LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006204.D
Acq On : 02 Jul 2016 18:07
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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	154	rBV	273724	364337	5.73%	0.396%
2	6.828	710	721	736	rBV	1106153	1885656	29.65%	2.050%
3	6.987	741	748	760	rBV	864386	1373667	21.60%	1.493%
4	7.181	773	781	792	rBV	1085164	1814920	28.54%	1.973%
5	7.651	854	861	869	rBV	1199417	2000175	31.46%	2.174%
6	8.357	974	981	998	rVB	1416283	2391854	37.61%	2.600%
7	8.804	1049	1057	1071	rBV	1132766	1923305	30.25%	2.091%
8	9.522	1172	1179	1191	rBV	999826	1692307	26.61%	1.840%
9	10.057	1263	1270	1286	rBV	1363851	2429011	38.20%	2.641%
10	10.433	1325	1334	1349	rBV	1758189	3144611	49.45%	3.419%
11	10.575	1349	1358	1374	rBV	1284183	2336947	36.75%	2.541%
12	13.710	1884	1891	1896	rBV	2279098	3587451	56.42%	3.900%
13	13.757	1896	1899	1909	rVB	1170277	1728358	27.18%	1.879%
14	13.992	1928	1939	1949	rBV	2730229	4298201	67.59%	4.673%
15	14.304	1984	1992	2003	rVB2	2557333	4198521	66.03%	4.564%
16	14.515	2022	2028	2043	rBV	1116988	1814609	28.54%	1.973%
17	15.162	2134	2138	2144	rVB	61066	83349	1.31%	0.091%
18	15.298	2154	2161	2169	rBV	3444720	5195345	81.70%	5.648%
19	15.433	2178	2184	2197	rBV	1195162	1771153	27.85%	1.925%
20	15.539	2197	2202	2206	rBV2	46791	78887	1.24%	0.086%
21	16.027	2280	2285	2292	rBV	76951	142495	2.24%	0.155%
22	16.815	2414	2419	2425	rBV2	199326	322893	5.08%	0.351%
23	17.051	2453	2459	2468	rBV2	3332588	4960101	78.00%	5.392%
24	17.151	2468	2476	2487	rVB2	3813967	5668147	89.14%	6.162%
25	17.292	2496	2500	2506	rBV2	41167	68642	1.08%	0.075%
26	17.551	2540	2544	2555	rVB	177623	266697	4.19%	0.290%
27	18.886	2766	2771	2781	rBV	524224	662896	10.42%	0.721%
28	19.086	2801	2805	2811	rBV	47050	65318	1.03%	0.071%
29	19.450	2861	2867	2874	rBV	4392546	6358831	100.00%	6.913%
30	19.792	2920	2925	2931	rBV	98164	133917	2.11%	0.146%
31	20.003	2957	2961	2967	rVB	578208	669613	10.53%	0.728%
32	20.497	3040	3045	3049	rBV2	53170	88601	1.39%	0.096%
33	20.656	3067	3072	3076	rBV6	62893	97509	1.53%	0.106%
34	20.850	3100	3105	3108	rBV	197389	261274	4.11%	0.284%

LSC Area Percent Report

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Acq On : 02 Jul 2016 18:07
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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	20.892	3109	3112	3116	rVB3	67003	71697	1.13%	0.078%
36	20.962	3119	3124	3127	rBV	1602593	2199101	34.58%	2.391%
37	20.986	3127	3128	3134	rVB	738556	738334	11.61%	0.803%
38	21.097	3143	3147	3152	rBV2	66393	88433	1.39%	0.096%
39	21.203	3162	3165	3167	rBV3	60026	68535	1.08%	0.075%
40	21.244	3167	3172	3180	rVB	4041313	5546484	87.22%	6.030%
41	21.409	3197	3200	3206	rVB4	56294	72479	1.14%	0.079%
42	21.850	3268	3275	3286	rBV	996317	1668035	26.23%	1.813%
43	22.286	3345	3349	3353	rBV2	132043	184810	2.91%	0.201%
44	22.409	3366	3370	3377	rVB	265186	378001	5.94%	0.411%
45	22.785	3430	3434	3438	rBV	274251	371188	5.84%	0.404%
46	22.833	3438	3442	3453	rVB	283777	513560	8.08%	0.558%
47	23.327	3518	3526	3536	rVB2	2536330	5109195	80.35%	5.554%
48	23.468	3542	3550	3556	rBV	2252368	4440764	69.84%	4.828%
49	23.974	3631	3636	3645	rVB	302371	613831	9.65%	0.667%
50	24.068	3648	3652	3664	rVB2	196583	436410	6.86%	0.474%
51	24.715	3757	3762	3768	rVB3	153935	327518	5.15%	0.356%
52	26.644	4081	4090	4102	rVB3	748289	2464010	38.75%	2.679%
53	27.356	4202	4211	4224	rVB2	857574	2812093	44.22%	3.057%

Sum of corrected areas: 91984076

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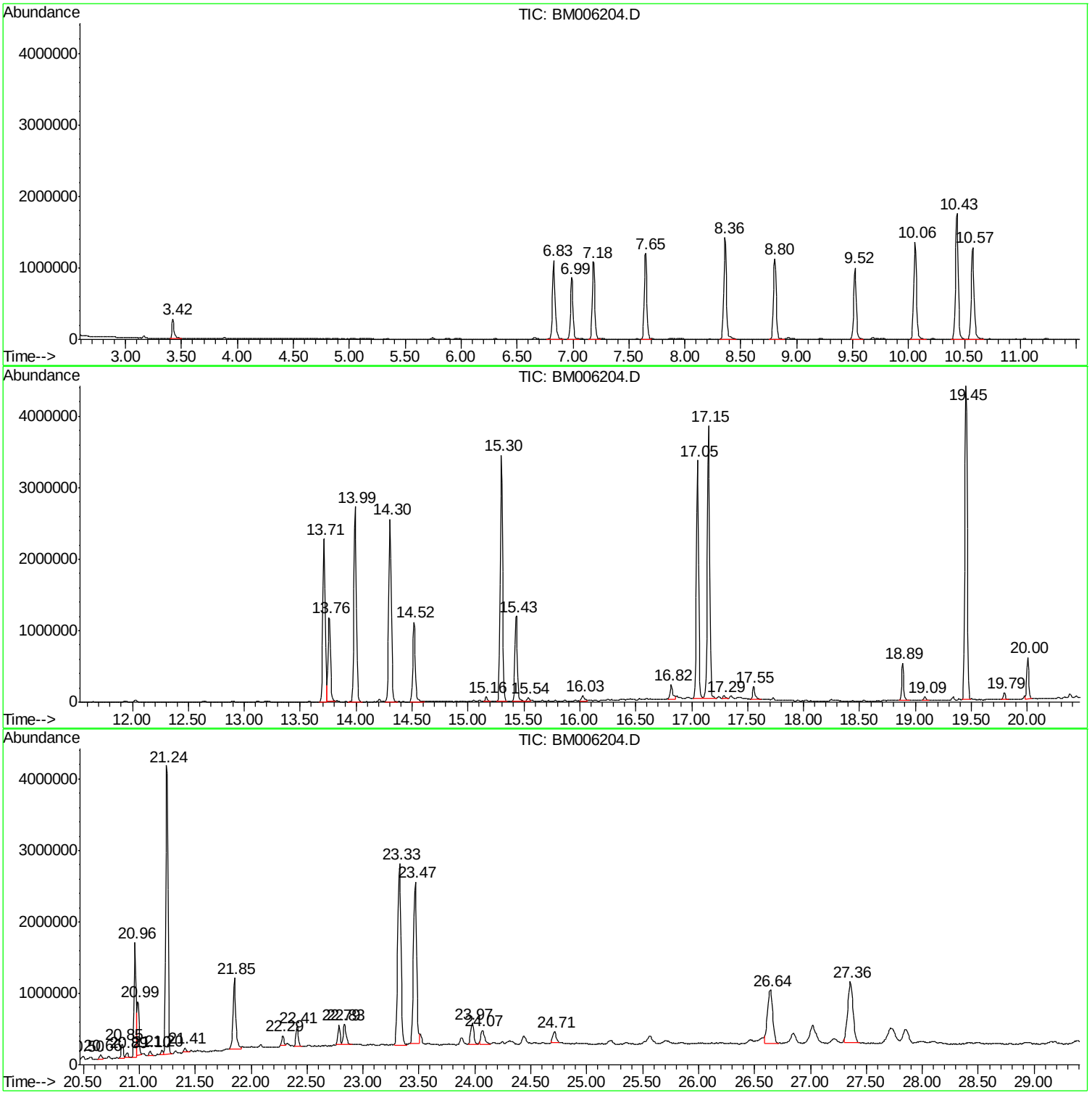
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDHR0

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 : BM006204.D
Acq On : 02 Jul 2016 18:07
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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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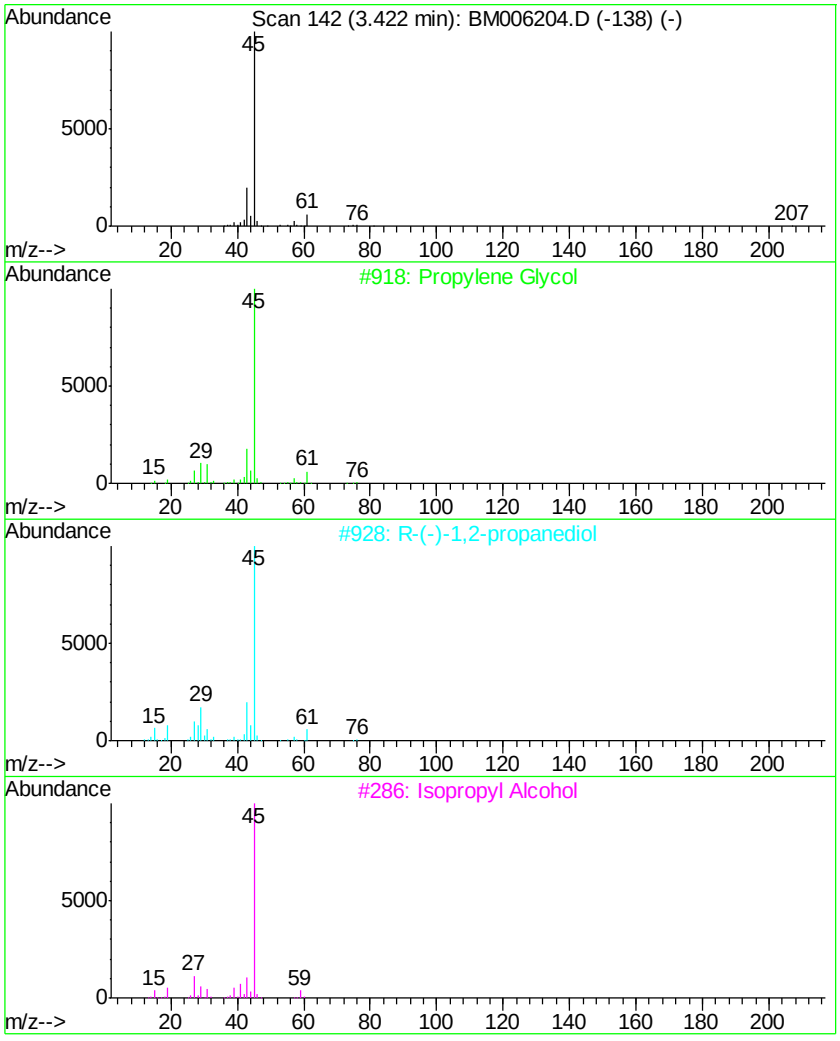
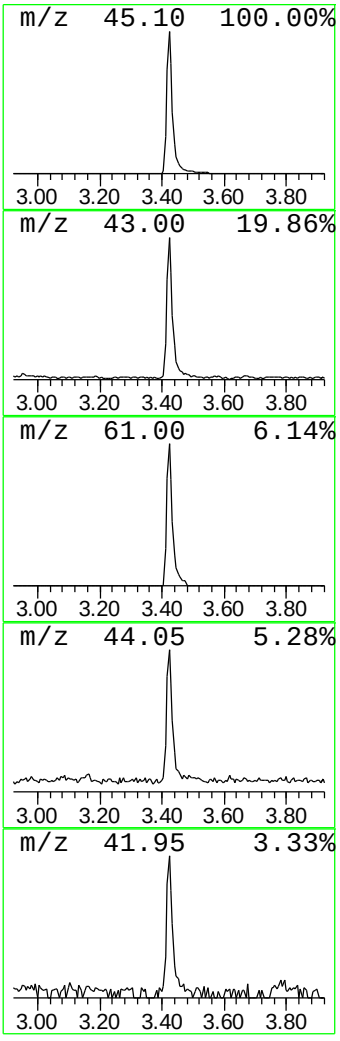
Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	3.64 ng/ul	364337	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	43
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9
5	Propylene Glycol	76	C3H8O2	000057-55-6	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006204.D
Acq On : 02 Jul 2016 18:07
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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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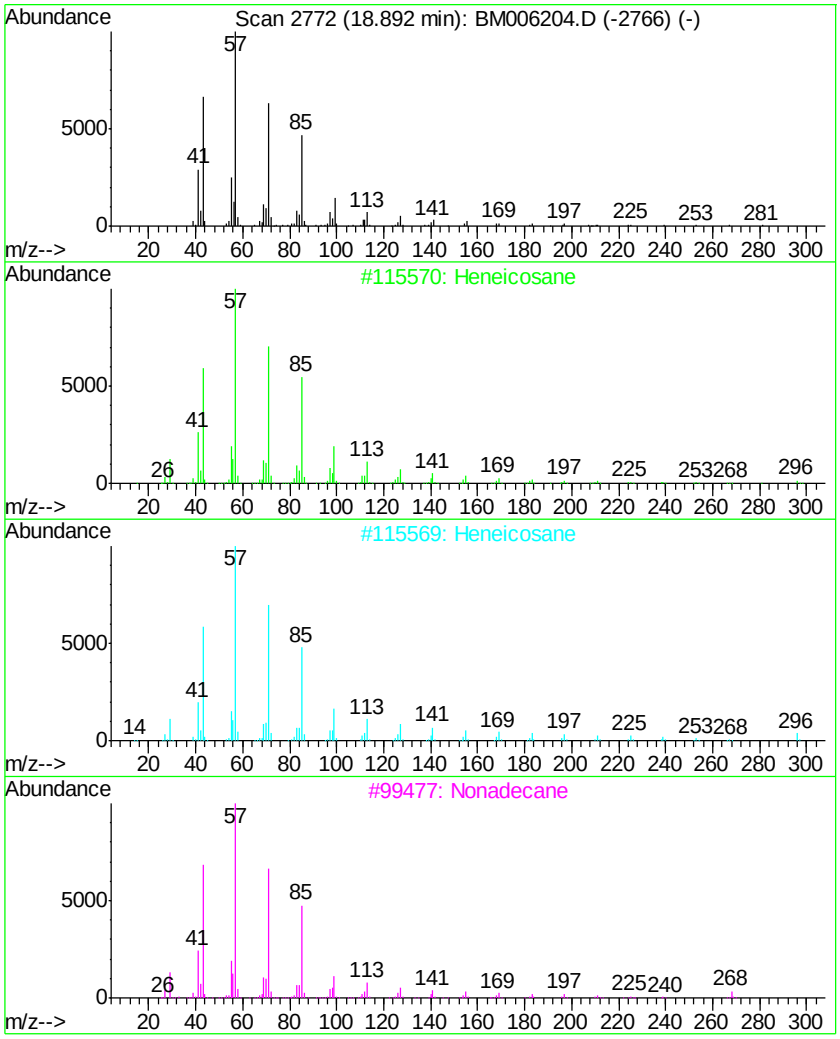
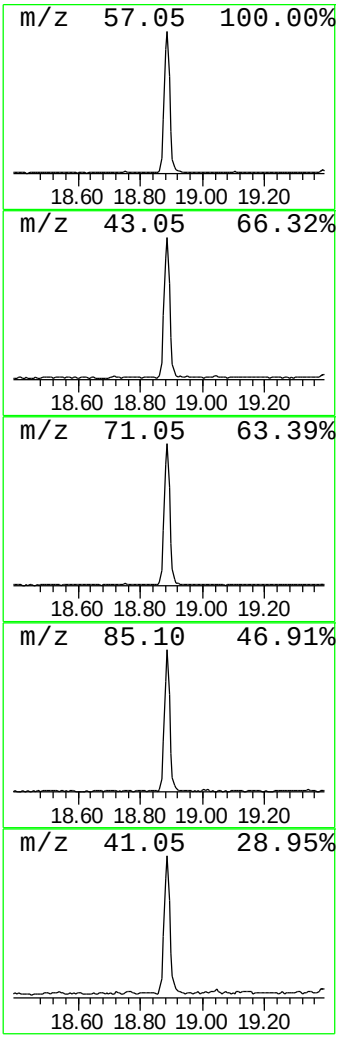
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	2.67 ng/ul	662896	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heneicosane	296	C21H44	000629-94-7	94
3	Nonadecane	268	C19H40	000629-92-5	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006204.D
Acq On : 02 Jul 2016 18:07
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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

TIC Library : C:\DATABASE\NIST02.L
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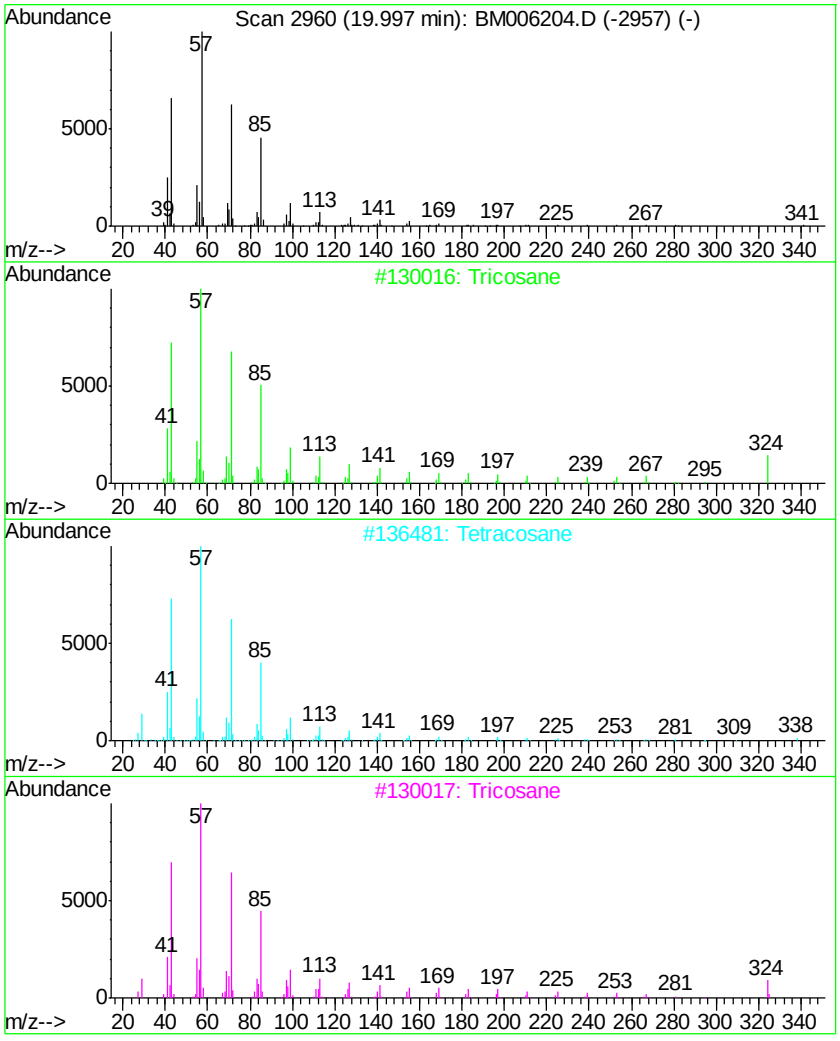
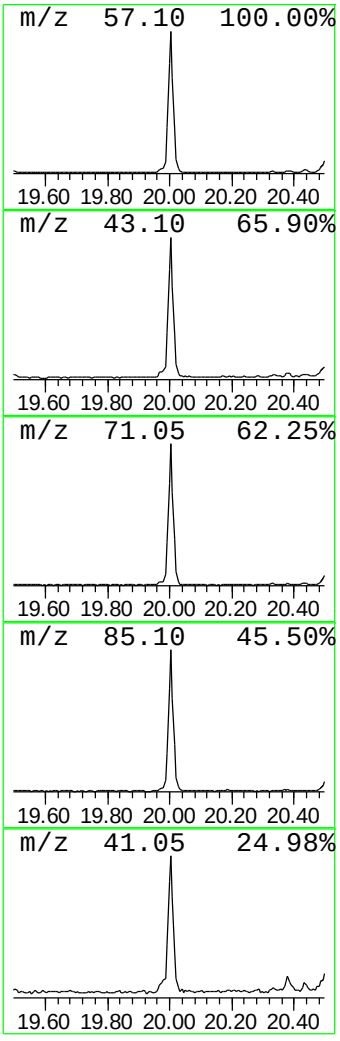
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.41 ng/ul	669613	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tricosane	324	C23H48	000638-67-5	90
4	Nonacosane	408	C29H60	000630-03-5	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90





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Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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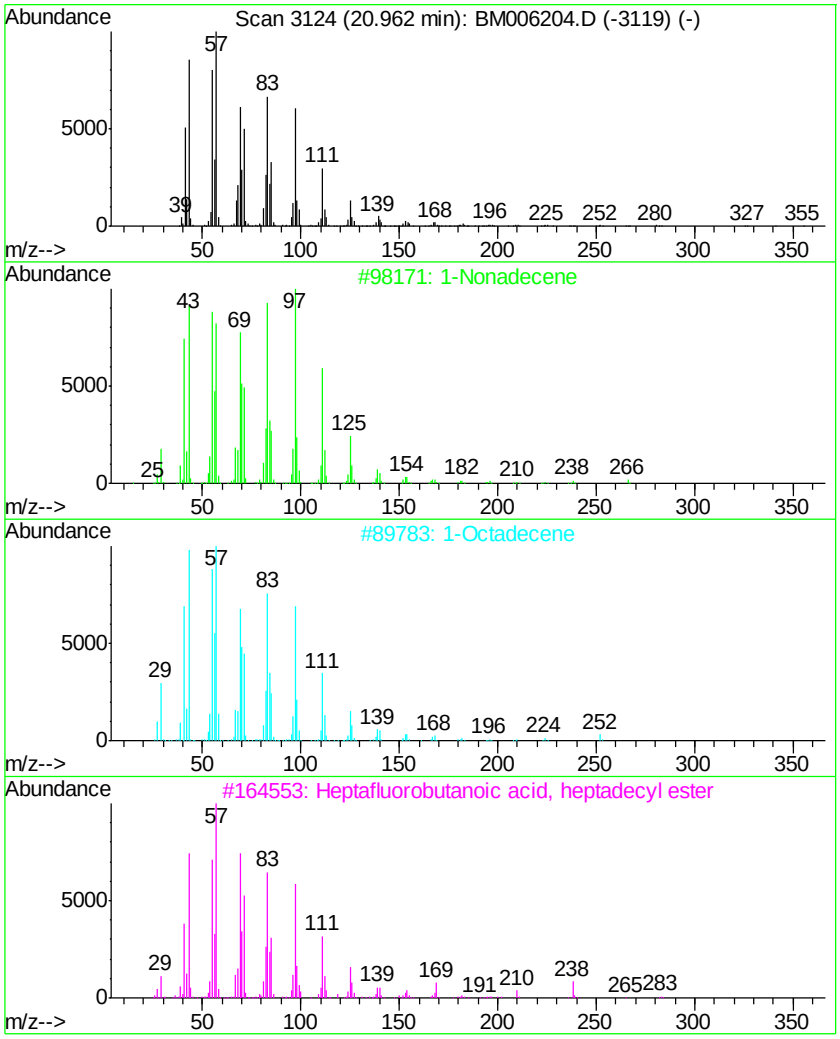
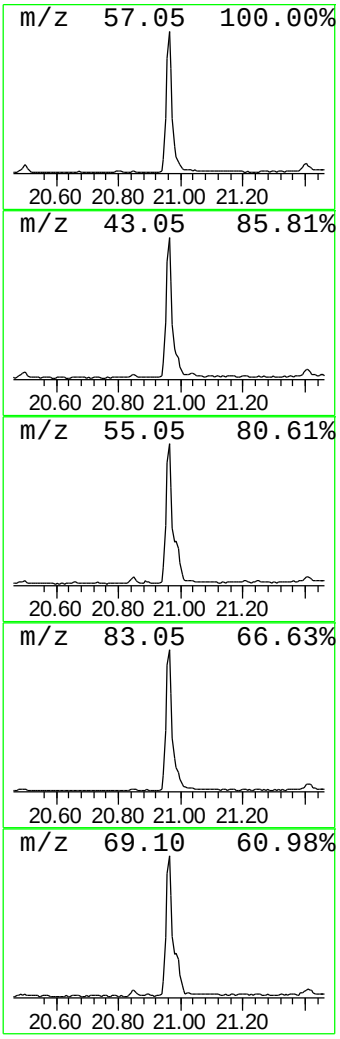
Peak Number 4 (DEL) Alkane: Cyclic20.96 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	7.93 ng/ul	2199100	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	94
5	Cycloeicosane	280	C20H40	000296-56-0	93





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Instrument : BNA_M
ClientSampleId : BDHR0

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

TIC Library : C:\DATABASE\NIST02.L
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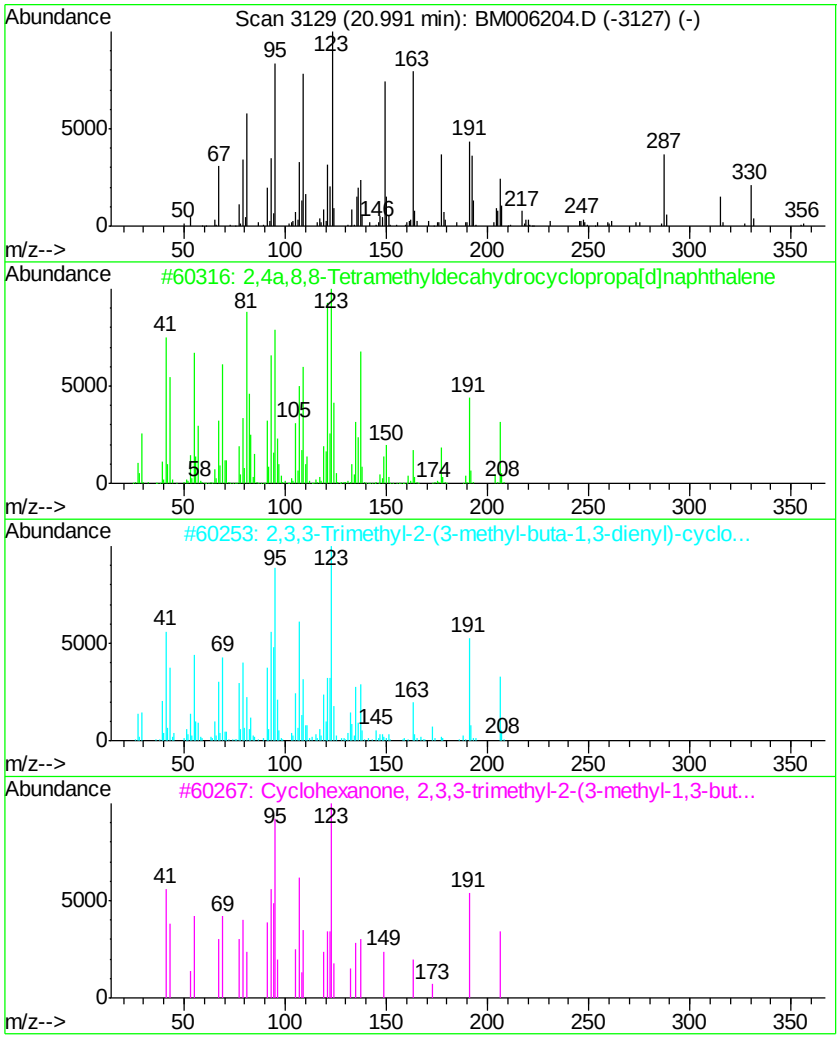
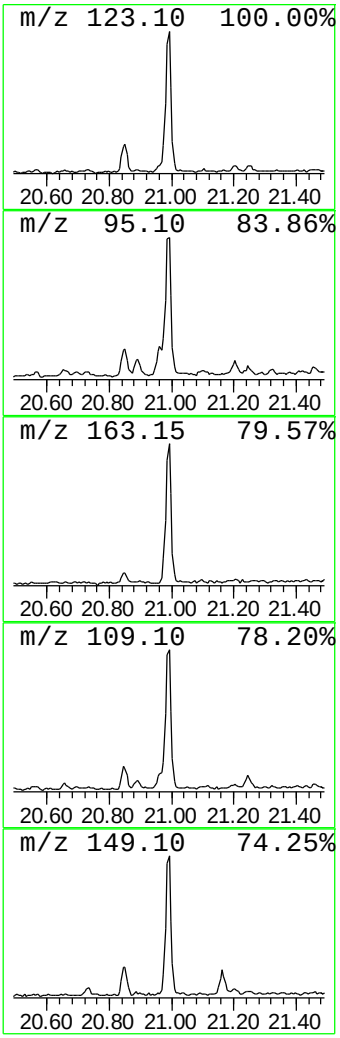
Peak Number 5 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.66 ng/ul	738334	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	41
2	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	38
3	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	30
4	4-Cyclohexylresorcinol	192	C12H16O2	002138-20-7	27
5	10,10-Dimethyl-4-acetyl-tricyclo...	206	C14H22O	176171-97-4	18





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Instrument : BNA_M
ClientSampleId : BDHR0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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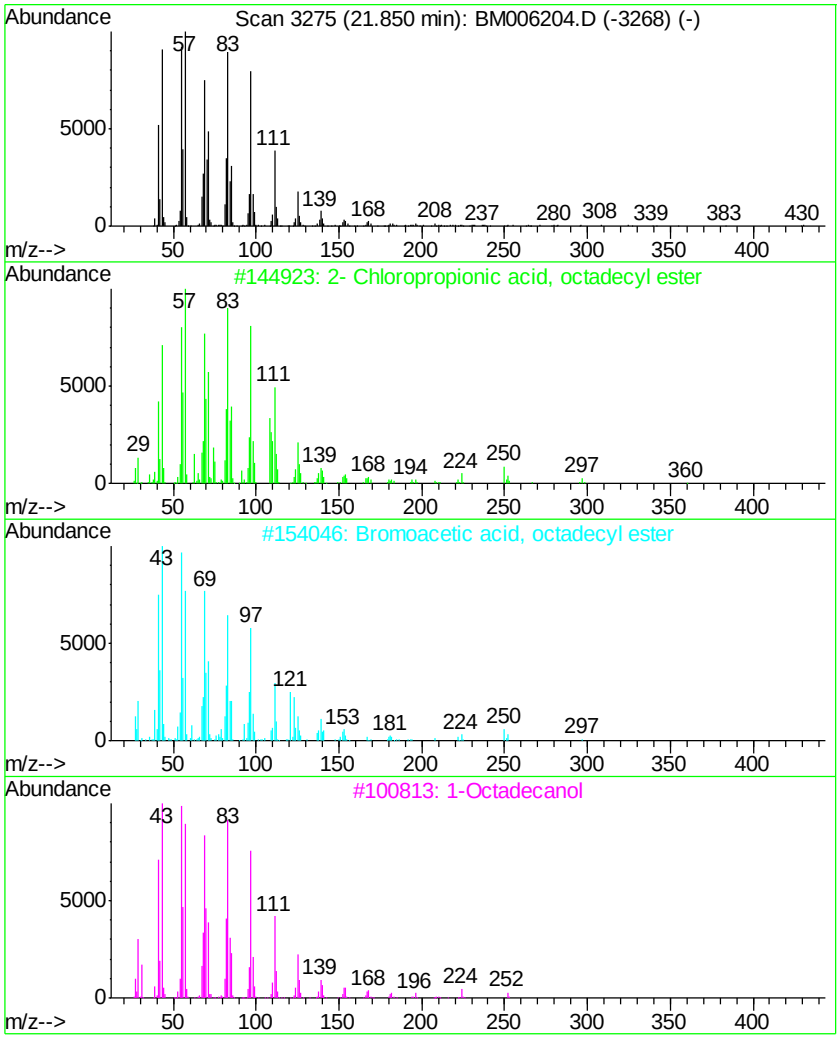
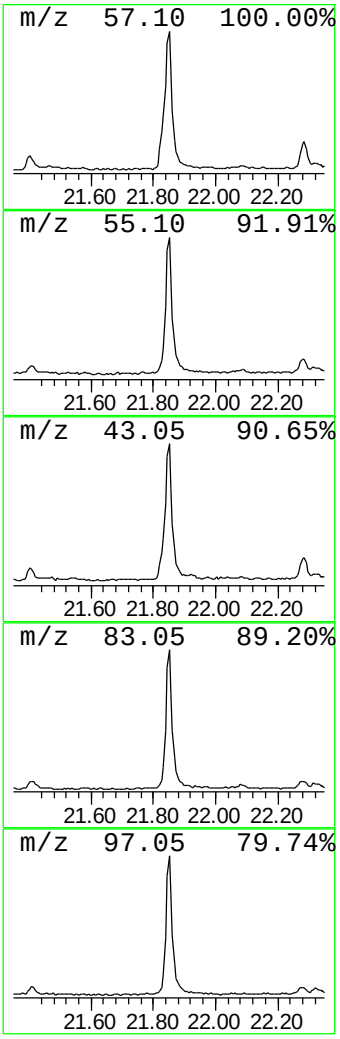
Peak Number 6 2- Chloropropionic acid, oc... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	6.01 ng/ul	1668040	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	1-Octadecanol	270	C18H38O	000112-92-5	87
4	17-Pentatriacontene	491	C35H70	006971-40-0	83
5	Cyclotetracosane	336	C24H48	000297-03-0	81





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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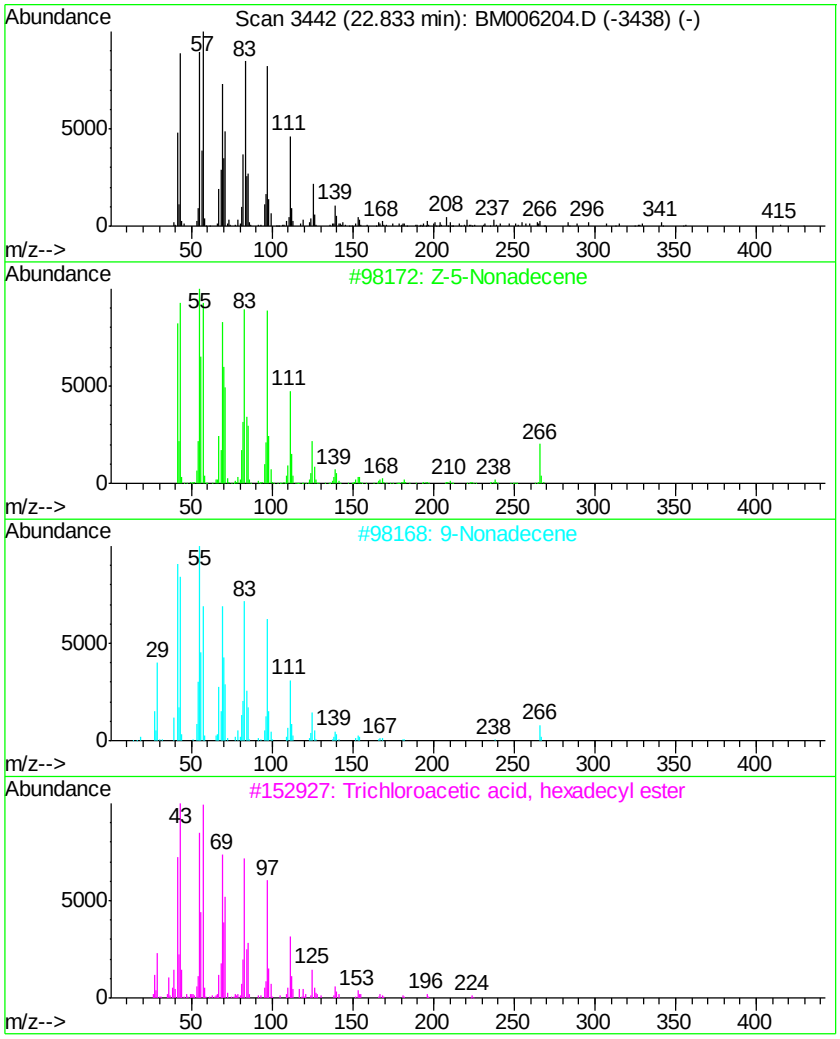
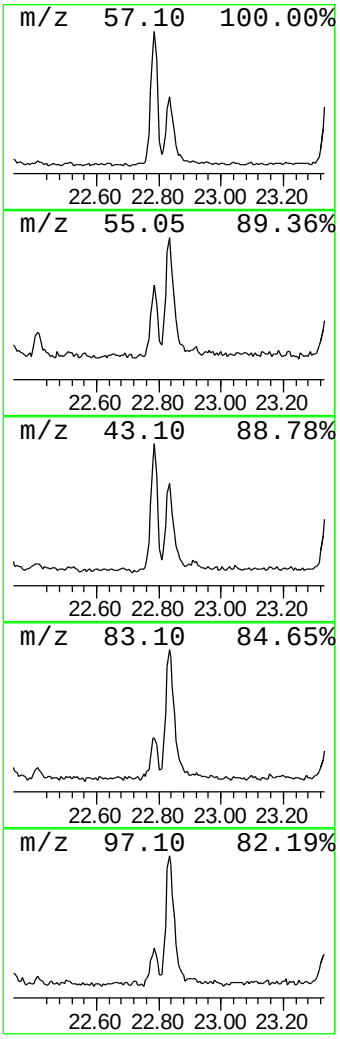
Peak Number 7 (DEL) Alkane: Cyclic22.83 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.31 ng/ul	513560	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	87
2	9-Nonadecene	266	C19H38	031035-07-1	83
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	81
5	1-Octadecanol	270	C18H38O	000112-92-5	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006204.D
Acq On : 02 Jul 2016 18:07
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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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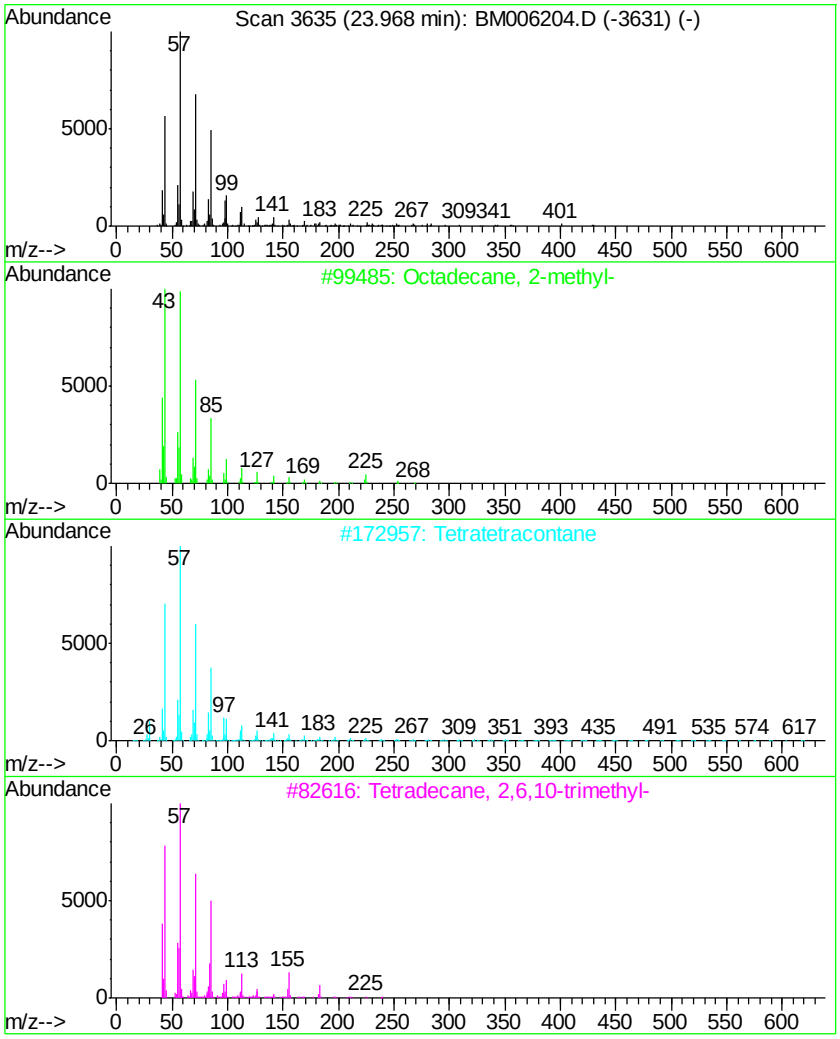
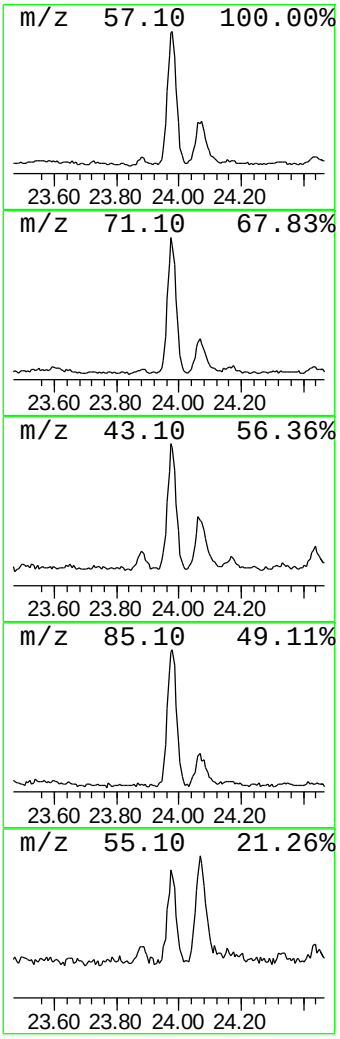
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.76 ng/ul	613831	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Triacontane	422	C30H62	000638-68-6	87





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Data File : BM006204.D
Acq On : 02 Jul 2016 18:07
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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

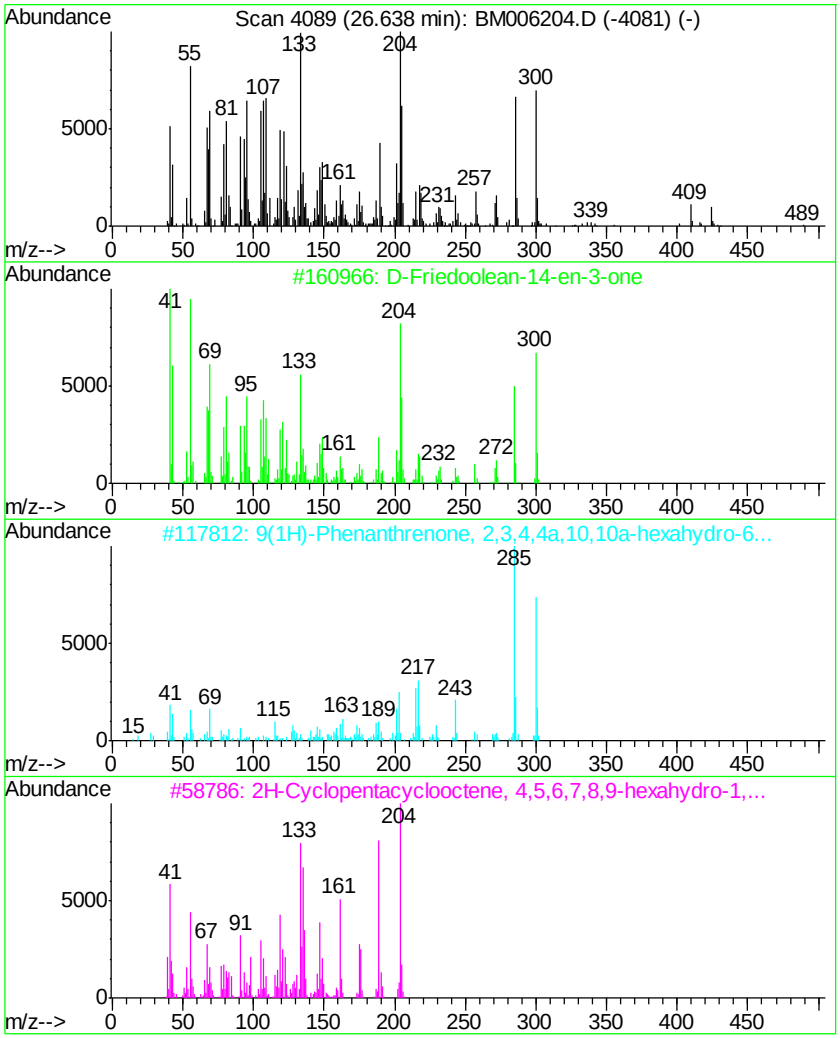
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

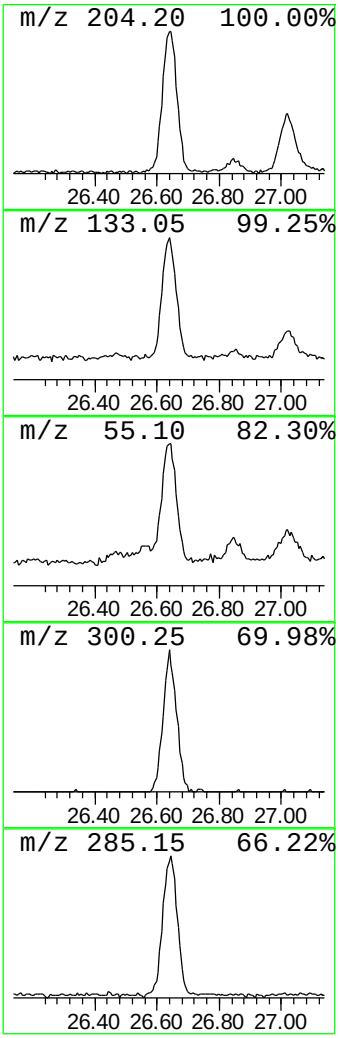
****

Peak Number 9 D-Friedoolean-14-en-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.64	11.10 ng/ul	2464010	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	76
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	53
3	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	45
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	44
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006204.D
Acq On : 02 Jul 2016 18:07
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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

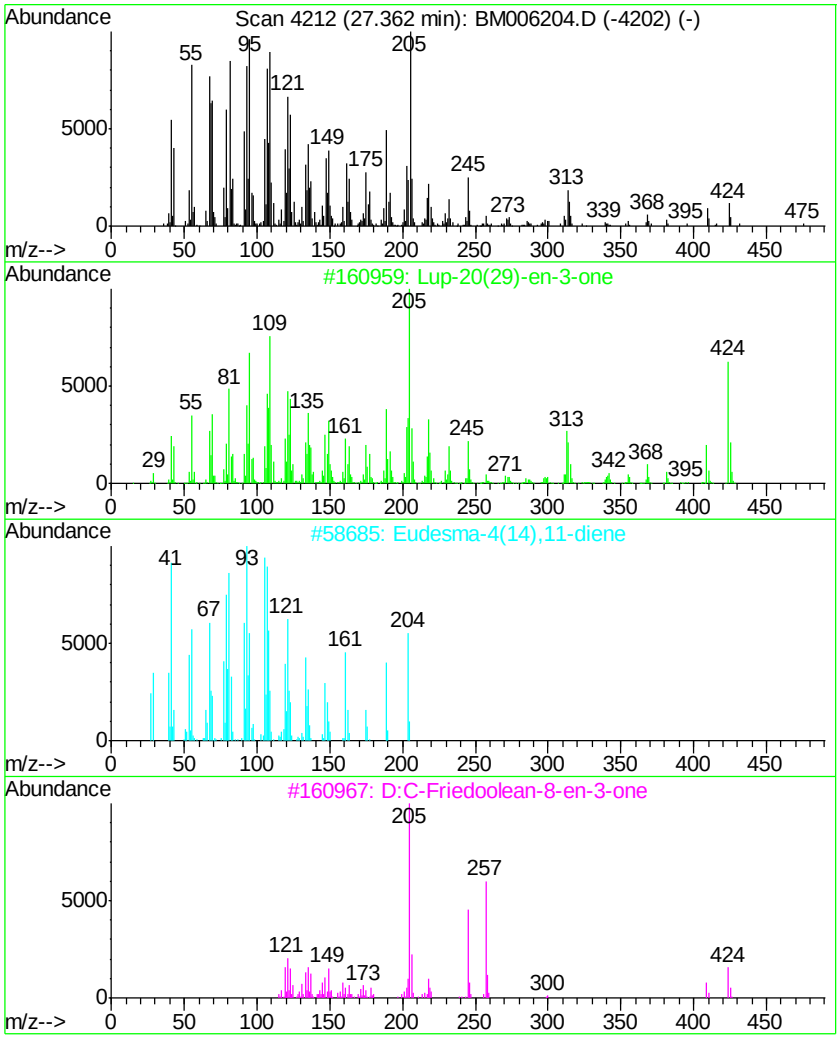
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

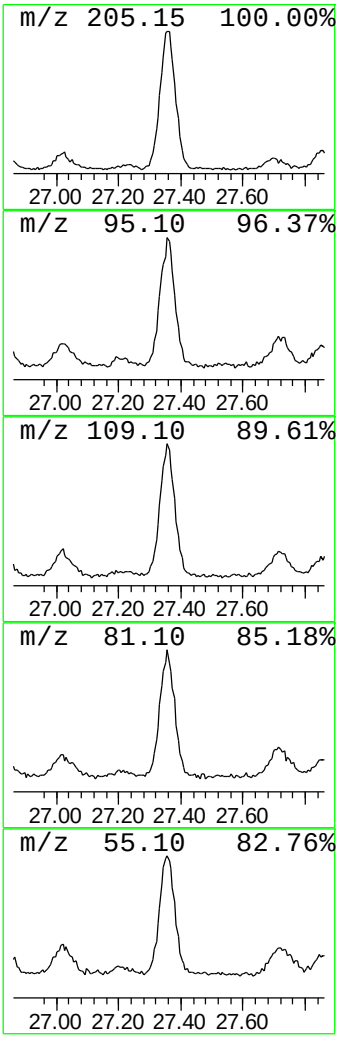
****

Peak Number 10 Lup-20(29)-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.36	12.66 ng/ul	2812090	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	98
2	Eudesma-4(14),11-diene	204	C15H24	1000152-04-3	70
3	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	64
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	56
5	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006204.D
Acq On : 02 Jul 2016 18:07
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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
unknown-01	3.42	3.6	ng/ul	364337	1	7.65	2000180	20.0
(DEL) Alkane: Str...	18.89	2.7	ng/ul	662896	4	17.05	4960100	20.0
(DEL) Alkane: Str...	20.00	2.4	ng/ul	669613	5	21.24	5546480	20.0
(DEL) Alkane: Cyc...	20.96	7.9	ng/ul	2199100	5	21.24	5546480	20.0
unknown-02	20.99	2.7	ng/ul	738334	5	21.24	5546480	20.0
2- Chloropropioni...	21.85	6.0	ng/ul	1668040	5	21.24	5546480	20.0
(DEL) Alkane: Cyc...	22.83	2.3	ng/ul	513560	6	23.47	4440760	20.0
(DEL) Alkane: Str...	23.97	2.8	ng/ul	613831	6	23.47	4440760	20.0
D-Friedoolean-14-...	26.64	11.1	ng/ul	2464010	6	23.47	4440760	20.0
Lup-20(29)-en-3-one	27.36	12.7	ng/ul	2812090	6	23.47	4440760	20.0