LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018360.D
Acq On : 10 Aug 2015 19:01
Operator : UM/MA
Sample : G3154-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J8

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-BG080915.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	3.202	60	62	65	rBV4	4036	4158	0.21%	0.015%
2	3.466	104	107	113	rVB2	17858	27678	1.39%	0.102%
3	3.831	165	169	172	rVB5	4839	5535	0.28%	0.020%
4	3.919	180	184	186	rBV5	5069	6317	0.32%	0.023%
5	4.119	215	218	219	rBV3	5260	5877	0.29%	0.022%
6	4.166	223	226	228	rBV4	3657	4030	0.20%	0.015%
7	4.189	228	230	233	rBV4	4066	4192	0.21%	0.015%
8	4.260	241	242	246	rBV4	4495	4674	0.23%	0.017%
9	4.577	294	296	301	rBV6	4768	7191	0.36%	0.026%
10	4.824	336	338	340	rBV3	6900	5300	0.27%	0.019%
11	5.153	393	394	397	rVB4	5491	4508	0.23%	0.017%
12	5.740	493	494	500	rVB6	3246	4073	0.20%	0.015%
13	5.817	504	507	508	rBV3	4377	4138	0.21%	0.015%
14	5.846	508	512	515	rVB6	3645	6261	0.31%	0.023%
15	5.975	532	534	537	rVB4	3710	4226	0.21%	0.016%
16	6.157	562	565	569	rVB5	4309	4043	0.20%	0.015%
17	6.481	617	620	621	rVV3	4750	3949	0.20%	0.015%
18	6.533	625	629	631	rVB5	3900	5572	0.28%	0.020%
19	6.622	642	644	650	rVB7	3873	4553	0.23%	0.017%
20	6.674	650	653	657	rBV6	5344	9112	0.46%	0.033%
21	6.898	689	691	696	rVB5	4585	6299	0.32%	0.023%
22	7.039	713	715	717	rBV3	4986	5137	0.26%	0.019%
23	7.080	720	722	726	rVB5	4966	5431	0.27%	0.020%
24	7.186	733	740	748	rVV	312830	537613	26.91%	1.974%
25	7.356	763	769	775	rVB	270174	435923	21.82%	1.601%
26	7.479	789	790	791	rBV	7469	3967	0.20%	0.015%
27	7.562	795	804	811	rVV	330174	564443	28.26%	2.073%
28	7.638	815	817	822	rVV6	2378	3940	0.20%	0.014%
29	7.879	854	858	860	rBV5	4975	4302	0.22%	0.016%
30	8.032	875	884	890	rBV2	284222	484195	24.24%	1.778%
31	8.155	901	905	908	rBV5	4896	8009	0.40%	0.029%
32	8.273	921	925	927	rVB5	4814	5495	0.28%	0.020%
33	8.678	989	994	995	rBV5	3548	4495	0.23%	0.017%
34	8.731	995	1003	1010	rBV	402700	703332	35.21%	2.583%

LSC Area Percent Report

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Data File : BG018360.D
Acq On : 10 Aug 2015 19:01
Operator : UM/MA
Sample : G3154-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J8

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-BG080915.M
Title : SVOA CALIBRATION

35	8.901	1031	1032	1035	rBV3	4664	5205	0.26%	0.019%
36	8.942	1038	1039	1044	rVV4	5267	6537	0.33%	0.024%
37	8.983	1044	1046	1049	rVB4	4011	4033	0.20%	0.015%
38	9.189	1072	1081	1088	rBV	316127	556758	27.87%	2.045%
39	9.289	1094	1098	1099	rBV4	5723	5618	0.28%	0.021%
40	9.442	1122	1124	1127	rVB3	4283	4971	0.25%	0.018%
41	9.694	1164	1167	1168	rBV3	4570	4401	0.22%	0.016%
42	9.759	1174	1178	1181	rVB5	5415	6275	0.31%	0.023%
43	9.859	1186	1195	1197	rBV9	14002	30765	1.54%	0.113%
44	9.912	1197	1204	1211	rVB2	248753	440265	22.04%	1.617%
45	10.352	1277	1279	1282	rBV4	3482	4001	0.20%	0.015%
46	10.452	1287	1296	1304	rVV	415528	742263	37.16%	2.726%
47	10.611	1317	1323	1324	rBV5	4022	7259	0.36%	0.027%
48	10.834	1354	1361	1369	rBV	483540	848397	42.47%	3.116%
49	10.964	1375	1383	1392	rBV	334039	616761	30.87%	2.265%
50	11.269	1432	1435	1438	rBV4	5226	5803	0.29%	0.021%
51	11.463	1467	1468	1472	rBV4	4545	4563	0.23%	0.017%
52	11.598	1486	1491	1492	rBV4	3746	5139	0.26%	0.019%
53	11.786	1519	1523	1525	rVB5	4035	4038	0.20%	0.015%
54	11.868	1535	1537	1540	rBV3	5683	6110	0.31%	0.022%
55	12.109	1575	1578	1580	rVB4	4595	3952	0.20%	0.015%
56	12.973	1721	1725	1727	rVB5	3510	4032	0.20%	0.015%
57	13.020	1727	1733	1737	rBV5	12098	21425	1.07%	0.079%
58	13.267	1770	1775	1779	rVV5	18181	25712	1.29%	0.094%
59	13.513	1813	1817	1820	rVB5	5956	4888	0.24%	0.018%
60	13.543	1820	1822	1827	rBV4	6263	11107	0.56%	0.041%
61	14.001	1898	1900	1903	rVB4	4208	4346	0.22%	0.016%
62	14.060	1903	1910	1914	rBV	810806	1181960	59.17%	4.341%
63	14.107	1914	1918	1925	rVB	232998	326190	16.33%	1.198%
64	14.166	1925	1928	1929	rBV3	5379	4191	0.21%	0.015%
65	14.207	1932	1935	1937	rBV4	3938	4345	0.22%	0.016%
66	14.348	1952	1959	1968	rVB	861358	1357127	67.94%	4.984%
67	14.612	2000	2004	2005	rBV4	3384	4215	0.21%	0.015%
68	14.653	2005	2011	2020	rVV2	872758	1429988	71.58%	5.252%
69	14.741	2023	2026	2028	rVB4	3083	4001	0.20%	0.015%
70	14.835	2034	2042	2049	rBV	405111	643770	32.23%	2.364%
71	15.059	2076	2080	2084	rBV5	13553	18034	0.90%	0.066%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018360.D
Acq On : 10 Aug 2015 19:01
Operator : UM/MA
Sample : G3154-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J8

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-BG080915.M
Title : SVOA CALIBRATION

72	15.164	2096	2098	2100	rBV3	5984	5522	0.28%	0.020%
73	15.382	2133	2135	2137	rBV3	4369	4833	0.24%	0.018%
74	15.458	2144	2148	2151	rVB3	7102	10545	0.53%	0.039%
75	15.505	2151	2156	2161	rVB6	20859	28224	1.41%	0.104%
76	15.564	2161	2166	2169	rBV7	4499	7060	0.35%	0.026%
77	15.646	2174	2180	2187	rVB	1136096	1647944	82.50%	6.052%
78	15.752	2192	2198	2206	rBV	297822	434601	21.76%	1.596%
79	15.881	2217	2220	2221	rBV3	8770	8494	0.43%	0.031%
80	16.128	2260	2262	2265	rVB4	5685	5755	0.29%	0.021%
81	16.181	2270	2271	2272	rBV	6662	4574	0.23%	0.017%
82	16.287	2287	2289	2292	rVB3	6291	5051	0.25%	0.019%
83	16.363	2298	2302	2305	rBV2	32730	45185	2.26%	0.166%
84	16.539	2329	2332	2335	rBV5	7305	10028	0.50%	0.037%
85	16.651	2349	2351	2354	rVB3	8265	7543	0.38%	0.028%
86	17.156	2433	2437	2440	rBV2	34015	45381	2.27%	0.167%
87	17.215	2445	2447	2451	rVB4	12492	11098	0.56%	0.041%
88	17.397	2471	2478	2486	rBV2	1235962	1855692	92.89%	6.815%
89	17.497	2488	2495	2502	rVV	1322593	1972594	98.75%	7.245%
90	17.573	2505	2508	2514	rVB7	10766	20010	1.00%	0.073%
91	17.779	2537	2543	2554	rBV	360725	568140	28.44%	2.087%
92	17.897	2560	2563	2567	rVB4	14843	18429	0.92%	0.068%
93	18.284	2625	2629	2635	rBV	150506	213594	10.69%	0.784%
94	18.713	2698	2702	2707	rVB	888797	1078363	53.98%	3.960%
95	19.553	2842	2845	2851	rBV6	49905	63118	3.16%	0.232%
96	19.777	2877	2883	2889	rBV	1375969	1953496	97.79%	7.174%
97	21.310	3141	3144	3151	rBV3	135127	205088	10.27%	0.753%
98	21.657	3197	3203	3211	rVB	1248216	1997627	100.00%	7.337%
99	24.647	3704	3712	3726	rVB	709620	1910537	95.64%	7.017%
100	24.865	3741	3749	3759	rVB	678432	1833484	91.78%	6.734%

Sum of corrected areas: 27228423

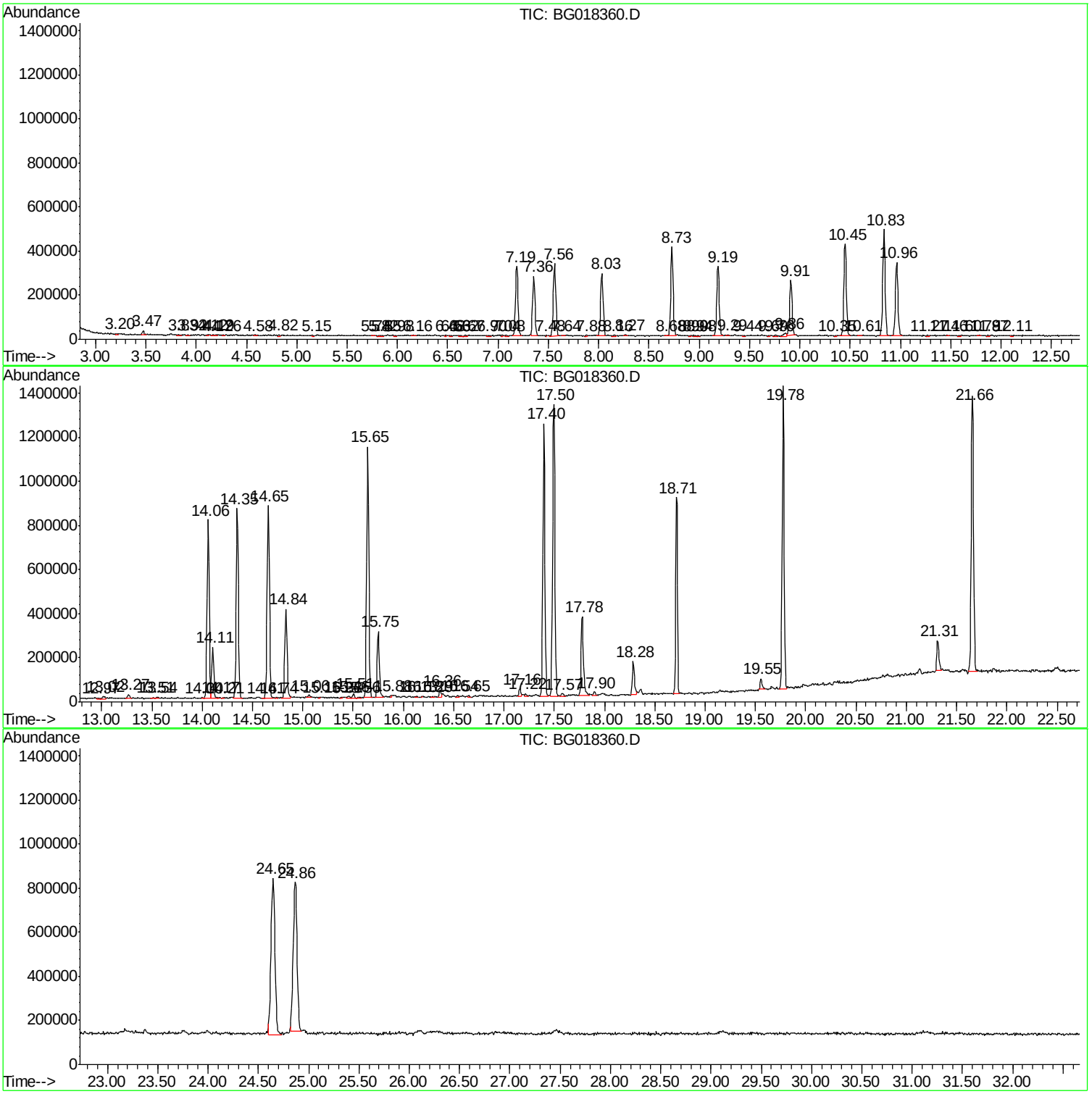
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018360.D
Acq On : 10 Aug 2015 19:01
Operator : UM/MA
Sample : G3154-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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\BG081015\
Data File : BG018360.D
Acq On : 10 Aug 2015 19:01
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Instrument : BNA_G
ClientSampleId : C01J8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

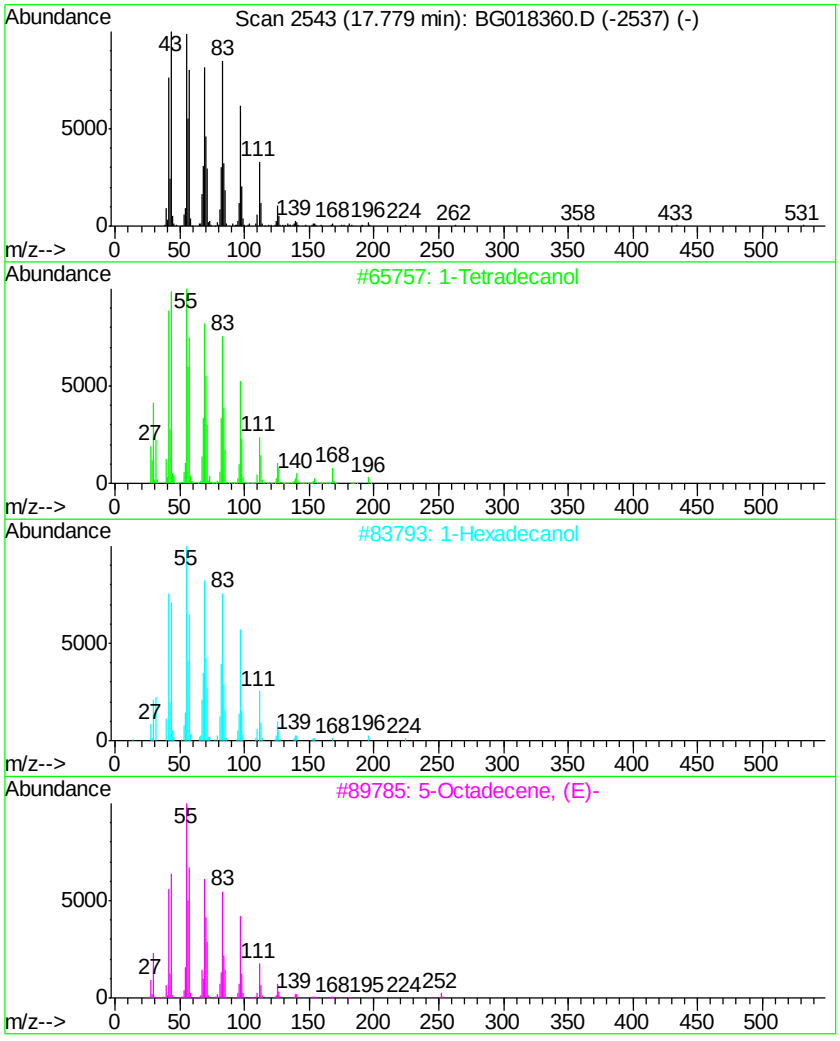
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

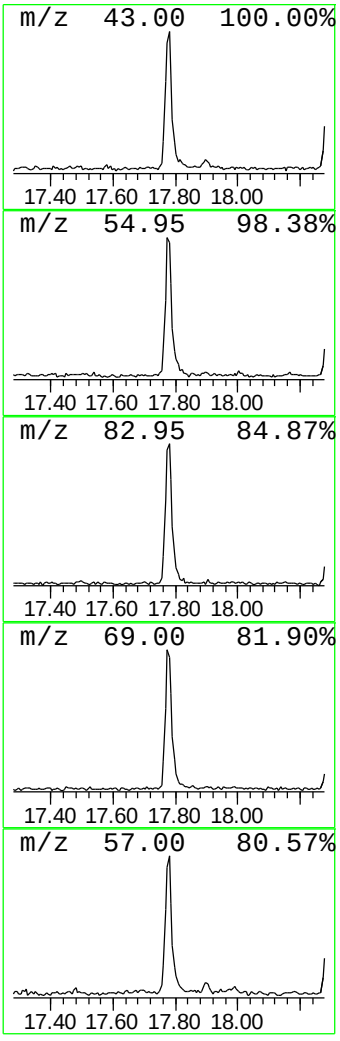
****

Peak Number 1 1-Tetradecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	6.12 ng/ul	568140	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecanol	214	C14H30O	000112-72-1	91
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	1-Pentadecene	210	C15H30	013360-61-7	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018360.D
Acq On : 10 Aug 2015 19:01
Operator : UM/MA
Sample : G3154-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

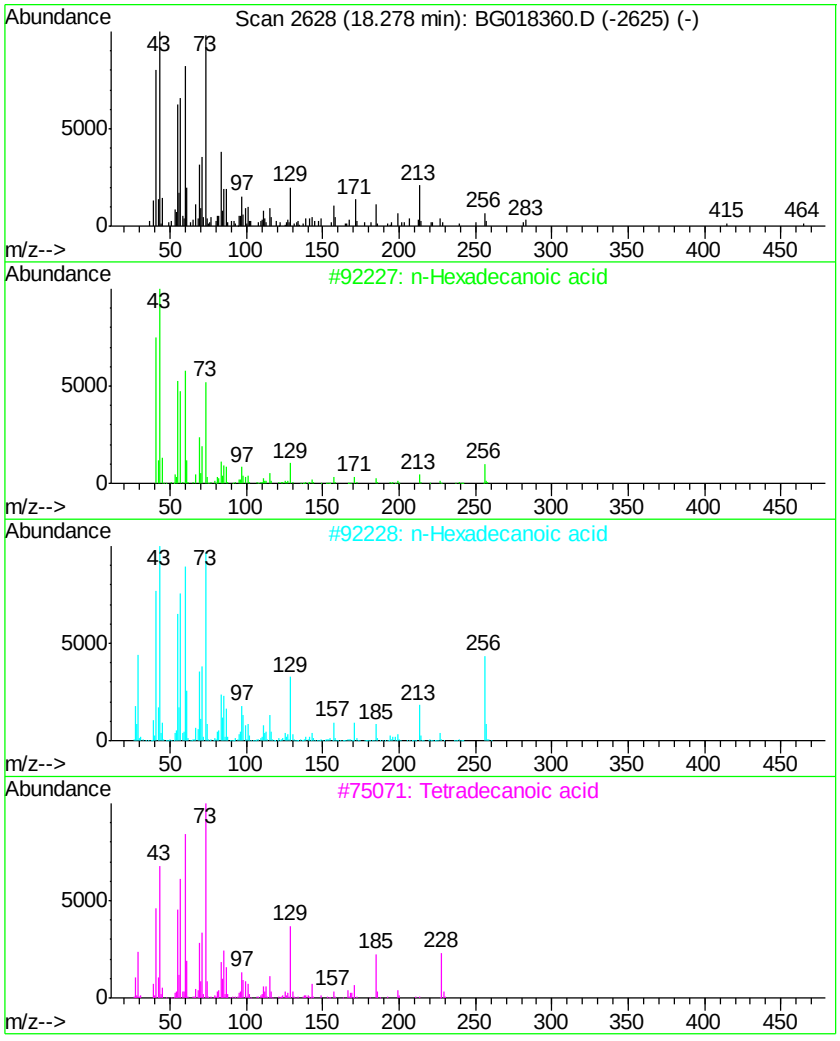
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

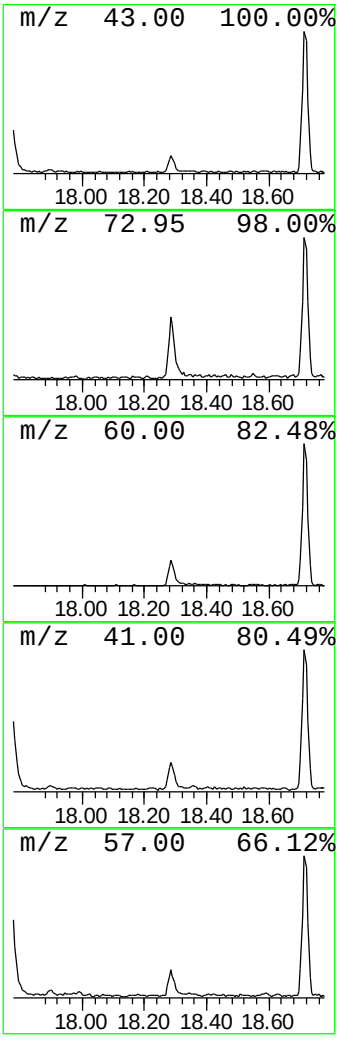
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.30 ng/ul	213594	Phenanthrene-d10	17.40

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018360.D
Acq On : 10 Aug 2015 19:01
Operator : UM/MA
Sample : G3154-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

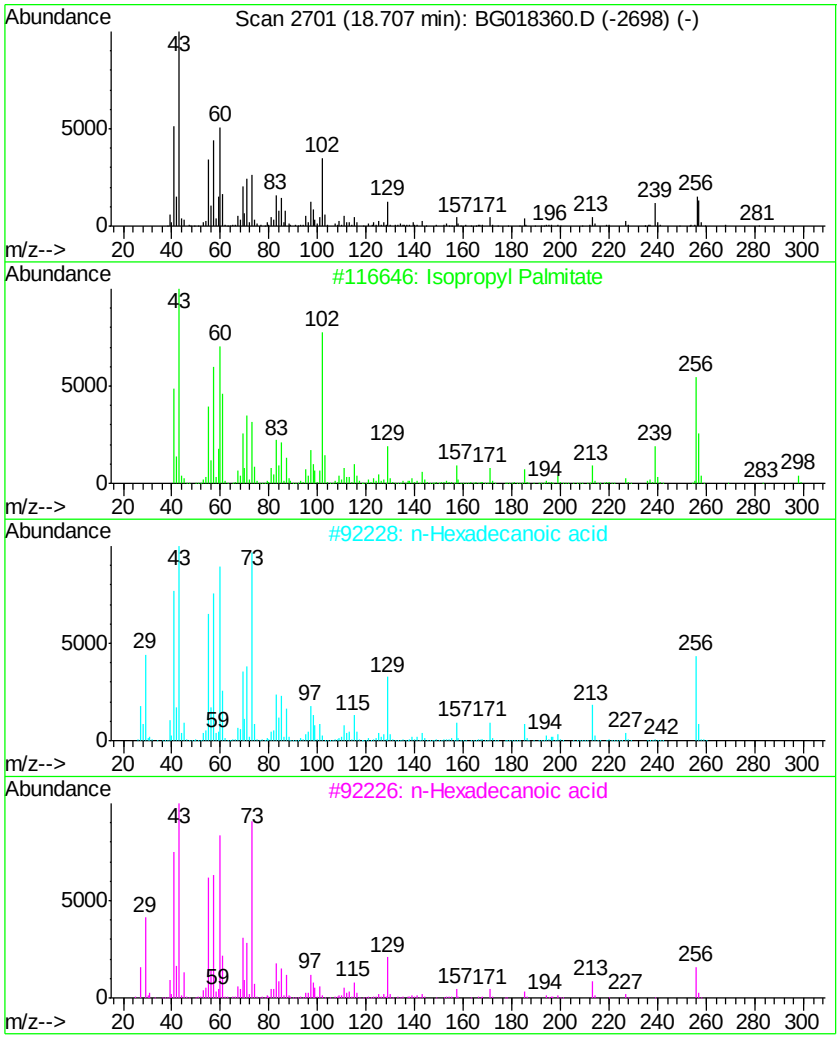
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

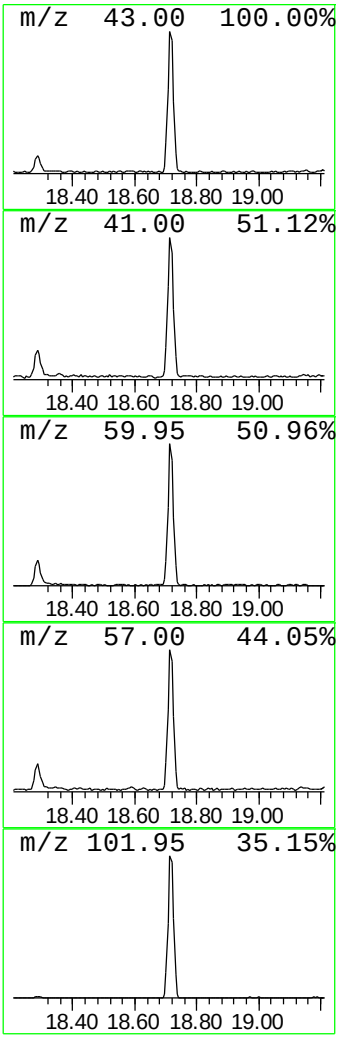
****

Peak Number 3 Isopropyl Palmitate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	11.62 ng/ul	1078360	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Palmitate	298	C19H38O2	000142-91-6	72
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
5	Isopropyl Myristate	270	C17H34O2	000110-27-0	49





Library Search Compound Report

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Data File : BG018360.D
Acq On : 10 Aug 2015 19:01
Operator : UM/MA
Sample : G3154-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

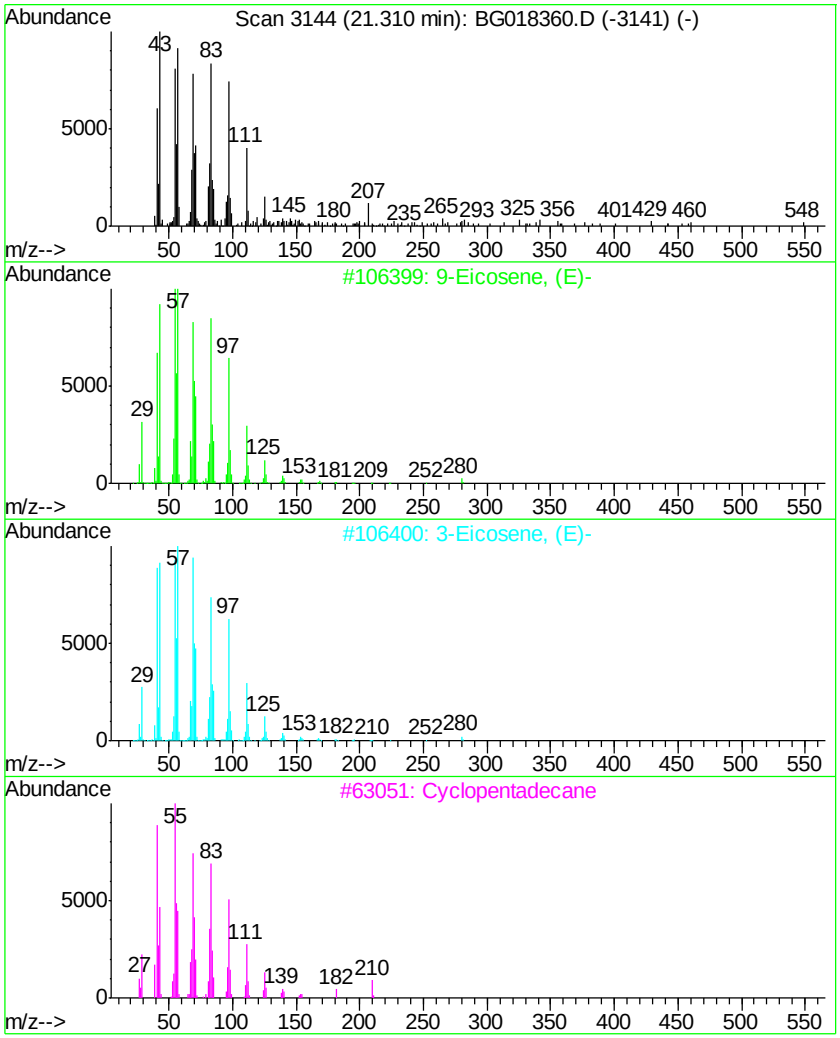
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

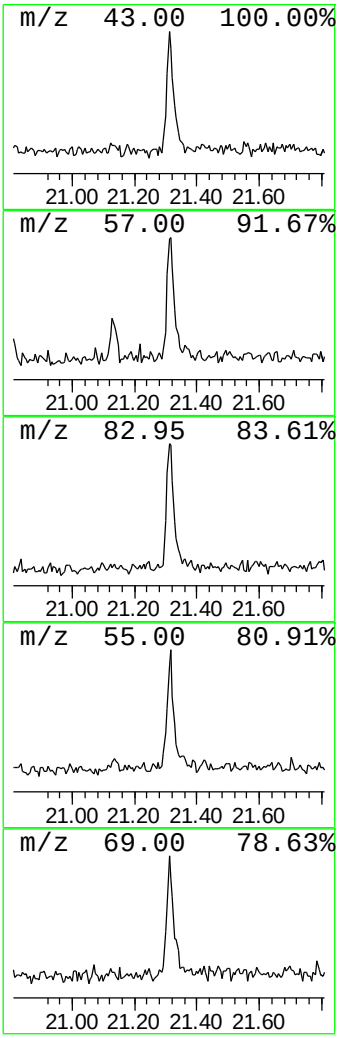
****

Peak Number 4 (DEL) Alkane: Cyclic21.31 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	2.05 ng/ul	205088	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
3	Cyclopentadecane	210	C15H30	000295-48-7	89
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	83
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018360.D
Acq On : 10 Aug 2015 19:01
Operator : UM/MA
Sample : G3154-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01J8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
1-Tetradecanol	17.78	6.1	ng/ul	568140	4	17.40	1855690	20.0
n-Hexadecanoic acid	18.28	2.3	ng/ul	213594	4	17.40	1855690	20.0
Isopropyl Palmitate	18.71	11.6	ng/ul	1078360	4	17.40	1855690	20.0
(DEL) Alkane: Cyc...	21.31	2.0	ng/ul	205088	5	21.66	1997630	20.0