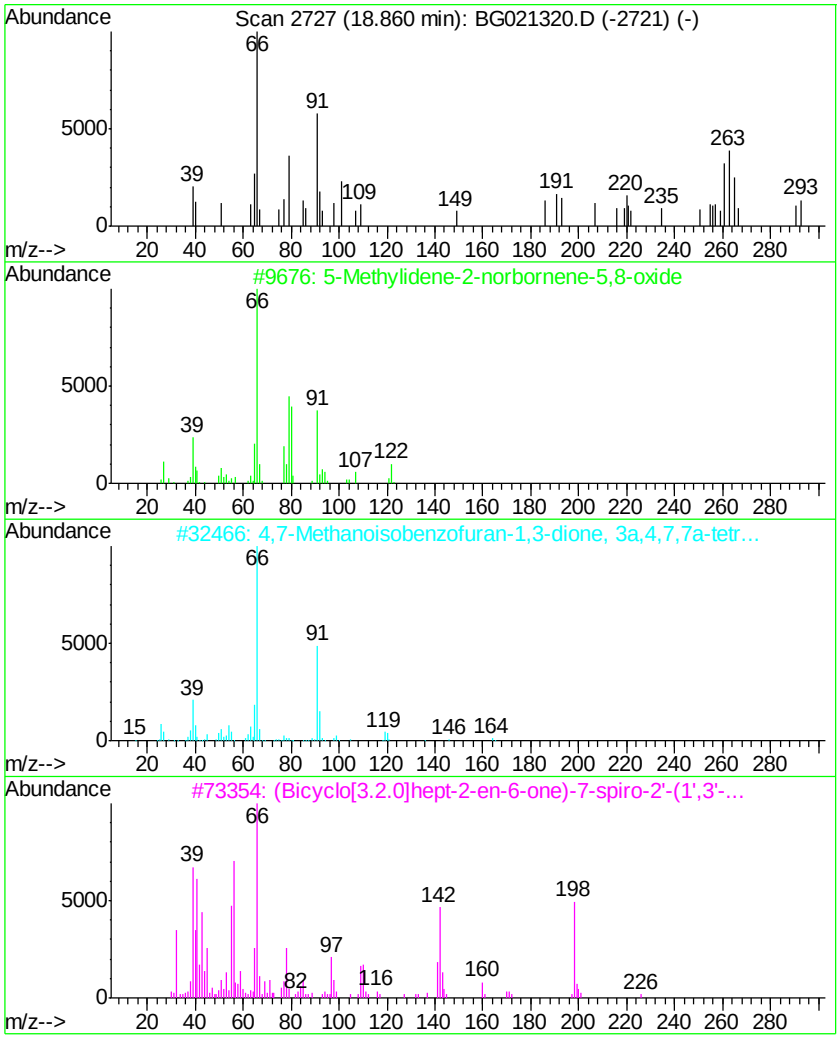
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

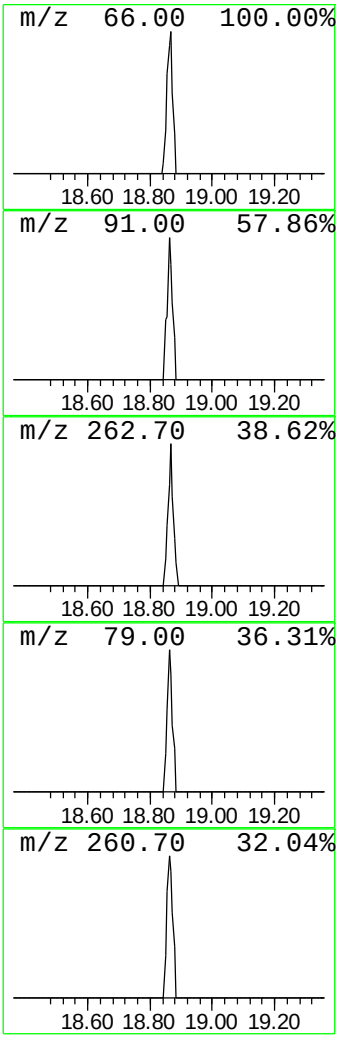
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.05 ng/ul	17561	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methylidene-2-norbornene-5,8-o...	122	C8H10O	1000099-65-5	40
2	4,7-Methanoisobenzofuran-1,3-dio...	164	C9H8O3	000826-62-0	40
3	(Bicyclo[3.2.0]hept-2-en-6-one)-...	226	C11H14OS2	1000098-80-3	40
4	Tricyclo[4.2.1.0(2,5)]nonane, 3-...	148	C11H16	038698-52-1	40
5	5-Methylene-2-norbornene	106	C8H10	000694-91-7	40





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Sample : H1650-05
Misc :
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Instrument : BNA_G
ClientSampleId : MS-SS-B70

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

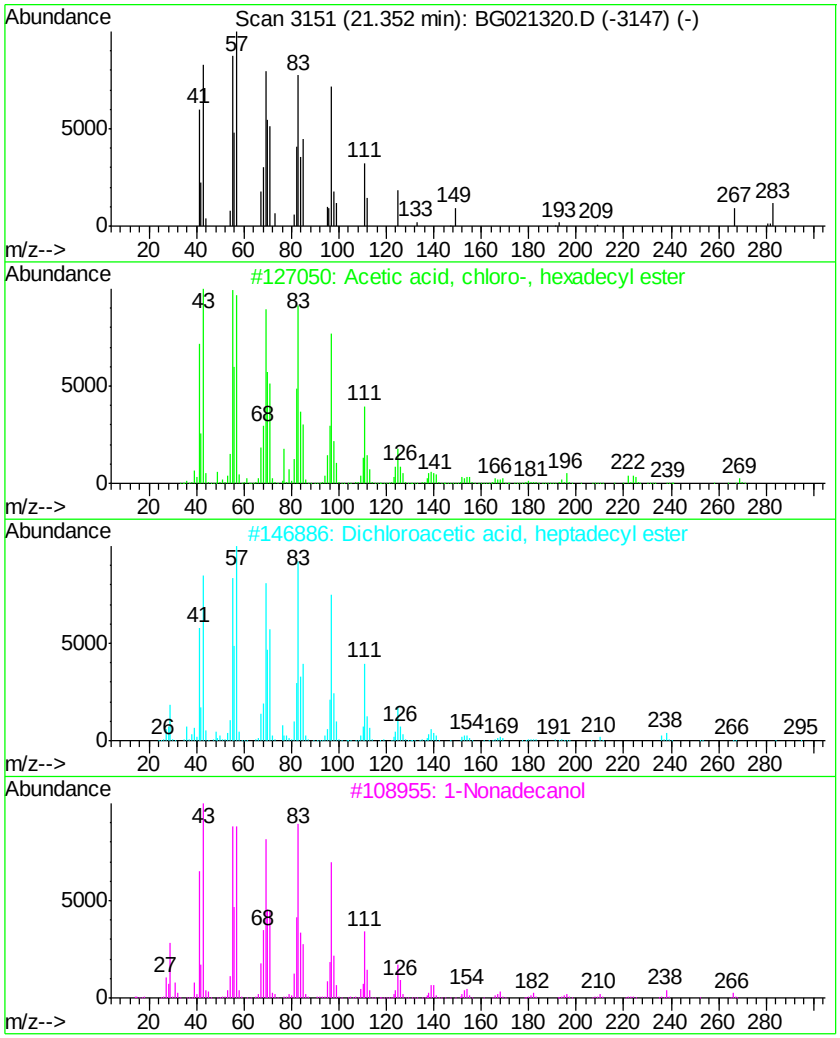
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

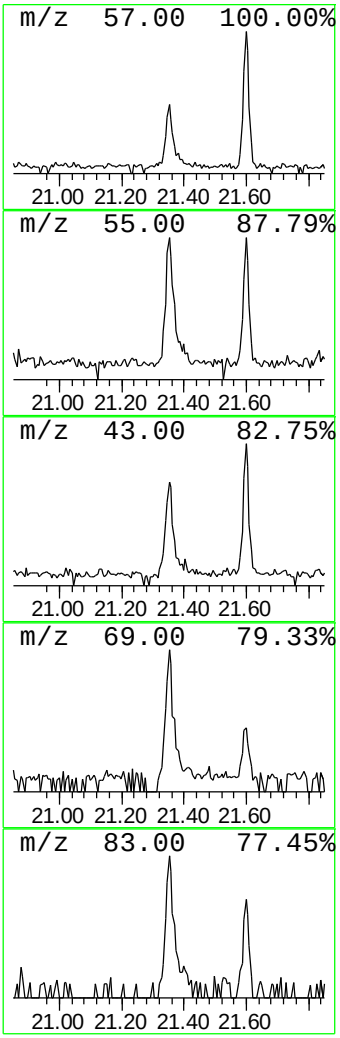
****

Peak Number 3 Acetic acid, chloro-, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.47 ng/ul	35323	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	1-Nonadecanol	284	C19H40O	001454-84-8	91
4	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021320.D
Acq On : 6 Mar 2016 1:07
Operator : UM/SJ
Sample : H1650-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-B70

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

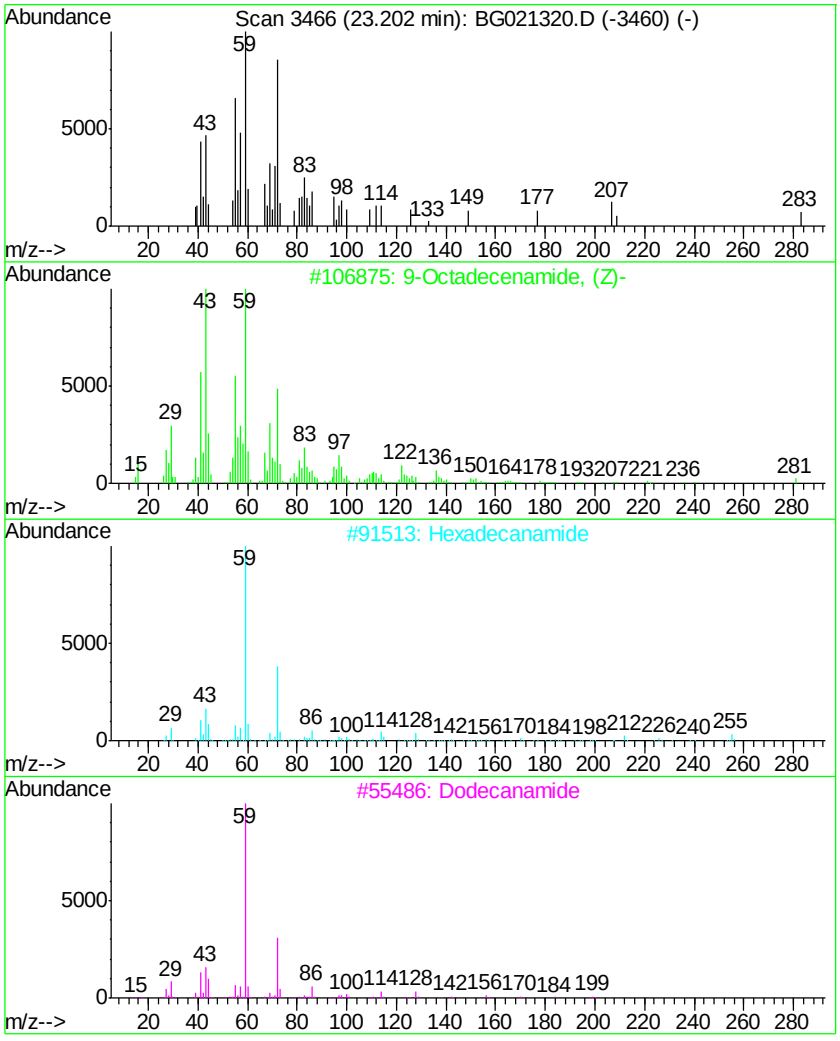
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

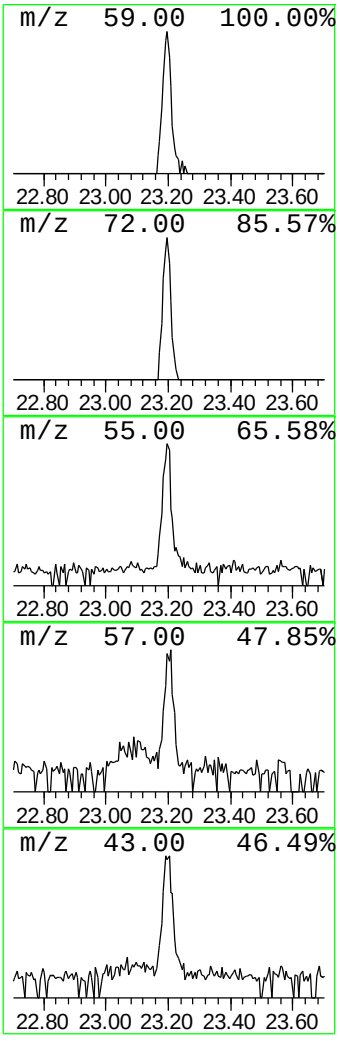
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	3.86 ng/ul	39262	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
2	Hexadecanamide	255	C16H33NO	000629-54-9	50
3	Dodecanamide	199	C12H25NO	001120-16-7	50
4	Hexadecanamide	255	C16H33NO	000629-54-9	45
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021320.D
Acq On : 6 Mar 2016 1:07
Operator : UM/SJ
Sample : H1650-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-B70

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
Tetradecanoic acid	18.33	3.3	ng/ul	27902	4	17.47	171202	20.0
unknown-01	18.86	2.0	ng/ul	17561	4	17.47	171202	20.0
Acetic acid, chlo...	21.35	3.5	ng/ul	35323	5	21.73	203681	20.0
9-Octadecenamide,...	23.20	3.9	ng/ul	39262	5	21.73	203681	20.0