LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088591.D
Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

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-BF063016.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	1.655	3	6	9	rVB	5018506	8619597	100.00%	16.846%
2	1.735	12	13	23	rVB	587094	893468	10.37%	1.746%
3	1.873	23	25	38	rVB	2258834	4960679	57.55%	9.695%
4	2.044	38	40	74	rVB2	133971	747894	8.68%	1.462%
5	3.130	125	135	137	rBV	243698	983387	11.41%	1.922%
6	4.993	295	298	303	rVB	188731	328818	3.81%	0.643%
7	5.404	331	334	336	rBV	2667037	3451677	40.04%	6.746%
8	6.444	422	425	428	rVB	2881843	3395398	39.39%	6.636%
9	6.582	433	437	439	rBV	3126149	3933156	45.63%	7.687%
10	6.810	455	457	459	rBV	896270	837502	9.72%	1.637%
11	6.970	468	471	473	rVB	2561825	3066970	35.58%	5.994%
12	7.370	503	506	509	rBV	2002262	2266344	26.29%	4.429%
13	7.805	540	544	547	rBV3	46140	132538	1.54%	0.259%
14	8.090	567	569	571	rBV	1303344	1130570	13.12%	2.210%
15	9.176	661	664	666	rBV	3610124	4311162	50.02%	8.426%
16	9.565	696	698	700	rBV	410162	422403	4.90%	0.826%
17	9.839	720	722	724	rBV	1127475	1107562	12.85%	2.165%
18	10.628	788	791	793	rBV	2148694	2170988	25.19%	4.243%
19	10.753	801	802	807	rVB	95583	153356	1.78%	0.300%
20	11.199	840	841	843	rBV	142347	145481	1.69%	0.284%
21	11.313	849	851	854	rBV	731046	1049085	12.17%	2.050%
22	11.622	877	878	882	rVV	93679	140640	1.63%	0.275%
23	11.851	896	898	900	rBV2	61159	88654	1.03%	0.173%
24	12.422	945	948	953	rVB4	115745	278573	3.23%	0.544%
25	12.525	954	957	959	rVB	227665	216018	2.51%	0.422%
26	12.754	974	977	979	rBV	137661	214655	2.49%	0.420%
27	12.902	988	990	993	rVB	2394419	2937659	34.08%	5.741%
28	13.394	1030	1033	1038	rBV	323445	686424	7.96%	1.342%
29	13.462	1038	1039	1044	rVB2	74587	129822	1.51%	0.254%
30	13.817	1068	1070	1077	rVB	196707	289524	3.36%	0.566%
31	13.942	1078	1081	1087	rVB	1016483	1122140	13.02%	2.193%
32	14.948	1166	1169	1174	rBV	95478	197737	2.29%	0.386%
33	15.280	1196	1198	1201	rBV	64602	87335	1.01%	0.171%
34	15.348	1201	1204	1206	rBV	560058	668523	7.76%	1.307%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088591.D
Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 51165739

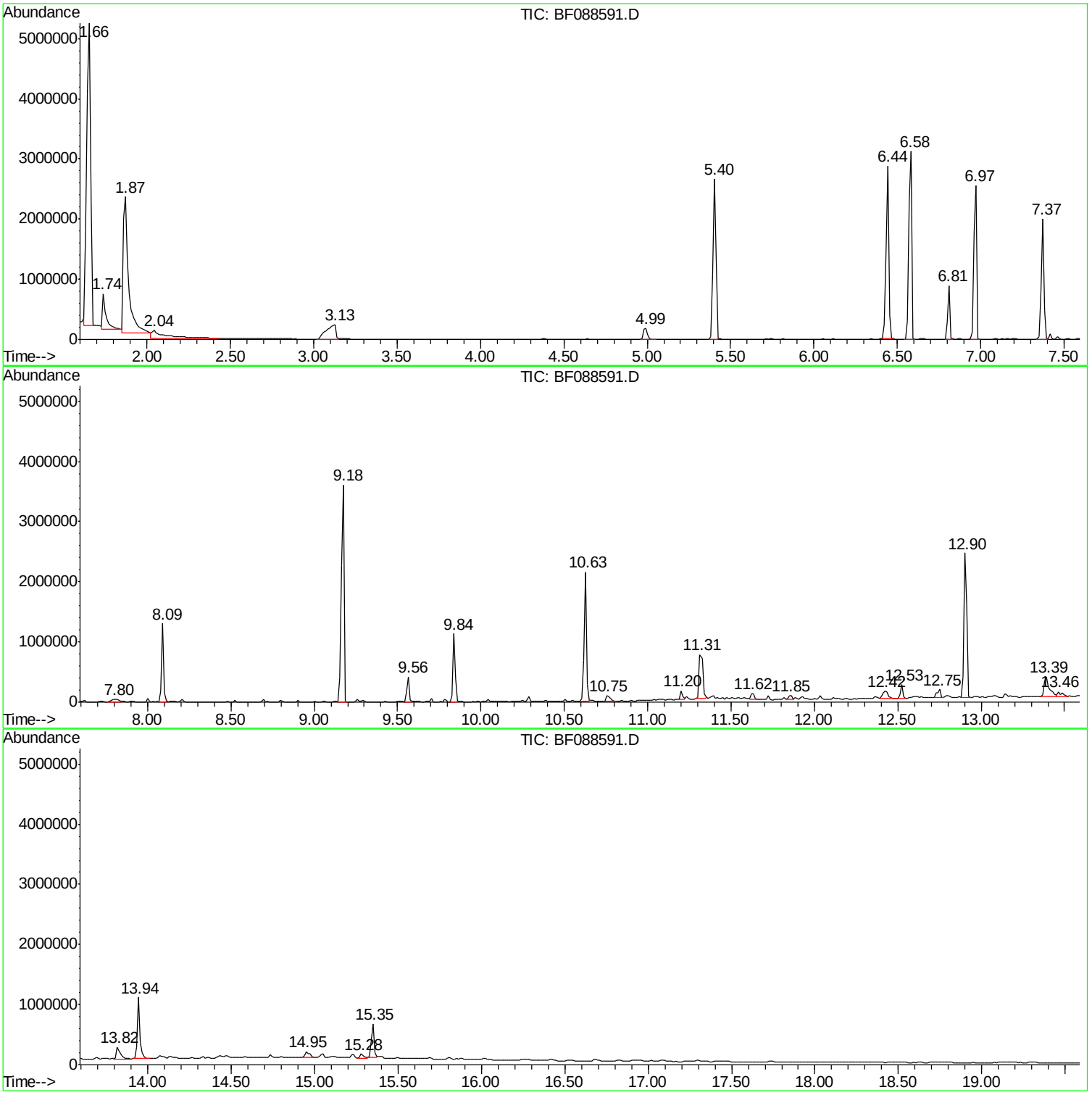
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088591.D
Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BF088591.D
Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
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Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

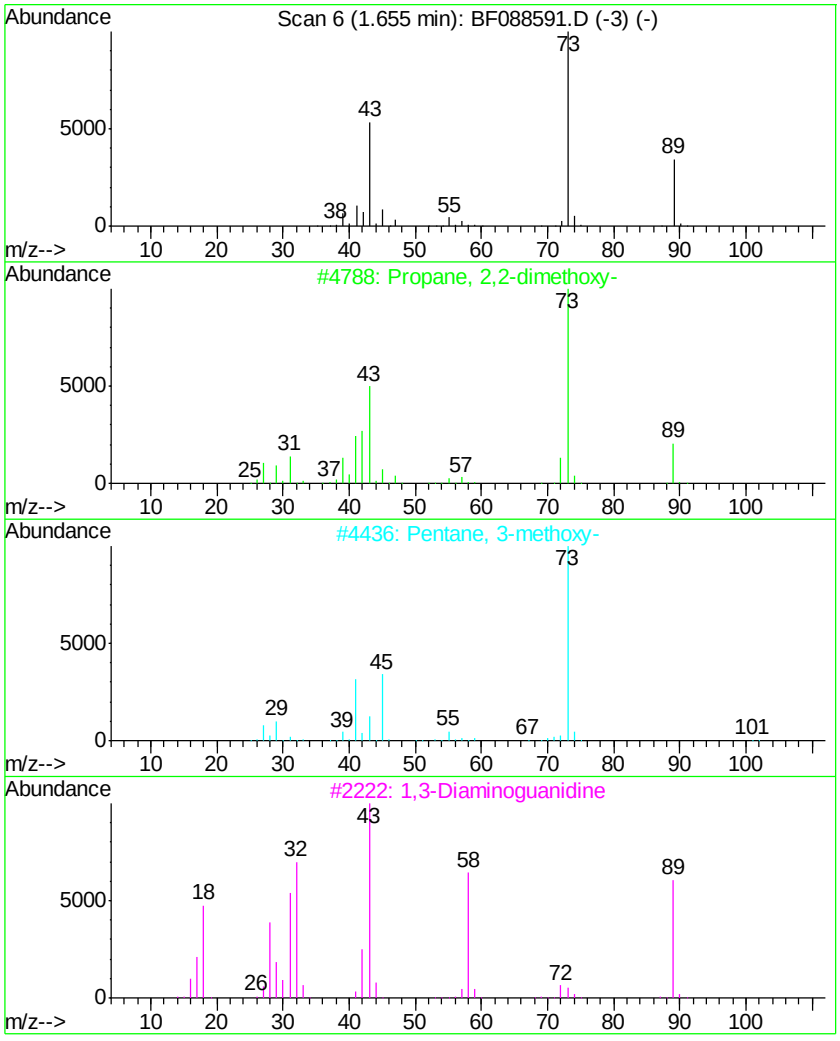
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

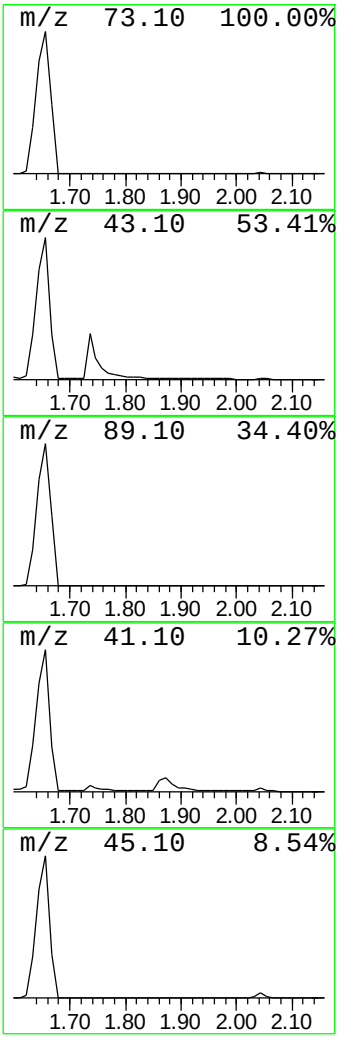
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.66	205.84 ng	8619600	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088591.D
Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

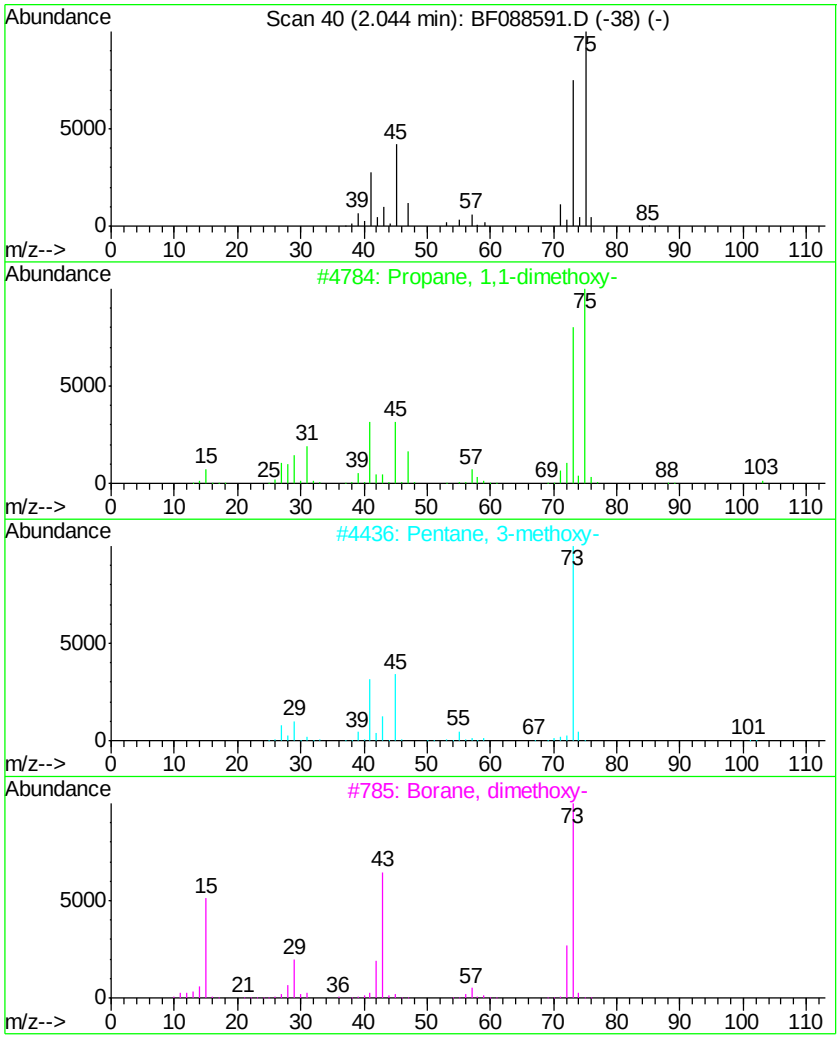
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

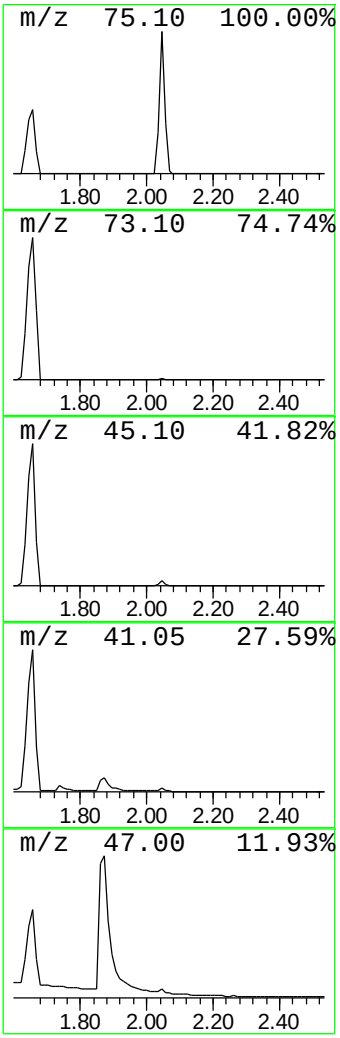
****

Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.04	17.86 ng	747894	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	50
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	27
3	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088591.D
Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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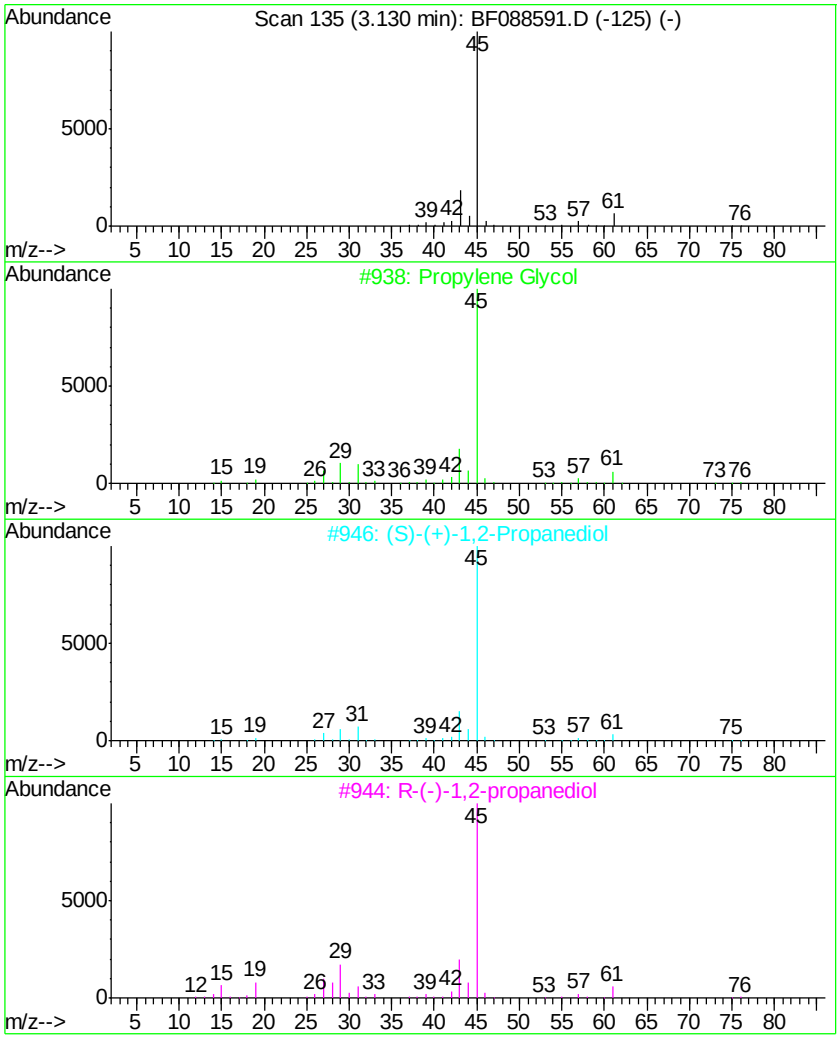
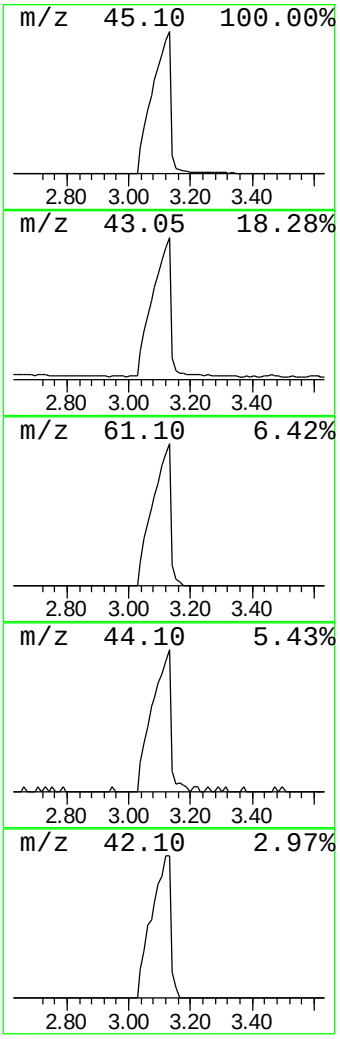
Peak Number 5 Propylene Glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	23.48 ng	983387	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	9
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9





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Data File : BF088591.D
Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

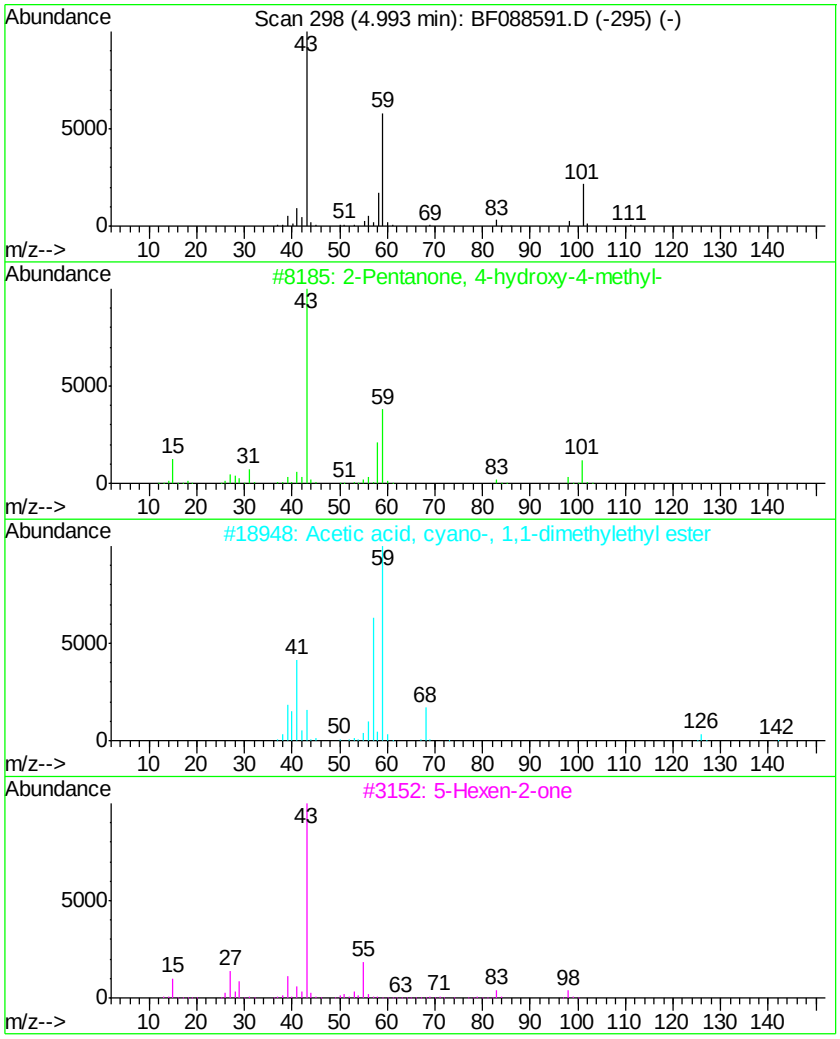
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

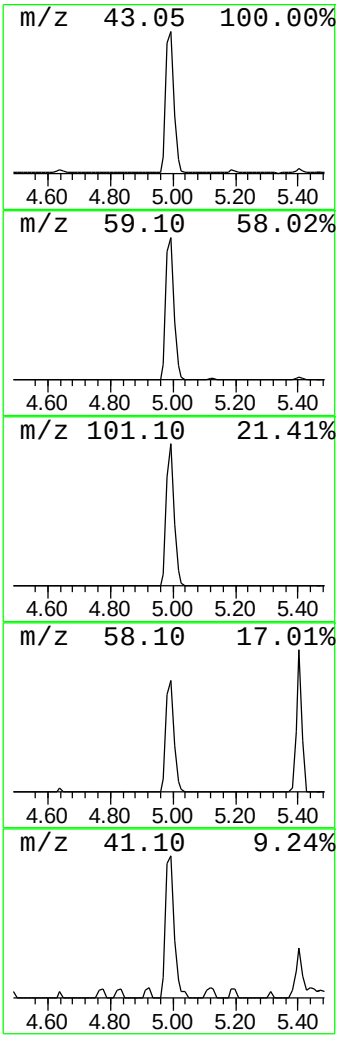
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	7.85 ng	328818	1,4-Dichlorobenzene-d4	6.81

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9





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Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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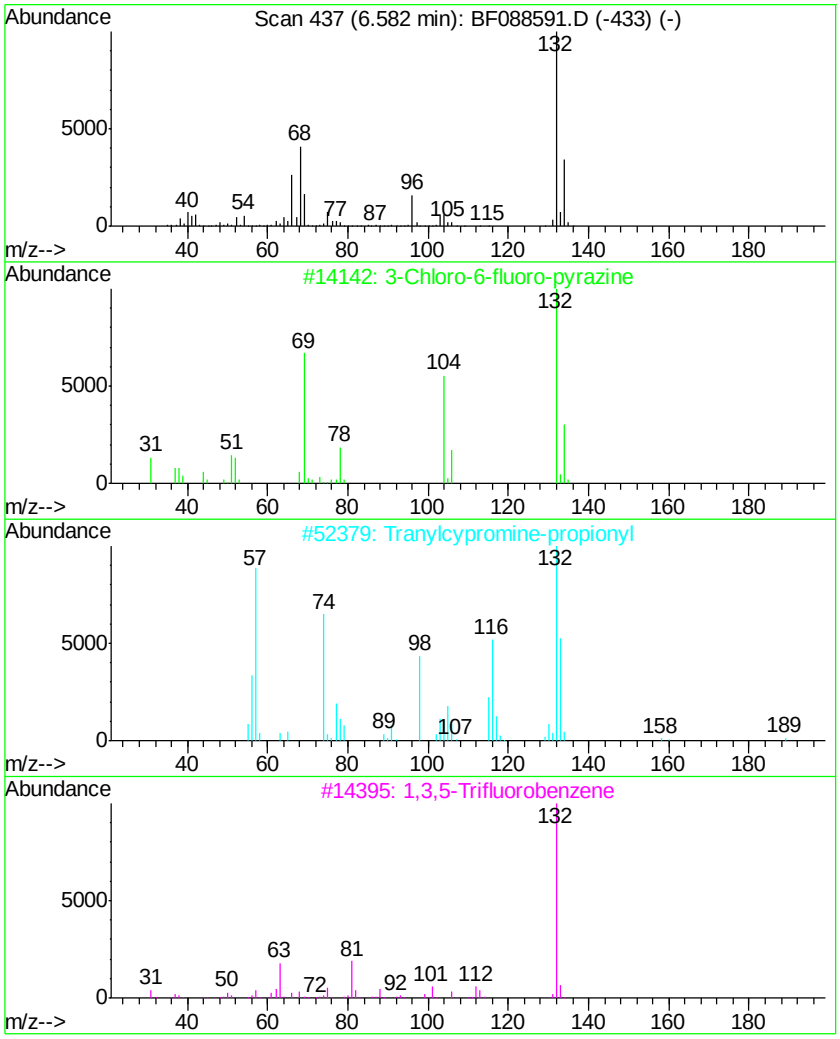
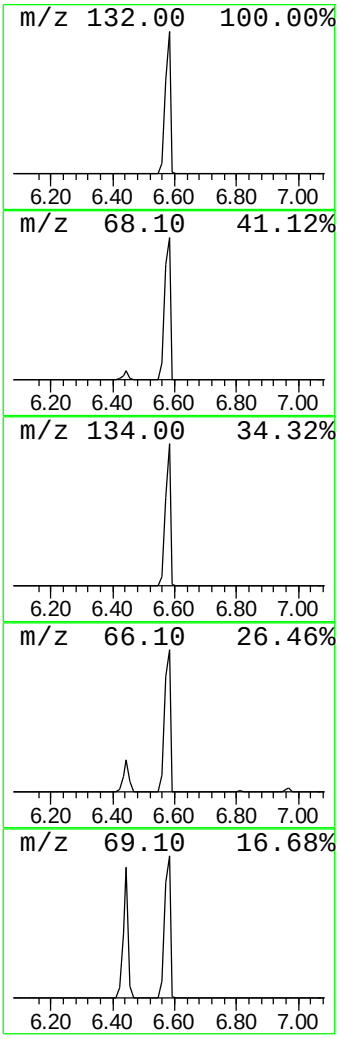
Peak Number 7 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	93.93 ng	3933160	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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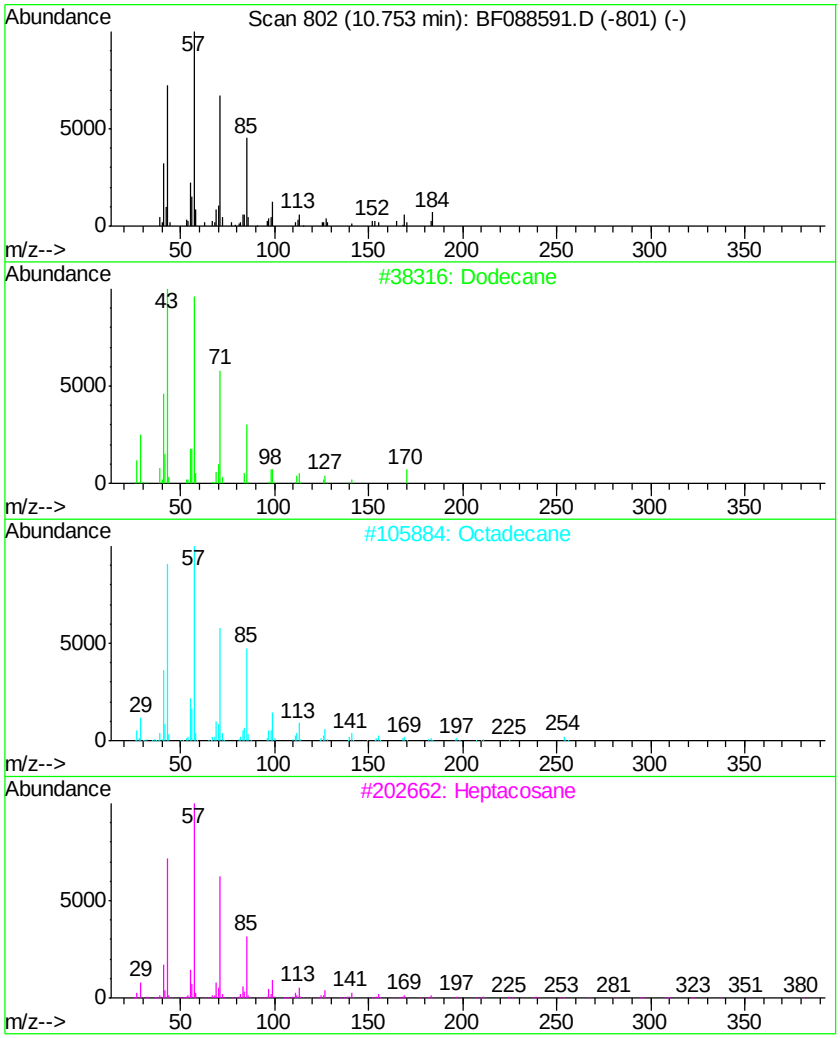
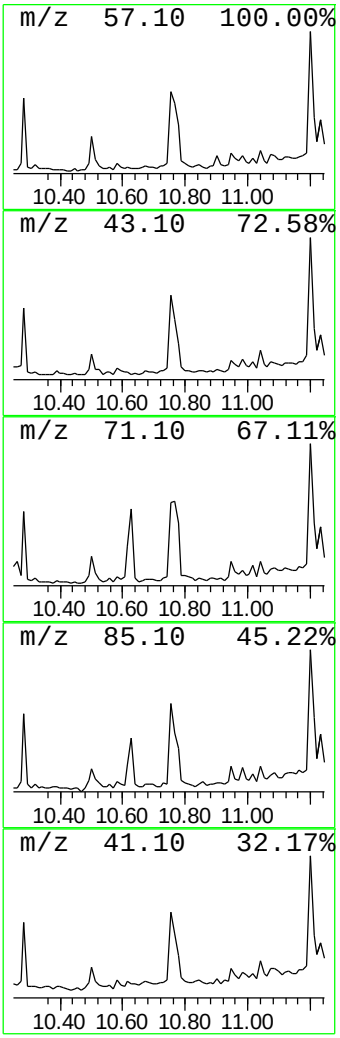
Peak Number 9 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.92 ng	153356	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Octadecane	254	C18H38	000593-45-3	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088591.D
Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
Misc :
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Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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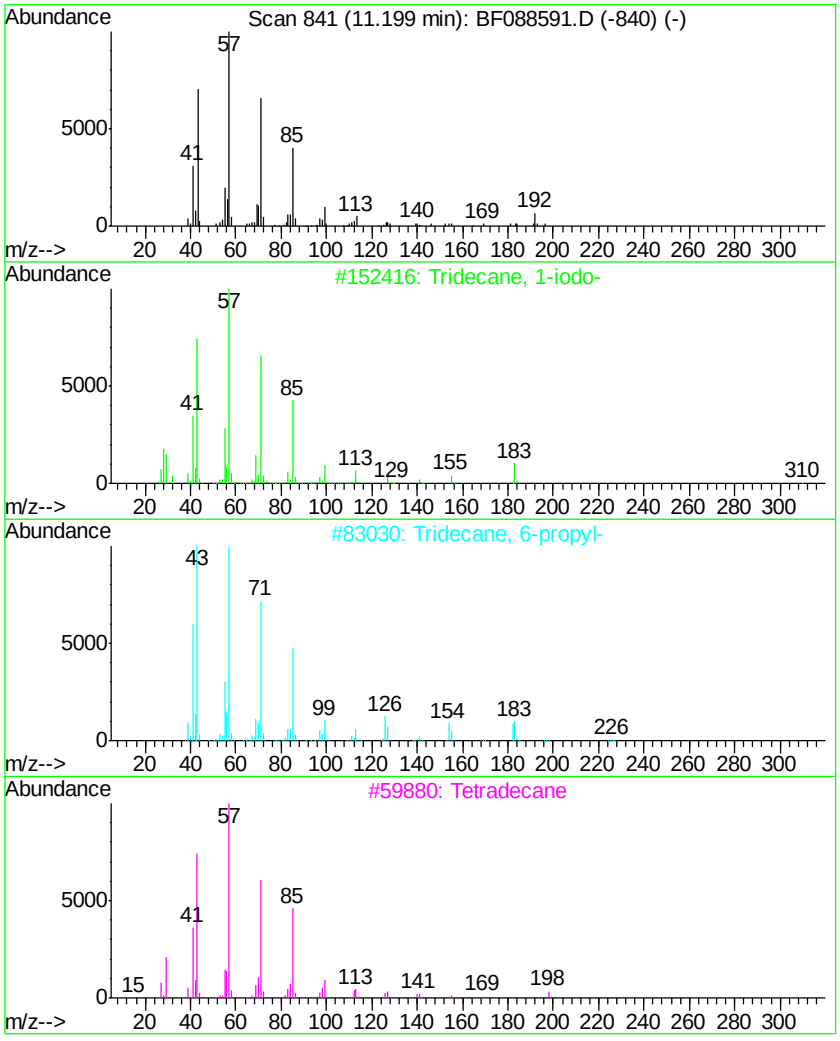
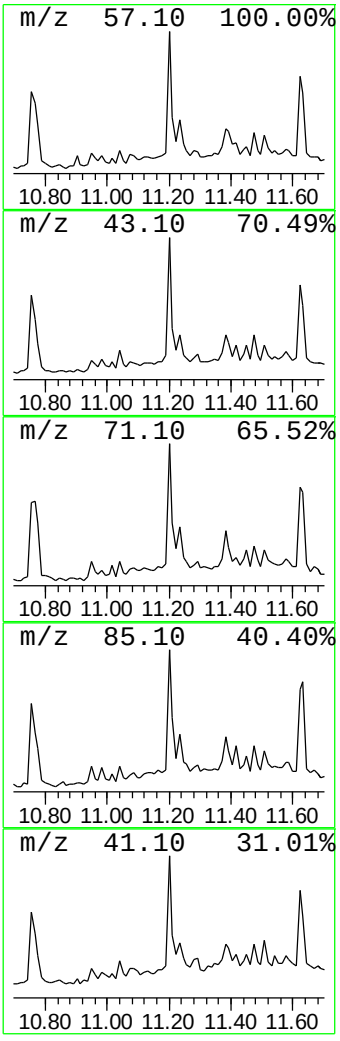
Peak Number 10 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.77 ng	145481	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
3	Tetradecane	198	C14H30	000629-59-4	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Pentadecane	212	C15H32	000629-62-9	80





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Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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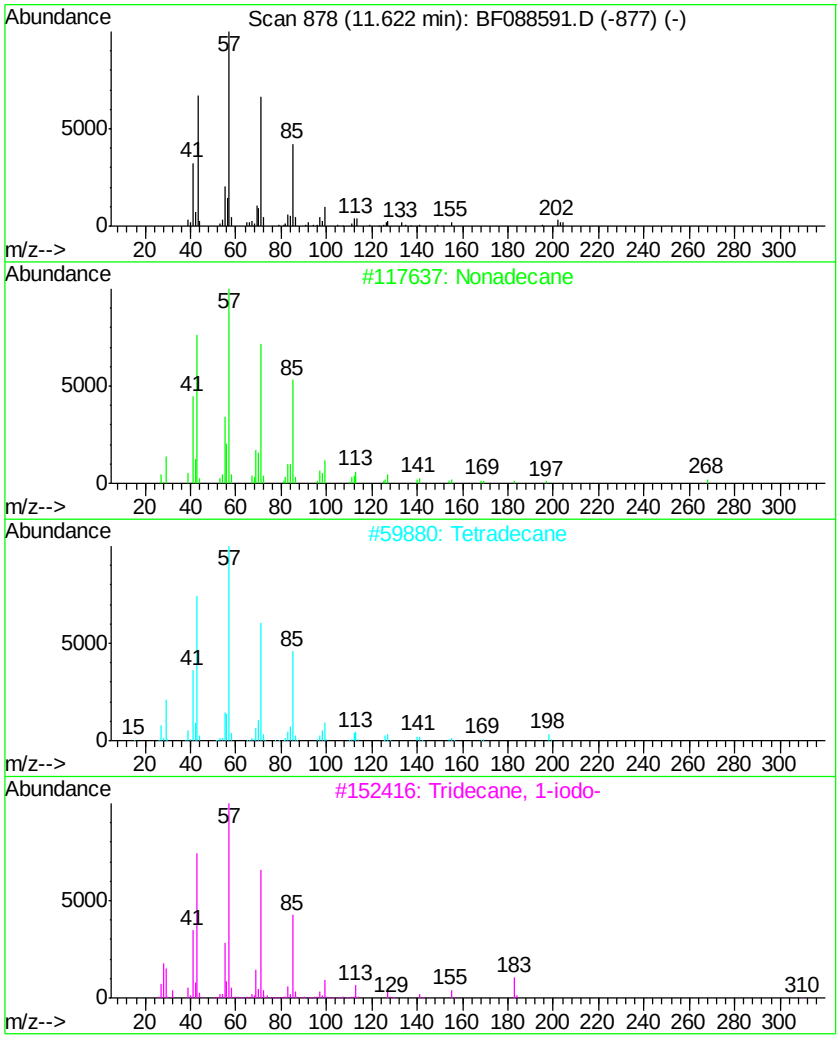
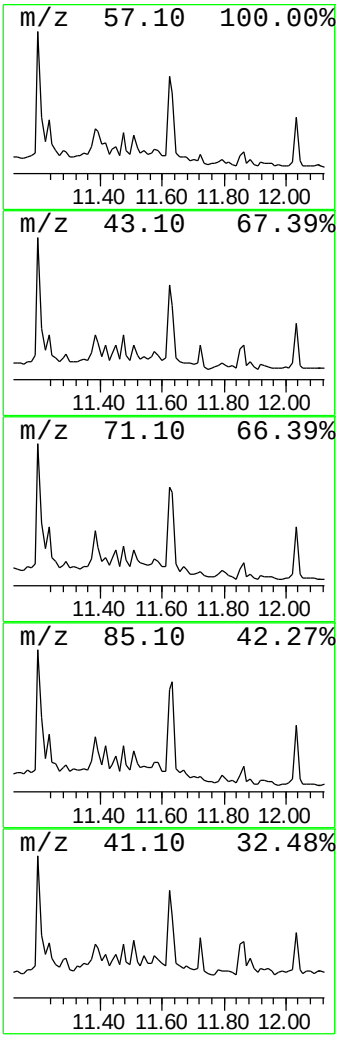
Peak Number 11 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	2.68 ng	140640	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	80
2	Tetradecane	198	C14H30	000629-59-4	78
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088591.D
Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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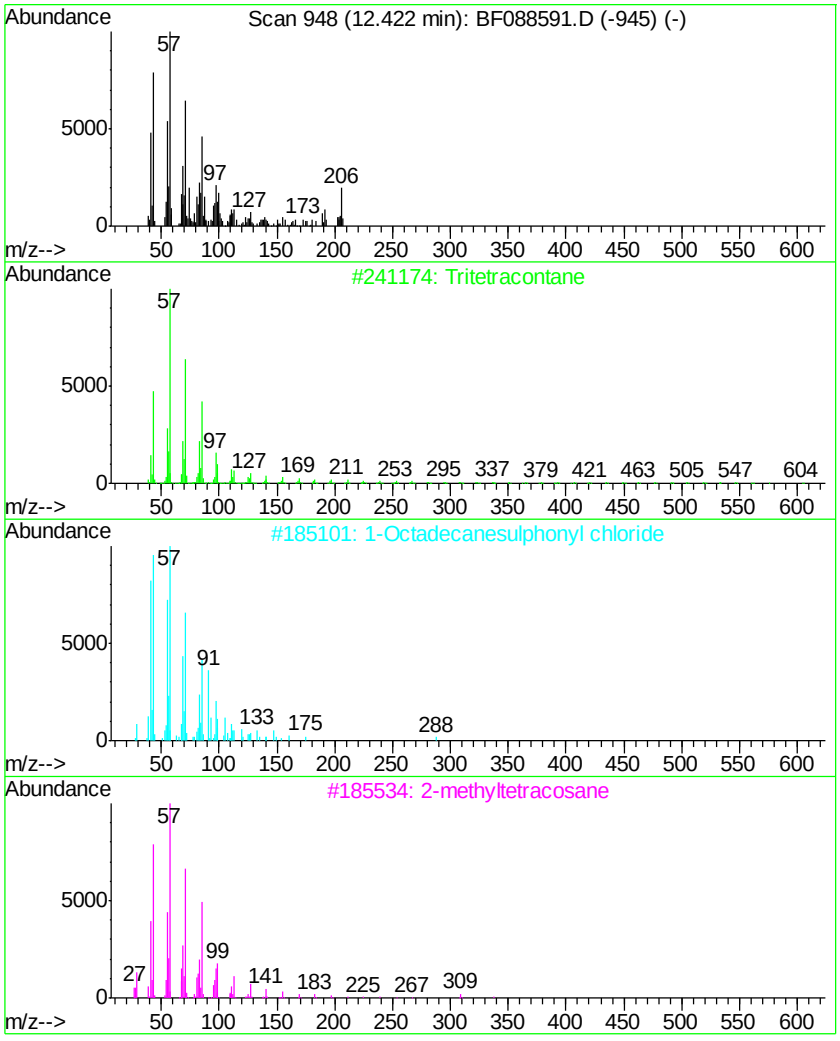
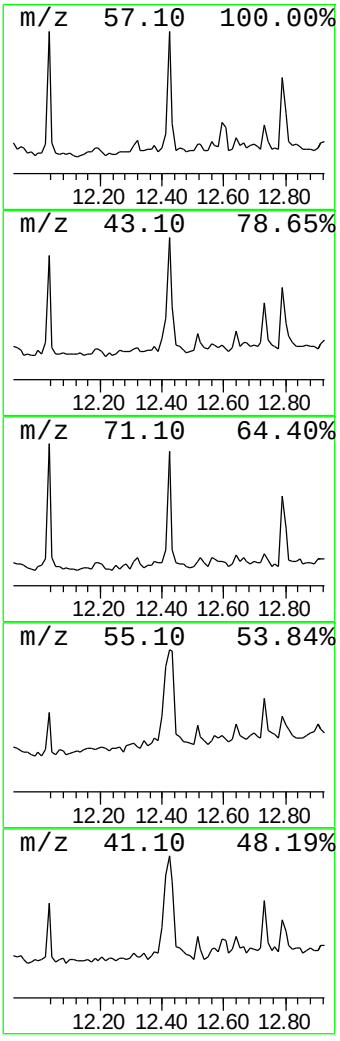
Peak Number 12 Tritetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.31 ng	278573	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	58
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58
3	2-methyltetracosane	352	C25H52	1000376-72-6	58
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	52
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	52





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Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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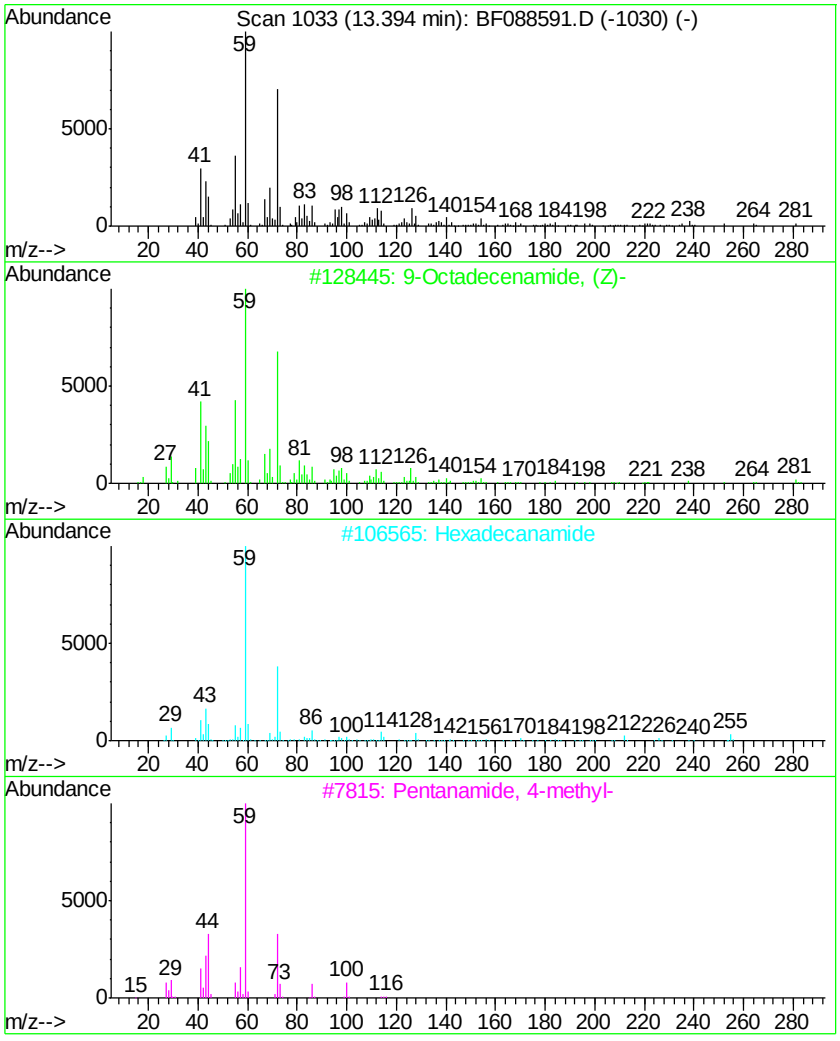
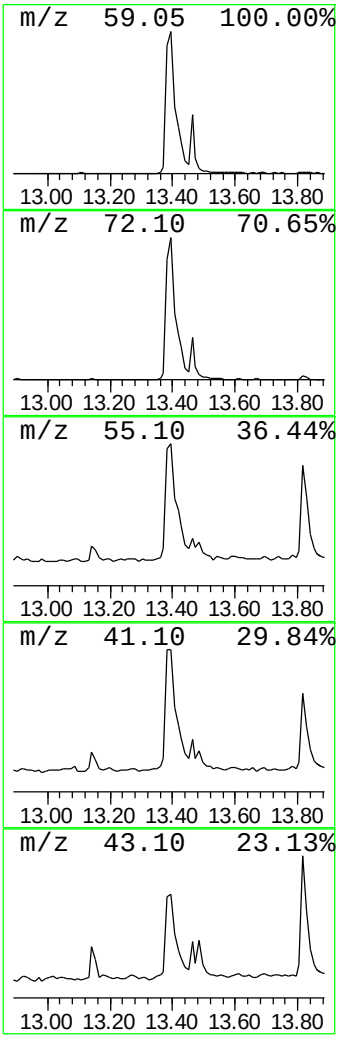
Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	12.23 ng	686424	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Hexadecanamide	255	C16H33NO	000629-54-9	72
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	53
4	2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	43
5	Dodecanamide	199	C12H25NO	001120-16-7	38





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Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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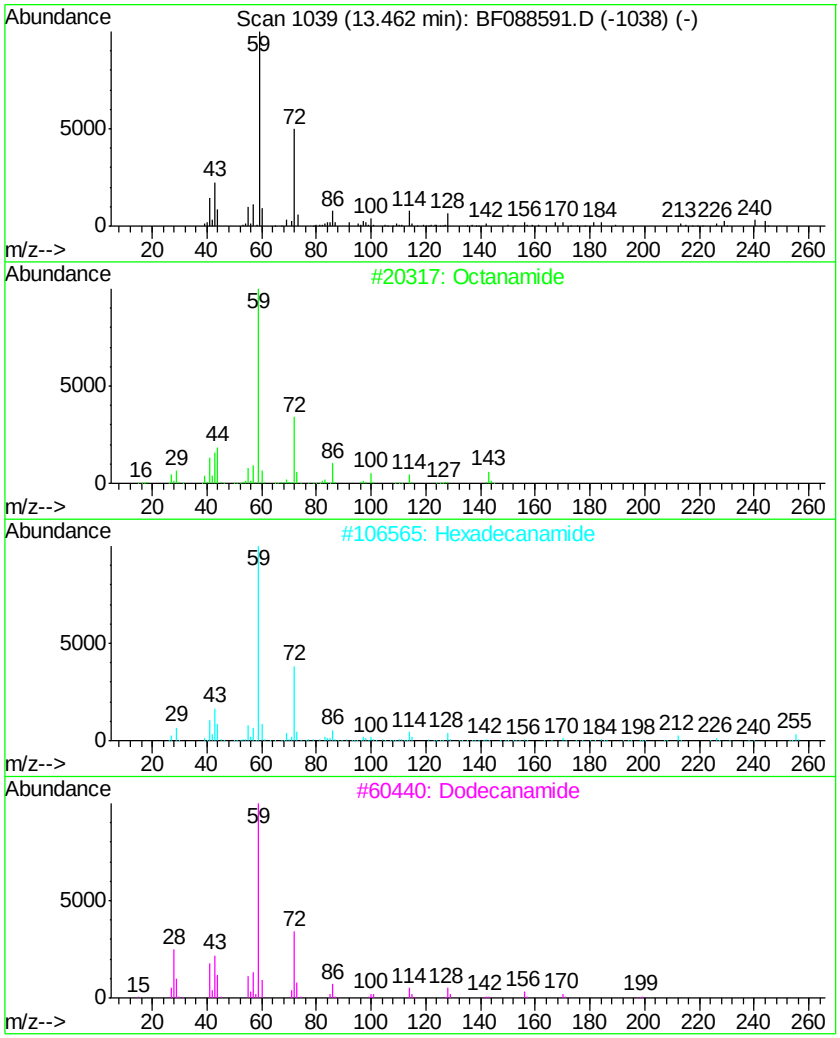
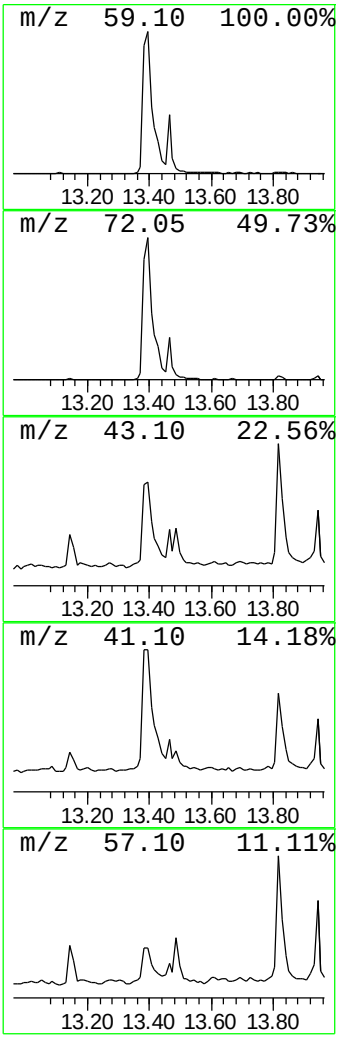
Peak Number 14 Octanamide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.31 ng	129822	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanamide	143	C8H17NO	000629-01-6	72
2	Hexadecanamide	255	C16H33NO	000629-54-9	64
3	Dodecanamide	199	C12H25NO	001120-16-7	64
4	Tetradecanamide	227	C14H29NO	000638-58-4	64
5	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	59





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Data File : BF088591.D
Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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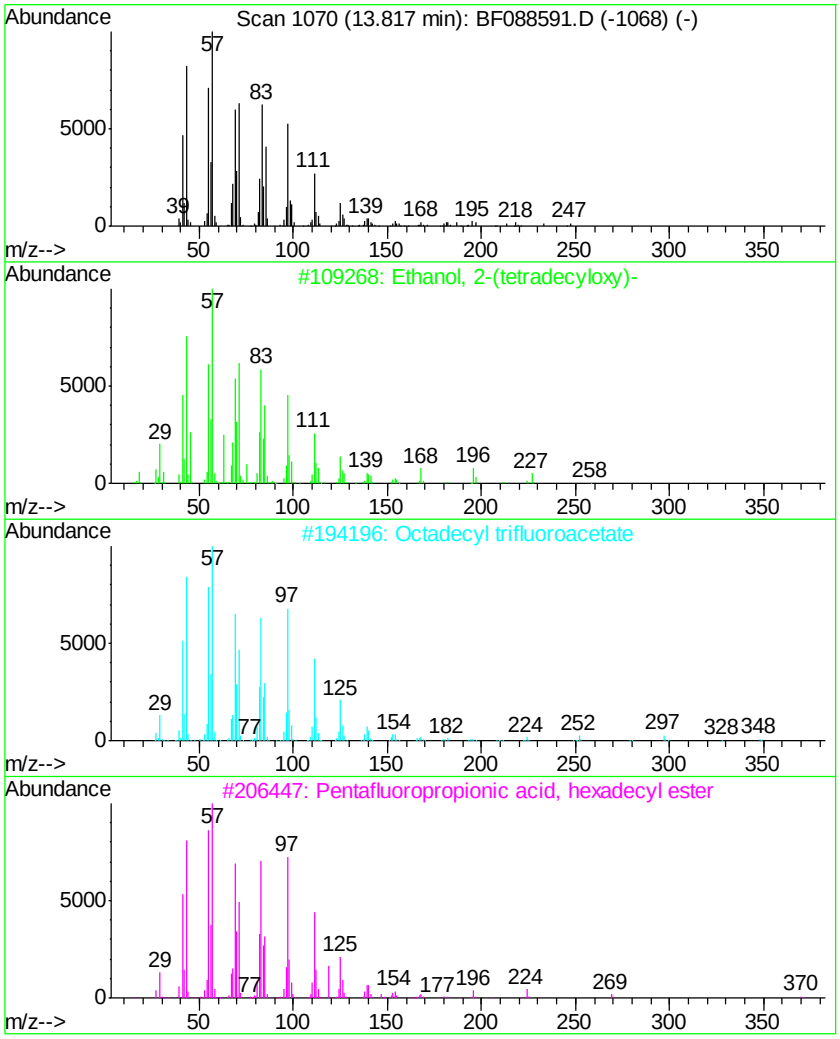
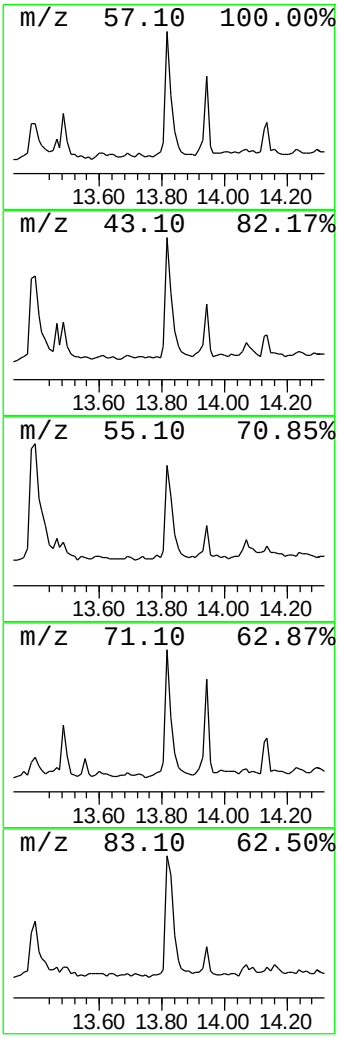
Peak Number 15 Ethanol, 2-(tetradecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.16 ng	289524	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	81
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	81
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	81
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088591.D
Acq On : 1 Jul 2016 23:39
Operator : UM/SJ
Sample : H3816-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.66	205.8	ng	8619600	1	6.81	837502	20.0
Propane, 1,1-dime...	2.04	17.9	ng	747894	1	6.81	837502	20.0
Propylene Glycol	3.13	23.5	ng	983387	1	6.81	837502	20.0
2-Pentanone, 4-hy...	4.99	7.8	ng	328818	1	6.81	837502	20.0
unknown6.58	6.58	93.9	ng	3933160	1	6.81	837502	20.0
Dodecane	10.75	2.9	ng	153356	4	11.32	1049090	20.0
Tridecane, 1-iodo-	11.20	2.8	ng	145481	4	11.32	1049090	20.0
Nonadecane	11.62	2.7	ng	140640	4	11.32	1049090	20.0
Tritetracontane	12.42	5.3	ng	278573	4	11.32	1049090	20.0
9-Octadecenamide,...	13.39	12.2	ng	686424	5	13.94	1122140	20.0
Octanamide	13.46	2.3	ng	129822	5	13.94	1122140	20.0
Ethanol, 2-(tetra...	13.82	5.2	ng	289524	5	13.94	1122140	20.0