LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024211.D
Acq On : 6 Oct 2016 22:50
Operator : UM/SJ
Sample : H5082-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ2

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-BG0100716.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	2.998	24	27	59	rVB	1310365	3772398	68.30%	5.379%
2	3.298	72	78	93	rBV	756885	1515624	27.44%	2.161%
3	3.656	135	139	144	rVB4	33954	49960	0.90%	0.071%
4	3.886	175	178	179	rBV3	17789	14258	0.26%	0.020%
5	3.927	181	185	192	rVV	99474	174751	3.16%	0.249%
6	4.309	248	250	252	rBV3	14222	12463	0.23%	0.018%
7	4.367	256	260	262	rVV5	9608	12862	0.23%	0.018%
8	4.420	268	269	275	rVV4	22121	24651	0.45%	0.035%
9	5.302	414	419	422	rVB6	9741	15096	0.27%	0.022%
10	5.366	427	430	431	rBV3	27091	26506	0.48%	0.038%
11	5.525	456	457	462	rVB5	12106	17499	0.32%	0.025%
12	5.572	462	465	466	rBV3	11580	13330	0.24%	0.019%
13	6.224	575	576	579	rBV3	15564	12366	0.22%	0.018%
14	6.488	618	621	623	rVB4	15863	17904	0.32%	0.026%
15	6.535	626	629	633	rBV5	16239	23069	0.42%	0.033%
16	7.229	743	747	752	rBV6	23421	43308	0.78%	0.062%
17	7.428	773	781	791	rVB	798791	1461285	26.46%	2.084%
18	7.616	804	813	822	rBV	541236	1008242	18.26%	1.438%
19	7.822	840	848	859	rVB2	740462	1387514	25.12%	1.978%
20	7.934	863	867	868	rVB4	12228	14103	0.26%	0.020%
21	8.022	878	882	885	rBV6	7930	13043	0.24%	0.019%
22	8.304	922	930	939	rBV	650995	1202451	21.77%	1.714%
23	8.527	965	968	971	rVB5	12106	15751	0.29%	0.022%
24	8.985	1038	1046	1056	rBV2	905778	1577936	28.57%	2.250%
25	9.473	1122	1129	1136	rBV	769506	1445124	26.17%	2.060%
26	9.538	1136	1140	1145	rVB7	35724	63223	1.14%	0.090%
27	9.749	1171	1176	1181	rBV9	8513	13597	0.25%	0.019%
28	9.837	1186	1191	1193	rBV3	13243	18217	0.33%	0.026%
29	10.196	1242	1252	1261	rBV2	637360	1243291	22.51%	1.773%
30	10.396	1280	1286	1288	rVV7	10197	17699	0.32%	0.025%
31	10.730	1335	1343	1355	rVV	976597	1841360	33.34%	2.625%
32	10.877	1365	1368	1372	rBV4	24441	33324	0.60%	0.048%
33	11.130	1403	1411	1420	rVV	964859	1811820	32.81%	2.583%
34	11.259	1423	1433	1443	rVV	952915	1856174	33.61%	2.647%

LSC Area Percent Report

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Data File : BG024211.D
Acq On : 6 Oct 2016 22:50
Operator : UM/SJ
Sample : H5082-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ2

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-BG0100716.M
Title : SVOA CALIBRATION

35	11.859	1531	1535	1538	rBV6	11245	12156	0.22%	0.017%
36	12.693	1670	1677	1681	rBV5	26563	49323	0.89%	0.070%
37	12.775	1686	1691	1692	rBV4	8897	13965	0.25%	0.020%
38	13.275	1771	1776	1784	rBV9	16596	27284	0.49%	0.039%
39	13.510	1813	1816	1818	rBV4	20314	30446	0.55%	0.043%
40	13.780	1858	1862	1868	rVV8	25344	44157	0.80%	0.063%
41	14.250	1939	1942	1944	rVV4	9334	13504	0.24%	0.019%
42	14.309	1945	1952	1956	rVV	2013907	3110790	56.32%	4.435%
43	14.356	1956	1960	1967	rVV	1205424	1806982	32.72%	2.576%
44	14.614	1997	2004	2011	rBV	2011671	3273402	59.27%	4.667%
45	14.738	2022	2025	2028	rBV5	12077	17037	0.31%	0.024%
46	14.773	2028	2031	2035	rVB5	20703	29837	0.54%	0.043%
47	14.914	2049	2055	2064	rVB	1698556	2673417	48.41%	3.812%
48	15.072	2075	2082	2089	rBV	1088729	1737224	31.45%	2.477%
49	15.278	2112	2117	2121	rBV8	23690	38199	0.69%	0.054%
50	15.313	2121	2123	2131	rBV9	9180	16992	0.31%	0.024%
51	15.678	2181	2185	2189	rBV2	37139	58548	1.06%	0.083%
52	15.719	2189	2192	2197	rVB3	61279	86528	1.57%	0.123%
53	15.901	2216	2223	2230	rVB	2854336	4470930	80.95%	6.375%
54	16.001	2233	2240	2247	rBV	1030814	1561107	28.27%	2.226%
55	16.136	2254	2263	2270	rBV7	45500	102709	1.86%	0.146%
56	16.224	2275	2278	2280	rBV4	14398	15468	0.28%	0.022%
57	16.271	2282	2286	2291	rBV8	14841	30039	0.54%	0.043%
58	16.342	2295	2298	2303	rVB6	15352	20692	0.37%	0.030%
59	16.406	2306	2309	2314	rBV7	12631	22117	0.40%	0.032%
60	16.577	2333	2338	2349	rBV3	89804	173088	3.13%	0.247%
61	16.765	2363	2370	2376	rVB3	27856	53269	0.96%	0.076%
62	16.841	2381	2383	2387	rVV4	16438	21595	0.39%	0.031%
63	16.929	2391	2398	2399	rVV7	18485	29092	0.53%	0.041%
64	17.011	2409	2412	2413	rBV3	13546	13881	0.25%	0.020%
65	17.088	2420	2425	2427	rBV6	10365	16445	0.30%	0.023%
66	17.240	2447	2451	2452	rVB4	10772	13584	0.25%	0.019%
67	17.370	2468	2473	2479	rBV2	83698	126428	2.29%	0.180%
68	17.428	2479	2483	2490	rVB8	31719	57095	1.03%	0.081%
69	17.522	2495	2499	2501	rBV5	15988	20228	0.37%	0.029%
70	17.652	2511	2521	2529	rBV	2082837	3393091	61.44%	4.838%
71	17.752	2532	2538	2545	rBV	3126961	4943613	89.51%	7.049%

LSC Area Percent Report

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Acq On : 6 Oct 2016 22:50
Operator : UM/SJ
Sample : H5082-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ2

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-BG0100716.M
Title : SVOA CALIBRATION

72	17.899	2559	2563	2566	rBV6	13567	21279	0.39%	0.030%
73	17.934	2568	2569	2574	rBV3	11378	12869	0.23%	0.018%
74	17.998	2576	2580	2583	rVB5	38777	57146	1.03%	0.081%
75	18.110	2595	2599	2603	rBV2	72970	96735	1.75%	0.138%
76	18.286	2624	2629	2633	rBV8	20748	32812	0.59%	0.047%
77	18.380	2640	2645	2648	rBV7	42543	72483	1.31%	0.103%
78	18.427	2651	2653	2657	rVB5	16663	15054	0.27%	0.021%
79	18.468	2657	2660	2662	rBV3	16403	21609	0.39%	0.031%
80	18.504	2662	2666	2671	rBV	553378	744085	13.47%	1.061%
81	18.709	2697	2701	2702	rBV4	19437	25480	0.46%	0.036%
82	18.797	2712	2716	2720	rBV4	40017	52801	0.96%	0.075%
83	18.927	2735	2738	2741	rBV5	20110	29525	0.53%	0.042%
84	19.197	2782	2784	2788	rBV5	26864	28336	0.51%	0.040%
85	19.244	2788	2792	2796	rVB7	39594	49817	0.90%	0.071%
86	19.285	2797	2799	2803	rVB5	16807	21390	0.39%	0.030%
87	19.350	2808	2810	2817	rVB8	24357	38382	0.69%	0.055%
88	19.414	2819	2821	2823	rBV2	24293	18277	0.33%	0.026%
89	19.626	2854	2857	2858	rBV3	28102	27659	0.50%	0.039%
90	19.649	2858	2861	2870	rVB3	79809	139304	2.52%	0.199%
91	19.761	2876	2880	2885	rBV2	322588	425588	7.71%	0.607%
92	20.020	2918	2924	2932	rBV	3592796	5522930	100.00%	7.875%
93	20.307	2969	2973	2976	rBV2	188110	219611	3.98%	0.313%
94	20.343	2976	2979	2983	rVB	345621	396895	7.19%	0.566%
95	21.318	3142	3145	3148	rBV4	69113	88841	1.61%	0.127%
96	21.359	3148	3152	3159	rVV6	140509	211594	3.83%	0.302%
97	21.541	3179	3183	3191	rVB3	414122	597152	10.81%	0.851%
98	21.953	3247	3253	3260	rVB	2090794	3619977	65.54%	5.161%
99	25.166	3791	3800	3814	rVB2	1622484	5085105	92.07%	7.250%
100	25.413	3831	3842	3855	rVB2	1131747	3567976	64.60%	5.087%

Sum of corrected areas: 70135173

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Acq On : 6 Oct 2016 22:50
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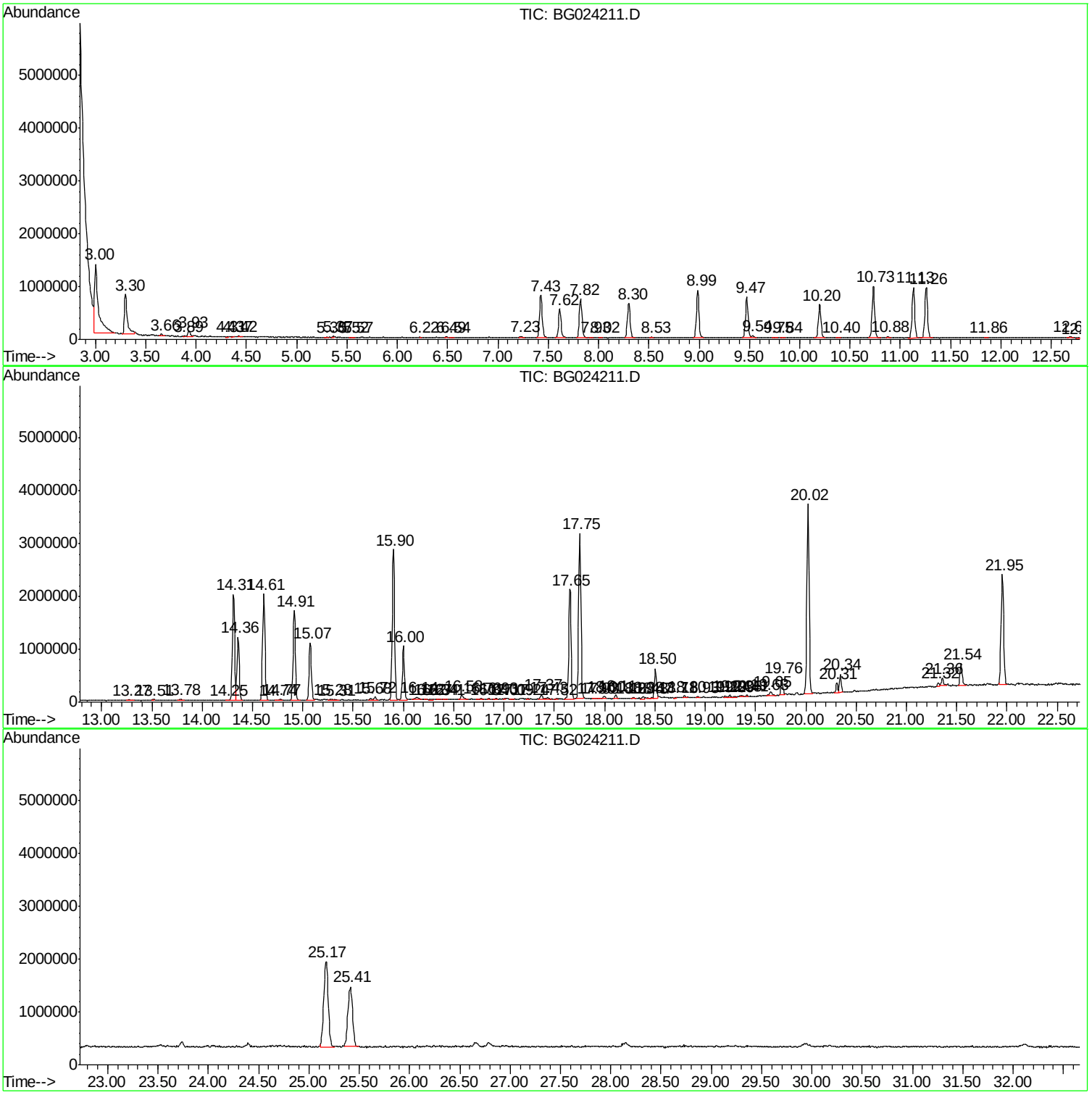
Sample : H5082-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

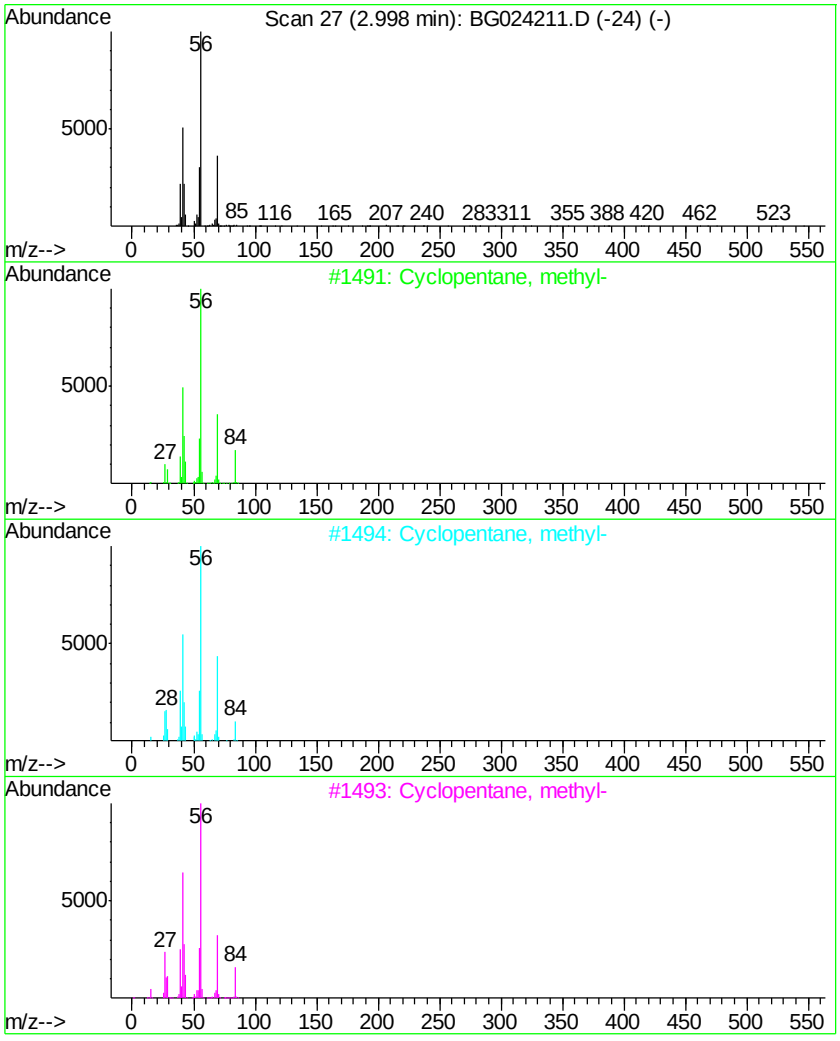
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

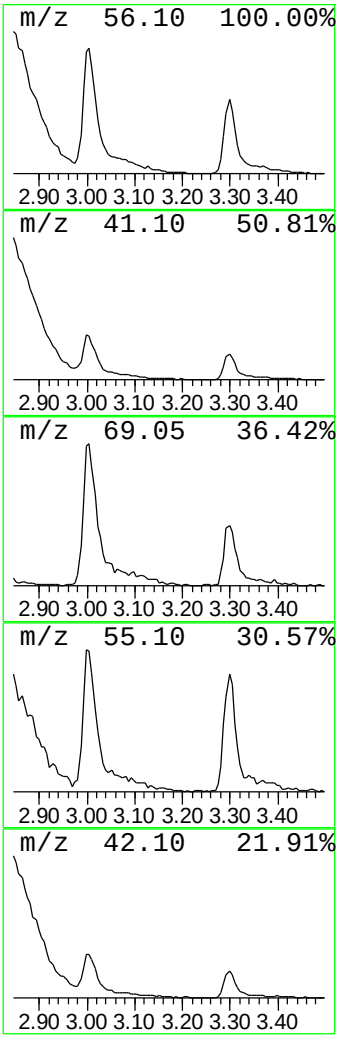
****

Peak Number 1 (DEL) Alkane: Cyclic3.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	62.75 ng/ul	3772400	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	74
4	Cyclobutane	56	C4H8	000287-23-0	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024211.D
Acq On : 6 Oct 2016 22:50
Operator : UM/SJ
Sample : H5082-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

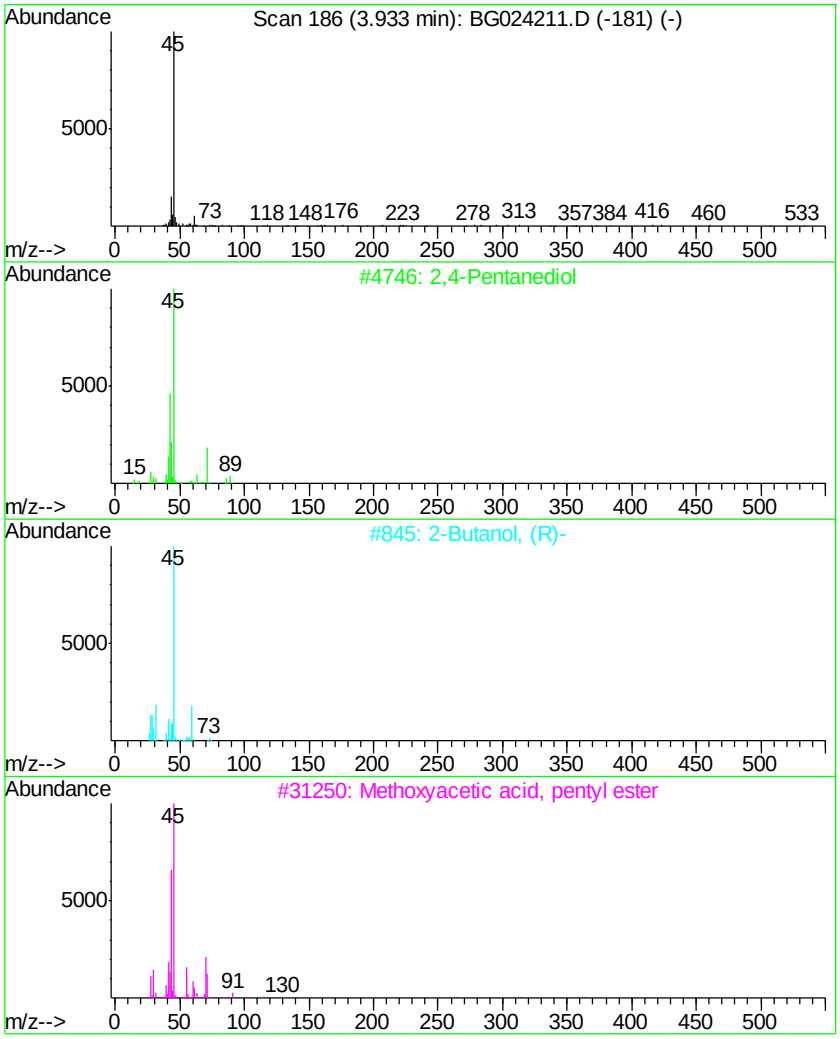
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

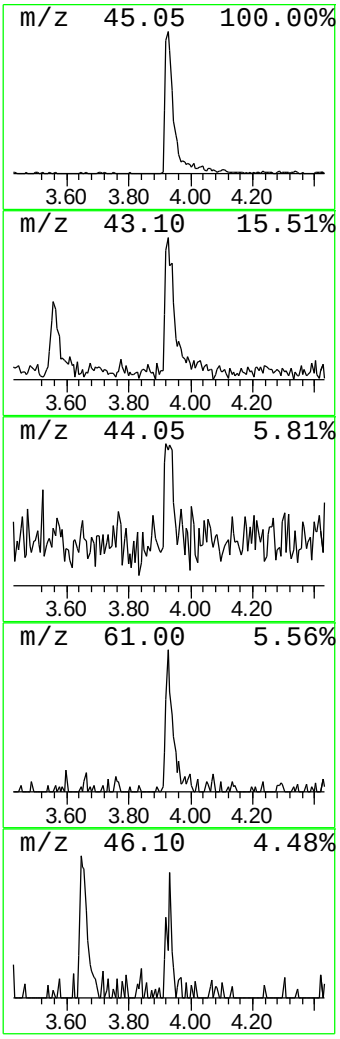
****

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	2.91 ng/ul	174751	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Pentanediol	104	C5H12O2	000625-69-4	38
2	2-Butanol, (R)-	74	C4H10O	014898-79-4	9
3	Methoxyacetic acid, pentyl ester	160	C8H16O3	168920-35-2	9
4	CH3OCH2C(O)OCH(CH3)2	132	C6H12O3	017640-21-0	5
5	Formamide	45	CH3NO	000075-12-7	5





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024211.D
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Operator : UM/SJ
Sample : H5082-07
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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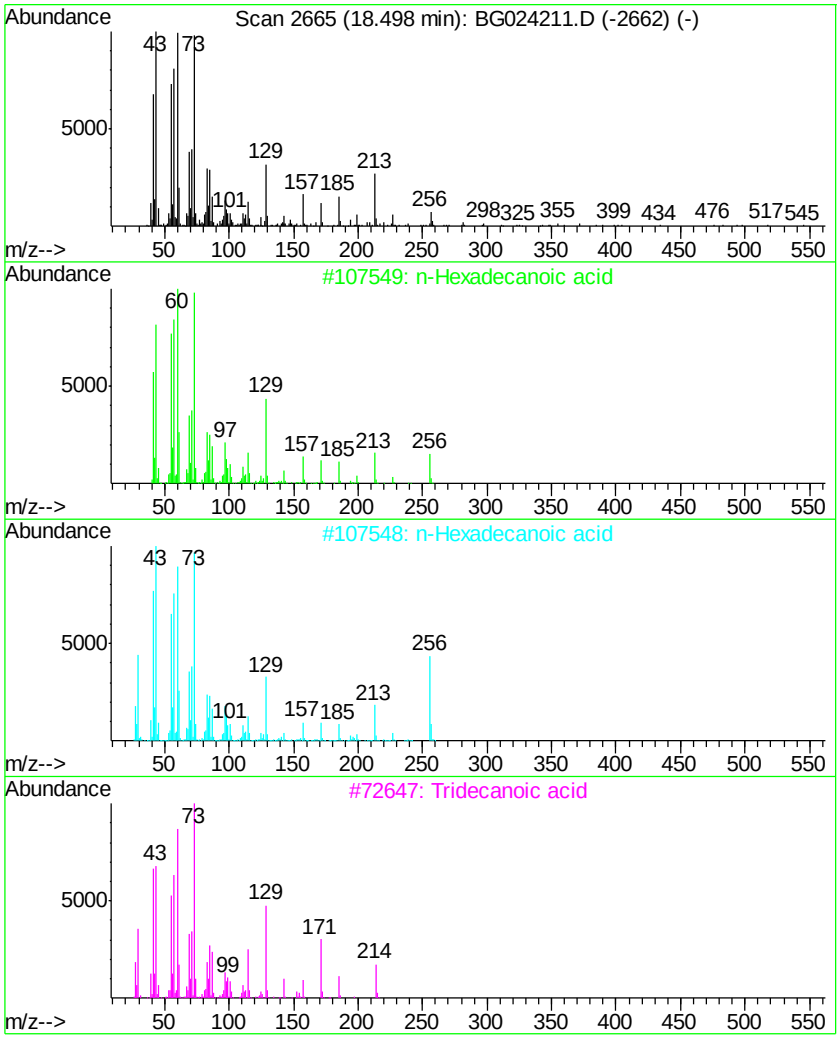
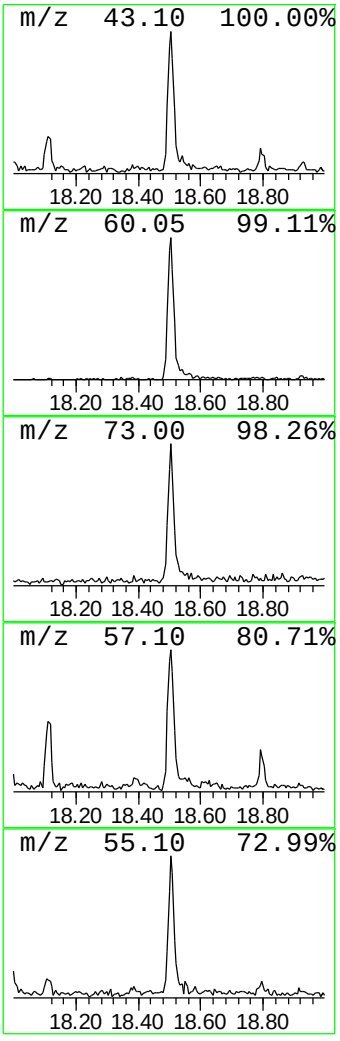
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	4.39 ng/ul	744085	Phenanthrene-d10	17.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
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Acq On : 6 Oct 2016 22:50
Operator : UM/SJ
Sample : H5082-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

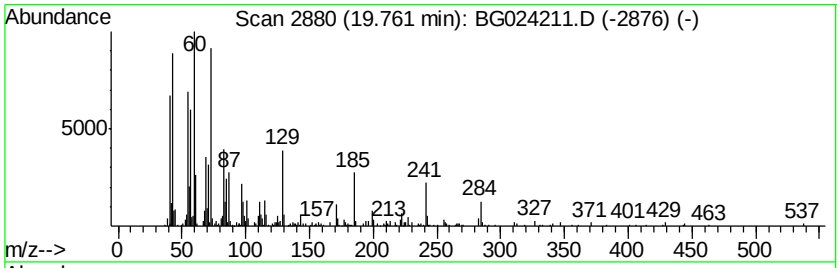
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

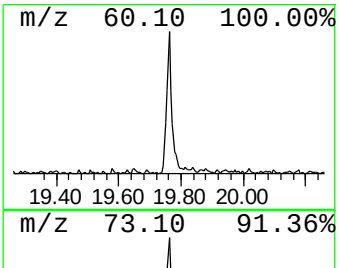
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.51 ng/ul	425588	Phenanthrene-d10	17.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024211.D
Acq On : 6 Oct 2016 22:50
Operator : UM/SJ
Sample : H5082-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

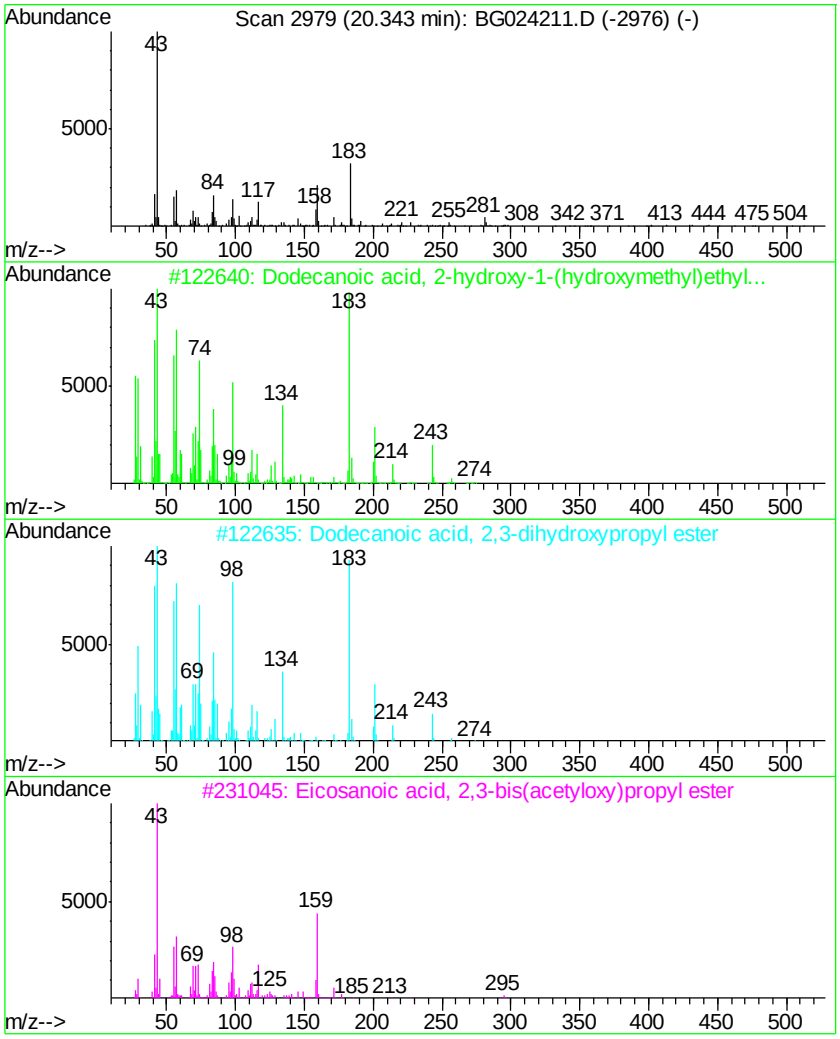
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

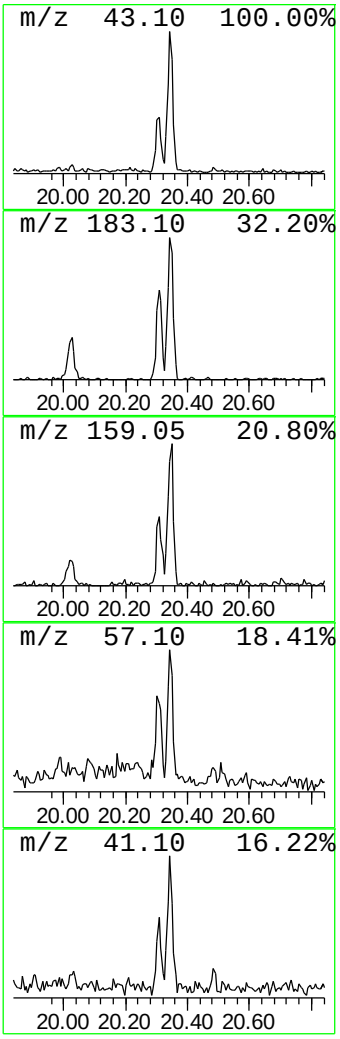
****

Peak Number 6 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	2.19 ng/ul	396895	Chrysene-d12	21.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	32
2	Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	27
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	12
4	Thioacetic acid, S-(5-acetylthio...	234	C9H14O3S2	1000185-15-4	10
5	Glutamic acid, N-isobutyryl-, di...	245	C11H19NO5	1000153-35-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024211.D
Acq On : 6 Oct 2016 22:50
Operator : UM/SJ
Sample : H5082-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

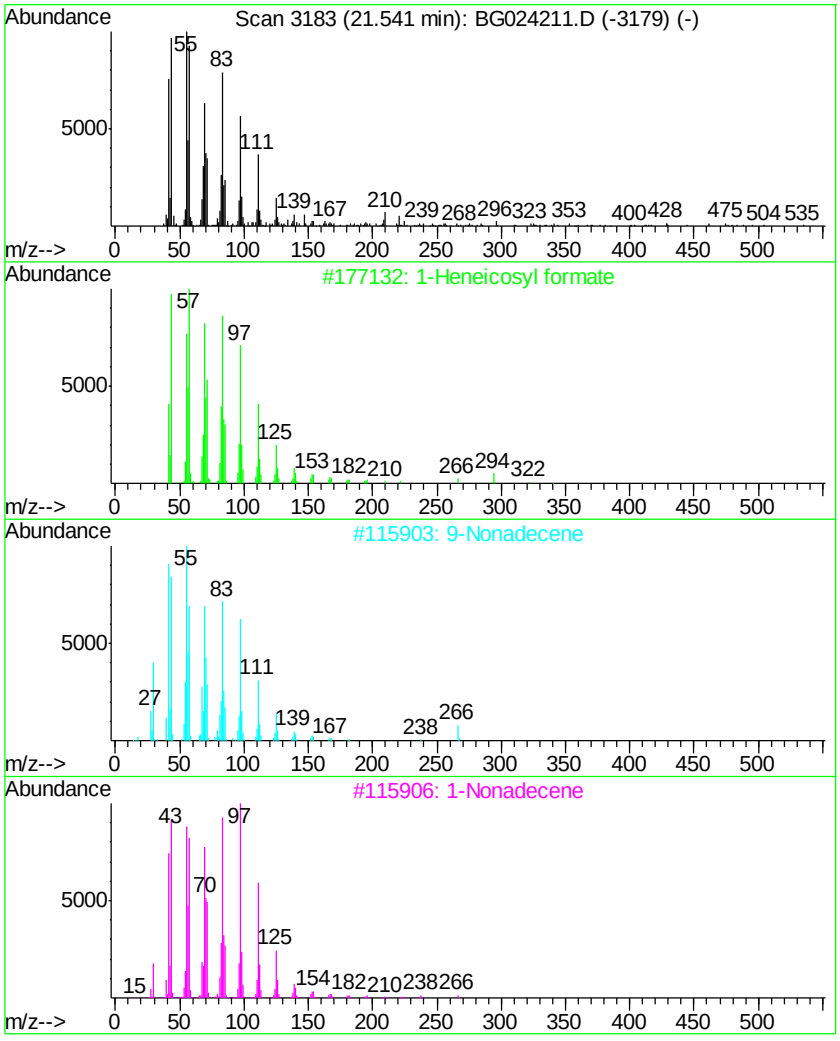
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

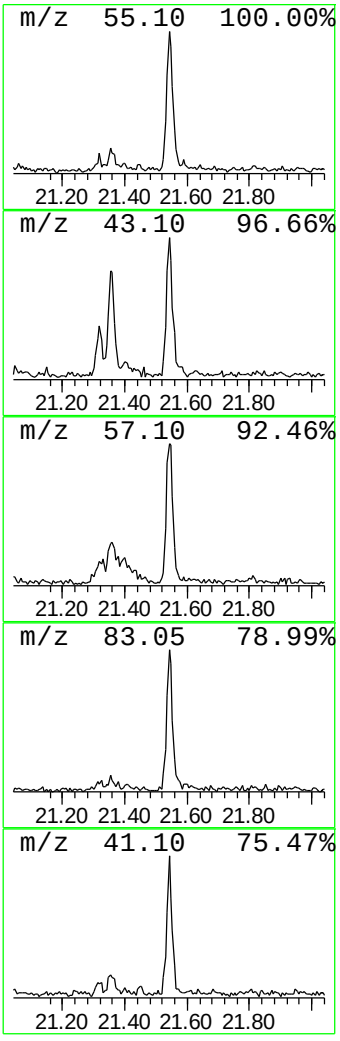
****

Peak Number 7 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	3.30 ng/ul	597152	Chrysene-d12	21.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	9-Nonadecene	266	C19H38	031035-07-1	93
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024211.D
Acq On : 6 Oct 2016 22:50
Operator : UM/SJ
Sample : H5082-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDPJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.00	62.8	ng/ul	3772400	1	8.30	1202450	20.0
unknown-01	3.93	2.9	ng/ul	174751	1	8.30	1202450	20.0
n-Hexadecanoic acid	18.50	4.4	ng/ul	744085	4	17.65	3393090	20.0
Octadecanoic acid	19.76	2.5	ng/ul	425588	4	17.65	3393090	20.0
unknown-02	20.34	2.2	ng/ul	396895	5	21.95	3619980	20.0
1-Heneicosyl formate	21.54	3.3	ng/ul	597152	5	21.95	3619980	20.0