LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\
Data File : BM006264.D
Acq On : 05 Jul 2016 18:56
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 13 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	152	rBV	202300	290727	6.70%	0.426%
2	6.822	709	720	737	rBV	969421	1682841	38.76%	2.467%
3	6.981	740	747	760	rBV	794364	1257330	28.96%	1.843%
4	7.175	774	780	791	rBV	988279	1635757	37.67%	2.398%
5	7.645	853	860	874	rBV	1045510	1719166	39.60%	2.520%
6	8.351	973	980	998	rVB	1162396	2005881	46.20%	2.940%
7	8.798	1048	1056	1066	rBV	944271	1619703	37.30%	2.374%
8	9.516	1170	1178	1189	rBV	770017	1366390	31.47%	2.003%
9	10.051	1261	1269	1288	rBV	1097783	1958786	45.11%	2.871%
10	10.422	1325	1332	1346	rBV	1364477	2411440	55.54%	3.535%
11	10.563	1349	1356	1374	rVV	986017	1870020	43.07%	2.741%
12	13.704	1883	1890	1894	rBV	1709393	2465687	56.79%	3.615%
13	13.751	1894	1898	1909	rVB	842011	1276466	29.40%	1.871%
14	13.986	1928	1938	1951	rBV	1967547	3186862	73.40%	4.672%
15	14.292	1984	1990	2003	rVB2	1793836	2841962	65.45%	4.166%
16	14.504	2020	2026	2044	rBV	658251	1145370	26.38%	1.679%
17	15.157	2133	2137	2143	rVB	43789	56878	1.31%	0.083%
18	15.292	2153	2160	2168	rBV	2459318	3675920	84.66%	5.389%
19	15.421	2176	2182	2196	rBV	664196	1009879	23.26%	1.480%
20	15.527	2196	2200	2204	rBV2	31080	47848	1.10%	0.070%
21	16.015	2279	2283	2291	rBV2	50565	93360	2.15%	0.137%
22	16.809	2414	2418	2424	rBV2	136151	208469	4.80%	0.306%
23	17.045	2451	2458	2465	rBV	2083555	3103996	71.49%	4.550%
24	17.145	2468	2475	2481	rVV	2415702	3761391	86.63%	5.514%
25	17.280	2495	2498	2505	rVB2	30937	51322	1.18%	0.075%
26	17.551	2539	2544	2554	rVB	117260	176837	4.07%	0.259%
27	18.880	2765	2770	2777	rBV	323233	408987	9.42%	0.600%
28	19.445	2859	2866	2873	rBV	2976945	4201548	96.77%	6.159%
29	19.786	2920	2924	2930	rVB	59193	71528	1.65%	0.105%
30	19.997	2953	2960	2966	rBV	357269	432704	9.97%	0.634%
31	20.650	3067	3071	3075	rBV7	35420	44877	1.03%	0.066%
32	20.844	3099	3104	3107	rBV	123012	159364	3.67%	0.234%
33	20.886	3108	3111	3118	rVB5	40635	54020	1.24%	0.079%
34	20.956	3118	3123	3126	rBV	684699	1046003	24.09%	1.533%

LSC Area Percent Report

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Data File : BM006264.D
Acq On : 05 Jul 2016 18:56
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 13 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	20.980	3126	3127	3134	rVB	539572	582559	13.42%	0.854%
36	21.092	3143	3146	3151	rVB2	42265	59713	1.38%	0.088%
37	21.197	3161	3164	3166	rBV4	41581	44302	1.02%	0.065%
38	21.239	3166	3171	3177	rVB	2762382	3523418	81.15%	5.165%
39	21.397	3195	3198	3202	rBV3	28398	50633	1.17%	0.074%
40	21.844	3267	3274	3291	rBV	413073	1036866	23.88%	1.520%
41	22.280	3343	3348	3352	rBV2	122695	198044	4.56%	0.290%
42	22.403	3365	3369	3375	rBV	167199	231153	5.32%	0.339%
43	22.774	3428	3432	3437	rBV	222168	337618	7.78%	0.495%
44	22.833	3438	3442	3453	rVB3	114707	266551	6.14%	0.391%
45	23.315	3516	3524	3535	rBV2	2157740	4341865	100.00%	6.365%
46	23.450	3540	3547	3554	rBV	1803841	3527598	81.25%	5.171%
47	23.968	3629	3635	3643	rVB	307396	603241	13.89%	0.884%
48	24.068	3647	3652	3662	rVB5	77745	215101	4.95%	0.315%
49	24.427	3709	3713	3724	rVB3	87842	205351	4.73%	0.301%
50	24.697	3753	3759	3766	rBV2	204393	436487	10.05%	0.640%
51	26.621	4078	4086	4101	rVB3	736627	2331924	53.71%	3.418%
52	27.332	4198	4207	4225	rVB3	846268	2884191	66.43%	4.228%

Sum of corrected areas: 68215934

LSC Report - Integrated Chromatogram

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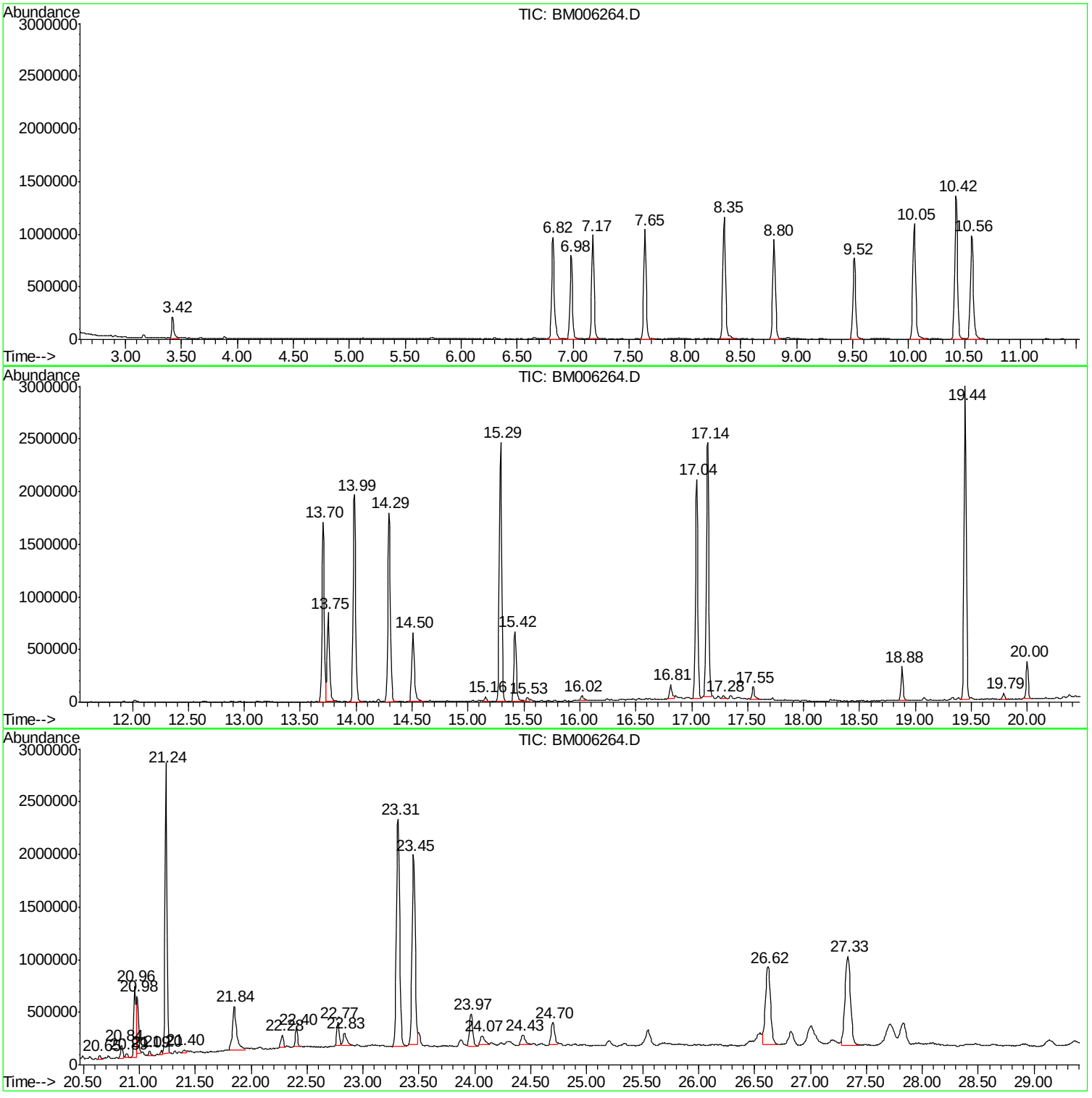
Data File : BM006264.D
Acq On : 05 Jul 2016 18:56
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

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\BM070516\
Data File : BM006264.D
Acq On : 05 Jul 2016 18:56
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 13 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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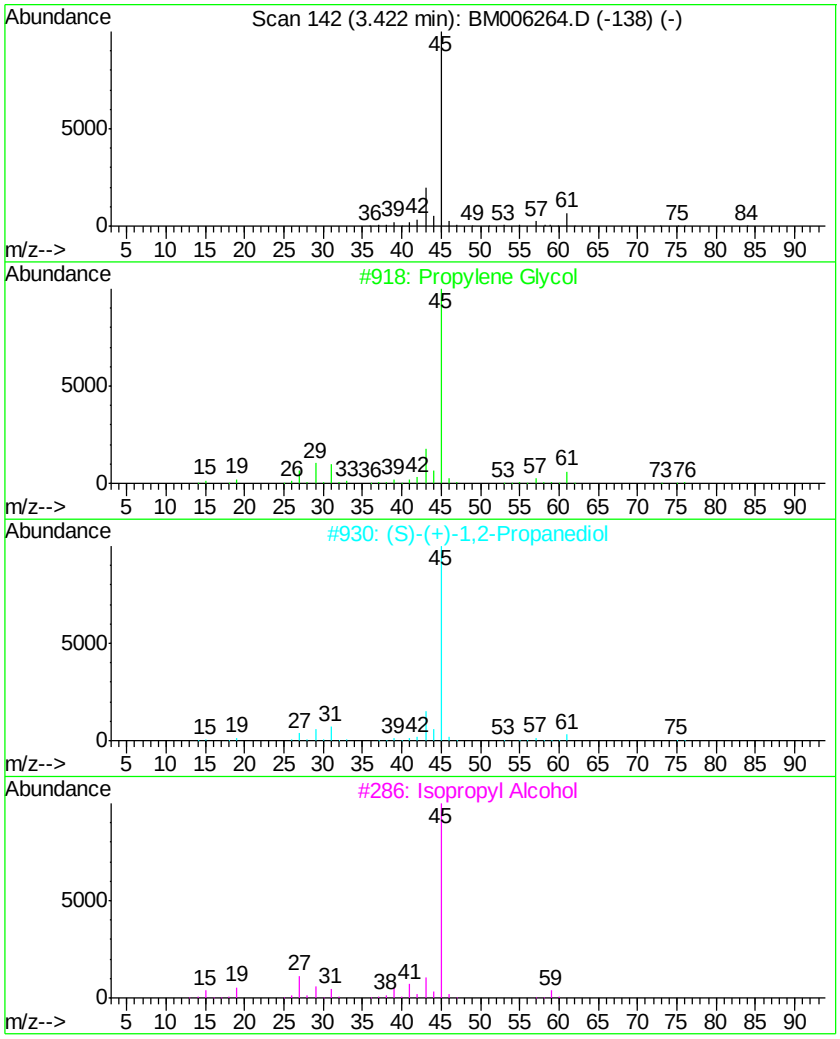
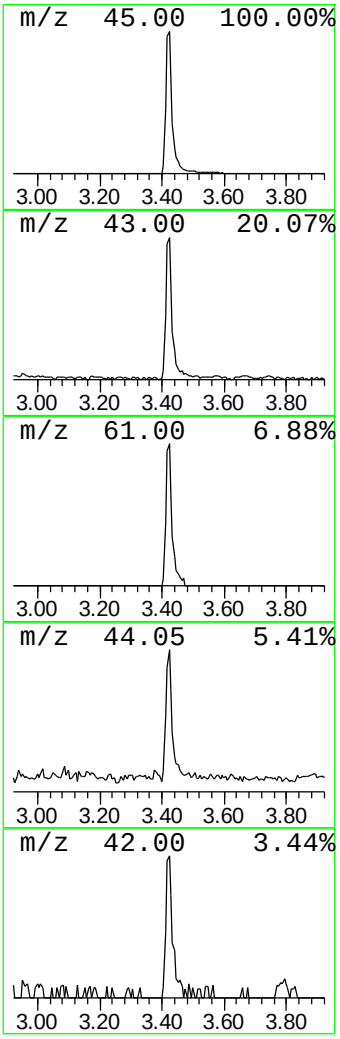
Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	3.38 ng/ul	290727	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	47
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Propylene Glycol	76	C3H8O2	000057-55-6	9
5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\
Data File : BM006264.D
Acq On : 05 Jul 2016 18:56
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 13 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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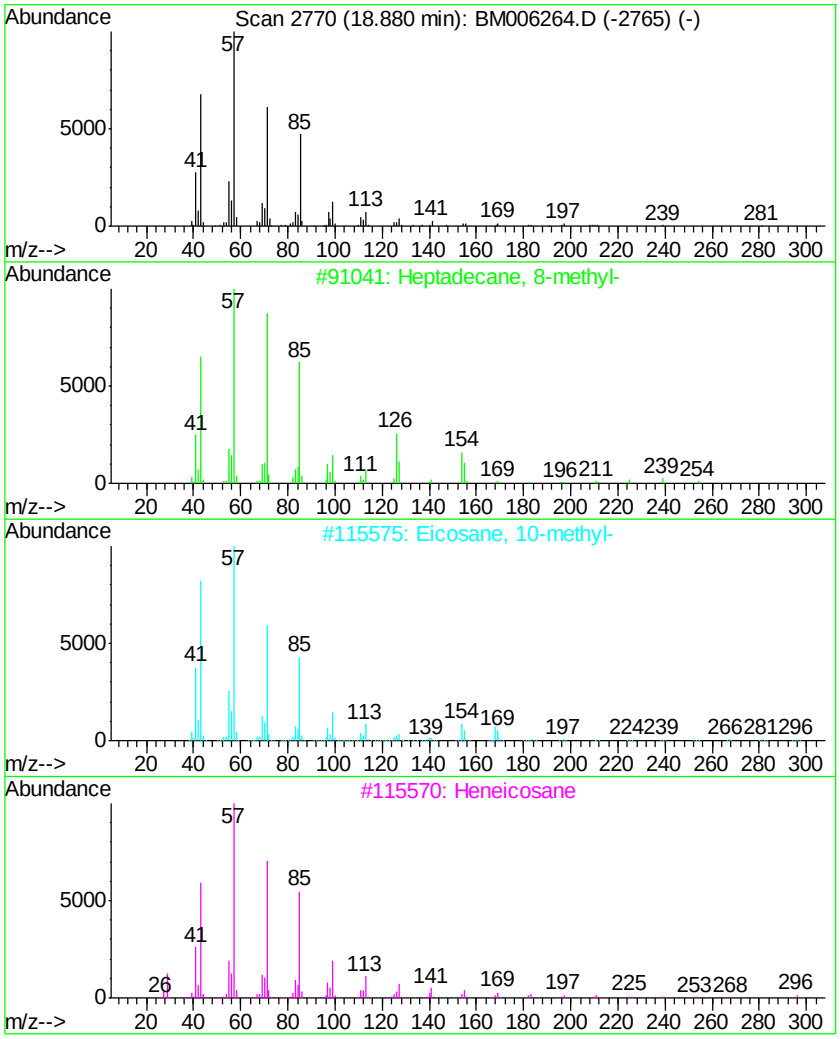
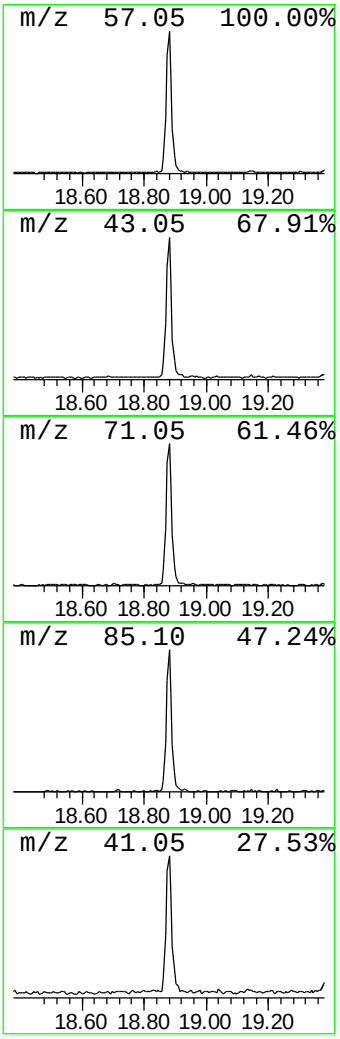
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	2.64 ng/ul	408987	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\
Data File : BM006264.D
Acq On : 05 Jul 2016 18:56
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 13 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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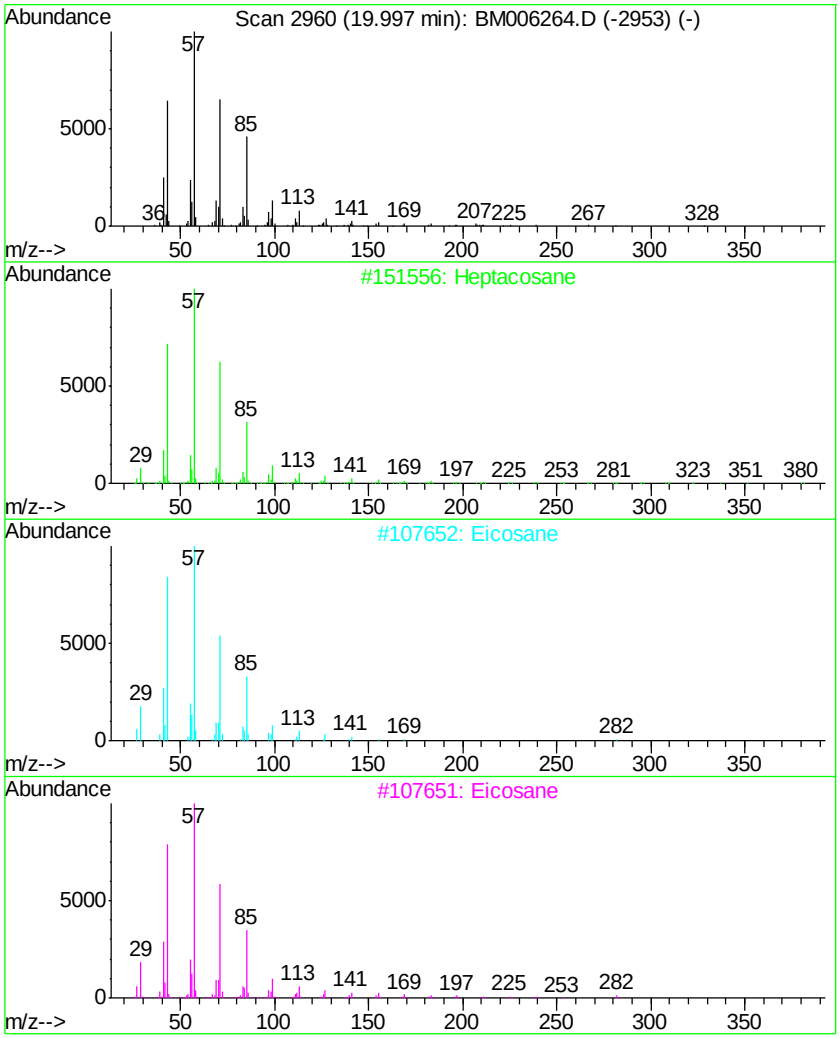
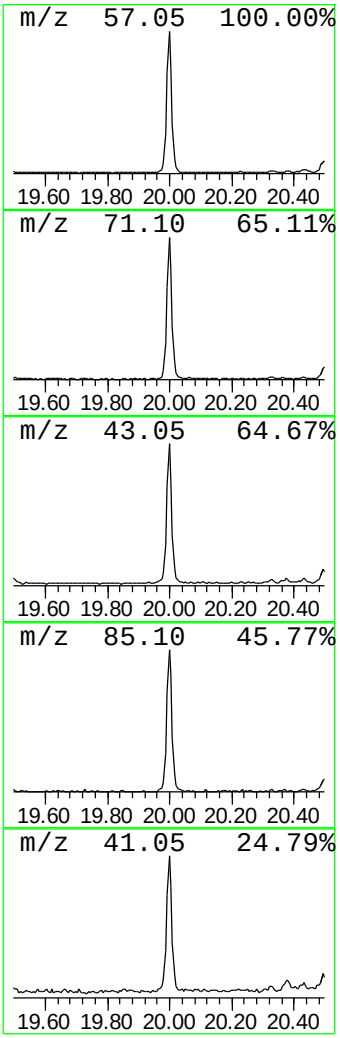
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.46 ng/ul	432704	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Eicosane	282	C20H42	000112-95-8	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Pentadecane	212	C15H32	000629-62-9	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\
Data File : BM006264.D
Acq On : 05 Jul 2016 18:56
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 13 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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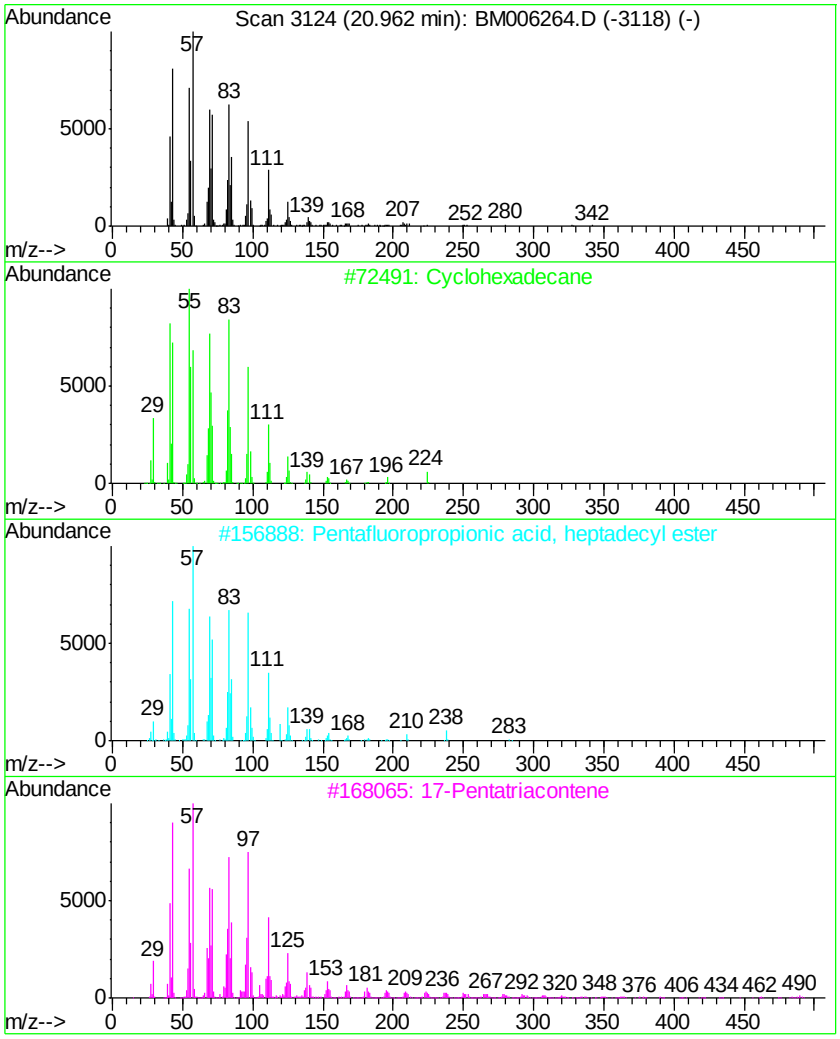
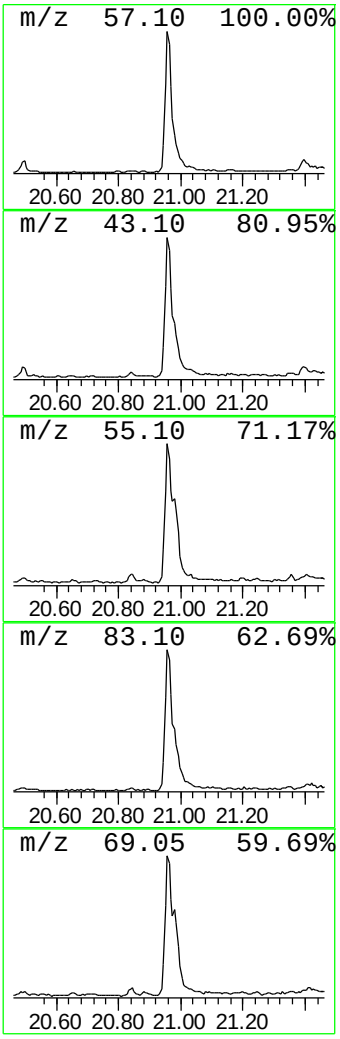
Peak Number 4 (DEL) Alkane: Cyclic20.96 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	5.94 ng/ul	1046000	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5	17-Pentatriacontene	491	C35H70	006971-40-0	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\
Data File : BM006264.D
Acq On : 05 Jul 2016 18:56
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 13 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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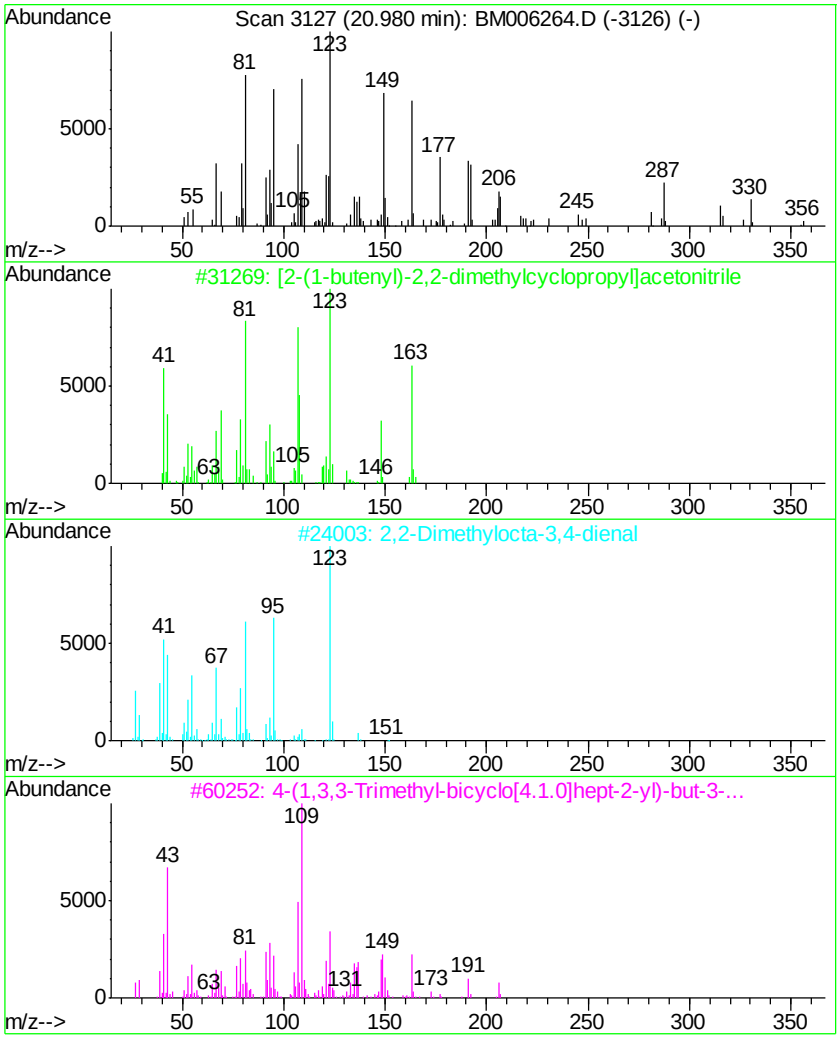
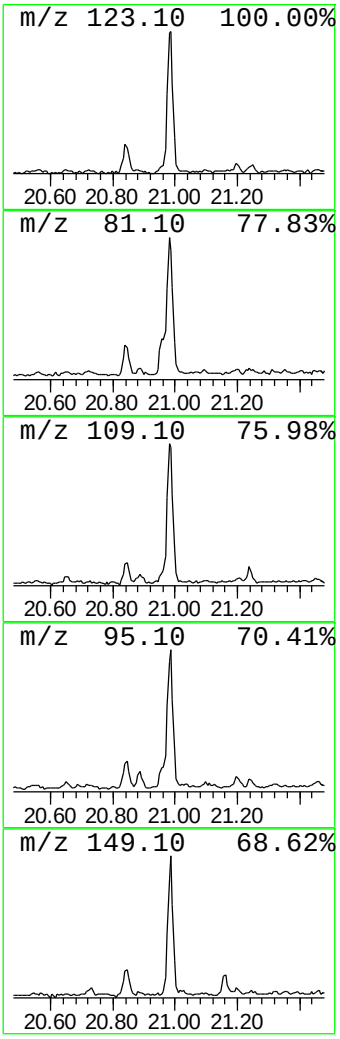
Peak Number 5 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	3.31 ng/ul	582559	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[2-(1-butenyl)-2,2-dimethylcyclo...	163	C11H17N	1000111-15-4	41
2	2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	35
3	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	22
4	Acetonitrile, 2-(4-methoxyphenoxy)-	163	C9H9NO2	022446-12-4	22
5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	18





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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
TIC Integration Parameters: LSCINT.P

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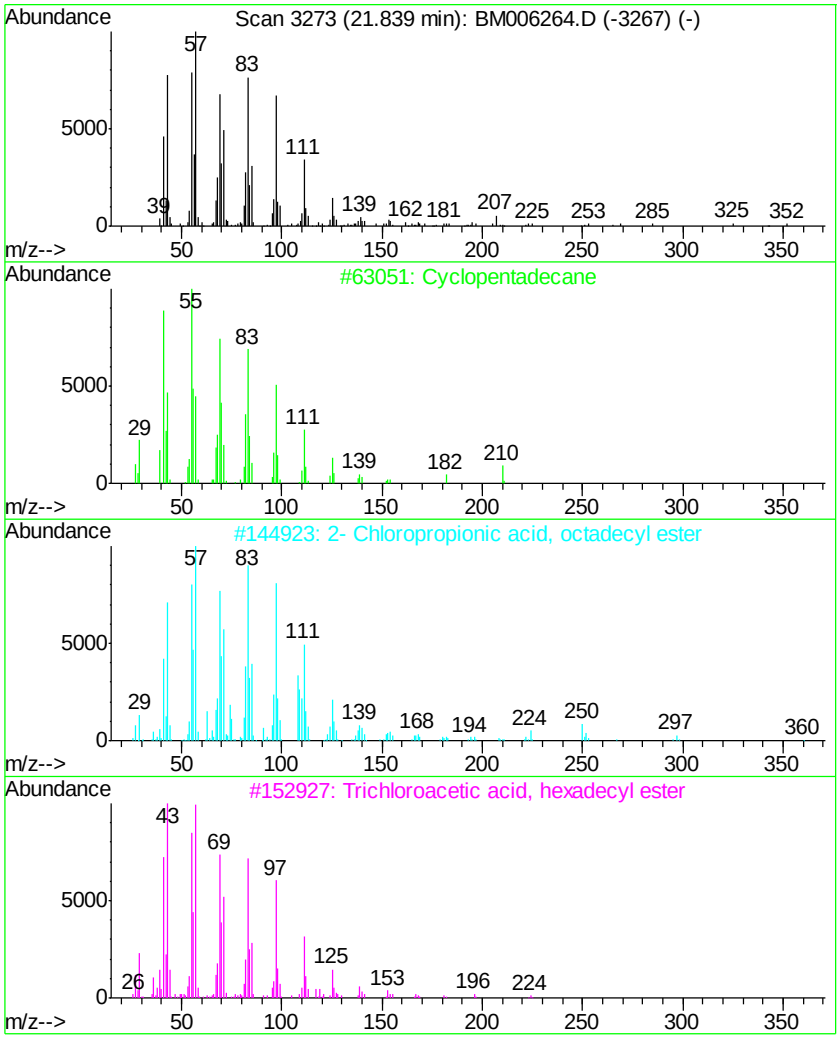
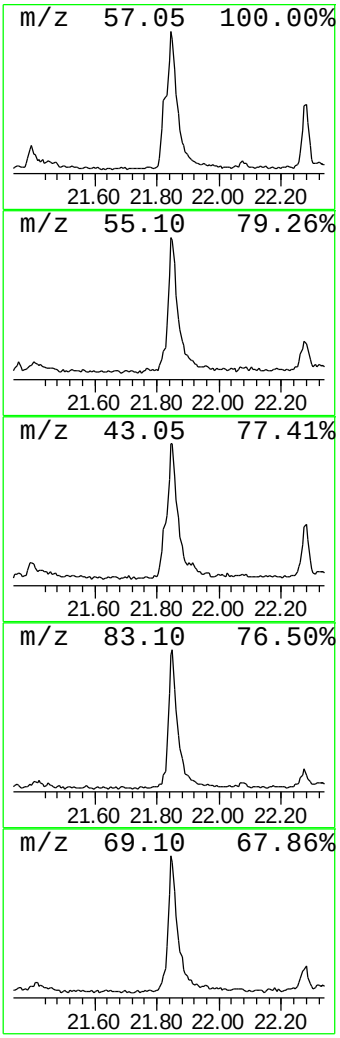
Peak Number 6 (DEL) Alkane: Cyclic21.84 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	5.89 ng/ul	1036870	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





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Operator : UM/SJ
Sample : H3797-09
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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
TIC Integration Parameters: LSCINT.P

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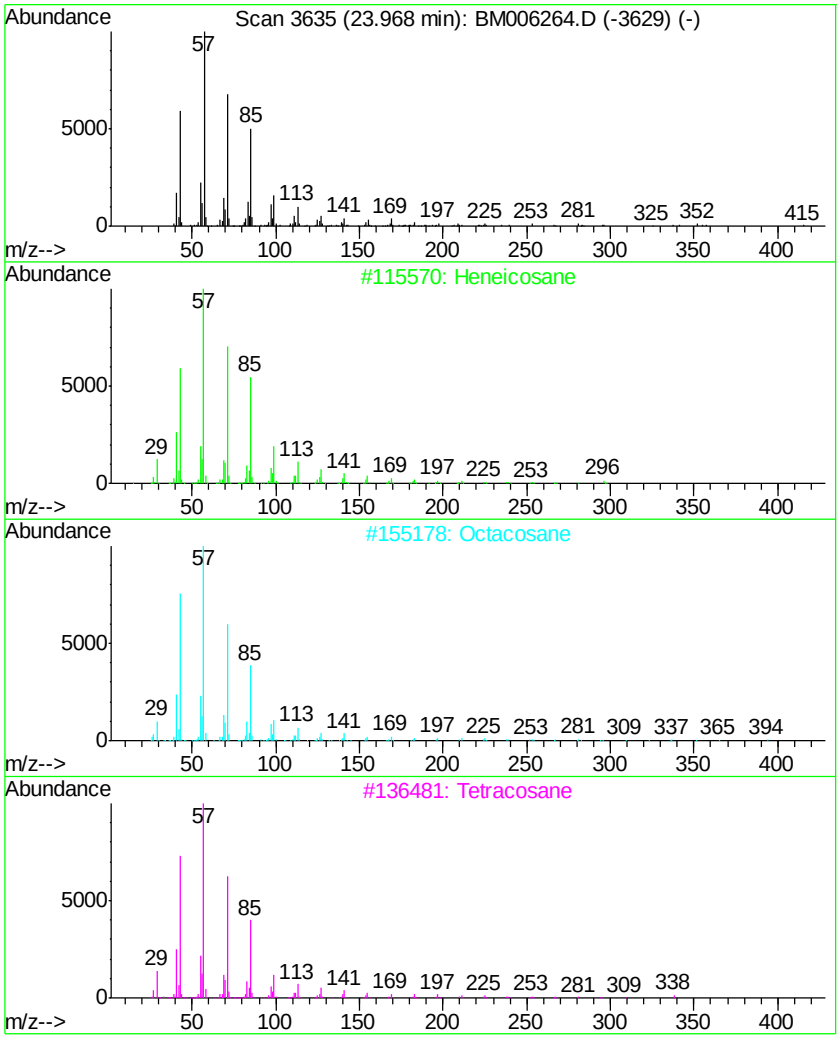
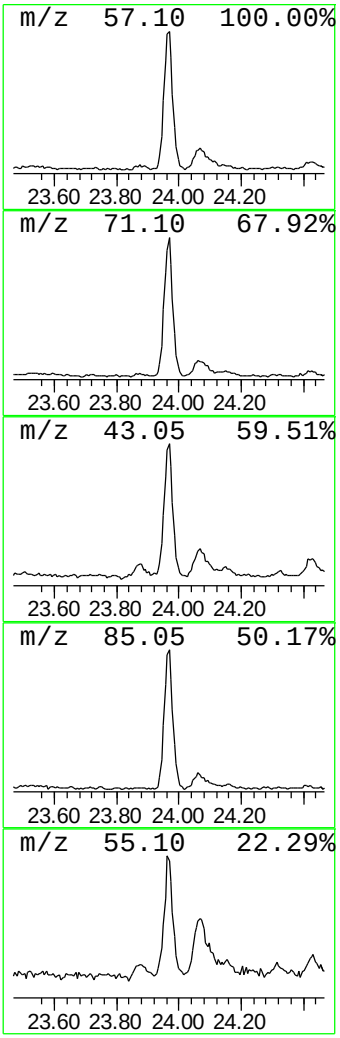
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.42 ng/ul	603241	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\
Data File : BM006264.D
Acq On : 05 Jul 2016 18:56
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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

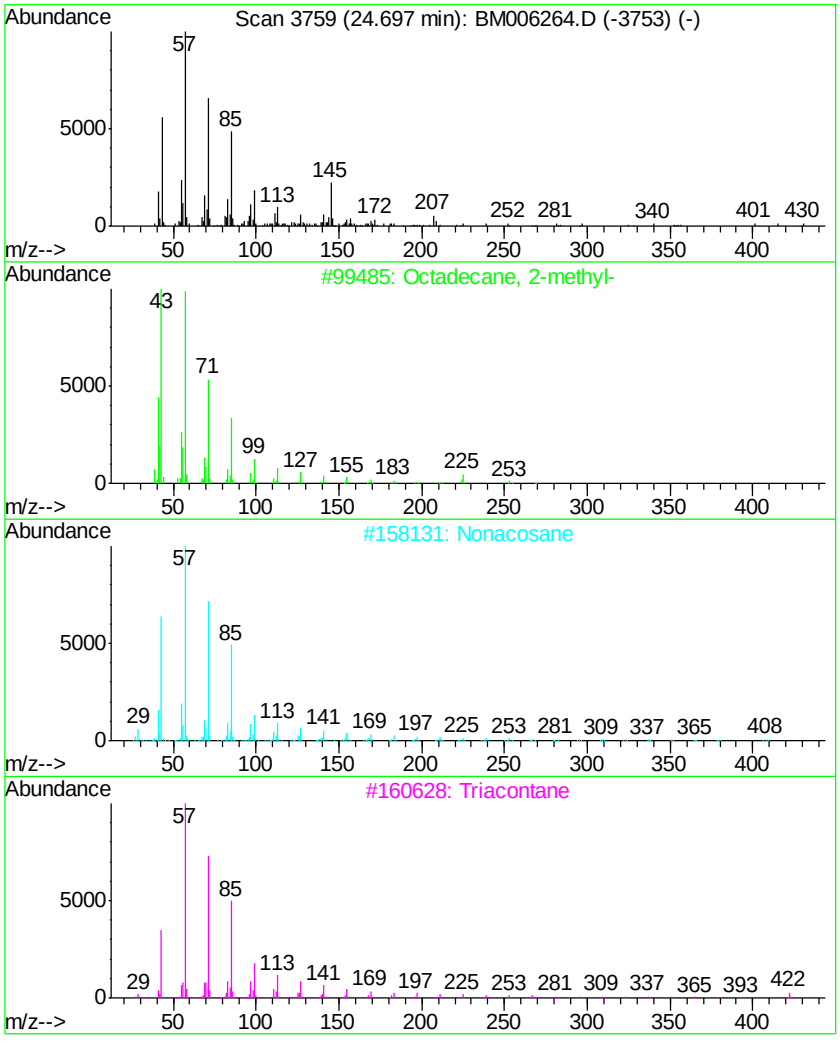
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

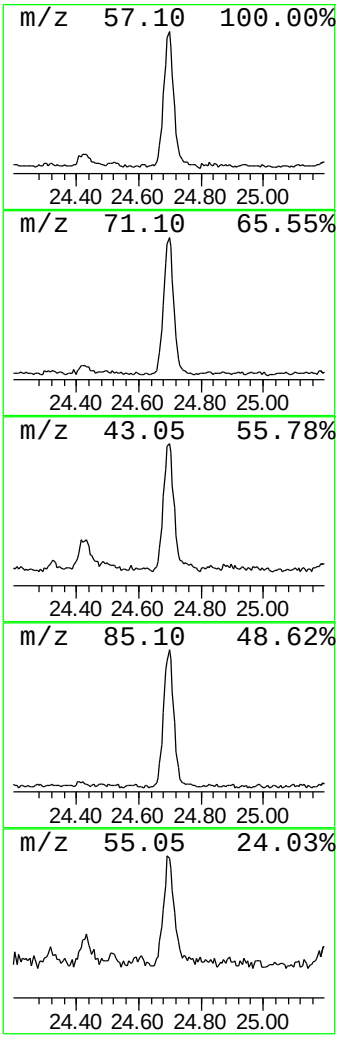
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	2.47 ng/ul	436487	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2	Nonacosane	408	C29H60	000630-03-5	74
3	Triacontane	422	C30H62	000638-68-6	74
4	Tetratriacontane	479	C34H70	014167-59-0	74
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	74





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Acq On : 05 Jul 2016 18:56
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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Quant Title : SVOA CALIBRATION

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

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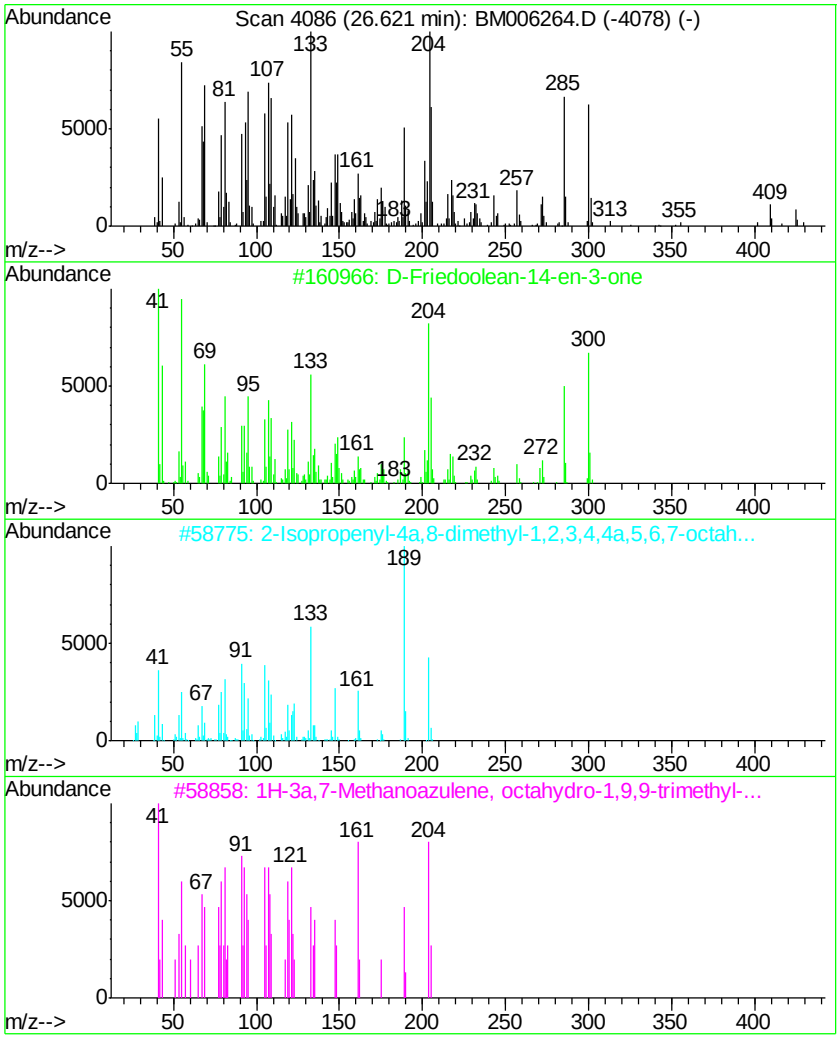
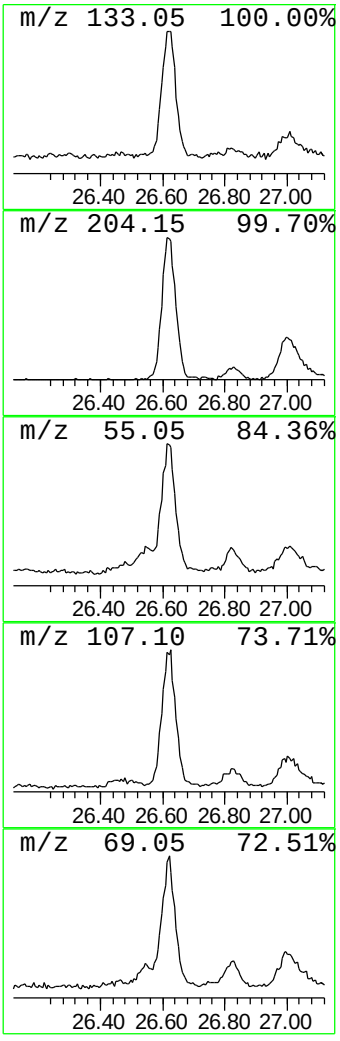
Peak Number 9 D-Friedoolean-14-en-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.62	13.22 ng/ul	2331920	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	70
2	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	60
3	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	49
4	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	49
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	49





Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\
Data File : BM006264.D
Acq On : 05 Jul 2016 18:56
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR0

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

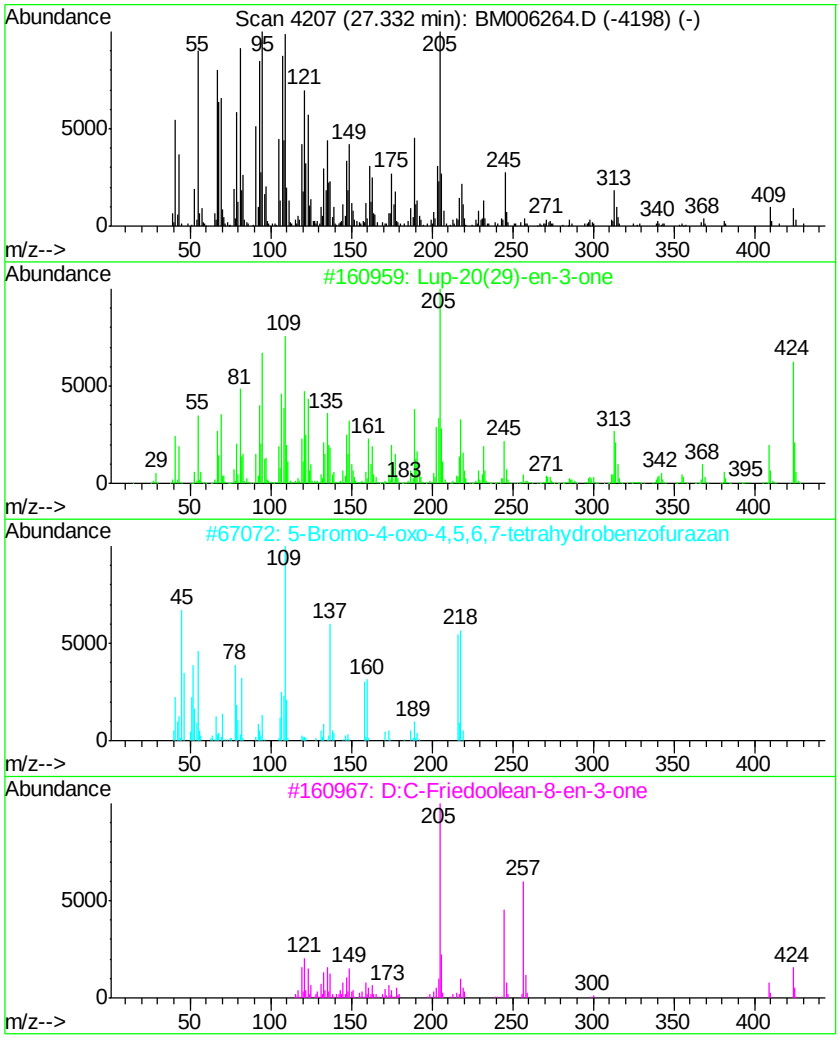
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

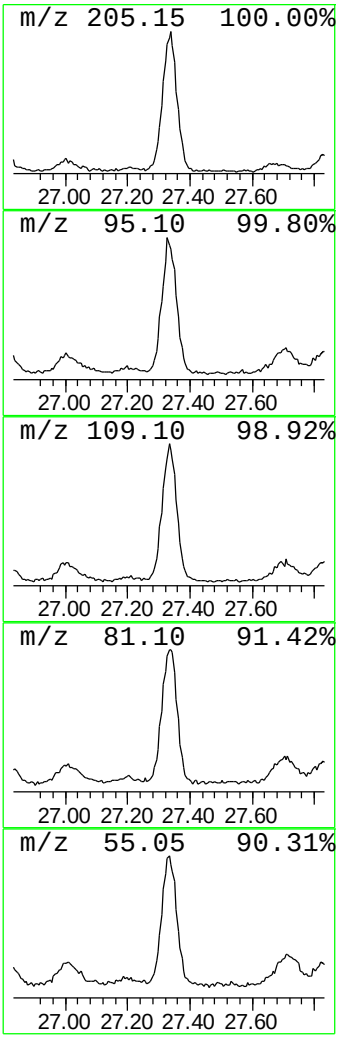
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.33	16.35 ng/ul	2884190	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	97
2	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	68
3	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	53
4	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	42
5	1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070516\
Data File : BM006264.D
Acq On : 05 Jul 2016 18:56
Operator : UM/SJ
Sample : H3797-09
Misc :
ALS Vial : 13 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	3.4	ng/ul	290727	1	7.65	1719170	20.0
(DEL) Alkane: Str...	18.88	2.6	ng/ul	408987	4	17.04	3104000	20.0
(DEL) Alkane: Str...	20.00	2.5	ng/ul	432704	5	21.24	3523420	20.0
(DEL) Alkane: Cyc...	20.96	5.9	ng/ul	1046000	5	21.24	3523420	20.0
unknown-02	20.98	3.3	ng/ul	582559	5	21.24	3523420	20.0
(DEL) Alkane: Cyc...	21.84	5.9	ng/ul	1036870	5	21.24	3523420	20.0
(DEL) Alkane: Str...	23.97	3.4	ng/ul	603241	6	23.45	3527600	20.0
(DEL) Alkane: Str...	24.70	2.5	ng/ul	436487	6	23.45	3527600	20.0
D-Friedoolean-14-...	26.62	13.2	ng/ul	2331920	6	23.45	3527600	20.0
Lup-20(29)-en-3-one	27.33	16.4	ng/ul	2884190	6	23.45	3527600	20.0