LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020309.D
Acq On : 19 Dec 2015 13:17
Operator : UM/SJ
Sample : G4849-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N68

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-BG121415.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	3.115	42	47	56	rBV2	22400	46456	4.98%	0.555%
2	3.192	56	60	67	rVB	14660	21749	2.33%	0.260%
3	3.462	103	106	112	rVB	4020	5641	0.61%	0.067%
4	7.240	742	749	758	rBV	89908	157631	16.91%	1.884%
5	7.410	772	778	789	rBB	75519	120552	12.93%	1.441%
6	7.616	807	813	821	rBB	95267	158135	16.97%	1.890%
7	8.092	887	894	904	rBB	65862	110265	11.83%	1.318%
8	8.791	1006	1013	1023	rVB	123751	206079	22.11%	2.463%
9	9.255	1085	1092	1102	rBB	92626	160297	17.20%	1.916%
10	9.984	1209	1216	1224	rBV	81188	141969	15.23%	1.697%
11	10.519	1301	1307	1317	rBB	126086	221039	23.72%	2.642%
12	10.906	1366	1373	1378	rBV	94193	169237	18.16%	2.023%
13	10.959	1378	1382	1389	rVV	48086	81334	8.73%	0.972%
14	11.036	1389	1395	1408	rVB	108767	201895	21.66%	2.413%
15	12.481	1637	1641	1647	rBB	2063	2732	0.29%	0.033%
16	12.557	1647	1654	1659	rBB	9094	14327	1.54%	0.171%
17	12.775	1687	1691	1696	rVB2	3331	5110	0.55%	0.061%
18	13.556	1817	1824	1828	rBV2	3045	4536	0.49%	0.054%
19	14.120	1914	1920	1925	rBV	267044	382066	40.99%	4.567%
20	14.167	1925	1928	1935	rVB	70761	89396	9.59%	1.069%
21	14.420	1964	1971	1979	rBV	260707	418749	44.93%	5.006%
22	14.602	1999	2002	2006	rVB2	4261	5292	0.57%	0.063%
23	14.725	2016	2023	2029	rBV2	161766	261752	28.08%	3.129%
24	14.784	2029	2033	2038	rVB	6902	9507	1.02%	0.114%
25	14.908	2048	2054	2064	rBV	120302	187624	20.13%	2.243%
26	15.054	2076	2079	2083	rVB	963	1358	0.15%	0.016%
27	15.119	2083	2090	2094	rVV	9272	14976	1.61%	0.179%
28	15.207	2101	2105	2110	rVB3	2891	5097	0.55%	0.061%
29	15.319	2120	2124	2128	rBV3	2062	2589	0.28%	0.031%
30	15.501	2152	2155	2159	rVV	1105	1792	0.19%	0.021%
31	15.548	2159	2163	2168	rVB2	12044	14875	1.60%	0.178%
32	15.713	2184	2191	2197	rBV	393745	568945	61.04%	6.801%
33	15.765	2197	2200	2204	rVV	8529	11341	1.22%	0.136%
34	15.824	2204	2210	2219	rVB	121732	178728	19.18%	2.137%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020309.D
Acq On : 19 Dec 2015 13:17
Operator : UM/SJ
Sample : G4849-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N68

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-BG121415.M
Title : SVOA CALIBRATION

35	15.953	2225	2232	2237	rBV	6583	11083	1.19%	0.132%
36	15.989	2237	2238	2244	rVB	1174	1349	0.14%	0.016%
37	16.047	2244	2248	2253	rVB	1635	2390	0.26%	0.029%
38	16.100	2253	2257	2261	rVB2	2322	2655	0.28%	0.032%
39	16.171	2266	2269	2272	rVB	1801	1529	0.16%	0.018%
40	16.406	2304	2309	2313	rBV	14509	20483	2.20%	0.245%
41	16.747	2364	2367	2368	rBV	1620	1770	0.19%	0.021%
42	16.817	2375	2379	2381	rVB	1308	1546	0.17%	0.018%
43	16.864	2384	2387	2390	rBV	1013	1650	0.18%	0.020%
44	17.199	2441	2444	2450	rBV	7162	9681	1.04%	0.116%
45	17.252	2450	2453	2458	rVB2	2396	3072	0.33%	0.037%
46	17.463	2483	2489	2494	rBV2	233345	353305	37.91%	4.223%
47	17.510	2494	2497	2500	rVV	25416	32191	3.45%	0.385%
48	17.563	2500	2506	2518	rVB2	430902	675906	72.52%	8.080%
49	17.869	2555	2558	2562	rVB2	2838	3752	0.40%	0.045%
50	18.339	2633	2638	2643	rBV	31501	41731	4.48%	0.499%
51	18.415	2649	2651	2654	rVB	1500	1495	0.16%	0.018%
52	18.533	2668	2671	2673	rBV2	1433	1751	0.19%	0.021%
53	18.838	2720	2723	2725	rBV3	1129	1517	0.16%	0.018%
54	19.485	2828	2833	2835	rBV	5735	8633	0.93%	0.103%
55	19.514	2835	2838	2843	rVB	12496	16159	1.73%	0.193%
56	19.602	2849	2853	2865	rBV3	7904	12182	1.31%	0.146%
57	19.737	2870	2876	2884	rVB2	4798	9814	1.05%	0.117%
58	19.849	2888	2895	2907	rBV	625745	893181	95.83%	10.677%
59	20.125	2940	2942	2943	rBV2	1502	1482	0.16%	0.018%
60	20.143	2943	2945	2950	rVV6	1742	3229	0.35%	0.039%
61	20.342	2973	2979	2980	rBV5	1323	2257	0.24%	0.027%
62	20.366	2980	2983	2987	rVB3	2471	2878	0.31%	0.034%
63	20.466	2996	3000	3002	rBV3	1622	1738	0.19%	0.021%
64	20.530	3008	3011	3013	rVB4	1175	1402	0.15%	0.017%
65	20.671	3032	3035	3040	rVB3	1300	1686	0.18%	0.020%
66	20.742	3040	3047	3052	rBV	29235	38382	4.12%	0.459%
67	20.795	3054	3056	3061	rVB4	2129	3073	0.33%	0.037%
68	20.854	3061	3066	3069	rBV5	3497	4919	0.53%	0.059%
69	20.983	3083	3088	3092	rBV5	2017	3697	0.40%	0.044%
70	21.365	3147	3153	3166	rBV2	39135	72289	7.76%	0.864%
71	21.606	3193	3194	3198	rVB4	1426	1622	0.17%	0.019%

LSC Area Percent Report

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Acq On : 19 Dec 2015 13:17
Operator : UM/SJ
Sample : G4849-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N68

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-BG121415.M
Title : SVOA CALIBRATION

72	21.741	3209	3217	3223	rBV	325897	512362	54.97%	6.125%
73	21.882	3239	3241	3243	rBV2	1660	1486	0.16%	0.018%
74	21.923	3243	3248	3251	rVV4	4707	6540	0.70%	0.078%
75	22.534	3346	3352	3357	rBV6	5588	10307	1.11%	0.123%
76	23.239	3465	3472	3478	rBV6	7542	17532	1.88%	0.210%
77	23.298	3478	3482	3488	rBV7	2543	6210	0.67%	0.074%
78	23.433	3503	3505	3511	rVB5	2315	3370	0.36%	0.040%
79	23.832	3569	3573	3575	rBV4	1463	1710	0.18%	0.020%
80	23.868	3575	3579	3584	rVV5	4160	8737	0.94%	0.104%
81	24.050	3604	3610	3616	rVB4	8633	18275	1.96%	0.218%
82	24.790	3723	3736	3751	rBV	341611	932031	100.00%	11.142%
83	25.013	3763	3774	3787	rVB2	174178	497267	53.35%	5.944%
84	26.159	3961	3969	3979	rVB3	9343	29142	3.13%	0.348%
85	26.288	3990	3991	3994	rBV3	1968	2097	0.22%	0.025%
86	26.441	4015	4017	4020	rVB4	1841	1649	0.18%	0.020%
87	26.523	4029	4031	4034	rBV3	1162	1426	0.15%	0.017%
88	26.988	4108	4110	4112	rBV3	1657	1807	0.19%	0.022%
89	27.534	4193	4203	4214	rBV7	10045	36255	3.89%	0.433%
90	27.886	4261	4263	4266	rBV4	1509	1405	0.15%	0.017%
91	27.980	4275	4279	4281	rBV4	1215	1687	0.18%	0.020%
92	28.133	4303	4305	4309	rBV3	1607	2646	0.28%	0.032%
93	28.838	4423	4425	4429	rBV4	1037	1392	0.15%	0.017%
94	29.208	4476	4488	4493	rBV8	7314	27588	2.96%	0.330%
95	30.360	4681	4684	4686	rBV3	1166	1351	0.14%	0.016%
96	30.771	4750	4754	4756	rBV5	1442	1808	0.19%	0.022%
97	30.795	4756	4758	4761	rBV4	991	1400	0.15%	0.017%
98	31.194	4821	4826	4827	rBV3	3301	4161	0.45%	0.050%
99	31.711	4912	4914	4917	rBV3	1204	1688	0.18%	0.020%
100	32.604	5064	5066	5071	rVB4	1224	1502	0.16%	0.018%

Sum of corrected areas: 8365381

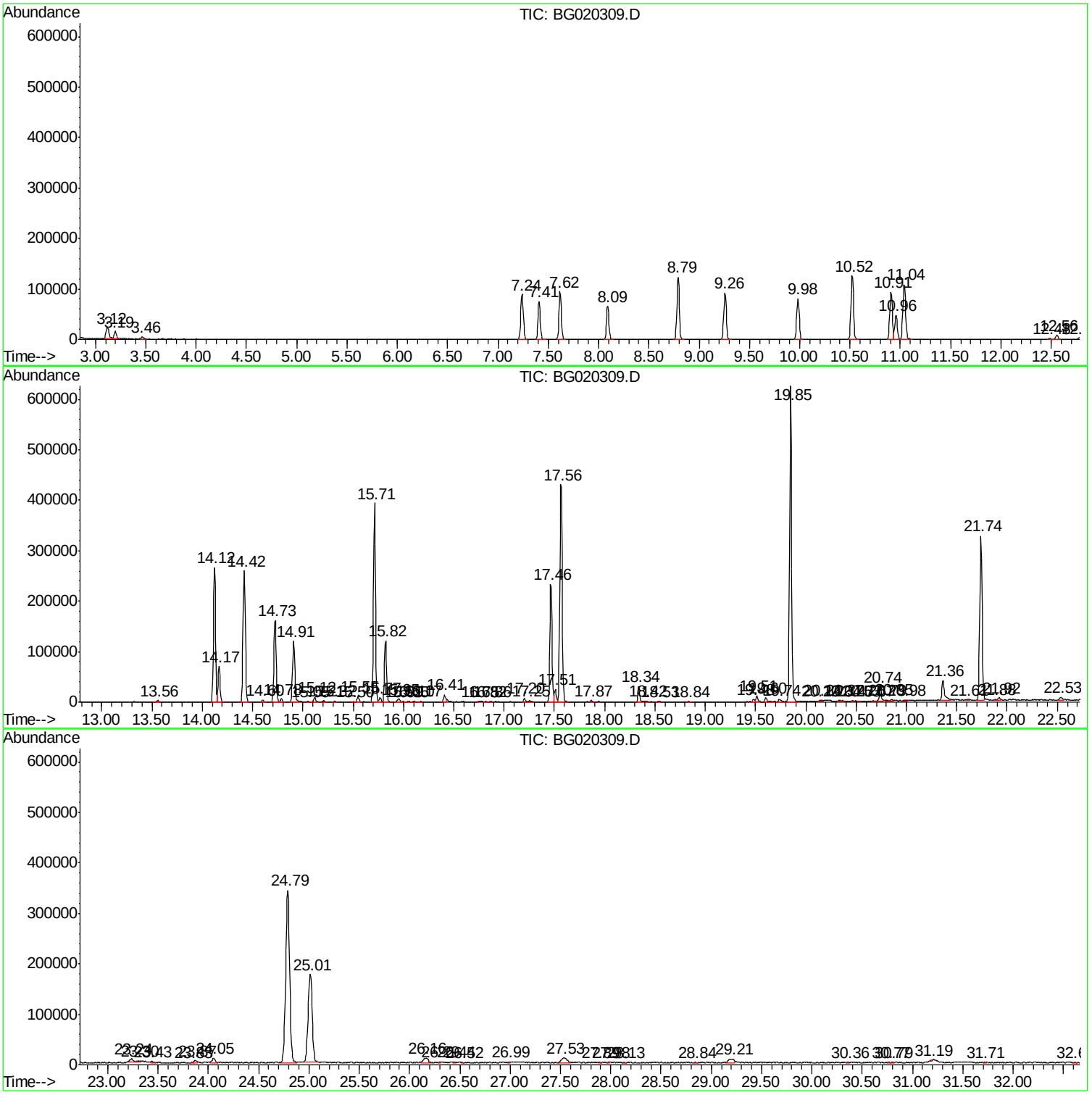
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020309.D
Acq On : 19 Dec 2015 13:17
Operator : UM/SJ
Sample : G4849-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N68

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020309.D
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Sample : G4849-02
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Instrument : BNA_G
ClientSampleId : D9N68

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

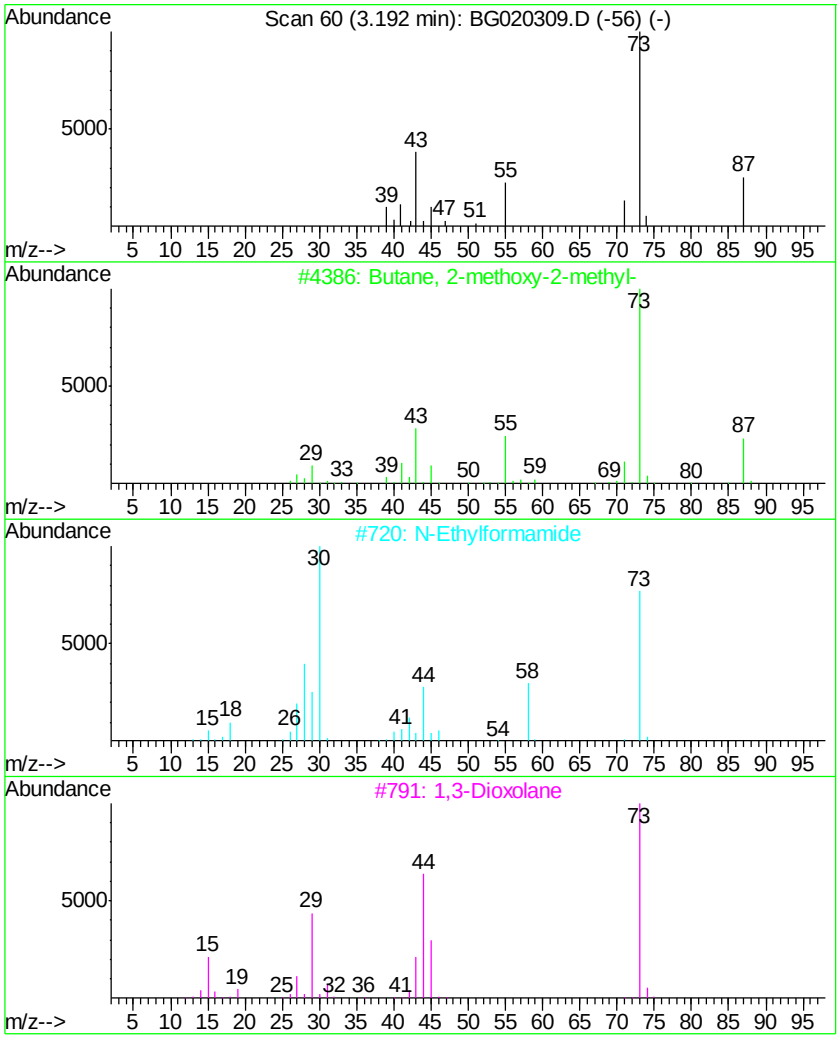
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

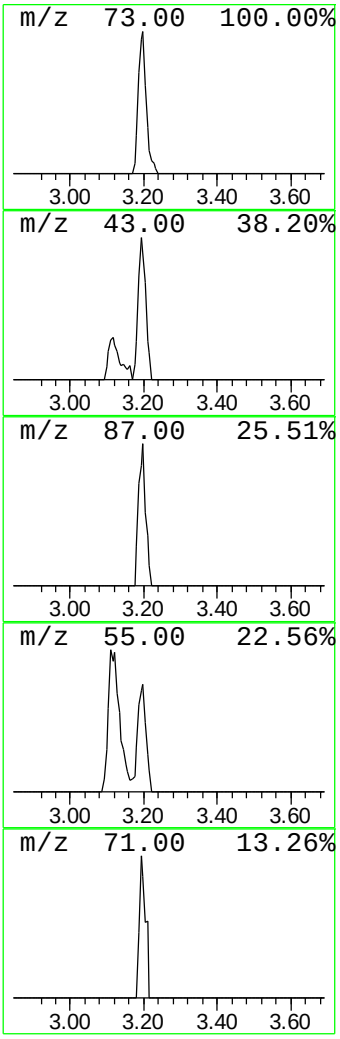
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	3.94 ng/ul	21749	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	N-Ethylformamide	73	C3H7NO	000627-45-2	5
3	1,3-Dioxolane	74	C3H6O2	000646-06-0	4
4	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	4
5	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	4





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020309.D
Acq On : 19 Dec 2015 13:17
Operator : UM/SJ
Sample : G4849-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N68

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

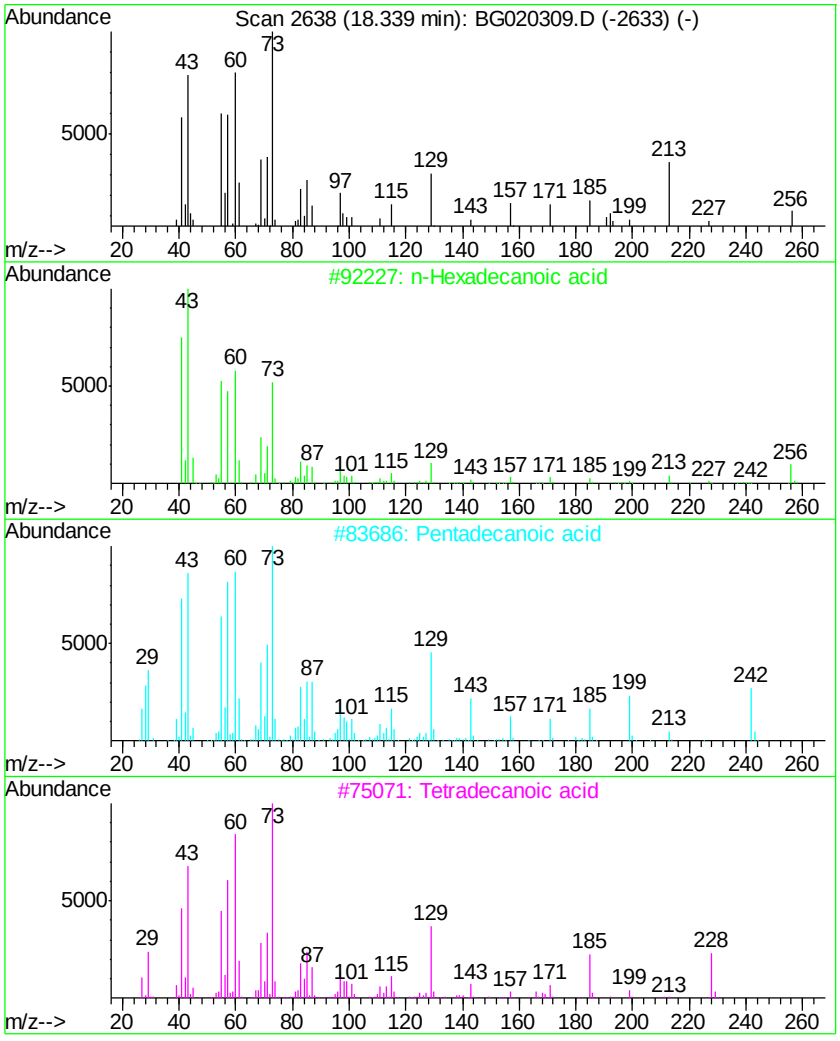
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

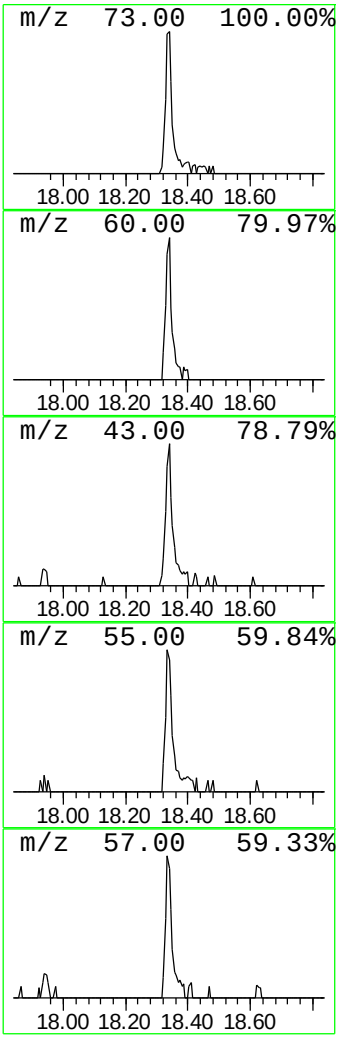
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.36 ng/ul	41731	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	52
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020309.D
Acq On : 19 Dec 2015 13:17
Operator : UM/SJ
Sample : G4849-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N68

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

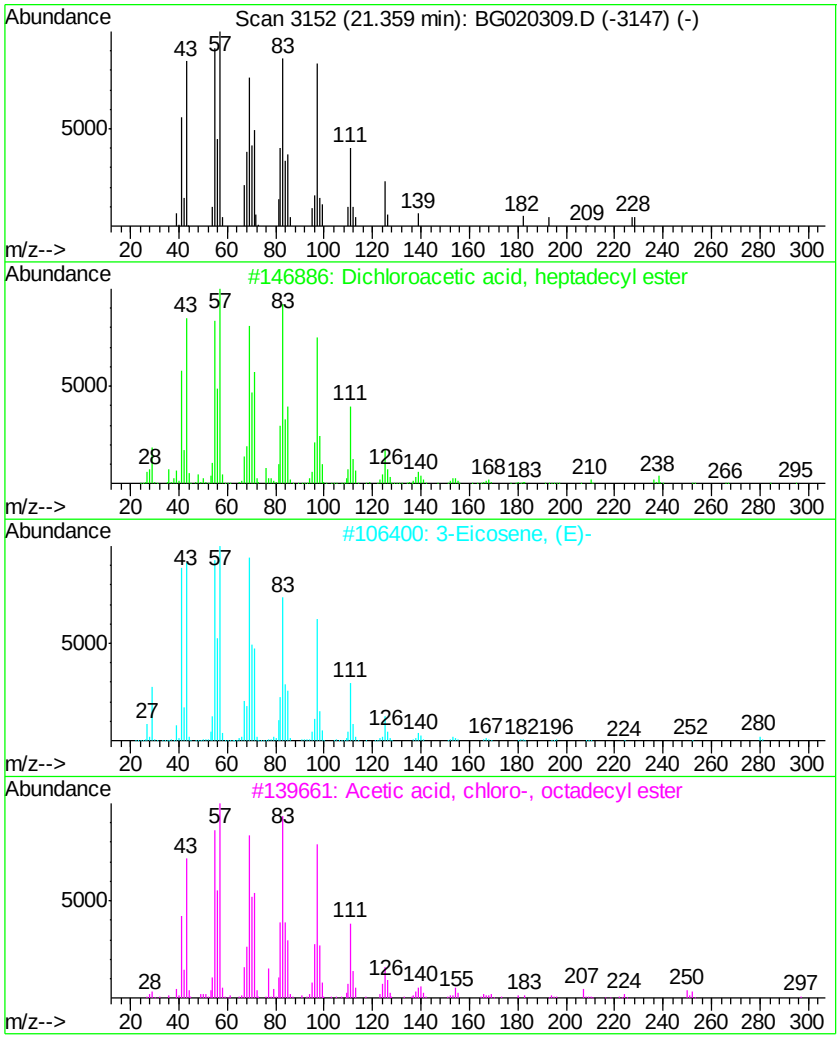
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

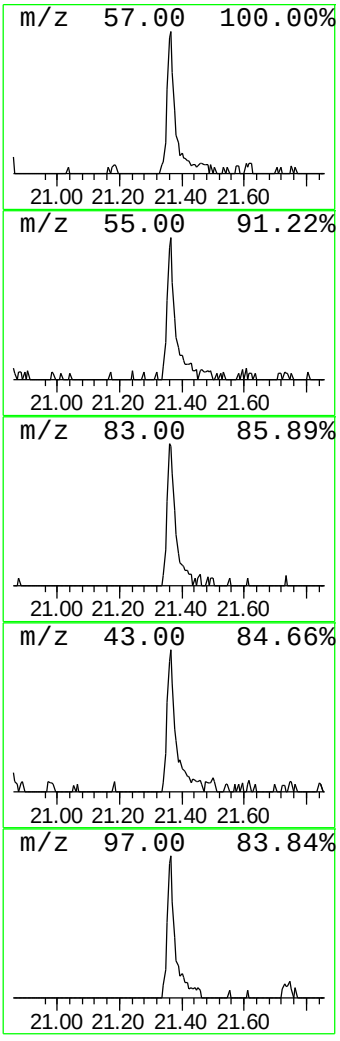
****

Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	2.82 ng/ul	72289	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	1-Octadecanol	270	C18H38O	000112-92-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020309.D
Acq On : 19 Dec 2015 13:17
Operator : UM/SJ
Sample : G4849-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N68

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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
Butane, 2-methoxy...	3.19	3.9	ng/ul	21749	1	8.09	110265	20.0
n-Hexadecanoic acid	18.34	2.4	ng/ul	41731	4	17.46	353305	20.0
Dichloroacetic ac...	21.36	2.8	ng/ul	72289	5	21.74	512362	20.0