LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082674.D
Acq On : 3 Nov 2015 21:44
Operator : UM/IZ
Sample : G4240-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06(14-16)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.213	9	11	16	rVB	302864	399636	6.54%	0.727%
2	2.373	22	25	28	rVB	80973	163229	2.67%	0.297%
3	5.059	257	260	263	rBV	1765613	2845509	46.57%	5.175%
4	5.481	294	297	299	rBV	5070762	5004205	81.89%	9.101%
5	6.510	384	387	389	rBV	5523023	5979435	97.85%	10.874%
6	6.647	396	399	401	rBV	5634094	5708708	93.42%	10.382%
7	6.876	417	419	421	rBV	1513019	1206136	19.74%	2.193%
8	7.036	430	433	435	rBV	4721771	4064233	66.51%	7.391%
9	7.436	465	468	471	rBV	3132276	3155701	51.64%	5.739%
10	8.167	529	532	534	rBV	1356064	1498050	24.52%	2.724%
11	9.242	623	626	629	rBV	5573087	5738060	93.90%	10.435%
12	9.630	658	660	663	rBV	695609	811836	13.29%	1.476%
13	9.916	683	685	688	rBV	1819353	1698213	27.79%	3.088%
14	10.339	720	722	723	rBV	74831	62234	1.02%	0.113%
15	10.705	751	754	757	rBV	4259819	4053352	66.33%	7.371%
16	10.831	764	765	769	rBV2	44081	93147	1.52%	0.169%
17	11.288	803	805	806	rBV2	81783	81172	1.33%	0.148%
18	11.402	813	815	817	rBV	2160219	1807343	29.58%	3.287%
19	11.939	860	862	867	rBV	549187	589044	9.64%	1.071%
20	12.728	928	931	938	rBV	111912	147952	2.42%	0.269%
21	12.991	951	954	957	rBV	5216754	6110742	100.00%	11.113%
22	13.894	1031	1033	1043	rBV	569847	787137	12.88%	1.431%
23	14.042	1043	1046	1048	rVV	1510548	1582067	25.89%	2.877%
24	14.534	1087	1089	1095	rBV2	41227	75978	1.24%	0.138%
25	14.911	1120	1122	1125	rBV	62234	64843	1.06%	0.118%
26	15.483	1169	1172	1175	rBV	883158	1131696	18.52%	2.058%
27	16.020	1216	1219	1223	rBV	55370	127889	2.09%	0.233%

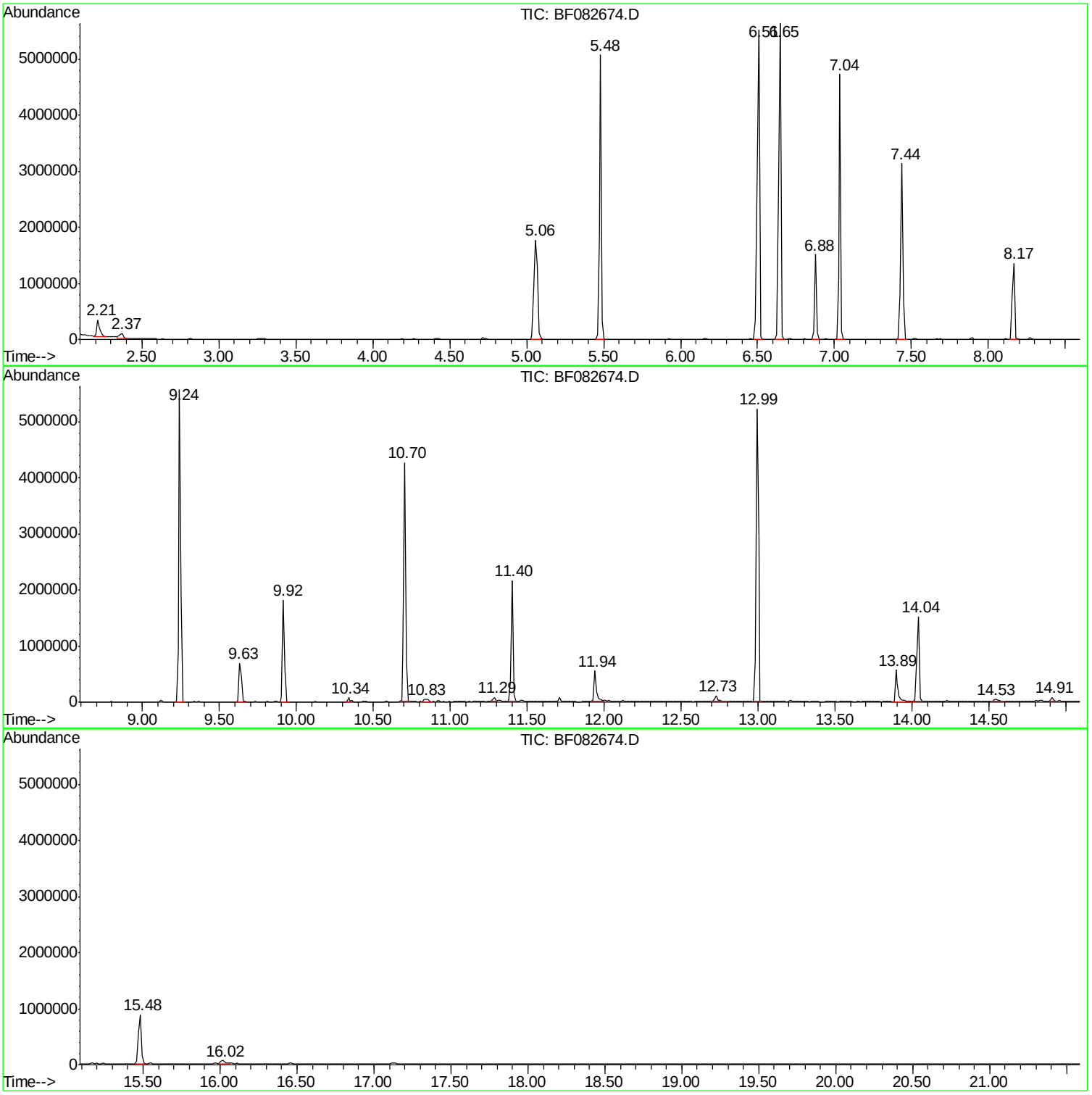
Sum of corrected areas: 54987547

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082674.D
Acq On : 3 Nov 2015 21:44
Operator : UM/IZ
Sample : G4240-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082674.D
Acq On : 3 Nov 2015 21:44
Operator : UM/IZ
Sample : G4240-06
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ClientSampleId : SB-06(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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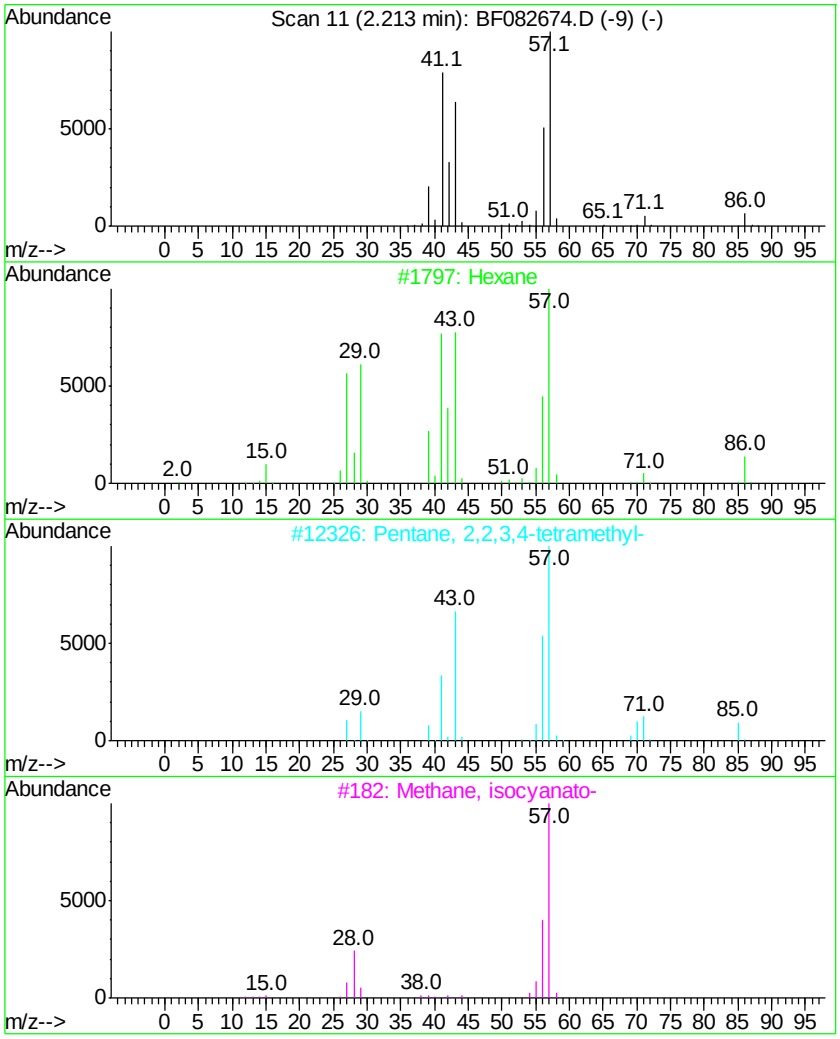
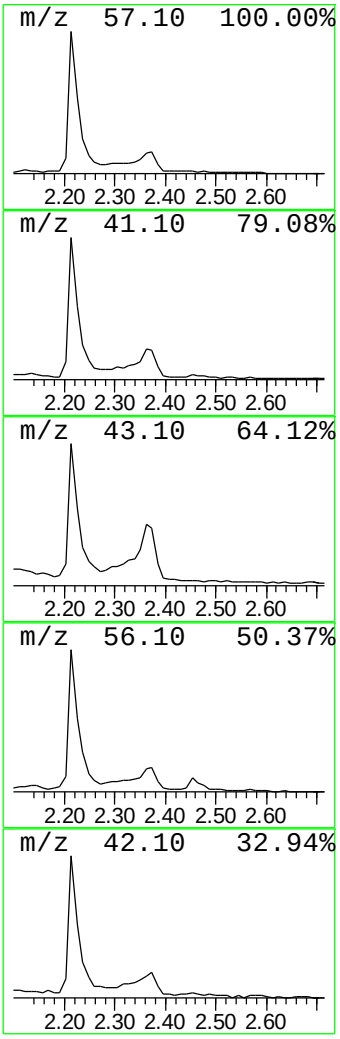
Peak Number 1 Hexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	6.63 ng	399636	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	56
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	42
3	Methane, isocyanato-	57	C2H3NO	000624-83-9	37
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	28
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082674.D
Acq On : 3 Nov 2015 21:44
Operator : UM/IZ
Sample : G4240-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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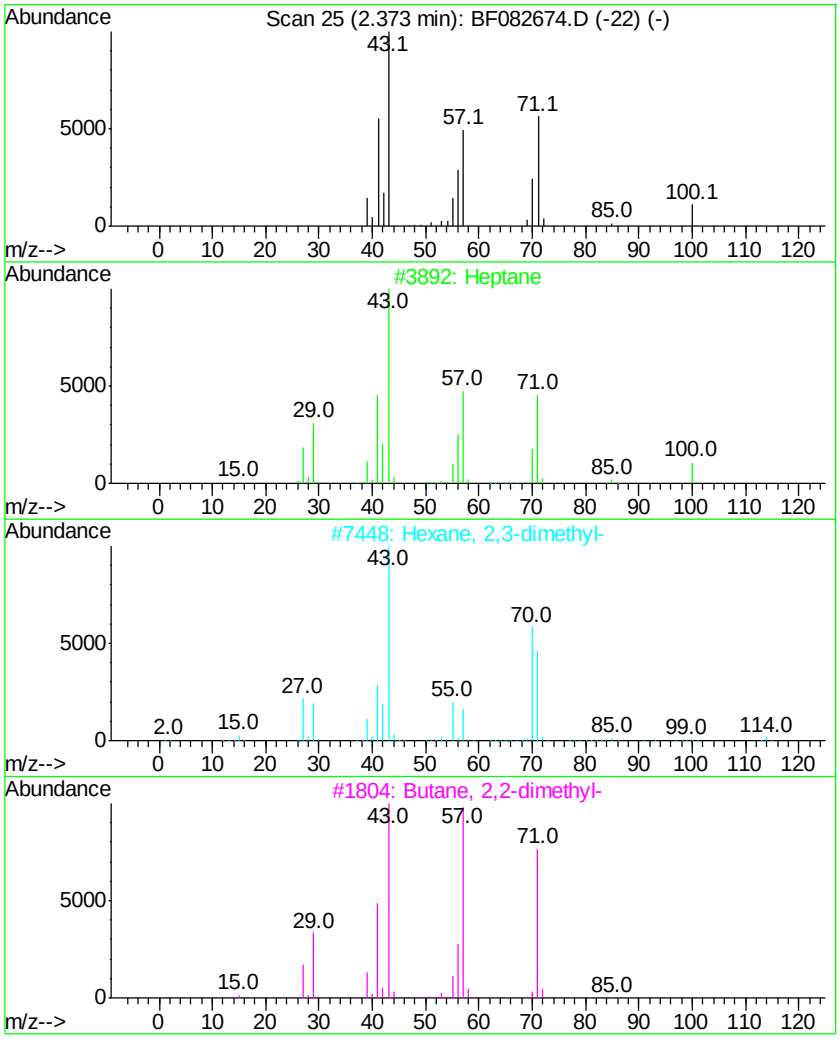
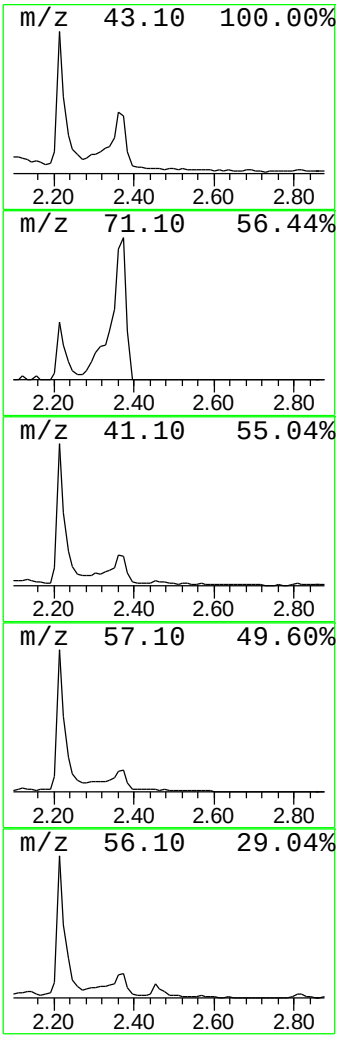
Peak Number 2 Heptane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	2.71 ng	163229	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	87
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	40
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	40
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082674.D
Acq On : 3 Nov 2015 21:44
Operator : UM/IZ
Sample : G4240-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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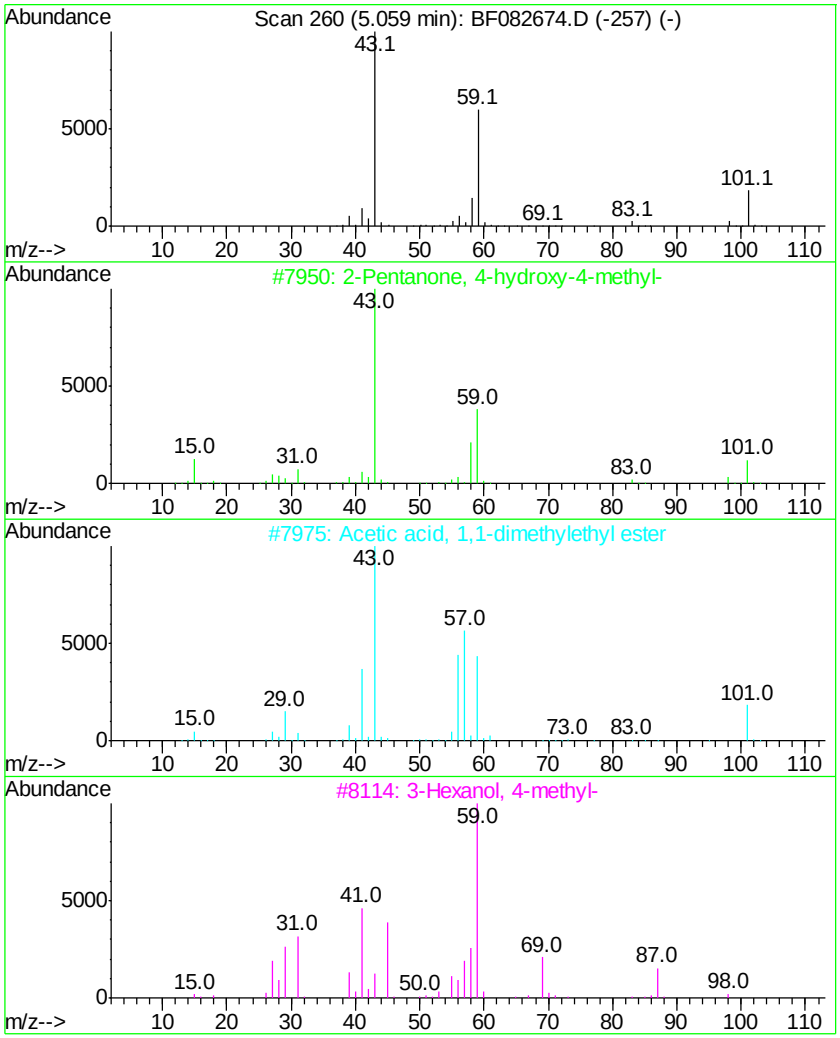
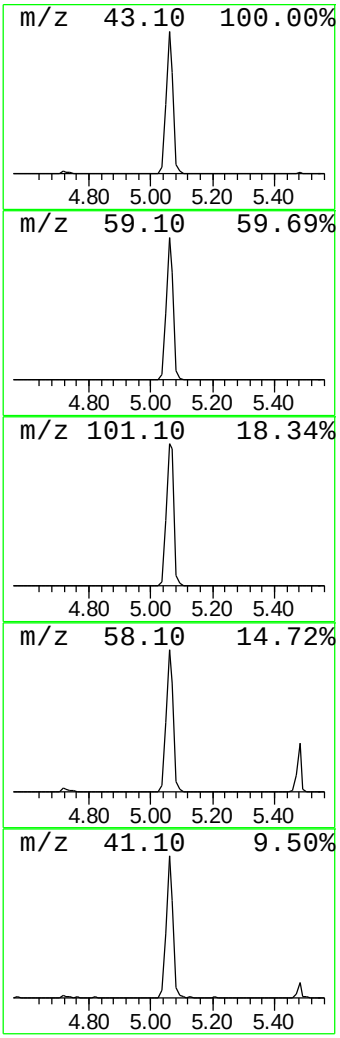
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	47.18 ng	2845510	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082674.D
Acq On : 3 Nov 2015 21:44
Operator : UM/IZ
Sample : G4240-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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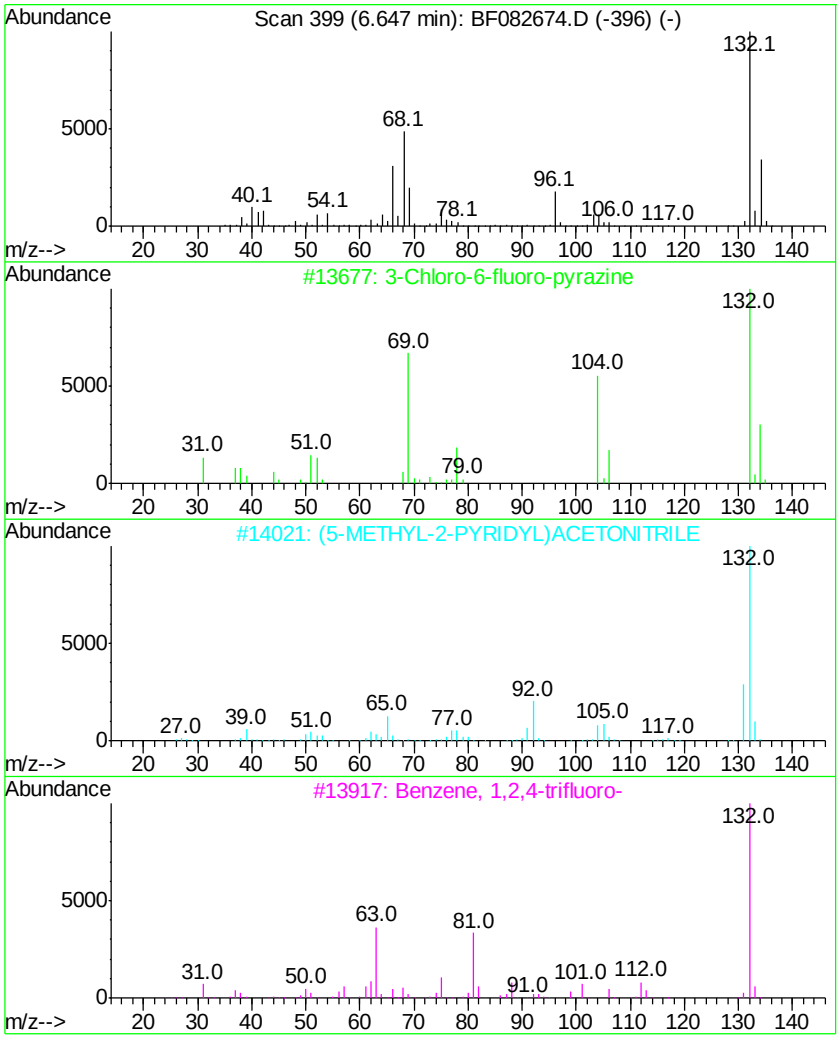
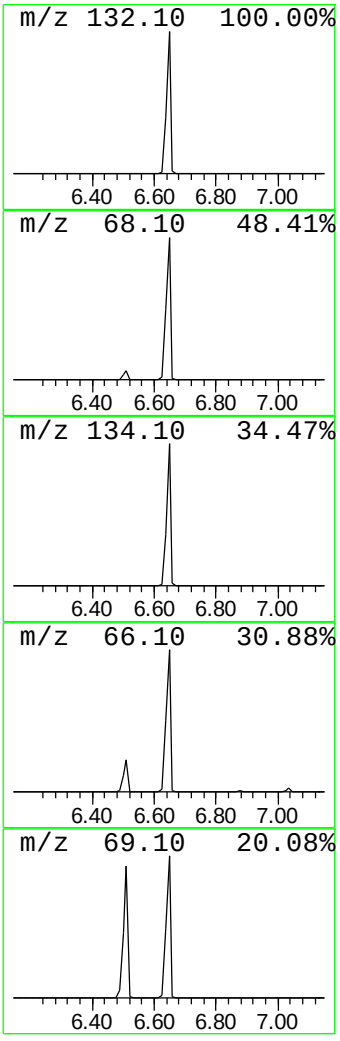
Peak Number 4 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	94.66 ng	5708710	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
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Operator : UM/IZ
Sample : G4240-06
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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TIC Library : C:\DATABASE\NIST02.L
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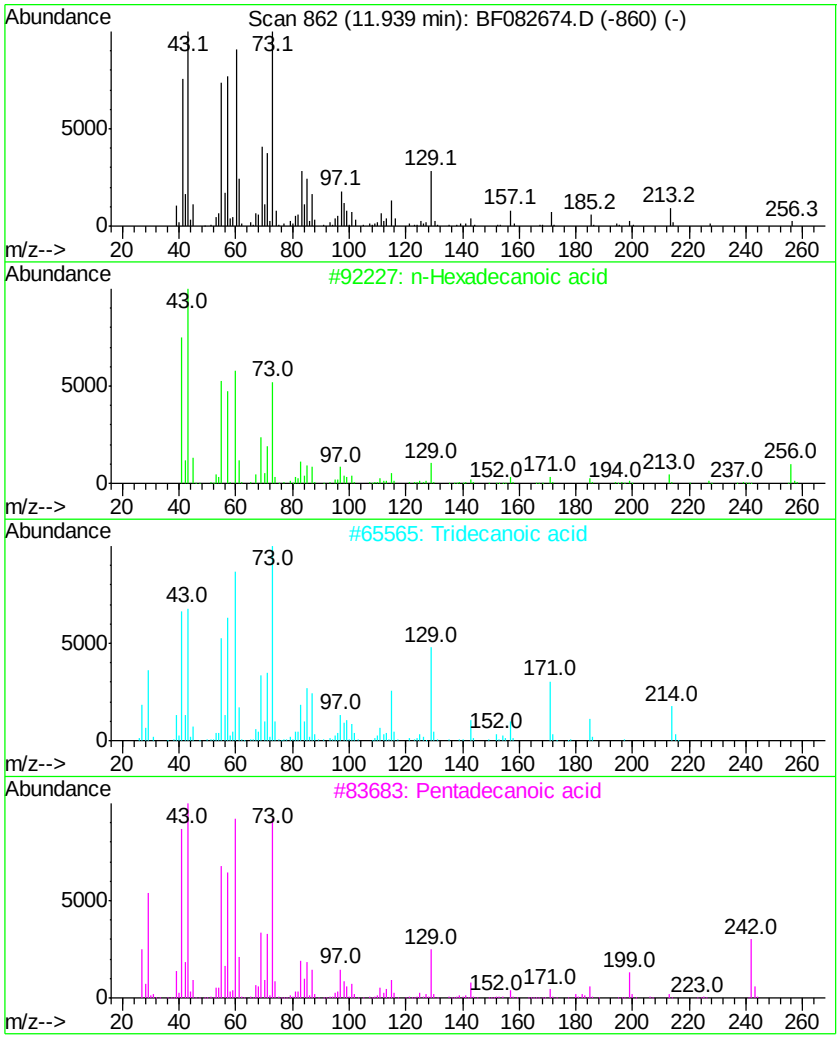
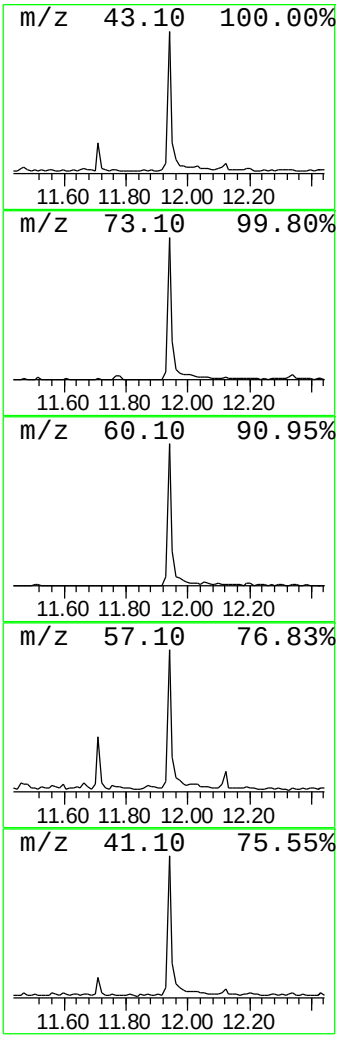
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	6.52 ng	589044	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Operator : UM/IZ
Sample : G4240-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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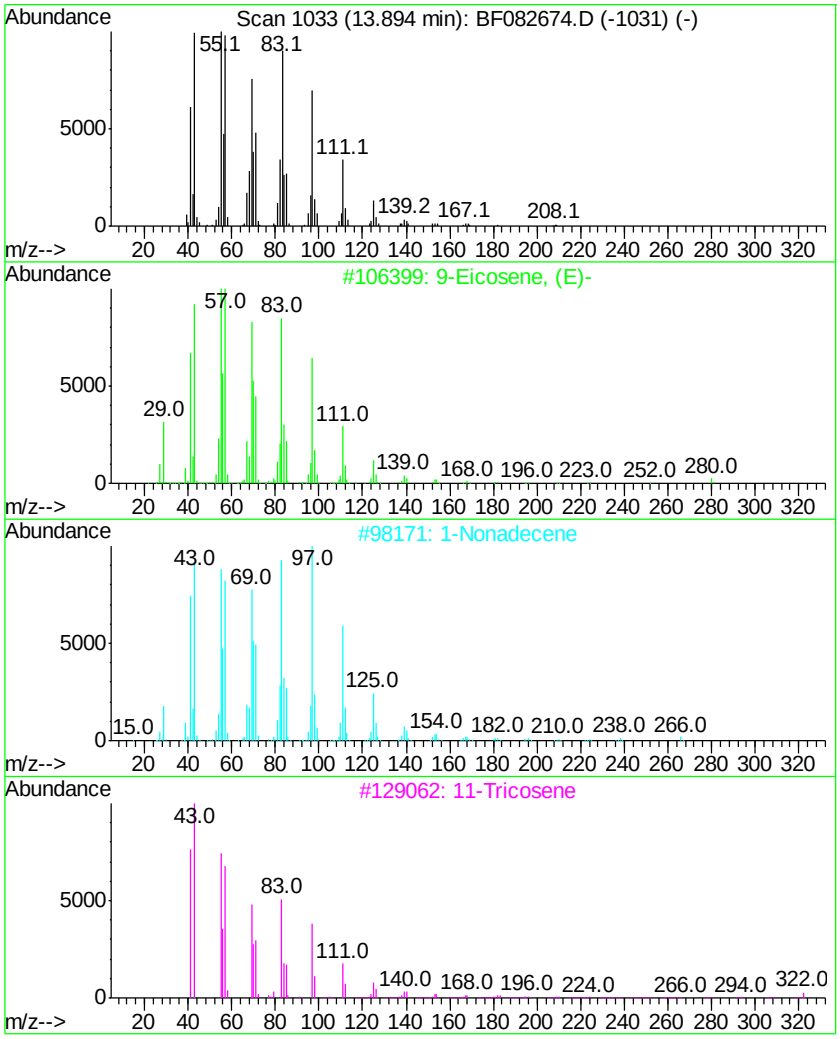
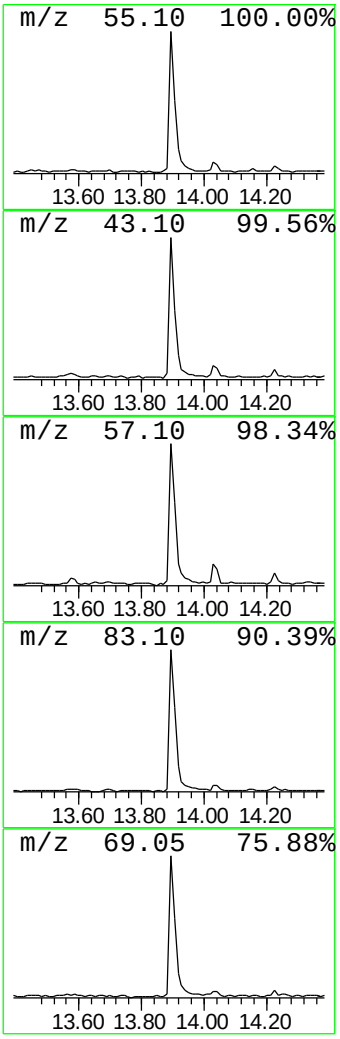
Peak Number 7 9-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	9.95 ng	787137	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	11-Tricosene	322	C23H46	052078-56-5	91
4	1-Heptadecanol	256	C17H36O	001454-85-9	90
5	1-Hexadecanol	242	C16H34O	036653-82-4	90





Library Search Compound Report

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Sample : G4240-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06(14-16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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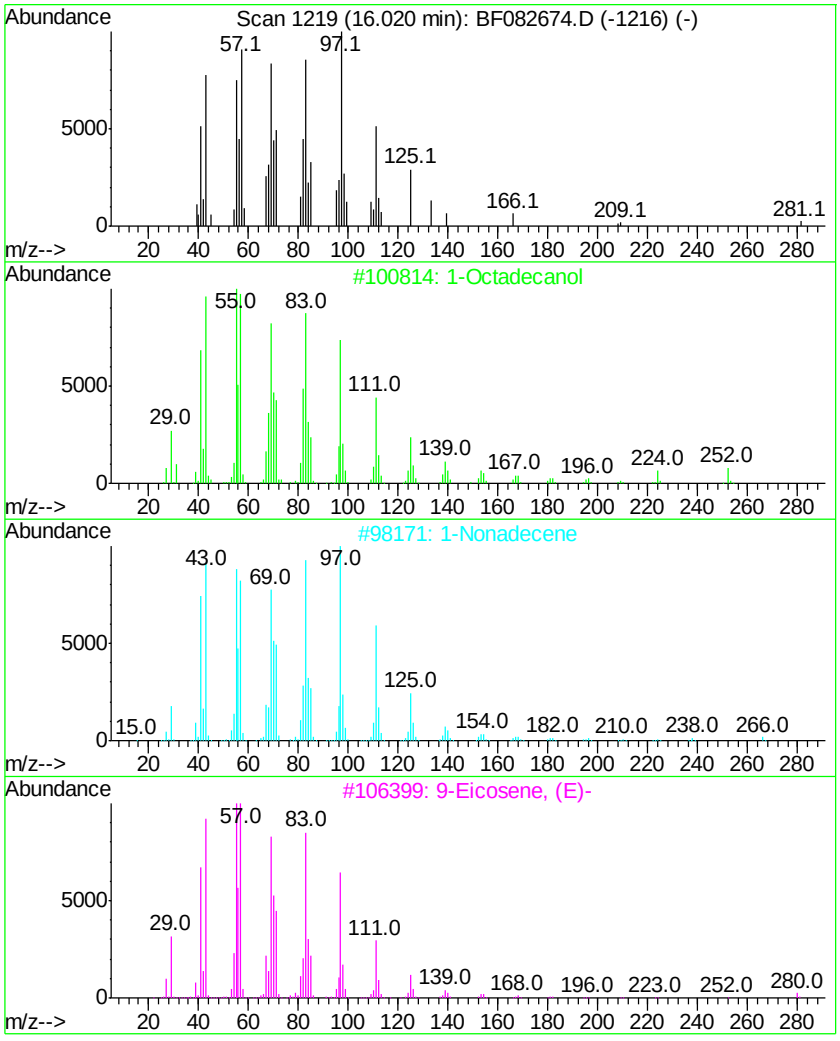
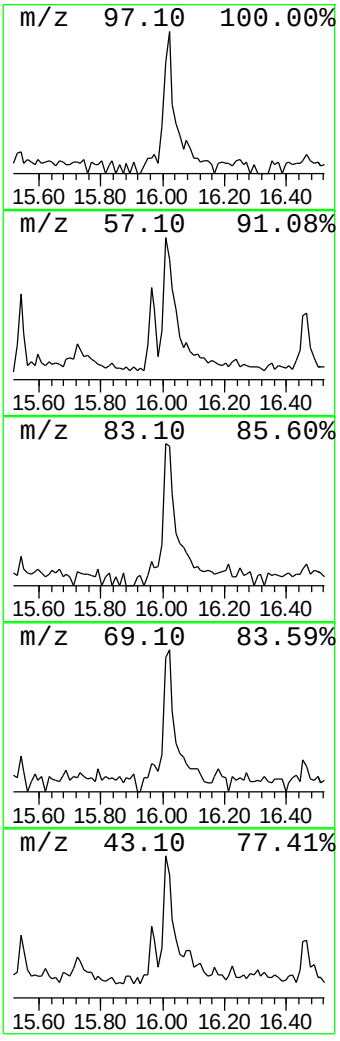
Peak Number 8 1-Octadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.26 ng	127889	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	90
2	1-Nonadecene	266	C19H38	018435-45-5	83
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	80
4	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	80
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Hexane	2.21	6.6	ng	399636	1	6.88	1206140	20.0
Heptane	2.37	2.7	ng	163229	1	6.88	1206140	20.0
2-Pentanone, 4-hy...	5.06	47.2	ng	2845510	1	6.88	1206140	20.0
unknown6.65	6.65	94.7	ng	5708710	1	6.88	1206140	20.0
n-Hexadecanoic acid	11.94	6.5	ng	589044	4	11.40	1807340	20.0
9-Eicosene, (E)-	13.89	9.9	ng	787137	5	14.04	1582070	20.0
1-Octadecanol	16.02	2.3	ng	127889	6	15.48	1131700	20.0