LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024204.D
Acq On : 6 Oct 2016 18:20
Operator : UM/SJ
Sample : H5080-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNA6

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	3.654	136	139	142	rVB4	27930	39902	0.78%	0.066%
2	3.930	182	186	193	rBV	108568	184369	3.59%	0.306%
3	4.418	266	269	273	rBV5	15995	24742	0.48%	0.041%
4	4.724	319	321	325	rBV5	17555	19813	0.39%	0.033%
5	4.776	328	330	336	rVV7	9174	16418	0.32%	0.027%
6	5.376	431	432	437	rVB5	8790	12207	0.24%	0.020%
7	5.658	478	480	484	rVB4	13186	17119	0.33%	0.028%
8	5.916	521	524	526	rVB4	10623	8532	0.17%	0.014%
9	6.051	543	547	548	rBV4	10574	13357	0.26%	0.022%
10	6.122	556	559	560	rBV3	8721	8781	0.17%	0.015%
11	6.275	582	585	588	rBV4	10307	14402	0.28%	0.024%
12	6.480	617	620	622	rBV3	13847	13309	0.26%	0.022%
13	6.915	691	694	698	rBV7	6908	9797	0.19%	0.016%
14	7.168	734	737	739	rBV3	10095	10581	0.21%	0.018%
15	7.232	743	748	754	rBV5	34142	61749	1.20%	0.102%
16	7.426	774	781	793	rVB	752679	1427481	27.81%	2.367%
17	7.614	806	813	822	rVB	525617	927359	18.07%	1.538%
18	7.826	842	849	859	rBV	678229	1277364	24.89%	2.118%
19	7.967	871	873	876	rBV4	5537	8785	0.17%	0.015%
20	8.208	910	914	915	rBV4	10208	11842	0.23%	0.020%
21	8.220	915	916	920	rVB4	16351	11387	0.22%	0.019%
22	8.302	920	930	938	rBV2	619827	1136067	22.14%	1.884%
23	8.496	960	963	966	rBV5	16734	21504	0.42%	0.036%
24	8.654	989	990	994	rVB4	10566	8538	0.17%	0.014%
25	8.907	1032	1033	1037	rVB4	8926	8630	0.17%	0.014%
26	8.989	1037	1047	1057	rBV	941979	1701918	33.16%	2.822%
27	9.124	1067	1070	1072	rBV3	6819	8630	0.17%	0.014%
28	9.160	1072	1076	1078	rVB5	7067	8586	0.17%	0.014%
29	9.242	1089	1090	1095	rVB5	7207	9667	0.19%	0.016%
30	9.477	1121	1130	1137	rBV	710066	1352161	26.35%	2.242%
31	9.541	1137	1141	1145	rVB5	44049	72603	1.41%	0.120%
32	9.624	1152	1155	1157	rVB4	10289	10065	0.20%	0.017%
33	9.753	1175	1177	1181	rVB4	12948	16686	0.33%	0.028%
34	9.788	1181	1183	1187	rBV5	8536	14093	0.27%	0.023%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024204.D
Acq On : 6 Oct 2016 18:20
Operator : UM/SJ
Sample : H5080-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNA6

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	9.841	1189	1192	1193	rVV3	7794	9185	0.18%	0.015%
36	9.853	1193	1194	1197	rVB3	12432	9496	0.19%	0.016%
37	10.012	1217	1221	1224	rBV6	9620	16442	0.32%	0.027%
38	10.117	1236	1239	1241	rVB4	12158	11150	0.22%	0.018%
39	10.147	1241	1244	1246	rBV4	12813	14491	0.28%	0.024%
40	10.200	1246	1253	1264	rVV2	603889	1126809	21.96%	1.868%
41	10.388	1279	1285	1287	rBV6	18454	29935	0.58%	0.050%
42	10.734	1335	1344	1352	rBV	955357	1752448	34.15%	2.906%
43	10.881	1365	1369	1370	rBV4	20565	17679	0.34%	0.029%
44	11.134	1404	1412	1420	rVV	846894	1603591	31.24%	2.659%
45	11.257	1425	1433	1443	rVV	893609	1732627	33.76%	2.873%
46	11.322	1443	1444	1448	rVB3	10658	9252	0.18%	0.015%
47	11.633	1496	1497	1501	rVB3	12849	11923	0.23%	0.020%
48	11.856	1532	1535	1541	rBV5	19442	32654	0.64%	0.054%
49	11.915	1543	1545	1547	rBV3	7391	8389	0.16%	0.014%
50	12.062	1569	1570	1573	rBV3	9168	8140	0.16%	0.013%
51	12.097	1573	1576	1578	rVV4	8445	11314	0.22%	0.019%
52	12.180	1585	1590	1591	rVB5	8883	9615	0.19%	0.016%
53	12.238	1598	1600	1601	rBV2	13116	10177	0.20%	0.017%
54	12.315	1610	1613	1615	rBV4	8679	8989	0.18%	0.015%
55	12.514	1645	1647	1649	rVB2	8667	7977	0.16%	0.013%
56	12.638	1666	1668	1671	rVB3	8566	8545	0.17%	0.014%
57	12.691	1671	1677	1683	rBV6	23643	48664	0.95%	0.081%
58	12.814	1695	1698	1701	rBV5	9118	11409	0.22%	0.019%
59	12.873	1706	1708	1711	rBV4	8120	9318	0.18%	0.015%
60	13.167	1756	1758	1760	rVB3	8844	8735	0.17%	0.014%
61	13.278	1773	1777	1780	rBV4	12630	20187	0.39%	0.033%
62	13.519	1814	1818	1824	rVB7	20845	29734	0.58%	0.049%
63	13.578	1824	1828	1831	rBV6	10101	12236	0.24%	0.020%
64	13.784	1858	1863	1869	rBV3	62647	112116	2.18%	0.186%
65	13.907	1879	1884	1886	rBV6	9056	16034	0.31%	0.027%
66	13.983	1893	1897	1900	rBV6	8069	9860	0.19%	0.016%
67	14.118	1918	1920	1923	rVB4	13597	13632	0.27%	0.023%
68	14.312	1944	1953	1957	rBV	1902644	2909921	56.70%	4.825%
69	14.359	1957	1961	1968	rVV	1316075	1858839	36.22%	3.082%
70	14.418	1968	1971	1977	rVB8	8796	17543	0.34%	0.029%
71	14.612	1997	2004	2011	rBV	1901098	3055340	59.53%	5.066%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024204.D
Acq On : 6 Oct 2016 18:20
Operator : UM/SJ
Sample : H5080-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNA6

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	14.712	2020	2021	2026	rVB5	10490	10546	0.21%	0.017%
73	14.777	2028	2032	2037	rBV6	23192	37278	0.73%	0.062%
74	14.865	2044	2047	2049	rBV4	12391	11898	0.23%	0.020%
75	14.918	2049	2056	2064	rVB	1438087	2365944	46.10%	3.923%
76	14.976	2064	2066	2069	rVB4	7723	8155	0.16%	0.014%
77	15.076	2075	2083	2092	rBV	1016323	1688385	32.90%	2.800%
78	15.411	2139	2140	2142	rBV2	13398	9936	0.19%	0.016%
79	15.681	2183	2186	2188	rBV3	12885	16067	0.31%	0.027%
80	15.722	2189	2193	2197	rVB4	51999	71526	1.39%	0.119%
81	15.899	2217	2223	2231	rVB	2606673	4167116	81.19%	6.910%
82	15.999	2234	2240	2248	rBV	888276	1395810	27.20%	2.314%
83	16.140	2260	2264	2271	rVB7	45807	100434	1.96%	0.167%
84	16.439	2314	2315	2318	rBV3	15707	15610	0.30%	0.026%
85	16.580	2335	2339	2348	rBV3	76332	141065	2.75%	0.234%
86	16.762	2366	2370	2376	rVB9	22392	46111	0.90%	0.076%
87	17.373	2470	2474	2479	rBV3	77762	103275	2.01%	0.171%
88	17.656	2515	2522	2529	rBV	1949518	3006060	58.57%	4.984%
89	17.755	2533	2539	2547	rVB2	2853272	4590865	89.45%	7.612%
90	18.002	2576	2581	2584	rBV2	278760	386335	7.53%	0.641%
91	18.114	2597	2600	2607	rVB2	68767	95855	1.87%	0.159%
92	18.507	2662	2667	2672	rBV	333514	496359	9.67%	0.823%
93	18.801	2713	2717	2721	rVB3	53626	74457	1.45%	0.123%
94	19.354	2806	2811	2818	rBV	845710	1042175	20.31%	1.728%
95	19.765	2877	2881	2886	rBV3	202796	267940	5.22%	0.444%
96	20.023	2919	2925	2931	rVB	3454729	5132336	100.00%	8.510%
97	21.545	3181	3184	3190	rVB3	433752	560486	10.92%	0.929%
98	21.956	3248	3254	3261	rVB	1950498	3394161	66.13%	5.628%
99	25.176	3794	3802	3812	rVB	1738509	4826550	94.04%	8.003%
100	25.411	3837	3842	3857	rVB2	1109124	3172750	61.82%	5.261%

Sum of corrected areas: 60308325

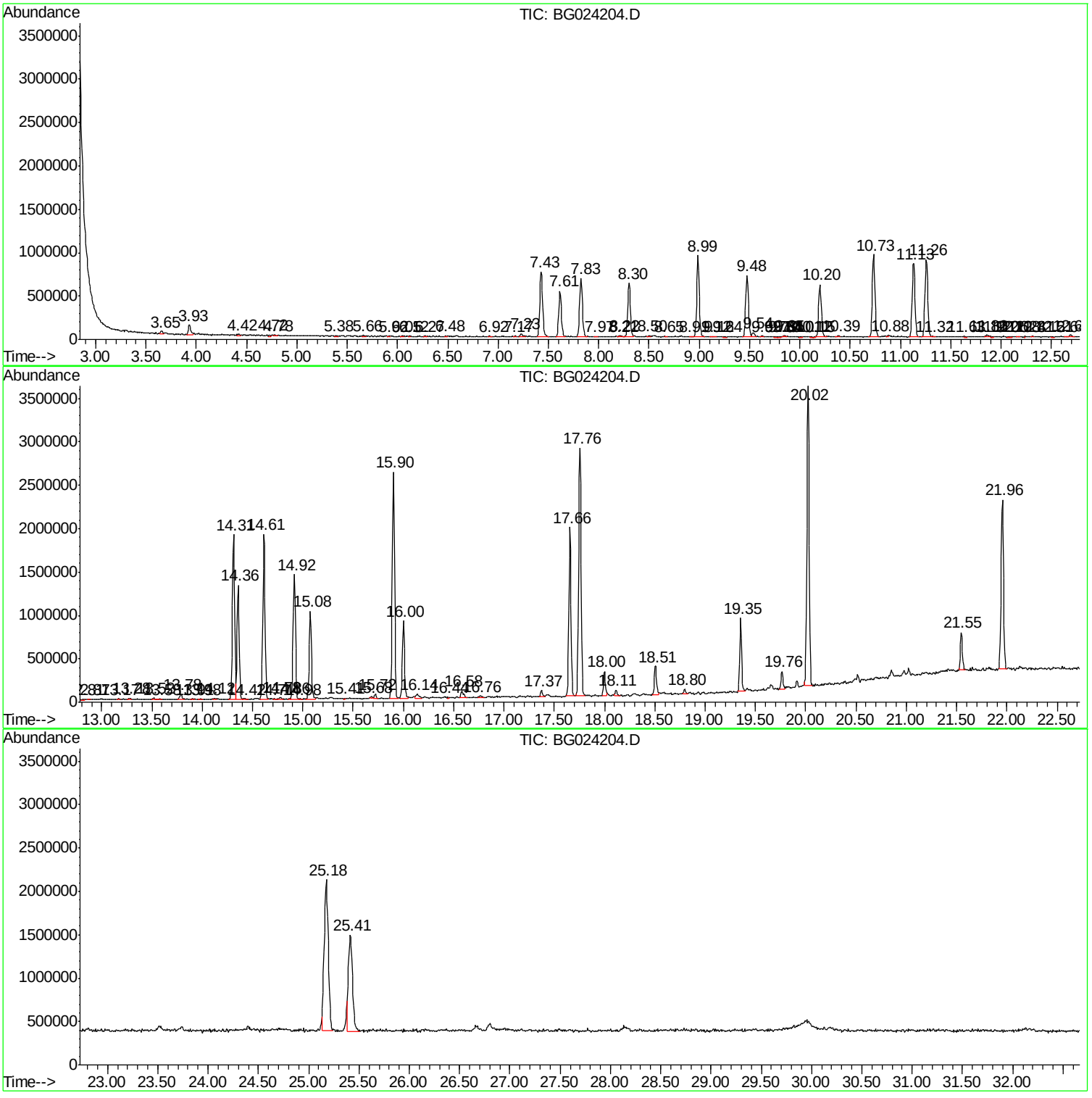
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024204.D
Acq On : 6 Oct 2016 18:20
Operator : UM/SJ
Sample : H5080-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNA6

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024204.D
Acq On : 6 Oct 2016 18:20
Operator : UM/SJ
Sample : H5080-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNA6

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

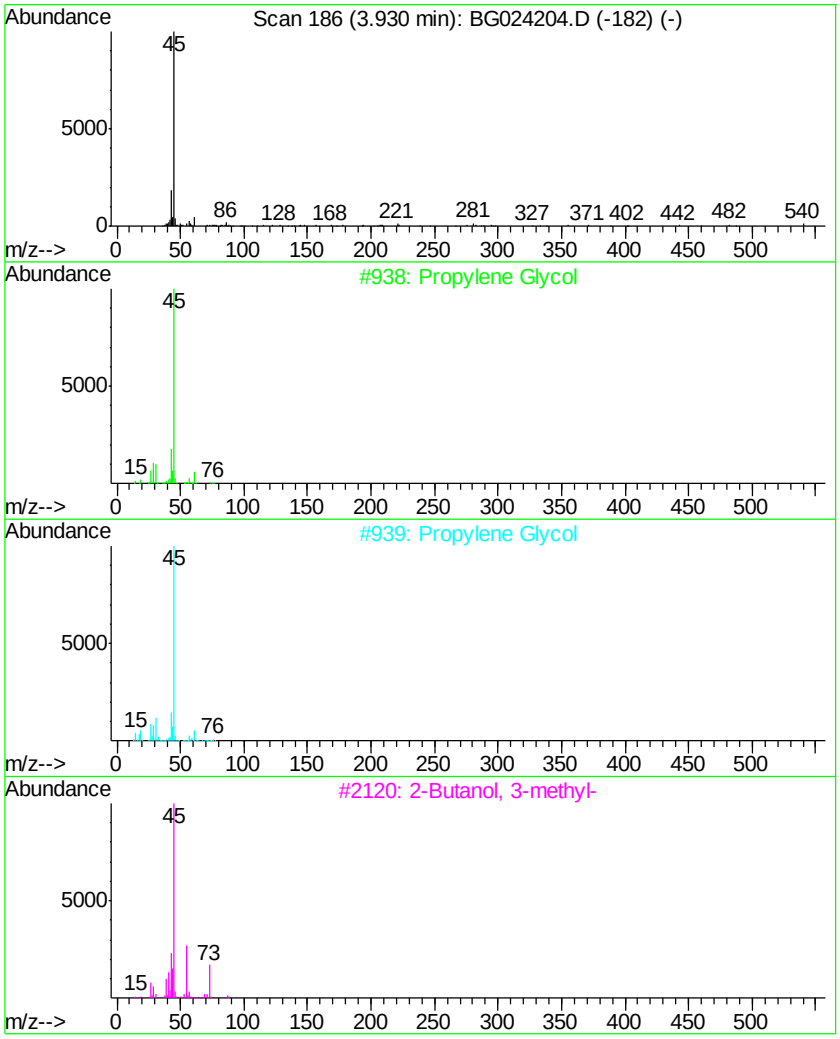
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

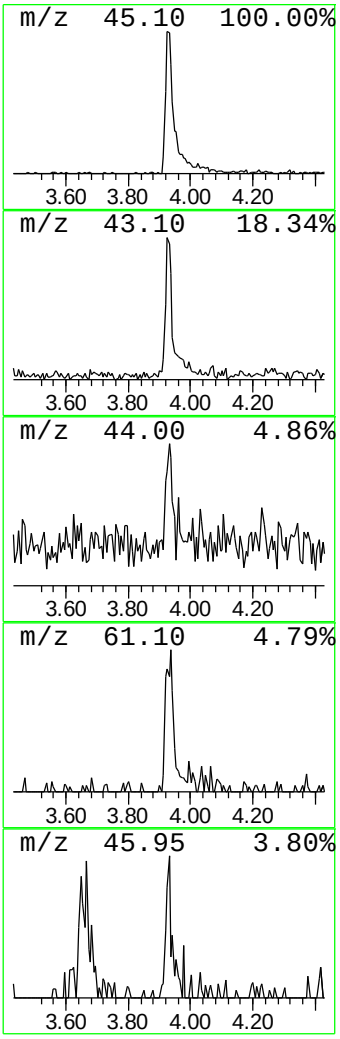
****

Peak Number 1 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	3.25 ng/ul	184369	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	64
2	Propylene Glycol	76	C3H8O2	000057-55-6	50
3	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	39
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	39
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	39





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024204.D
Acq On : 6 Oct 2016 18:20
Operator : UM/SJ
Sample : H5080-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNA6

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

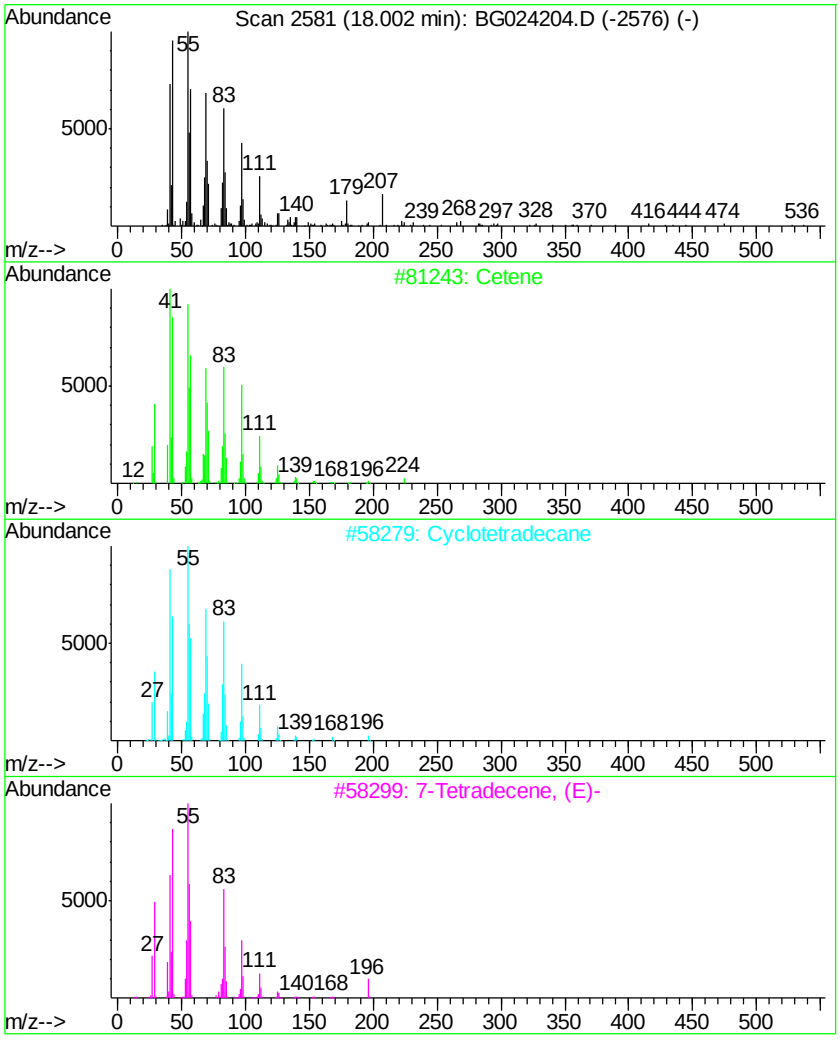
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

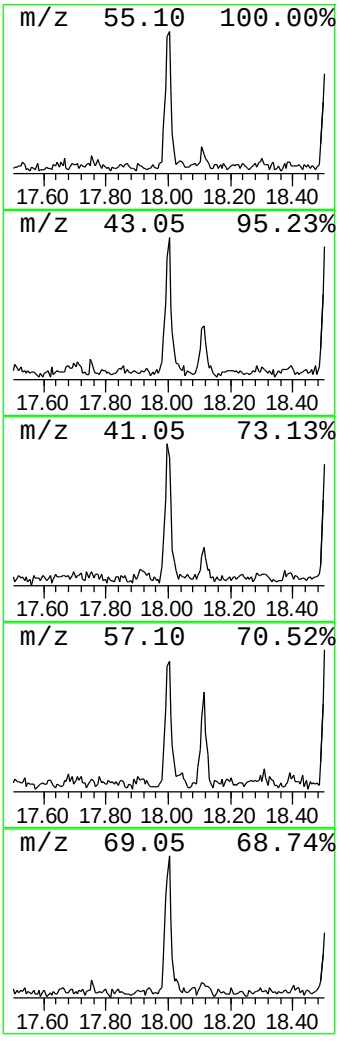
****

Peak Number 2 (DEL) Alkane: Cyclic18.00 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.57 ng/ul	386335	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	96
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	7-Tetradecene, (E)-	196	C14H28	041446-63-3	91
4	Cyclopentadecane	210	C15H30	000295-48-7	91
5	5-Tetradecene, (Z)-	196	C14H28	041446-62-2	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024204.D
Acq On : 6 Oct 2016 18:20
Operator : UM/SJ
Sample : H5080-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNA6

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

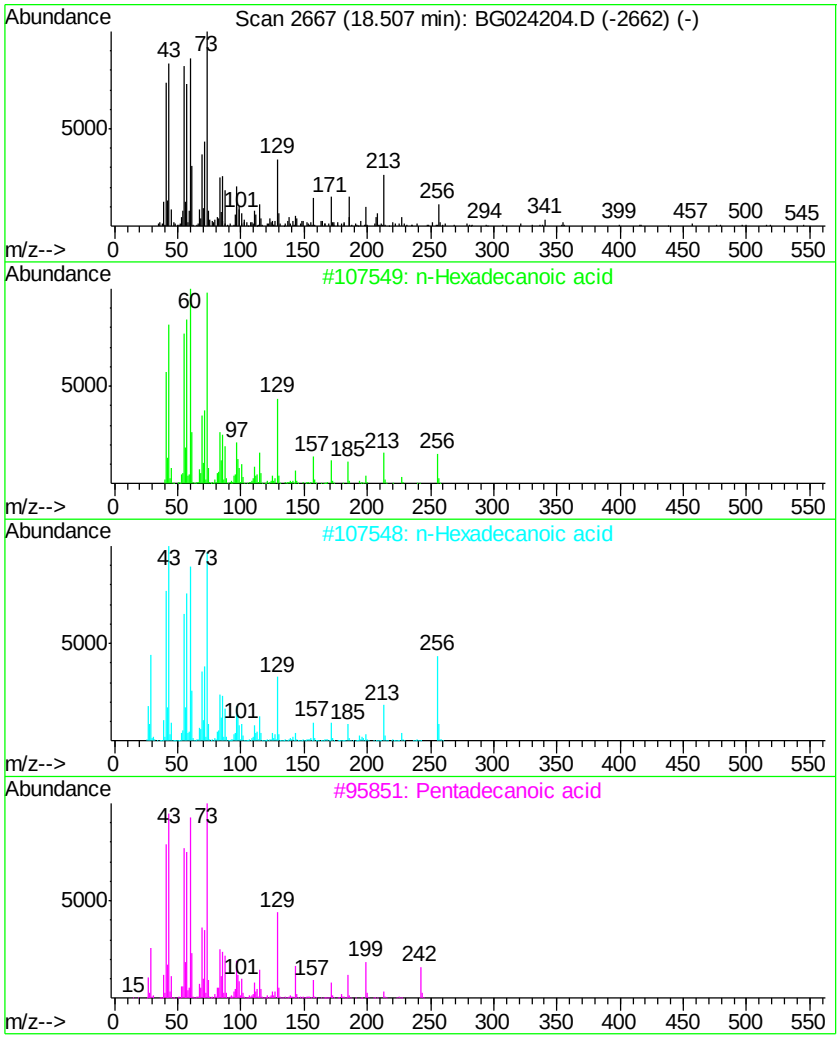
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

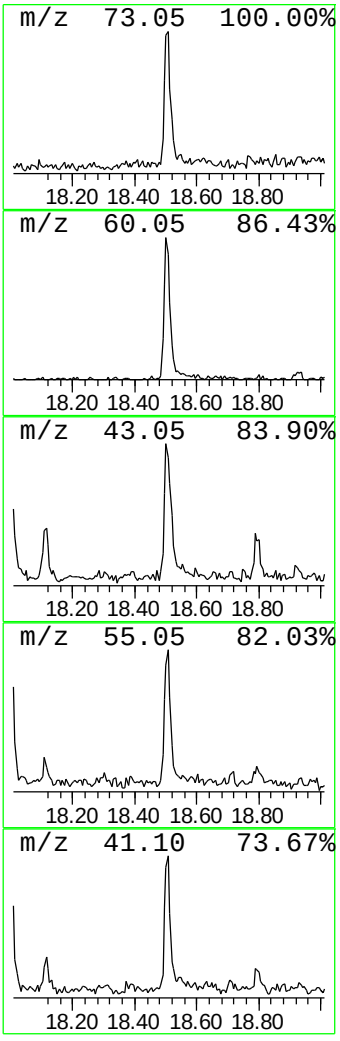
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	3.30 ng/ul	496359	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024204.D
Acq On : 6 Oct 2016 18:20
Operator : UM/SJ
Sample : H5080-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNA6

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

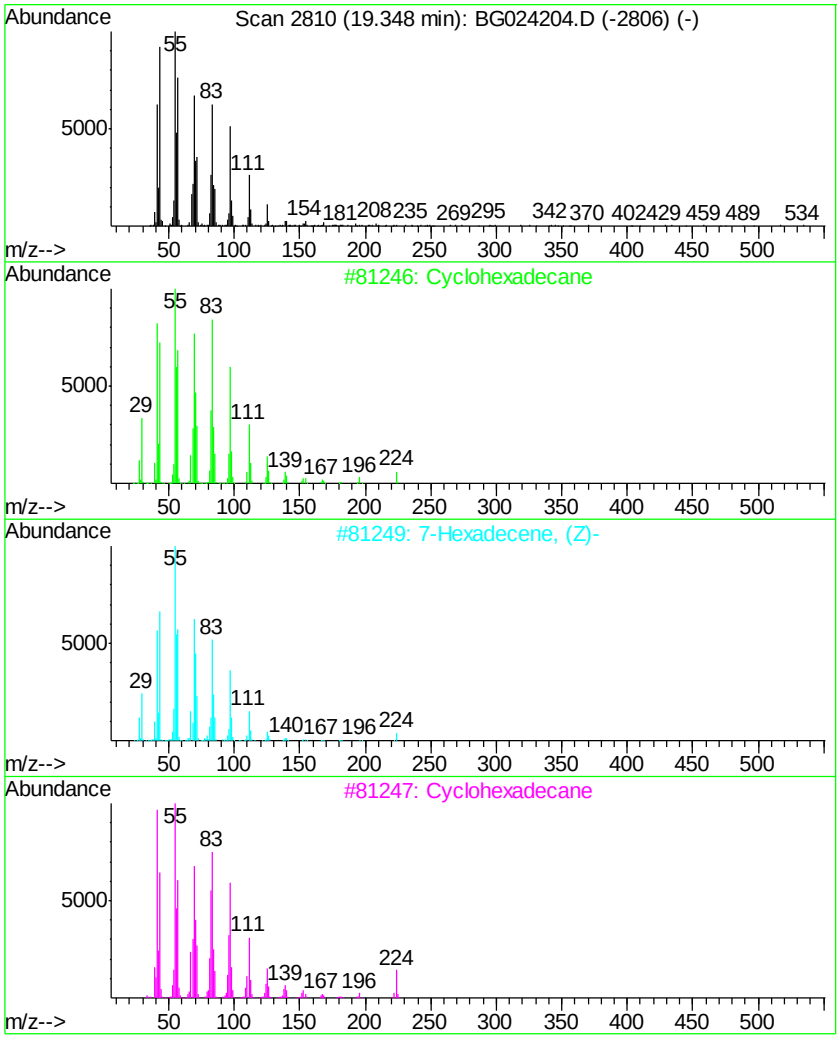
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

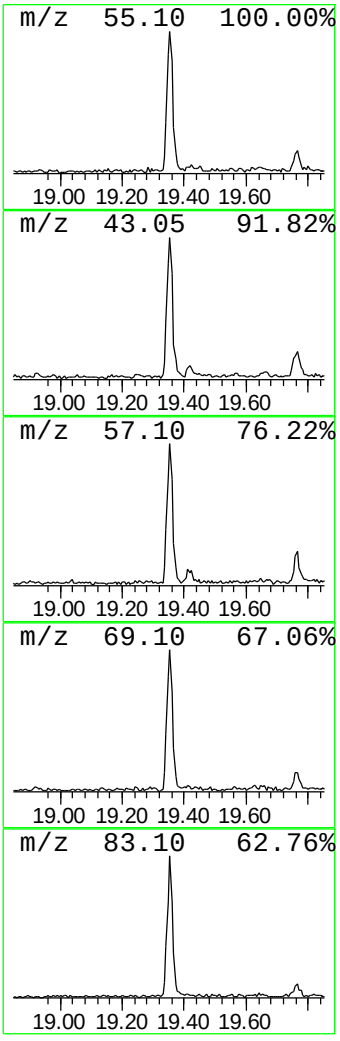
****

Peak Number 4 (DEL) Alkane: Cyclic19.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	6.93 ng/ul	1042180	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	93
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024204.D
Acq On : 6 Oct 2016 18:20
Operator : UM/SJ
Sample : H5080-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNA6

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

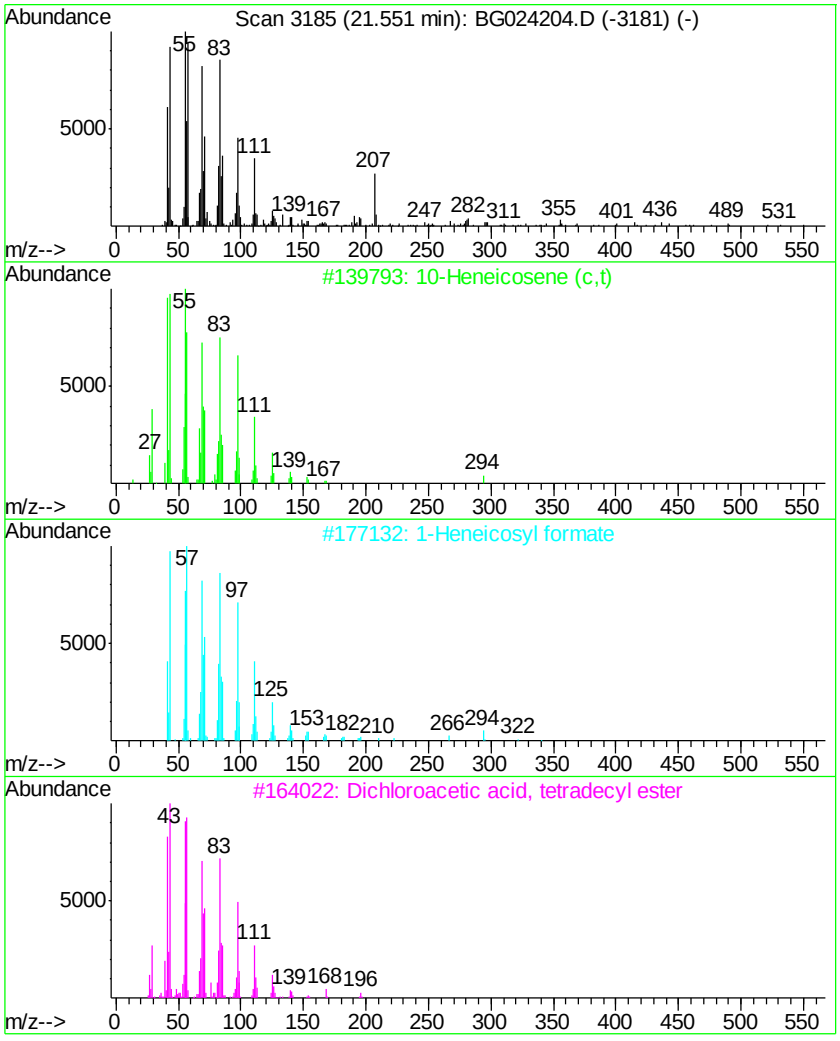
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

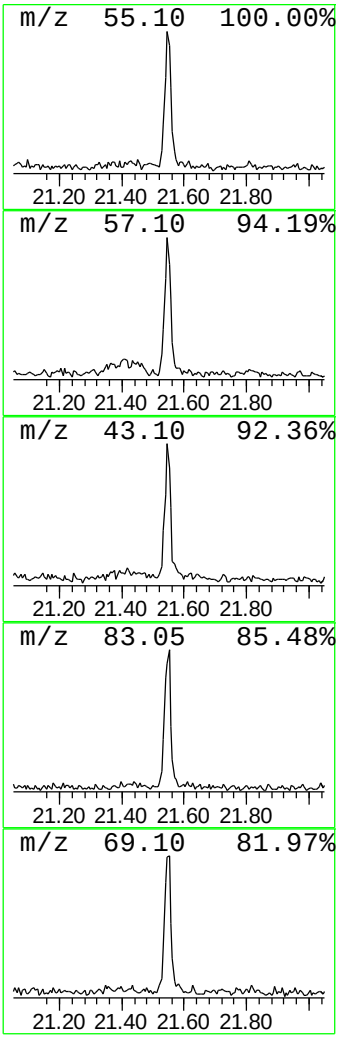
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	3.30 ng/ul	560486	Chrysene-d12	21.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	90
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
3	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	87
4	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	87
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024204.D
Acq On : 6 Oct 2016 18:20
Operator : UM/SJ
Sample : H5080-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDNA6

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
Propylene Glycol	3.93	3.3	ng/ul	184369	1	8.30	1136070	20.0
(DEL) Alkane: Cyc...	18.00	2.6	ng/ul	386335	4	17.66	3006060	20.0
n-Hexadecanoic acid	18.51	3.3	ng/ul	496359	4	17.66	3006060	20.0
(DEL) Alkane: Cyc...	19.35	6.9	ng/ul	1042180	4	17.66	3006060	20.0
(DEL) Alkane: Str...	21.55	3.3	ng/ul	560486	5	21.96	3394160	20.0