LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006197.D
Acq On : 02 Jul 2016 13:54
Operator : UM/SJ
Sample : H3797-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHP8

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	2.834	36	42	53	rBV	885368	1635727	23.04%	1.655%
2	3.422	138	142	157	rVB	439217	589398	8.30%	0.597%
3	6.828	713	721	740	rBV	1363181	2370279	33.38%	2.399%
4	6.992	741	749	760	rBV	1114166	1764178	24.85%	1.785%
5	7.187	774	782	794	rBV	1444805	2328769	32.80%	2.357%
6	7.569	841	847	854	rBV	37950	72535	1.02%	0.073%
7	7.651	854	861	871	rVV	1254601	2033874	28.65%	2.058%
8	7.939	907	910	920	rVB3	37578	75599	1.06%	0.077%
9	8.363	970	982	999	rBV	1782875	3038882	42.80%	3.076%
10	8.804	1048	1057	1071	rBV	1447822	2484597	34.99%	2.515%
11	8.928	1071	1078	1083	rBV3	36247	73225	1.03%	0.074%
12	9.522	1168	1179	1197	rBV	1261333	2206044	31.07%	2.233%
13	10.057	1262	1270	1290	rBV	1708483	3136201	44.17%	3.174%
14	10.433	1324	1334	1346	rBV	1850854	3149206	44.35%	3.187%
15	10.575	1350	1358	1376	rBV	1606714	2931147	41.28%	2.967%
16	13.198	1798	1804	1814	rBV2	49647	99584	1.40%	0.101%
17	13.716	1884	1892	1896	rBV	3158229	4685391	65.99%	4.742%
18	13.763	1896	1900	1909	rVB	1927166	2747276	38.69%	2.780%
19	13.998	1929	1940	1952	rVB	3441819	5573609	78.50%	5.641%
20	14.304	1985	1992	2002	rVV2	2611691	4239633	59.71%	4.291%
21	14.521	2022	2029	2044	rBV	1403010	2191506	30.87%	2.218%
22	15.162	2134	2138	2145	rVB	64929	82435	1.16%	0.083%
23	15.304	2155	2162	2170	rBV	4163947	6471390	91.15%	6.550%
24	15.433	2178	2184	2197	rBV	1520225	2162821	30.46%	2.189%
25	15.539	2197	2202	2207	rBV	60145	103200	1.45%	0.104%
26	16.021	2280	2284	2292	rBV	95001	177899	2.51%	0.180%
27	16.815	2415	2419	2426	rBV2	195022	310134	4.37%	0.314%
28	17.056	2453	2460	2468	rBV2	2872047	4317015	60.80%	4.369%
29	17.156	2468	2477	2486	rVB2	3984303	6325438	89.09%	6.402%
30	17.556	2541	2545	2555	rVB	202583	301287	4.24%	0.305%
31	17.727	2570	2574	2581	rVB	65692	100852	1.42%	0.102%
32	18.433	2688	2694	2701	rVB2	112975	160361	2.26%	0.162%
33	18.886	2767	2771	2778	rBV	127256	209872	2.96%	0.212%
34	19.086	2801	2805	2812	rBV	57186	100101	1.41%	0.101%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006197.D
Acq On : 02 Jul 2016 13:54
Operator : UM/SJ
Sample : H3797-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHP8

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

35	19.339	2844	2848	2854	rVB	54487	73929	1.04%	0.075%
36	19.456	2861	2868	2874	rBV2	4710135	7100083	100.00%	7.186%
37	20.003	2958	2961	2967	rVB	219888	260393	3.67%	0.264%
38	20.562	3052	3056	3061	rVB2	82093	117552	1.66%	0.119%
39	20.656	3067	3072	3076	rBV	357790	467393	6.58%	0.473%
40	20.697	3076	3079	3082	rVB3	68582	75054	1.06%	0.076%
41	20.850	3101	3105	3109	rBV	217082	273868	3.86%	0.277%
42	20.892	3109	3112	3117	rVB4	79298	104660	1.47%	0.106%
43	20.962	3120	3124	3127	rBV	908519	1272231	17.92%	1.288%
44	20.991	3127	3129	3134	rVV	814025	865959	12.20%	0.876%
45	21.039	3134	3137	3143	rVB	208647	251091	3.54%	0.254%
46	21.203	3162	3165	3168	rBV3	67719	83297	1.17%	0.084%
47	21.250	3168	3173	3178	rVV	3705314	4764798	67.11%	4.822%
48	21.315	3180	3184	3189	rVB2	316285	399522	5.63%	0.404%
49	21.850	3269	3275	3283	rBV2	555523	971088	13.68%	0.983%
50	21.921	3284	3287	3292	rVB	214573	264343	3.72%	0.268%
51	22.286	3346	3349	3352	rVB	88615	104997	1.48%	0.106%
52	22.415	3366	3371	3384	rVB	461331	719140	10.13%	0.728%
53	22.785	3430	3434	3438	rBV	351326	504513	7.11%	0.511%
54	22.838	3439	3443	3451	rVB	260219	466095	6.56%	0.472%
55	23.327	3519	3526	3536	rVB2	2780039	5537359	77.99%	5.604%
56	23.468	3543	3550	3565	rVB	1941591	3942607	55.53%	3.990%
57	23.980	3633	3637	3644	rVB2	173113	324237	4.57%	0.328%
58	27.362	4204	4212	4226	rVB5	485728	1612680	22.71%	1.632%

Sum of corrected areas: 98806354

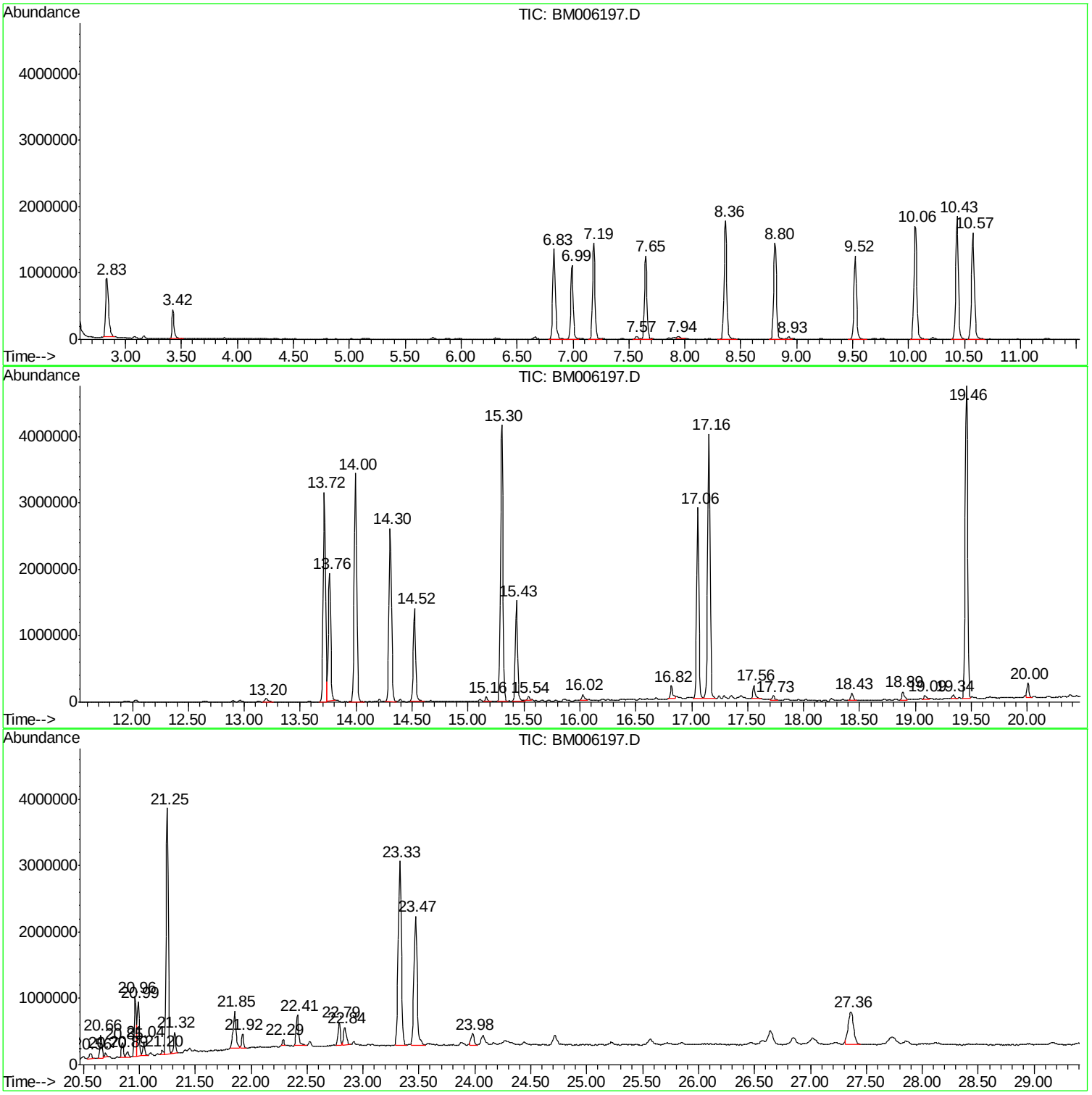
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006197.D
Acq On : 02 Jul 2016 13:54
Operator : UM/SJ
Sample : H3797-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHP8

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\
Data File : BM006197.D
Acq On : 02 Jul 2016 13:54
Operator : UM/SJ
Sample : H3797-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHP8

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

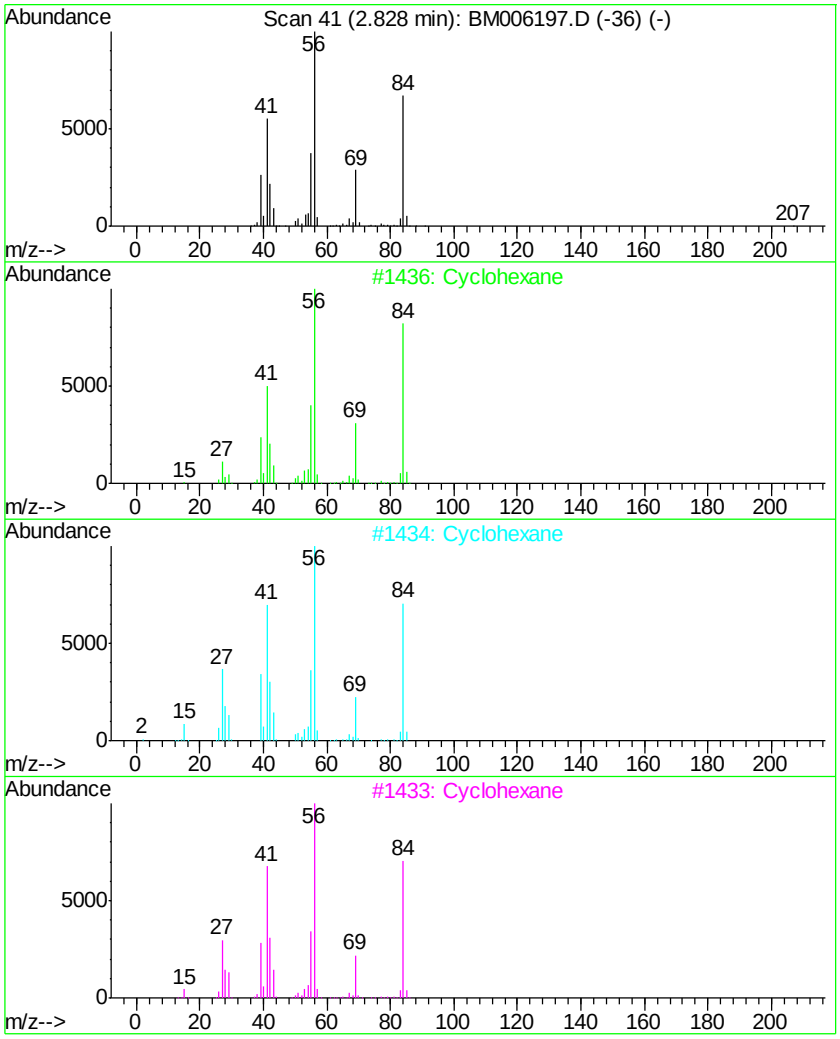
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

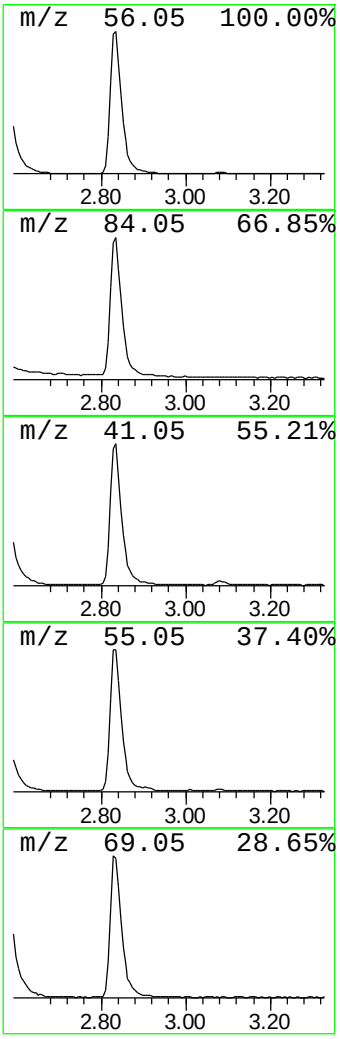
****

Peak Number 1 (DEL) Alkane: Cyclic2.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	16.08 ng/ul	1635730	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	95
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	91
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006197.D
Acq On : 02 Jul 2016 13:54
Operator : UM/SJ
Sample : H3797-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHP8

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

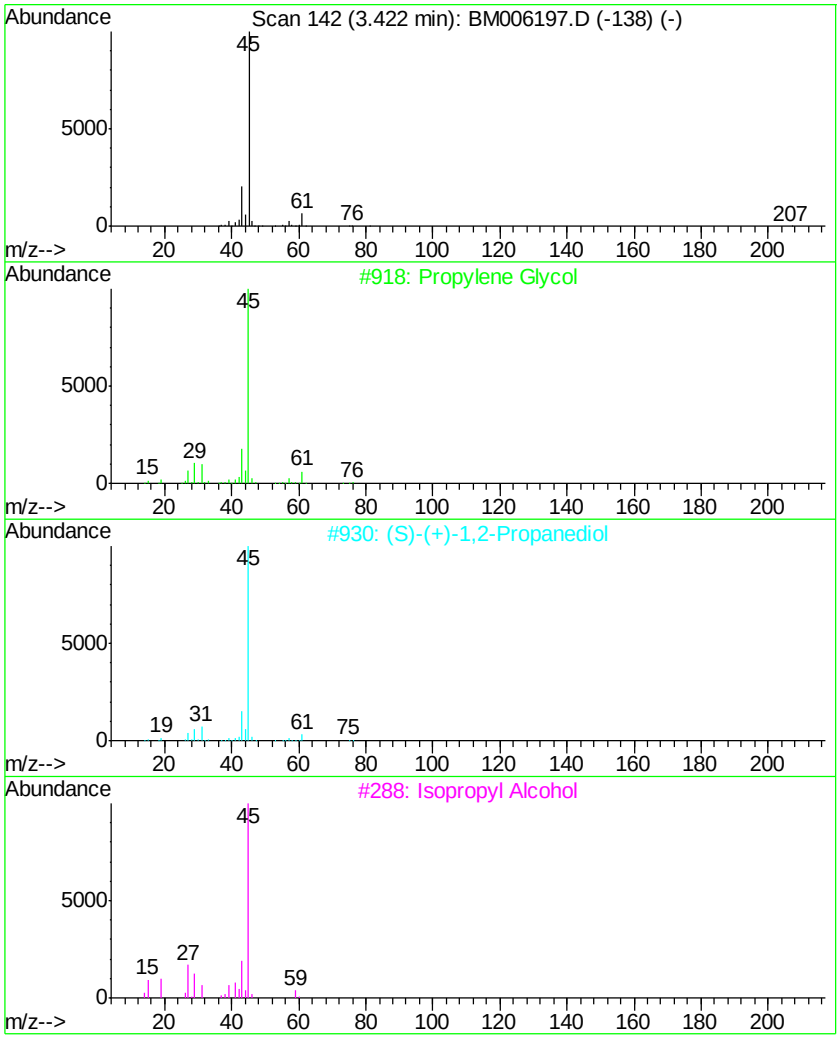
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

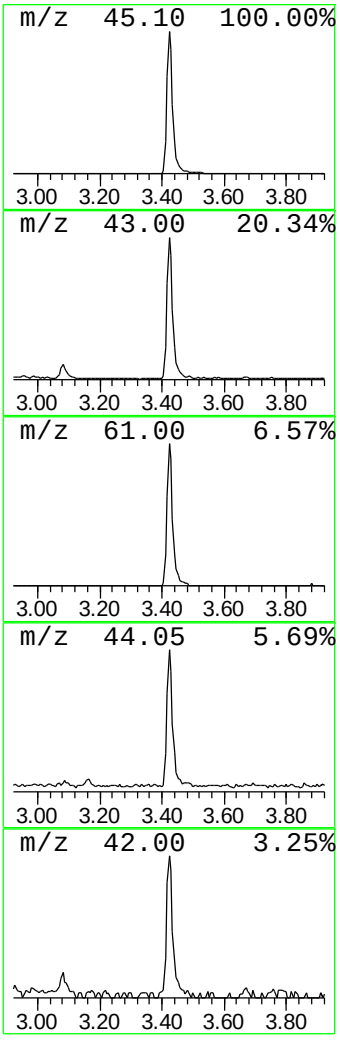
****

Peak Number 2 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	5.80 ng/ul	589398	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006197.D
Acq On : 02 Jul 2016 13:54
Operator : UM/SJ
Sample : H3797-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHP8

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

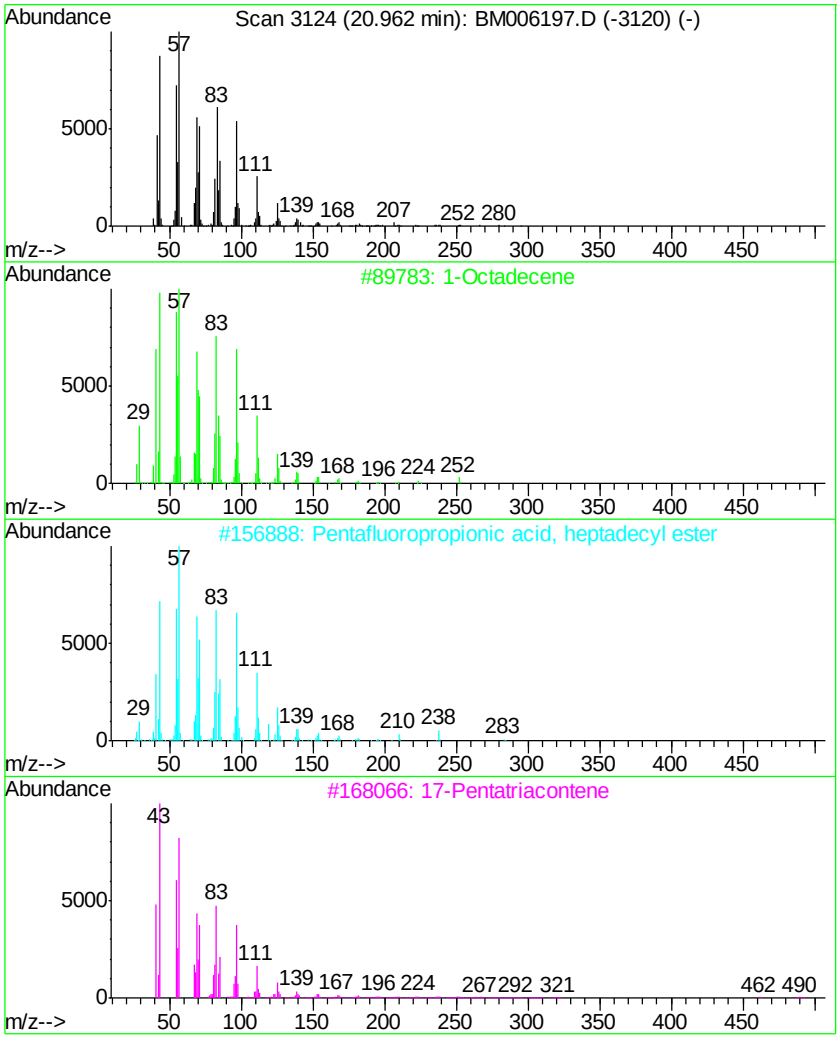
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

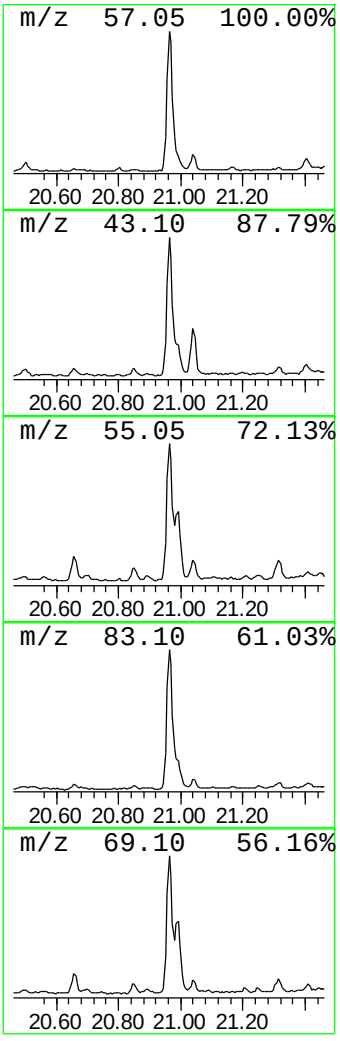
****

Peak Number 3 (DEL) Alkane: Cyclic20.96 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	5.34 ng/ul	1272230	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	93
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006197.D
Acq On : 02 Jul 2016 13:54
Operator : UM/SJ
Sample : H3797-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHP8

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

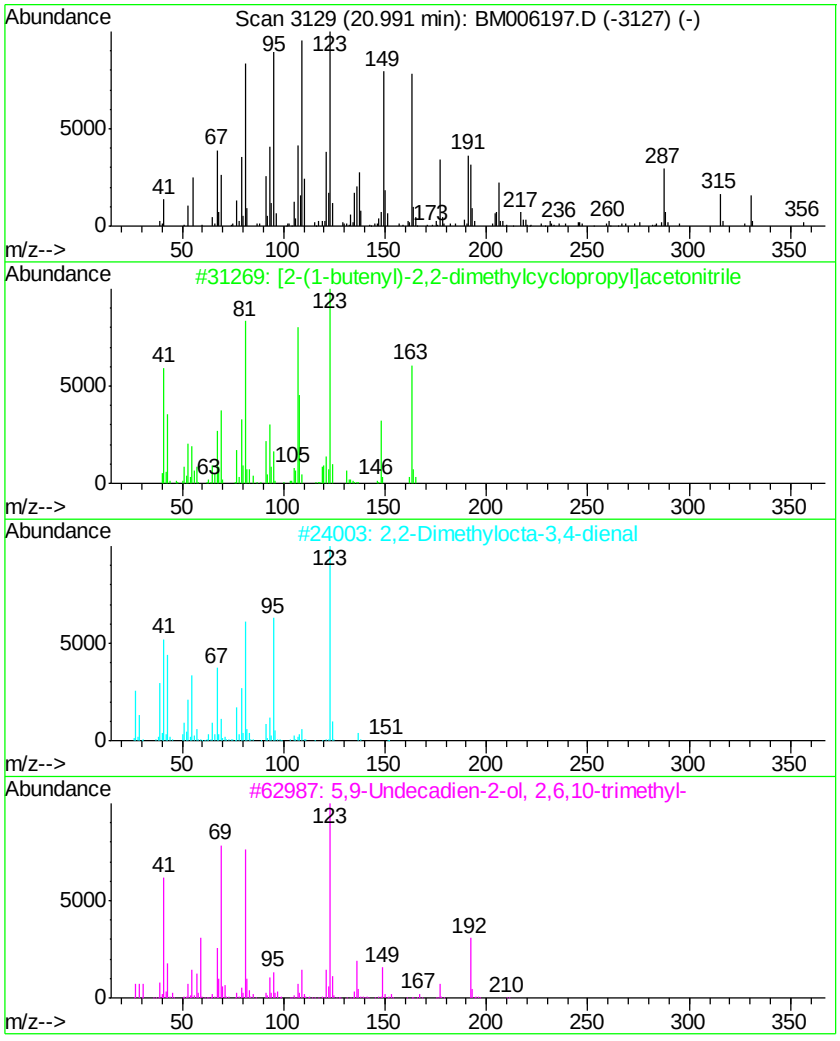
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

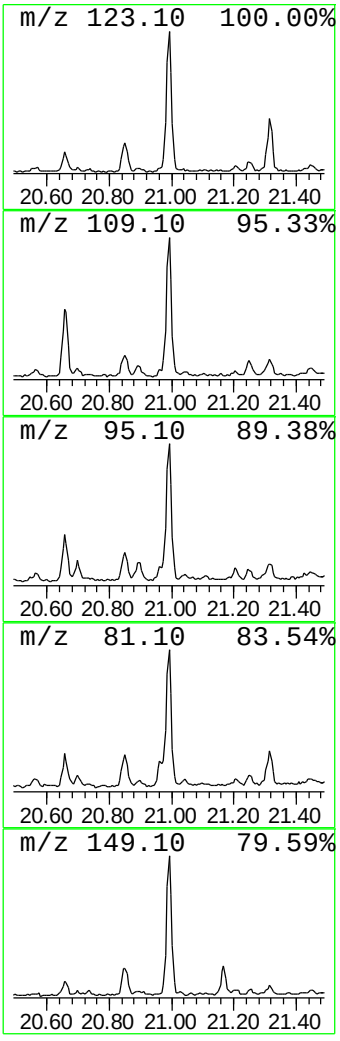
****

Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.63 ng/ul	865959	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[2-(1-butenyl)-2,2-dimethylcyclo...	163	C11H17N	1000111-15-4	38
2	2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	27
3	5,9-Undecadien-2-ol, 2,6,10-trim...	210	C14H26O	021980-62-1	25
4	1,2-Dithiolane-3-pentanoic acid	206	C8H14O2S2	000062-46-4	22
5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	22





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006197.D
Acq On : 02 Jul 2016 13:54
Operator : UM/SJ
Sample : H3797-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHP8

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

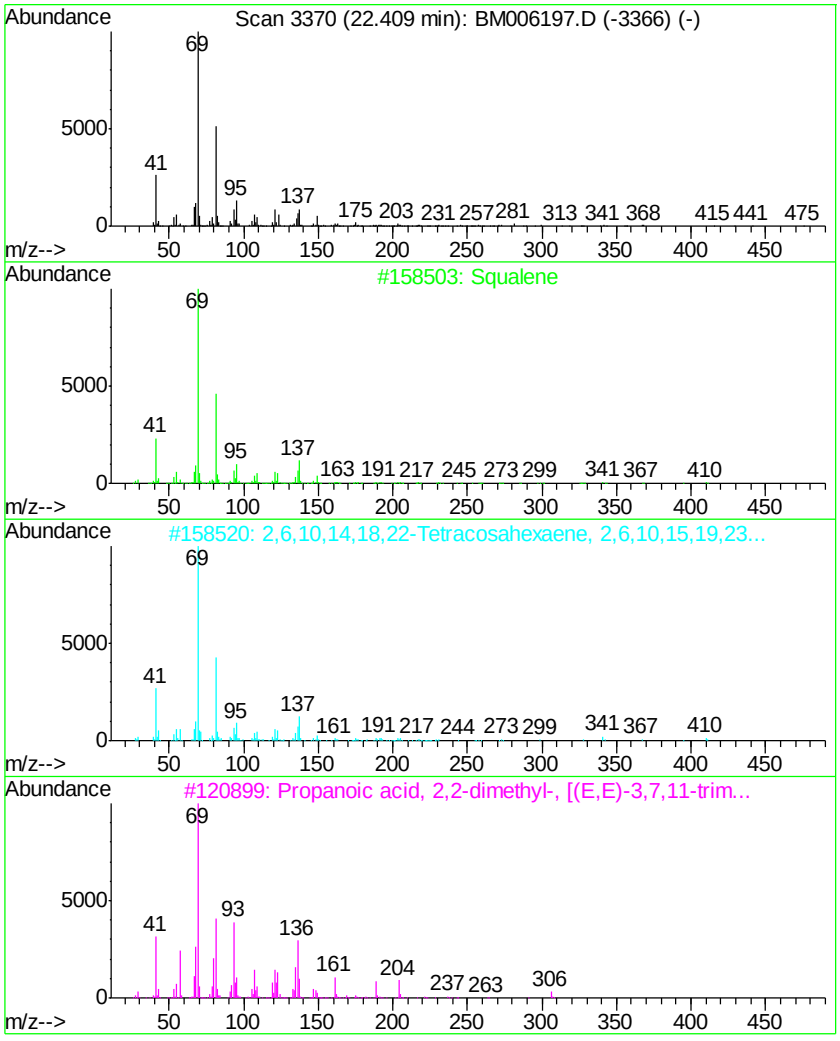
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

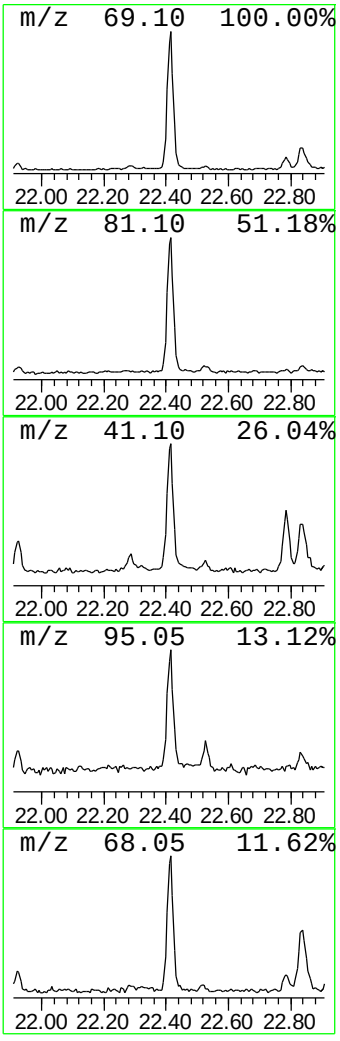
****

Peak Number 6 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	3.65 ng/ul	719140	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	78
3	Propanoic acid, 2,2-dimethyl-, [...	306	C20H34O2	1000164-38-8	72
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006197.D
Acq On : 02 Jul 2016 13:54
Operator : UM/SJ
Sample : H3797-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHP8

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

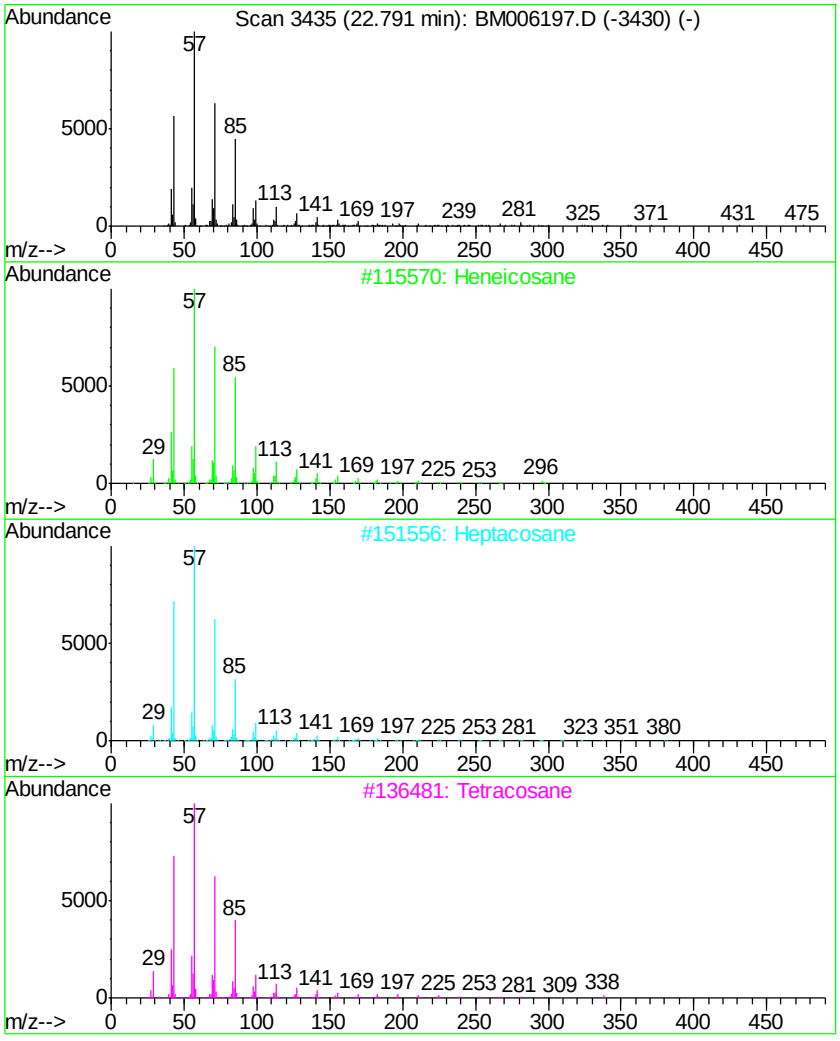
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

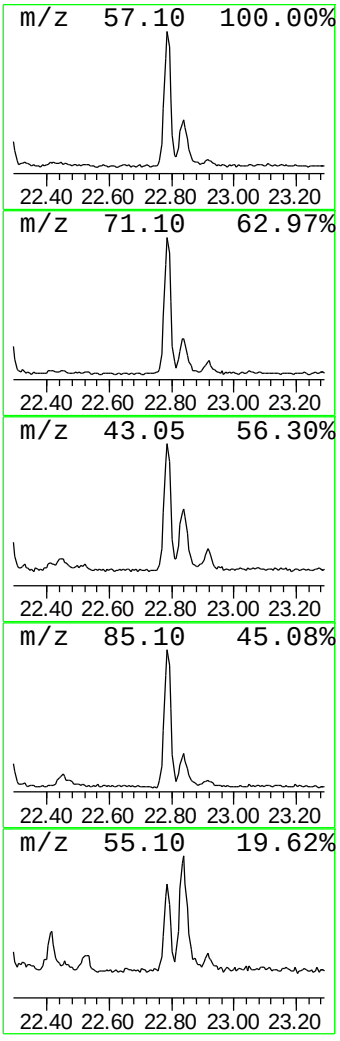
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.56 ng/ul	504513	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Pentacosane	352	C25H52	000629-99-2	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006197.D
Acq On : 02 Jul 2016 13:54
Operator : UM/SJ
Sample : H3797-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHP8

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

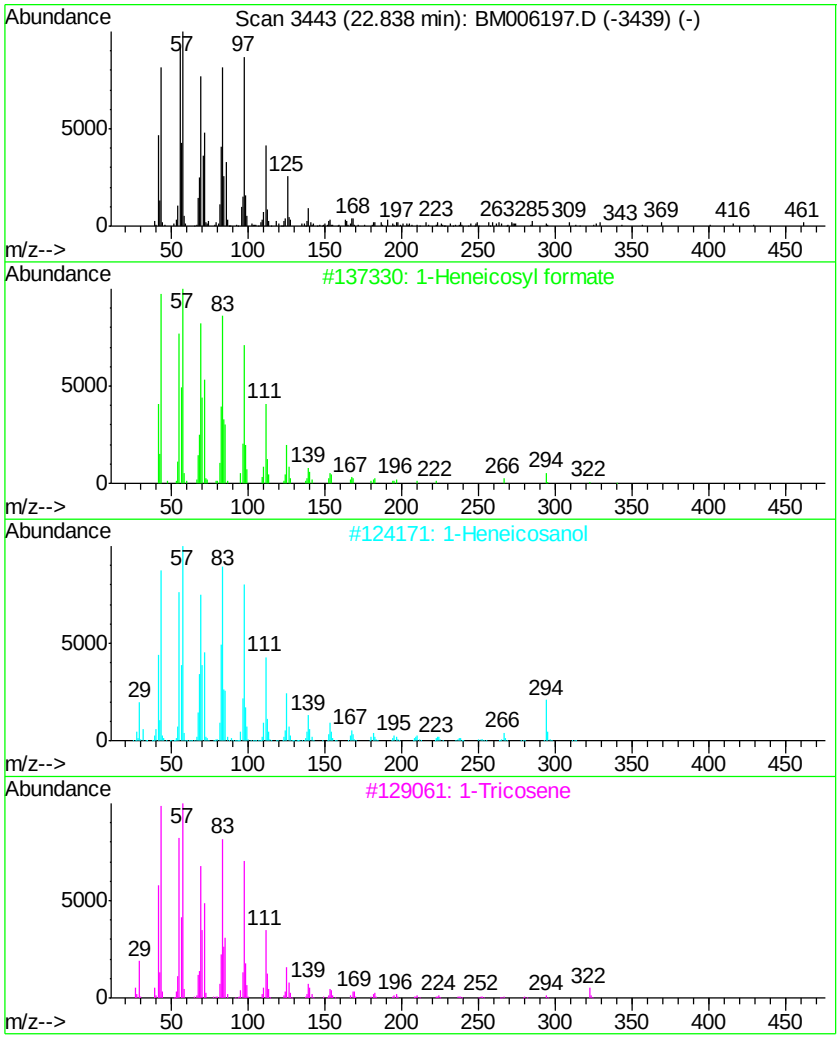
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

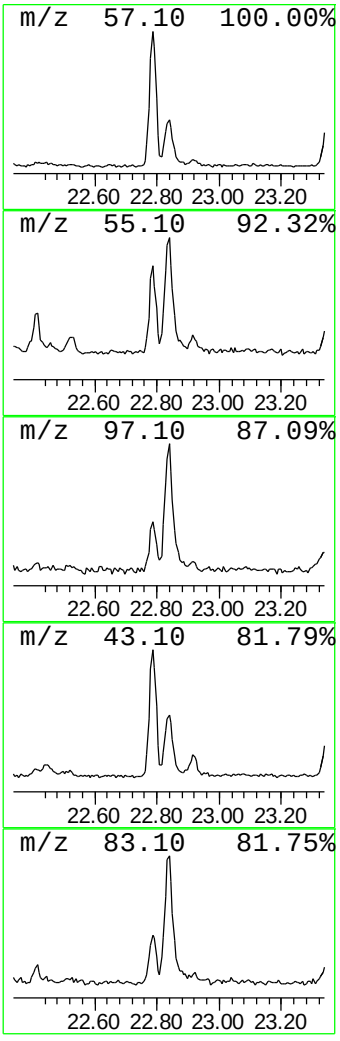
****

Peak Number 8 1-Heneicosyl formate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.36 ng/ul	466095	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
2	1-Heneicosanol	312	C21H44O	015594-90-8	87
3	1-Tricosene	322	C23H46	018835-32-0	76
4	1-Octadecanol	270	C18H38O	000112-92-5	74
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006197.D
Acq On : 02 Jul 2016 13:54
Operator : UM/SJ
Sample : H3797-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHP8

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

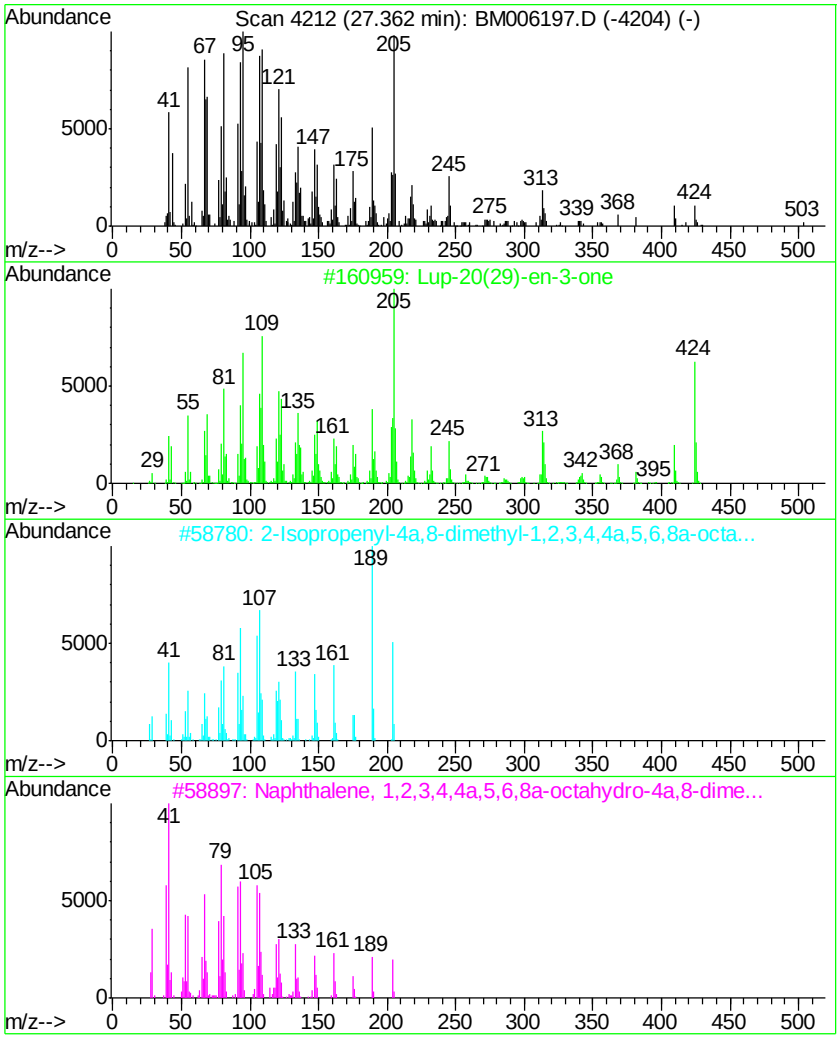
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

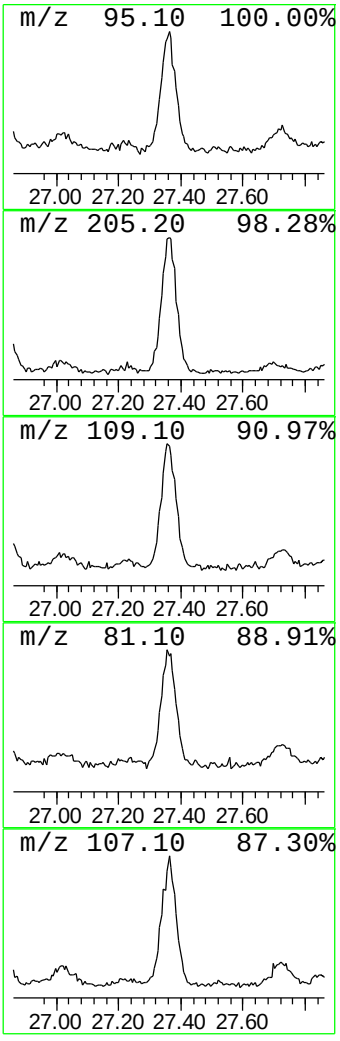
****

Peak Number 9 Lup-20(29)-en-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.36	8.18 ng/ul	1612680	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	55
2	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	51
3	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	51
4	2,6,6,9,2',6',6',9'-Octamethyl-[...	410	C30H50	1000189-48-2	46
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006197.D
Acq On : 02 Jul 2016 13:54
Operator : UM/SJ
Sample : H3797-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHP8

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
(DEL) Alkane: Cyc...	2.83	16.1	ng/ul	1635730	1	7.65	2033870	20.0
Propylene Glycol	3.42	5.8	ng/ul	589398	1	7.65	2033870	20.0
(DEL) Alkane: Cyc...	20.96	5.3	ng/ul	1272230	5	21.25	4764800	20.0
unknown-01	20.99	3.6	ng/ul	865959	5	21.25	4764800	20.0
Squalene	22.41	3.6	ng/ul	719140	6	23.47	3942610	20.0
(DEL) Alkane: Str...	22.79	2.6	ng/ul	504513	6	23.47	3942610	20.0
1-Heneicosyl formate	22.84	2.4	ng/ul	466095	6	23.47	3942610	20.0
Lup-20(29)-en-3-one	27.36	8.2	ng/ul	1612680	6	23.47	3942610	20.0