LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006201.D
Acq On : 02 Jul 2016 16:19
Operator : UM/SJ
Sample : H3797-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHQ2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM02.2-EPA-BM070216.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	3.422	138	142	153	rBV	329073	422768	6.14%	0.510%
2	6.828	714	721	739	rVB	1370622	2331090	33.87%	2.811%
3	6.987	739	748	760	rBV	1036118	1696856	24.65%	2.046%
4	7.187	774	782	791	rBV	1310424	2193713	31.87%	2.646%
5	7.651	853	861	876	rBV	1155499	1903757	27.66%	2.296%
6	8.357	974	981	998	rVB	1603272	2781694	40.41%	3.355%
7	8.804	1049	1057	1072	rBV	1380342	2310018	33.56%	2.786%
8	9.522	1171	1179	1193	rBV	1184578	2039532	29.63%	2.460%
9	10.057	1262	1270	1283	rBV	1616419	2838208	41.24%	3.423%
10	10.433	1326	1334	1347	rBV	1644927	2900800	42.14%	3.498%
11	10.575	1347	1358	1376	rBV	1582413	2861669	41.58%	3.451%
12	13.716	1885	1892	1896	rBV	2692022	4183532	60.78%	5.045%
13	13.763	1896	1900	1909	rVB	1398308	2037725	29.61%	2.457%
14	13.992	1929	1939	1951	rBV	3204106	5048069	73.34%	6.088%
15	14.304	1985	1992	2003	rVB2	2389327	3961841	57.56%	4.778%
16	14.521	2021	2029	2045	rBV	1396516	2223130	32.30%	2.681%
17	15.163	2134	2138	2144	rVB	56976	77740	1.13%	0.094%
18	15.298	2152	2161	2170	rBV	3882116	5990316	87.03%	7.224%
19	15.433	2177	2184	2194	rBV	1325123	1948383	28.31%	2.350%
20	15.539	2197	2202	2211	rVB2	55512	109861	1.60%	0.132%
21	16.027	2280	2285	2292	rBV	81125	151217	2.20%	0.182%
22	16.815	2415	2419	2426	rBV2	201976	309903	4.50%	0.374%
23	17.051	2453	2459	2467	rBV2	2987850	4528796	65.80%	5.461%
24	17.151	2468	2476	2488	rVV2	4129879	6369147	92.54%	7.681%
25	17.557	2540	2545	2555	rVB	171595	266858	3.88%	0.322%
26	19.086	2801	2805	2809	rBV	51290	70971	1.03%	0.086%
27	19.339	2843	2848	2854	rBV	48139	70479	1.02%	0.085%
28	19.456	2861	2868	2875	rBV	4763595	6882940	100.00%	8.300%
29	20.962	3120	3124	3135	rBV	280996	464919	6.75%	0.561%
30	21.250	3167	3173	3182	rBV	3402159	4488128	65.21%	5.412%
31	22.415	3366	3371	3377	rVB	289473	390319	5.67%	0.471%
32	23.327	3519	3526	3537	rVB2	2691249	5306629	77.10%	6.400%
33	23.468	3543	3550	3560	rVB	2056156	3761203	54.65%	4.536%

LSC Area Percent Report

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Sample : H3797-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHQ2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM02.2-EPA-BM070216.M
Title : SVOA CALIBRATION

Sum of corrected areas: 82922211

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006201.D
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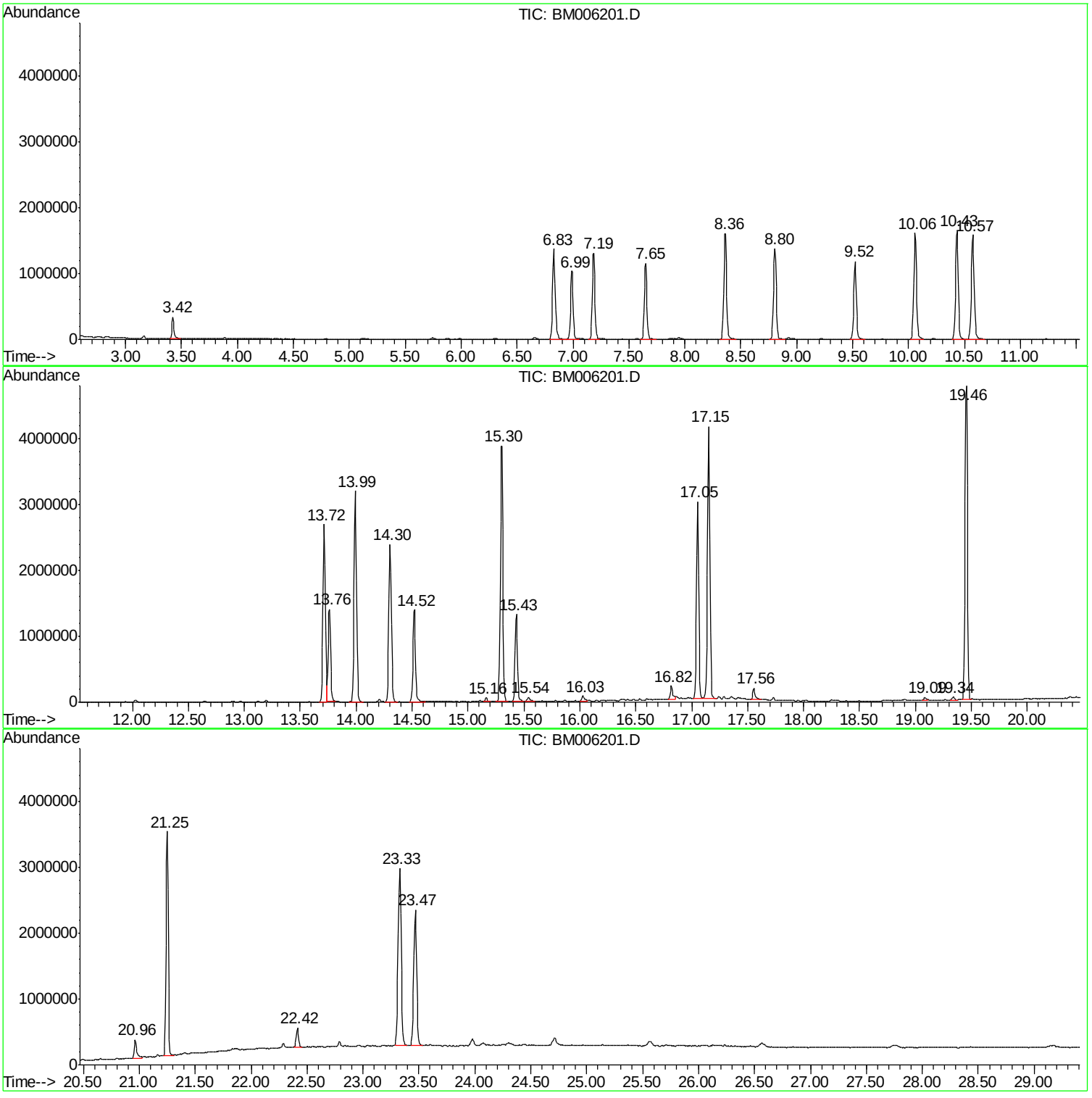
Operator : UM/SJ
Sample : H3797-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHQ2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.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_M\DATA\BM070216\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHQ2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

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

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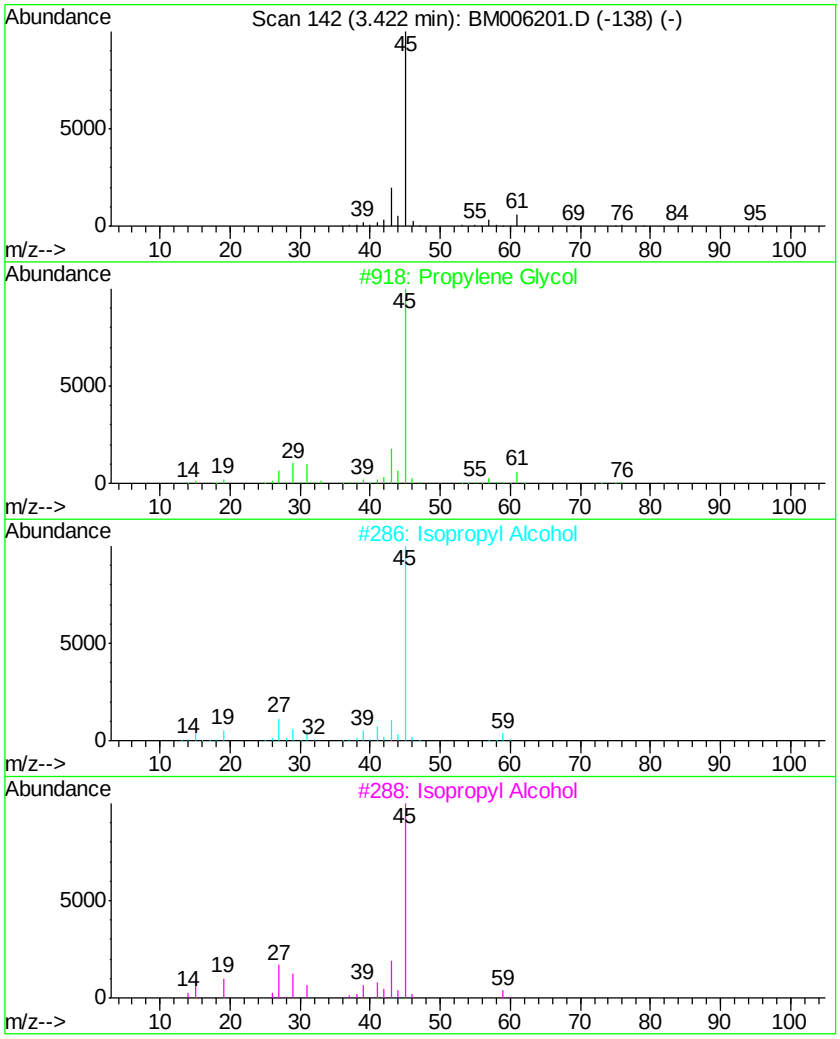
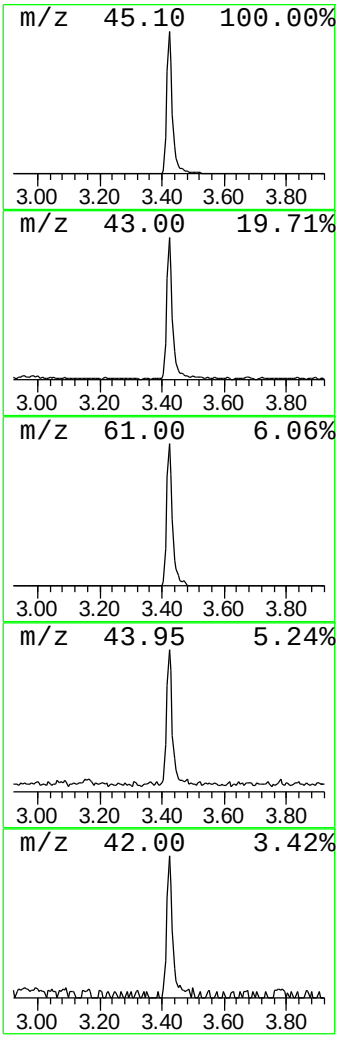
Peak Number 1 Propylene Glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	4.44 ng/ul	422768	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Propylene Glycol	76	C3H8O2	000057-55-6	9
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	9





Library Search Compound Report

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Acq On : 02 Jul 2016 16:19
Operator : UM/SJ
Sample : H3797-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHQ2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

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

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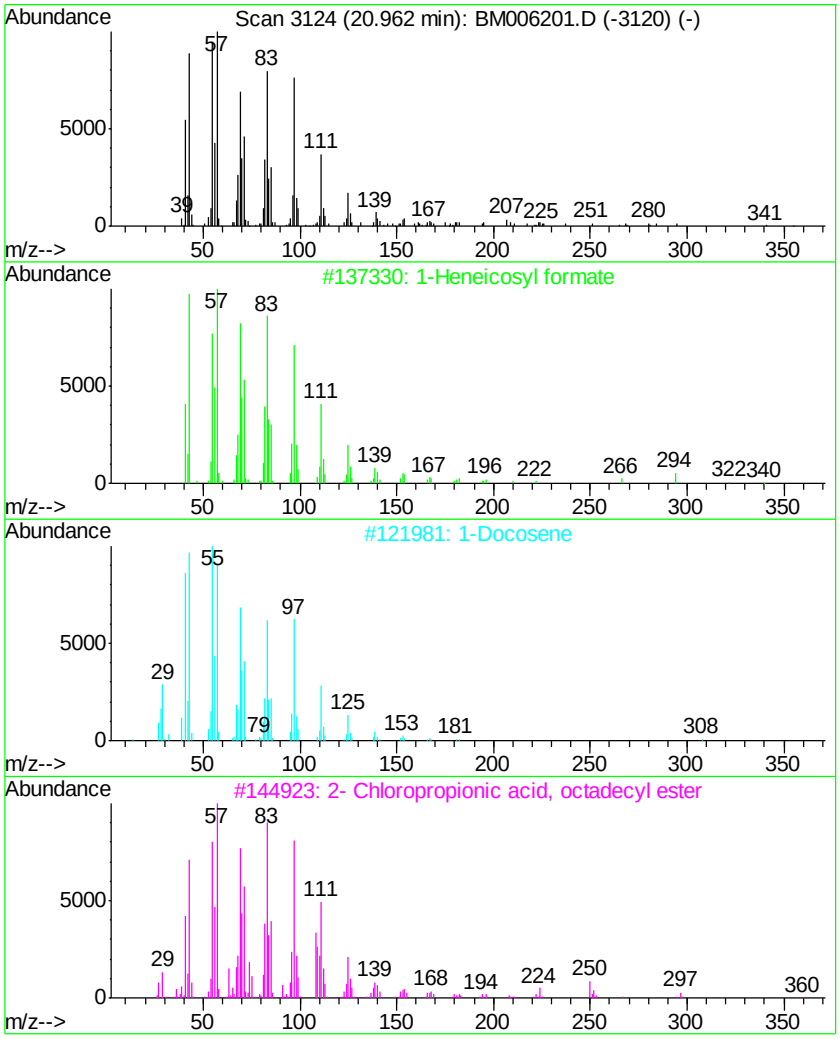
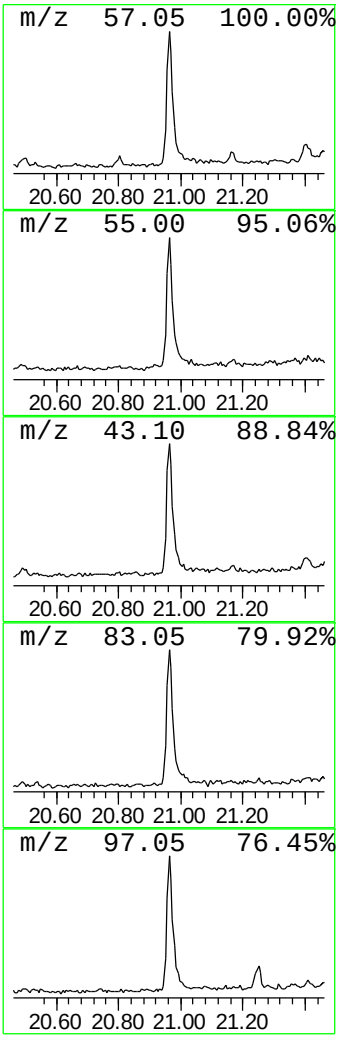
Peak Number 2 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.07 ng/ul	464919	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	1-Docosene	308	C22H44	001599-67-3	94
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	1-Tricosene	322	C23H46	018835-32-0	91





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Operator : UM/SJ
Sample : H3797-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHQ2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

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

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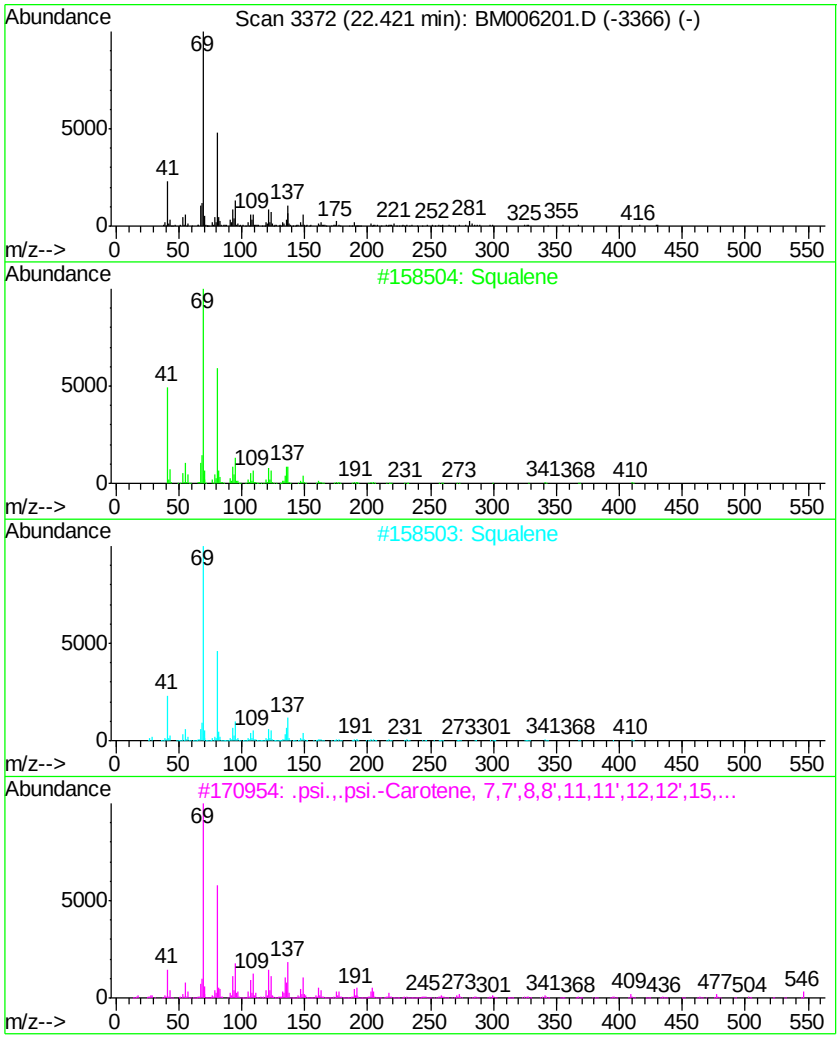
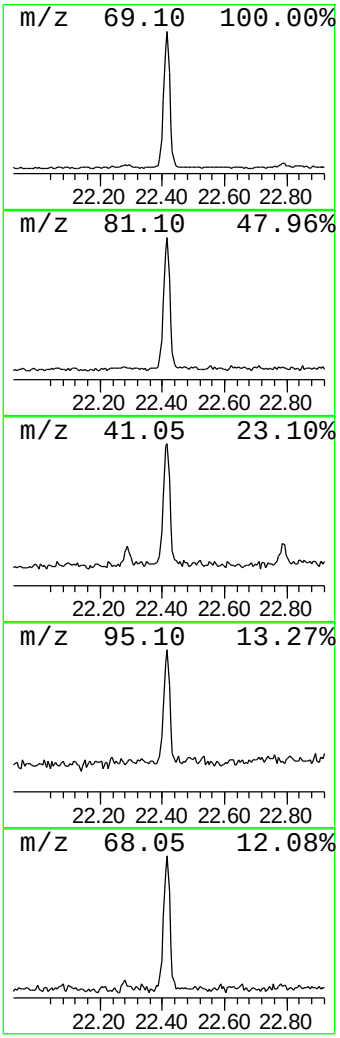
Peak Number 3 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.08 ng/ul	390319	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	007683-64-9	91
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	53





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
Sample : H3797-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHQ2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.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
Propylene Glycol	3.42	4.4	ng/ul	422768	1	7.65	1903760	20.0
1-Heneicosyl formate	20.96	2.1	ng/ul	464919	5	21.25	4488130	20.0
Squalene	22.42	2.1	ng/ul	390319	6	23.47	3761200	20.0