LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021382.D
Acq On : 9 Mar 2016 1:07
Operator : UM/SJ
Sample : H1655-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-E280

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	3.166	54	56	58	rBV2	818	930	0.33%	0.025%
2	3.266	69	73	76	rVB2	2426	3457	1.24%	0.093%
3	3.531	115	118	123	rVB3	2193	3232	1.16%	0.087%
4	3.813	163	166	169	rBV	639	672	0.24%	0.018%
5	4.059	206	208	213	rVV	576	638	0.23%	0.017%
6	4.095	213	214	221	rVB3	478	566	0.20%	0.015%
7	4.318	246	252	254	rBV2	429	669	0.24%	0.018%
8	5.105	385	386	389	rVB	745	633	0.23%	0.017%
9	5.205	399	403	404	rBV2	886	1029	0.37%	0.028%
10	7.273	749	755	765	rBV	50508	84941	30.49%	2.282%
11	7.444	776	784	792	rBB	37744	61274	21.99%	1.646%
12	7.655	813	820	827	rBB	47912	81045	29.09%	2.178%
13	7.720	827	831	833	rBB	414	555	0.20%	0.015%
14	8.125	893	900	907	rBV	55016	90362	32.44%	2.428%
15	8.172	907	908	911	rVB	966	540	0.19%	0.015%
16	8.819	1012	1018	1026	rVB	57718	93280	33.48%	2.506%
17	9.289	1091	1098	1106	rBB	49178	86718	31.13%	2.330%
18	9.671	1161	1163	1167	rBB	679	634	0.23%	0.017%
19	10.011	1215	1221	1227	rBB	43824	75307	27.03%	2.023%
20	10.546	1306	1312	1319	rBB	58560	99318	35.65%	2.669%
21	10.934	1371	1378	1384	rBV	80888	141921	50.94%	3.813%
22	11.063	1394	1400	1409	rBV2	48845	86582	31.08%	2.326%
23	12.503	1642	1645	1648	rBB	741	789	0.28%	0.021%
24	13.542	1819	1822	1825	rBB2	916	1079	0.39%	0.029%
25	13.613	1829	1834	1838	rBB2	2876	4263	1.53%	0.115%
26	14.130	1917	1922	1927	rBV	103765	148840	53.43%	3.999%
27	14.177	1927	1930	1935	rVB	19847	26484	9.51%	0.712%
28	14.430	1967	1973	1980	rBB	118580	179827	64.55%	4.832%
29	14.606	1998	2003	2008	rBB	5682	6892	2.47%	0.185%
30	14.735	2019	2025	2032	rBB2	120803	187706	67.38%	5.043%
31	14.917	2050	2056	2068	rVB	42213	68268	24.51%	1.834%
32	15.052	2076	2079	2084	rVB	733	1191	0.43%	0.032%
33	15.141	2090	2094	2102	rVB3	6202	8854	3.18%	0.238%
34	15.229	2105	2109	2111	rBB	803	1017	0.37%	0.027%

LSC Area Percent Report

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Data File : BG021382.D
Acq On : 9 Mar 2016 1:07
Operator : UM/SJ
Sample : H1655-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-E280

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	15.293	2117	2120	2123	rBB	749	704	0.25%	0.019%
36	15.505	2154	2156	2159	rBB	675	832	0.30%	0.022%
37	15.552	2159	2164	2169	rBB	8668	10048	3.61%	0.270%
38	15.722	2186	2193	2202	rBB	151908	221650	79.56%	5.956%
39	15.828	2206	2211	2217	rVB	45160	64555	23.17%	1.735%
40	15.940	2227	2230	2231	rBV	1532	1645	0.59%	0.044%
41	15.963	2231	2234	2238	rVB2	2709	3446	1.24%	0.093%
42	15.998	2238	2240	2244	rBB2	651	736	0.26%	0.020%
43	16.051	2245	2249	2253	rBB2	1033	1166	0.42%	0.031%
44	16.104	2256	2258	2262	rBV2	987	1241	0.45%	0.033%
45	16.175	2268	2270	2272	rVB	1315	1109	0.40%	0.030%
46	16.410	2306	2310	2321	rBV	8147	13595	4.88%	0.365%
47	16.480	2321	2322	2324	rBV	717	488	0.18%	0.013%
48	16.533	2329	2331	2334	rVB	509	494	0.18%	0.013%
49	16.592	2339	2341	2344	rVB	730	839	0.30%	0.023%
50	16.750	2366	2368	2374	rVV3	1239	2112	0.76%	0.057%
51	16.821	2376	2380	2381	rBB	664	647	0.23%	0.017%
52	16.921	2394	2397	2400	rBV	621	755	0.27%	0.020%
53	16.997	2406	2410	2412	rBV	670	755	0.27%	0.020%
54	17.203	2442	2445	2450	rVB2	2888	3877	1.39%	0.104%
55	17.256	2451	2454	2456	rBV2	1342	1320	0.47%	0.035%
56	17.291	2458	2460	2463	rVB	444	550	0.20%	0.015%
57	17.473	2484	2491	2496	rBV	151722	225490	80.94%	6.059%
58	17.514	2496	2498	2501	rVV2	8757	9844	3.53%	0.264%
59	17.567	2501	2507	2518	rVB	150328	233208	83.71%	6.266%
60	17.661	2518	2523	2524	rBV	324	481	0.17%	0.013%
61	17.867	2556	2558	2563	rVB	338	488	0.18%	0.013%
62	17.931	2567	2569	2570	rBV	652	493	0.18%	0.013%
63	18.272	2623	2627	2631	rBV	313	541	0.19%	0.015%
64	18.337	2633	2638	2644	rBV3	13582	19786	7.10%	0.532%
65	18.390	2644	2647	2649	rVV3	942	1146	0.41%	0.031%
66	18.531	2669	2671	2672	rBV3	1253	869	0.31%	0.023%
67	18.754	2707	2709	2711	rBV	895	692	0.25%	0.019%
68	18.836	2719	2723	2725	rBV2	821	1144	0.41%	0.031%
69	18.877	2727	2730	2737	rVB4	1449	2493	0.89%	0.067%
70	19.177	2777	2781	2786	rVB2	1395	2281	0.82%	0.061%
71	19.218	2786	2788	2789	rBV	647	549	0.20%	0.015%

LSC Area Percent Report

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Acq On : 9 Mar 2016 1:07
Operator : UM/SJ
Sample : H1655-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-E280

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	19.248	2791	2793	2796	rVB	1292	1149	0.41%	0.031%
73	19.283	2796	2799	2806	rVB2	1233	1997	0.72%	0.054%
74	19.347	2806	2810	2814	rBV3	1708	2754	0.99%	0.074%
75	19.389	2814	2817	2820	rVB4	1414	1770	0.64%	0.048%
76	19.477	2828	2832	2833	rBV2	1875	2397	0.86%	0.064%
77	19.506	2833	2837	2844	rVB	14335	22945	8.24%	0.617%
78	19.559	2844	2846	2849	rBV2	927	1094	0.39%	0.029%
79	19.600	2849	2853	2856	rBV3	2936	4070	1.46%	0.109%
80	19.671	2863	2865	2867	rBV3	1145	638	0.23%	0.017%
81	19.729	2873	2875	2876	rBV	1202	912	0.33%	0.025%
82	19.841	2888	2894	2904	rBV	178686	278586	100.00%	7.485%
83	20.058	2929	2931	2932	rBV2	1148	872	0.31%	0.023%
84	20.170	2945	2950	2955	rBV3	6725	8582	3.08%	0.231%
85	20.346	2976	2980	2985	rBV6	2239	4324	1.55%	0.116%
86	20.399	2988	2989	2991	rBV2	1792	1439	0.52%	0.039%
87	20.511	3006	3008	3010	rBV3	2139	1110	0.40%	0.030%
88	20.652	3031	3032	3035	rBV2	2365	2164	0.78%	0.058%
89	21.357	3147	3152	3163	rBV5	21056	41201	14.79%	1.107%
90	21.598	3190	3193	3199	rVB3	5910	8503	3.05%	0.228%
91	21.733	3209	3216	3222	rBV	155481	260410	93.48%	6.997%
92	22.244	3299	3303	3310	rBV7	5889	9728	3.49%	0.261%
93	23.196	3459	3465	3477	rVB3	38812	78584	28.21%	2.111%
94	23.407	3497	3501	3507	rVB4	7498	11794	4.23%	0.317%
95	23.566	3522	3528	3535	rBV3	13790	29113	10.45%	0.782%
96	24.095	3612	3618	3633	rVB5	21261	68604	24.63%	1.843%
97	24.759	3723	3731	3741	rVB2	73210	191908	68.89%	5.156%
98	24.982	3760	3769	3782	rVB2	89104	249971	89.73%	6.716%
99	26.110	3954	3961	3973	rVB4	18593	52358	18.79%	1.407%
100	32.508	5048	5050	5051	rBV2	2381	1206	0.43%	0.032%

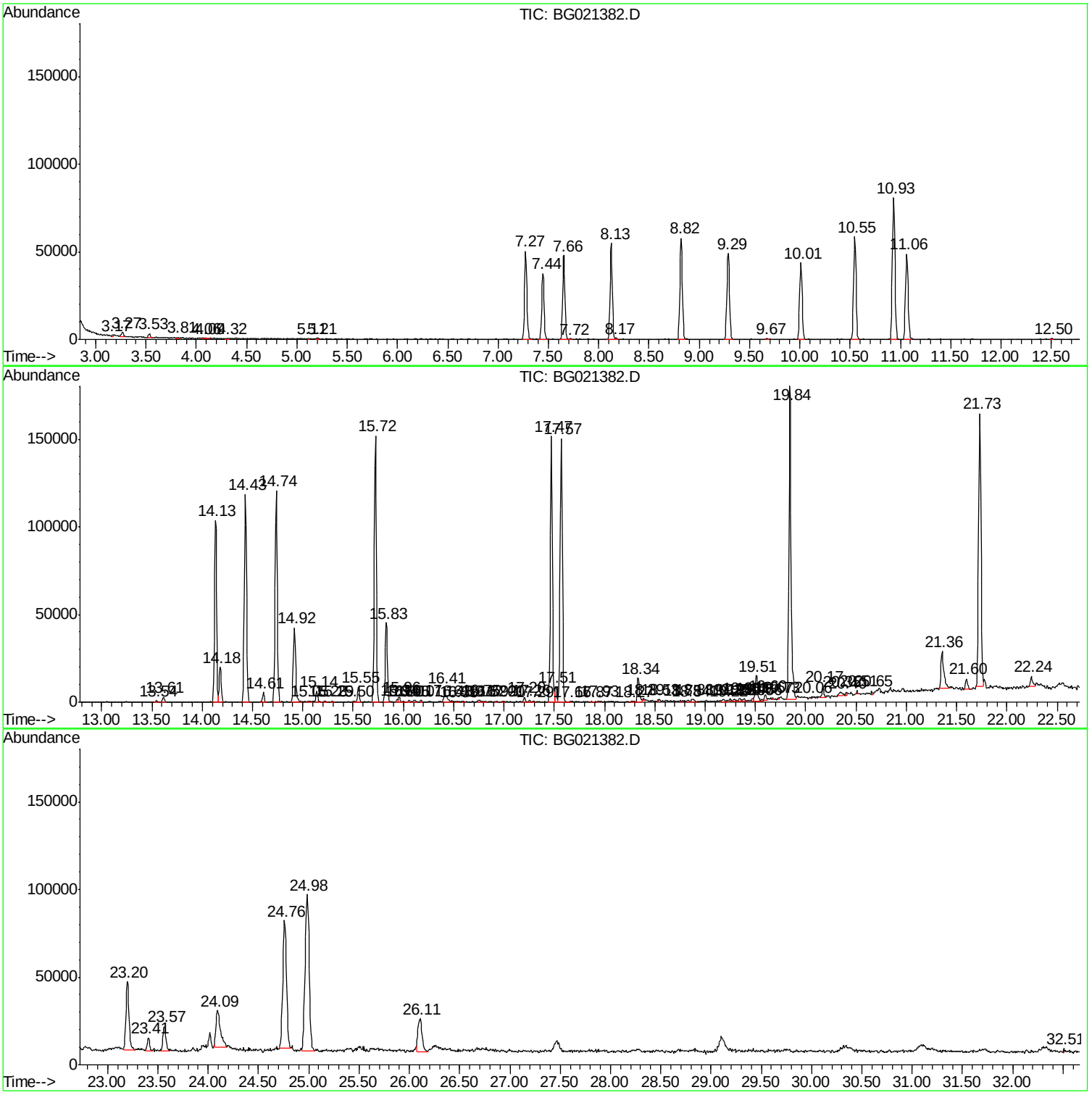
Sum of corrected areas: 3721765

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021382.D
Acq On : 9 Mar 2016 1:07
Operator : UM/SJ
Sample : H1655-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-E280

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\BG030816\
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Instrument : BNA_G
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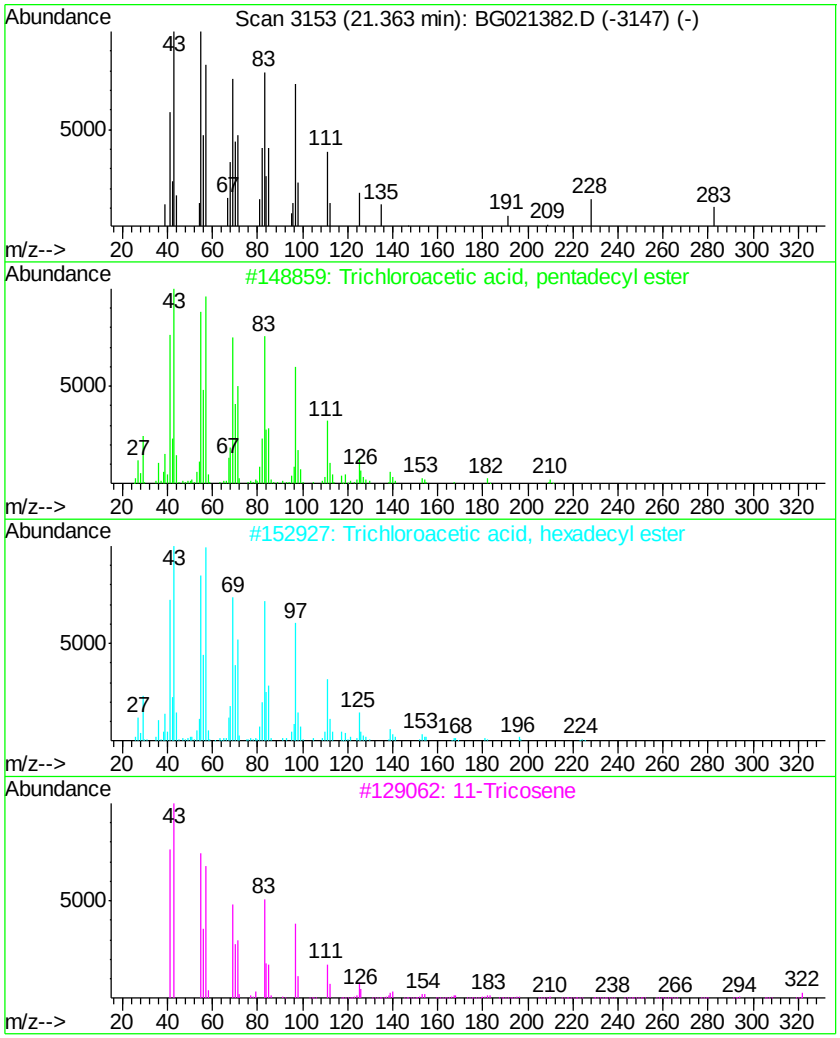
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

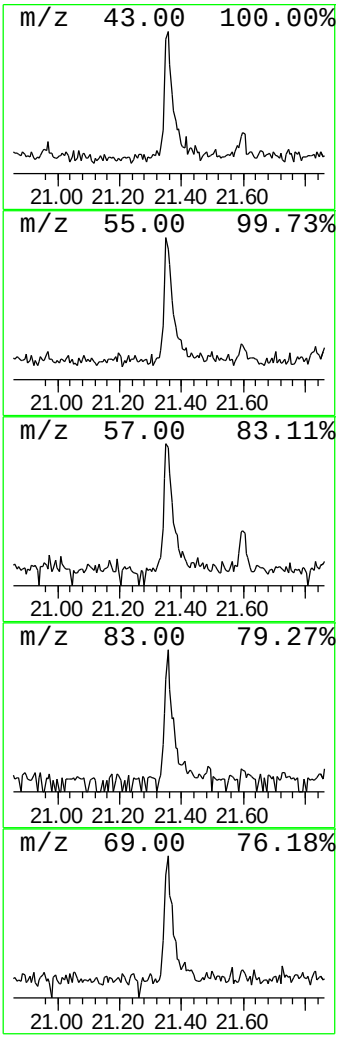
****

Peak Number 1 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.16 ng/ul	41201	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	11-Tricosene	322	C23H46	052078-56-5	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	1-Hexadecanol	242	C16H34O	036653-82-4	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021382.D
Acq On : 9 Mar 2016 1:07
Operator : UM/SJ
Sample : H1655-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-E280

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

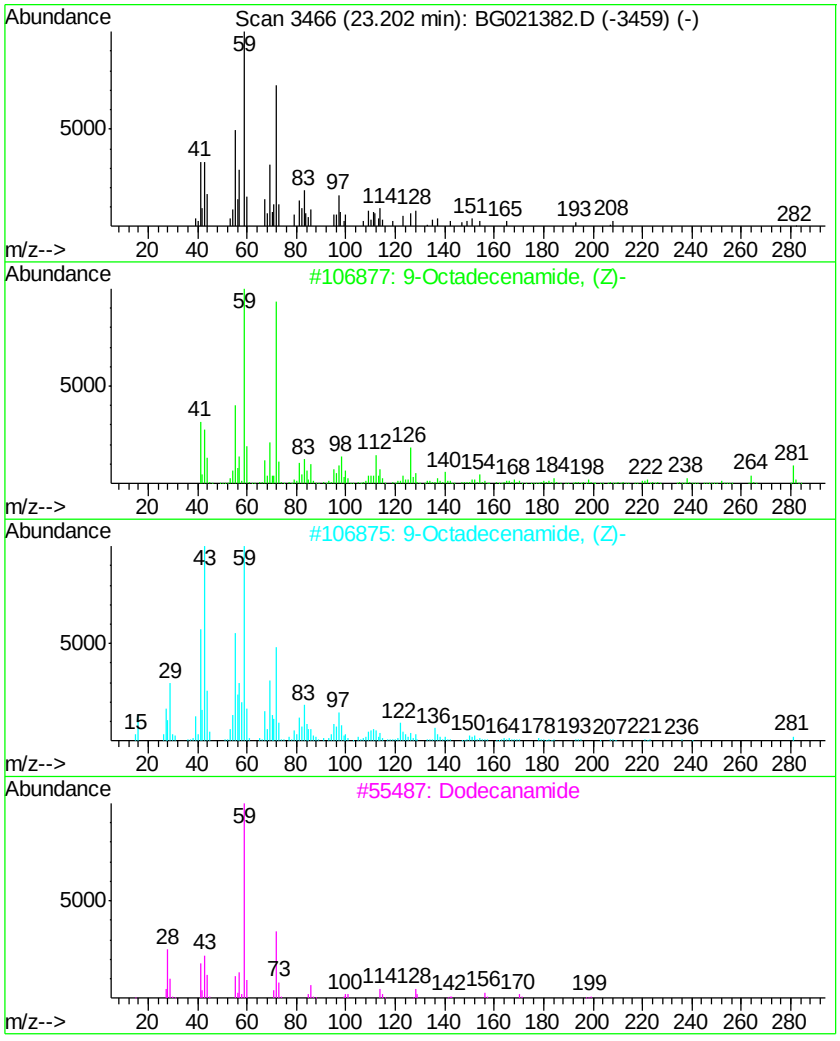
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

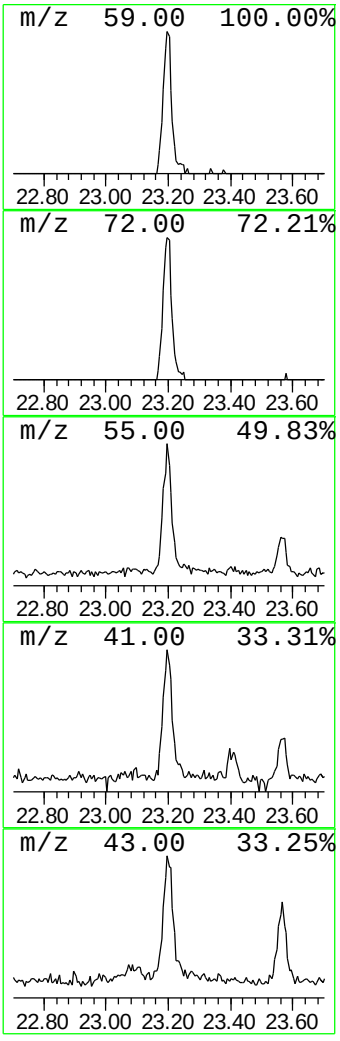
****

Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	6.04 ng/ul	78584	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
3	Dodecanamide	199	C12H25NO	001120-16-7	53
4	3-Dodecanol	186	C12H26O	010203-30-2	43
5	Mannosamine hydrochloride	179	C6H13NO5	1000127-68-8	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
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Acq On : 9 Mar 2016 1:07
Operator : UM/SJ
Sample : H1655-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-E280

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

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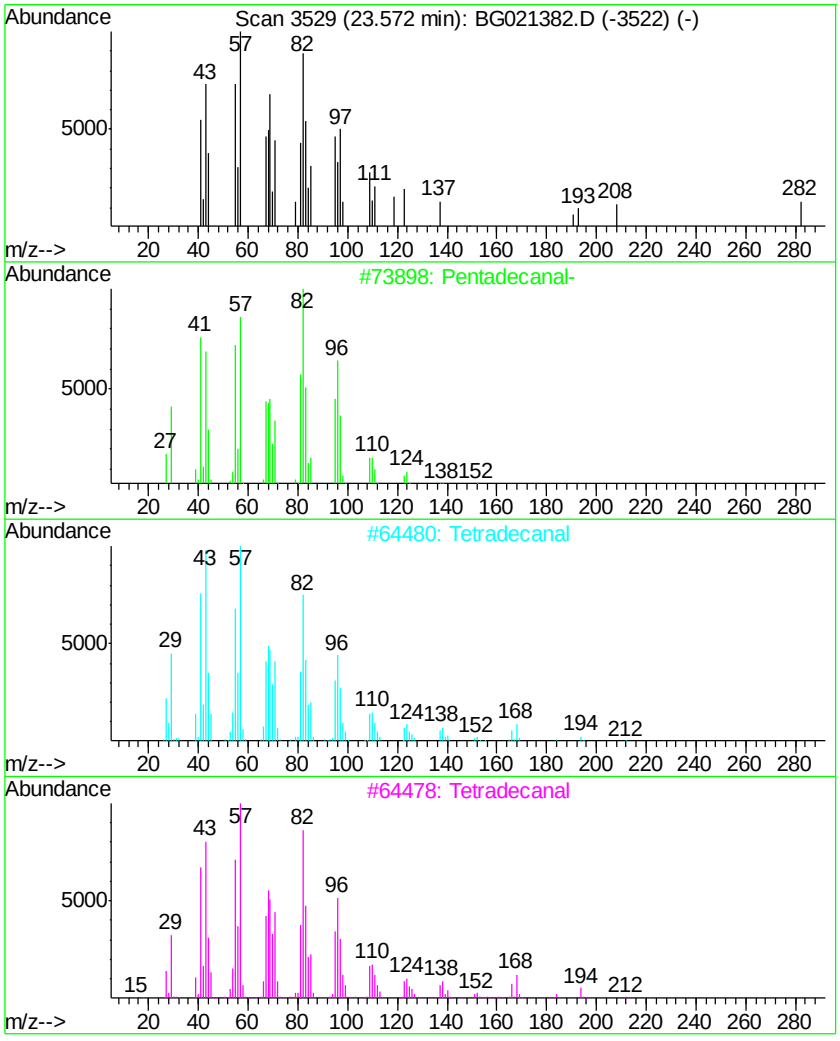
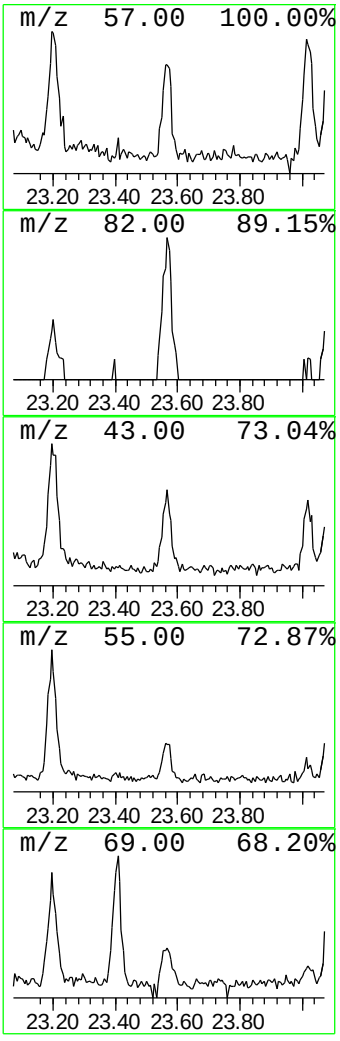
Peak Number 3 Pentadecanal- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	2.33 ng/ul	29113	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanal-	226	C15H30O	002765-11-9	74
2	Tetradecanal	212	C14H28O	000124-25-4	74
3	Tetradecanal	212	C14H28O	000124-25-4	72
4	Octadecanal	268	C18H36O	000638-66-4	64
5	E-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000130-80-4	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021382.D
Acq On : 9 Mar 2016 1:07
Operator : UM/SJ
Sample : H1655-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-E280

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

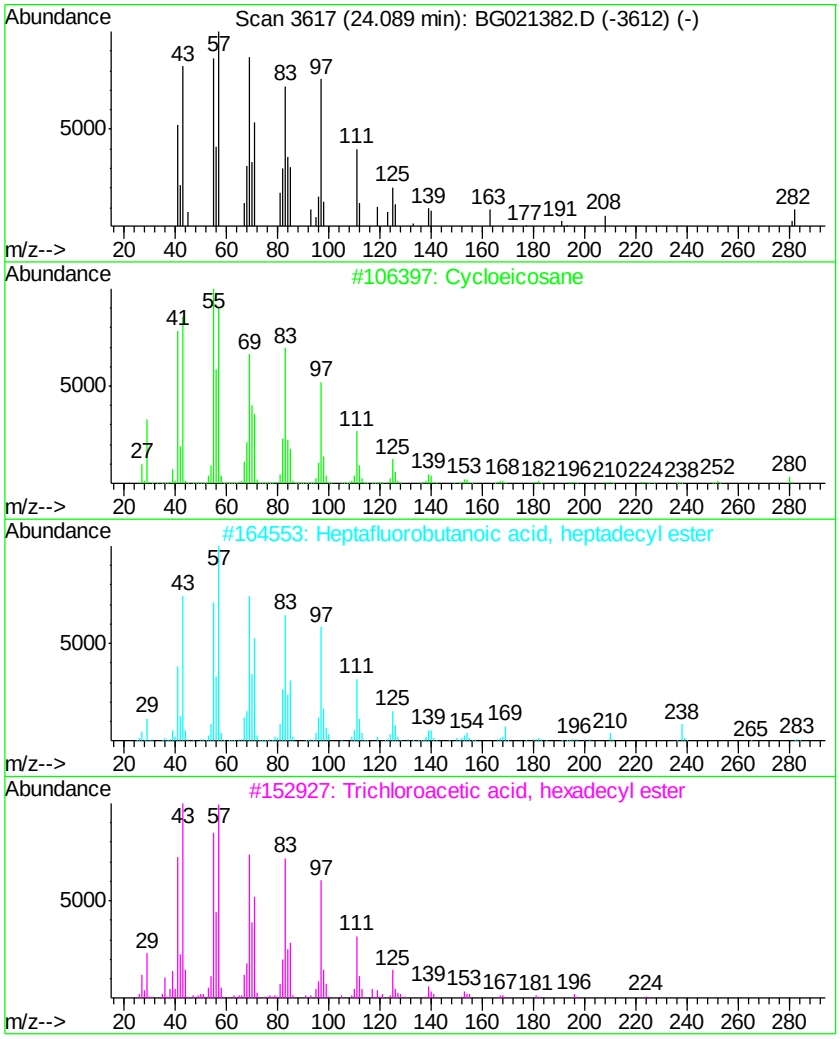
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

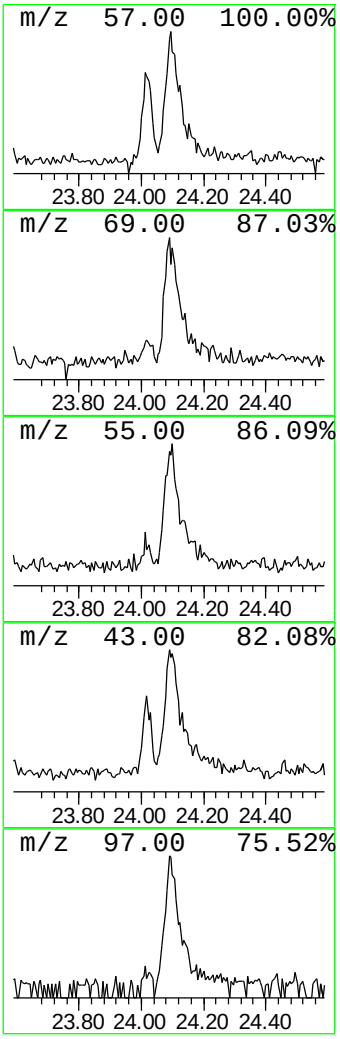
****

Peak Number 4 (DEL) Alkane: Cyclic24.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	5.49 ng/ul	68604	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	83
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	68
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	64
5	1-Octadecanol	270	C18H38O	000112-92-5	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
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Acq On : 9 Mar 2016 1:07
Operator : UM/SJ
Sample : H1655-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-E280

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

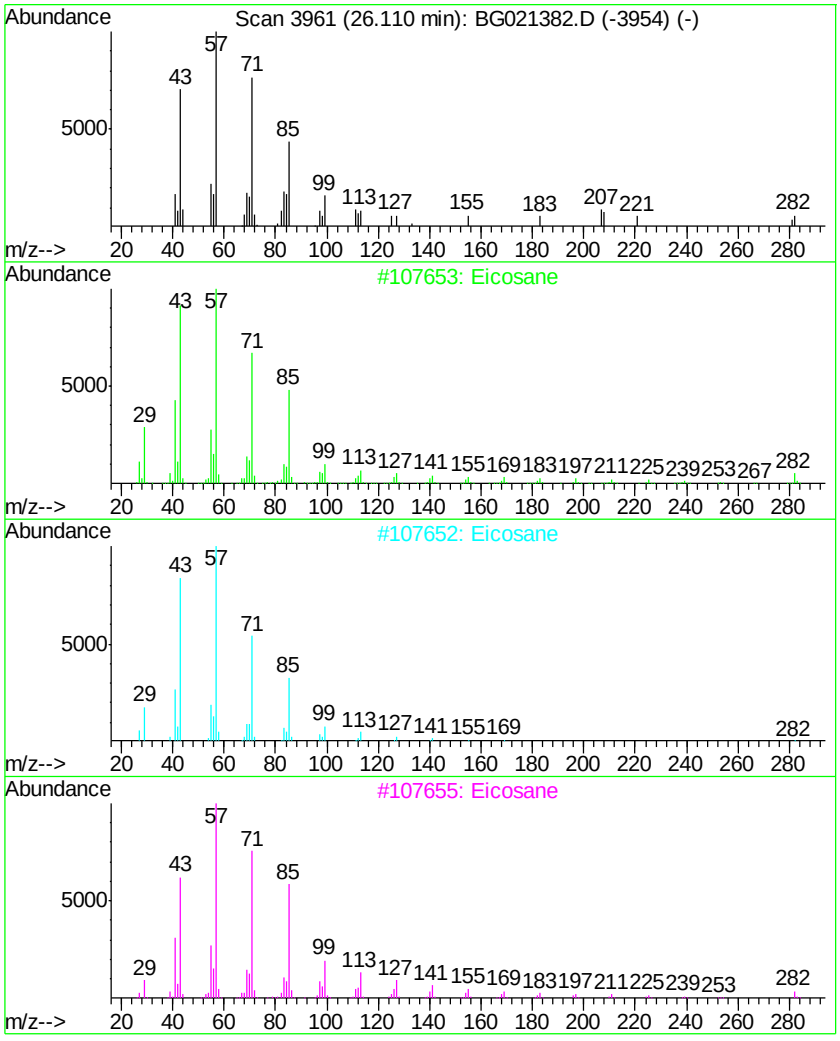
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

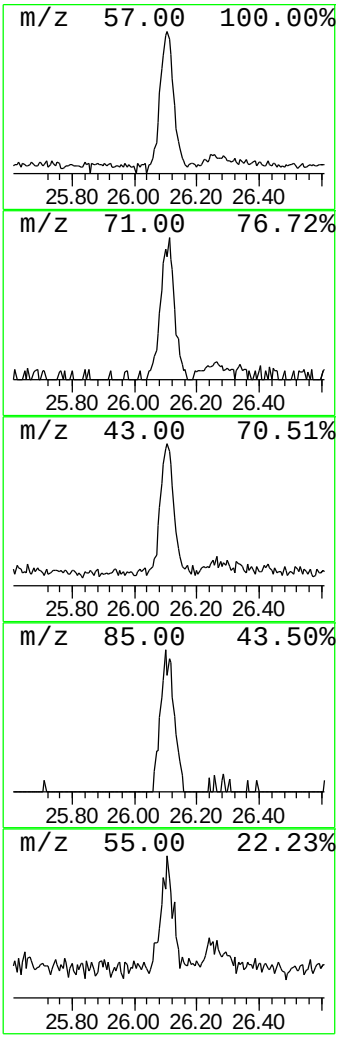
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.11	4.19 ng/ul	52358	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane	282	C20H42	000112-95-8	93
3	Eicosane	282	C20H42	000112-95-8	87
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
5	Eicosane	282	C20H42	000112-95-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021382.D
Acq On : 9 Mar 2016 1:07
Operator : UM/SJ
Sample : H1655-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-E280

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
Trichloroacetic a...	21.36	3.2	ng/ul	41201	5	21.73	260410	20.0
9-Octadecenamide,...	23.20	6.0	ng/ul	78584	5	21.73	260410	20.0
Pentadecanal-	23.57	2.3	ng/ul	29113	6	24.99	249971	20.0
(DEL) Alkane: Cyc...	24.09	5.5	ng/ul	68604	6	24.99	249971	20.0
(DEL) Alkane: Str...	26.11	4.2	ng/ul	52358	6	24.99	249971	20.0