LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081754.D
Acq On : 22 Sep 2015 23:42
Operator : UM/IZ
Sample : G3747-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-2-3

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-BF090115.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	1.212	8	11	14	rVB	1041114	1054051	20.96%	5.984%
2	1.281	16	17	28	rVB3	22875	60712	1.21%	0.345%
3	1.430	28	30	36	rBV	151218	394436	7.84%	2.239%
4	1.521	36	38	85	rVB	1394413	5028483	100.00%	28.549%
5	4.413	287	291	307	rVV	225772	651203	12.95%	3.697%
6	5.304	366	369	391	rBV	540472	1125039	22.37%	6.387%
7	7.579	564	568	572	rBV	633972	1127598	22.42%	6.402%
8	7.659	572	575	583	rVB	710061	1254477	24.95%	7.122%
9	8.139	614	617	623	rVB	144953	257284	5.12%	1.461%
10	8.459	641	645	655	rBB	540576	872989	17.36%	4.956%
11	9.442	727	731	740	rBV	433361	772849	15.37%	4.388%
12	11.031	867	870	874	rBV	198452	322496	6.41%	1.831%
13	13.682	1097	1102	1105	rBV	702252	1248065	24.82%	7.086%
14	14.734	1191	1194	1200	rVB	104460	168407	3.35%	0.956%
15	15.157	1228	1231	1239	rVB2	182729	326162	6.49%	1.852%
16	17.065	1394	1398	1408	rBV	397044	745657	14.83%	4.233%
17	17.706	1450	1454	1460	rBV	26672	86271	1.72%	0.490%
18	18.666	1534	1538	1541	rBV	182389	302788	6.02%	1.719%
19	19.626	1619	1622	1626	rBV	32249	58065	1.15%	0.330%
20	20.437	1689	1693	1698	rBV	54276	124376	2.47%	0.706%
21	21.386	1772	1776	1782	rVB2	28785	60043	1.19%	0.341%
22	22.049	1831	1834	1837	rBV	814969	950848	18.91%	5.398%
23	23.295	1940	1943	1944	rBV	113263	138408	2.75%	0.786%
24	23.329	1944	1946	1952	rVB	228091	276095	5.49%	1.567%
25	24.769	2070	2072	2075	rBV	198570	206981	4.12%	1.175%

Sum of corrected areas: 17613783

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081754.D
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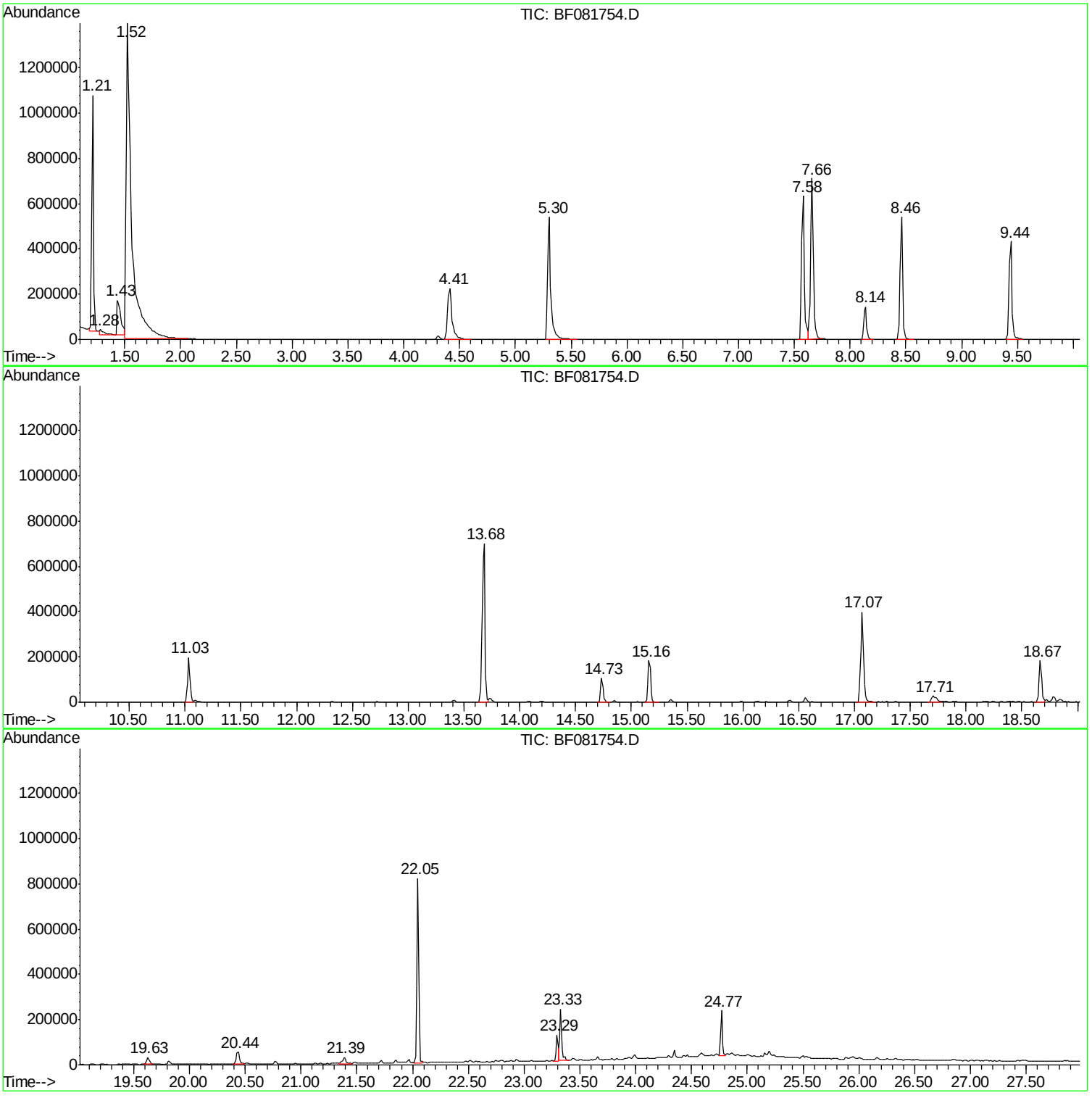
Operator : UM/IZ
Sample : G3747-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081754.D
Acq On : 22 Sep 2015 23:42
Operator : UM/IZ
Sample : G3747-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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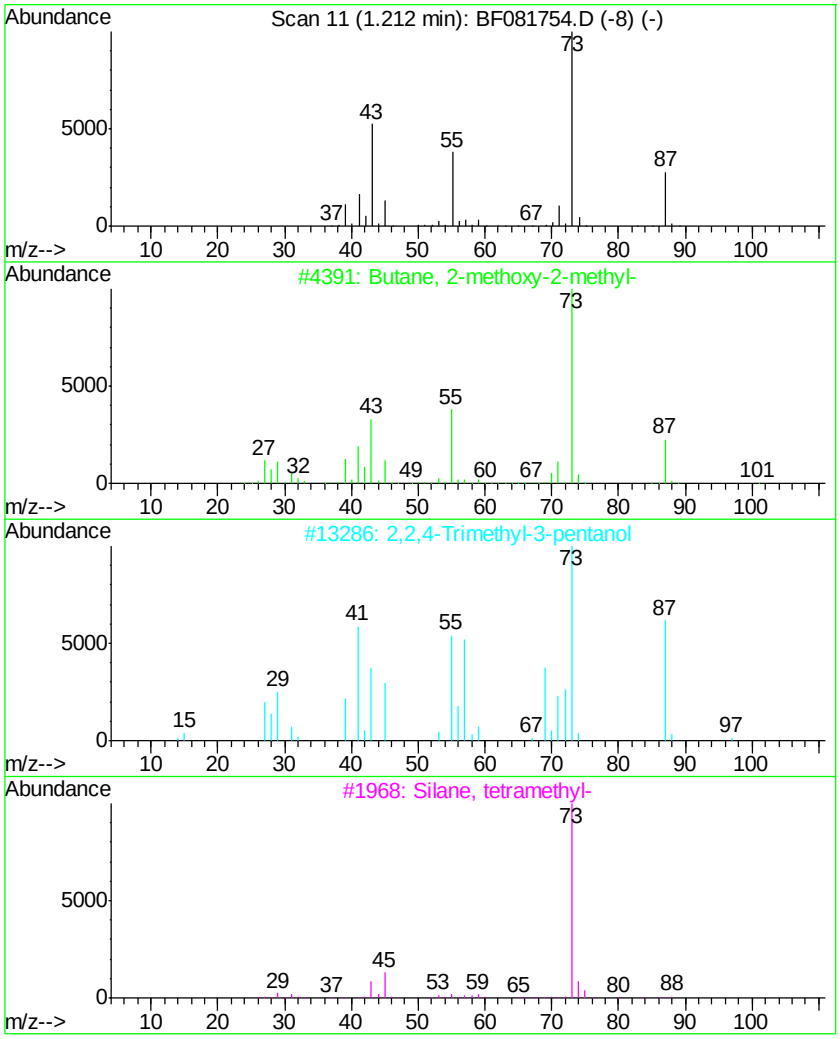
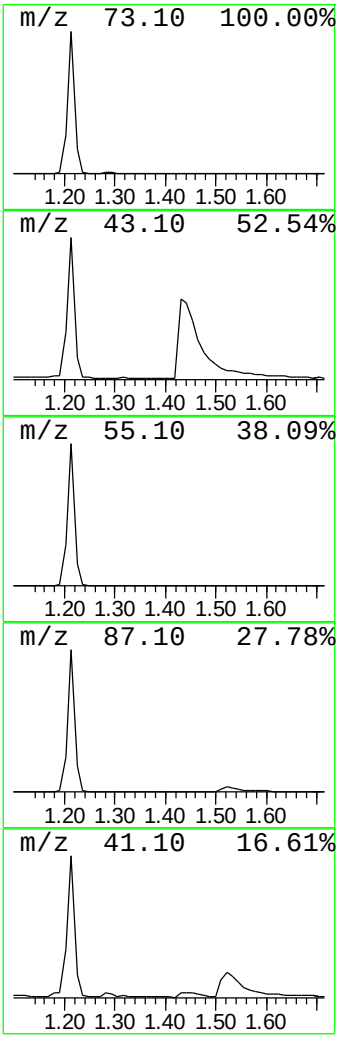
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	81.94 ng	1054050	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Data File : BF081754.D
Acq On : 22 Sep 2015 23:42
Operator : UM/IZ
Sample : G3747-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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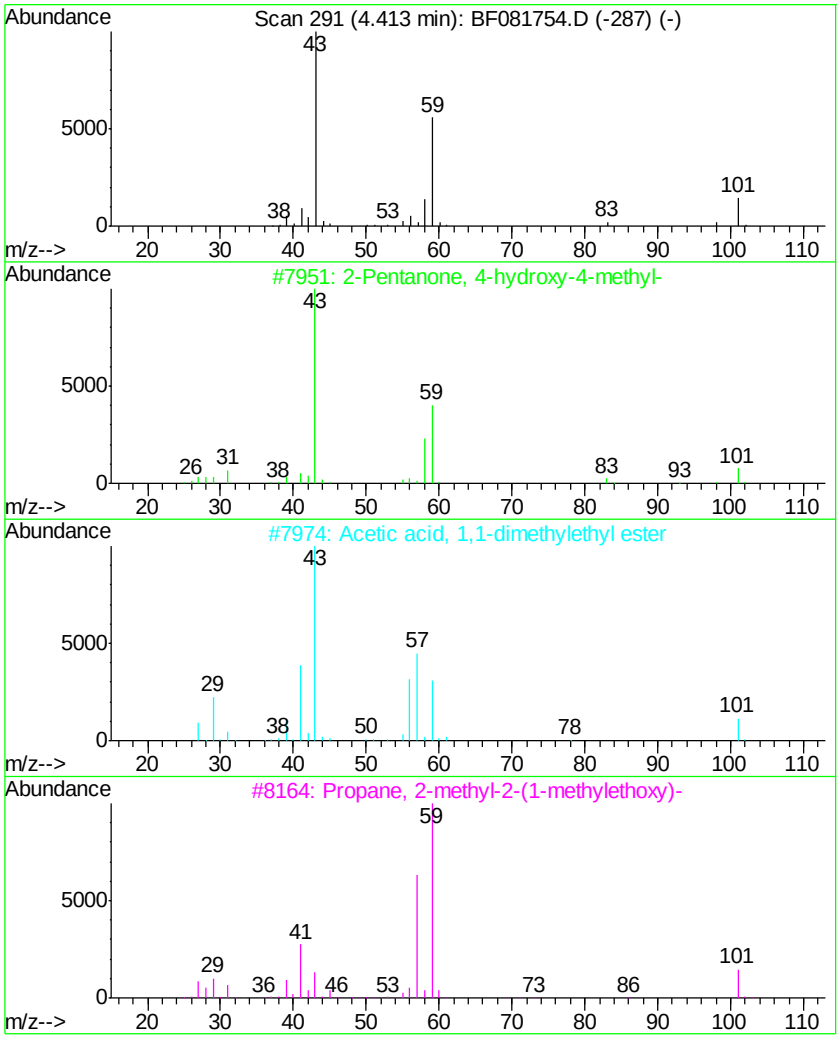
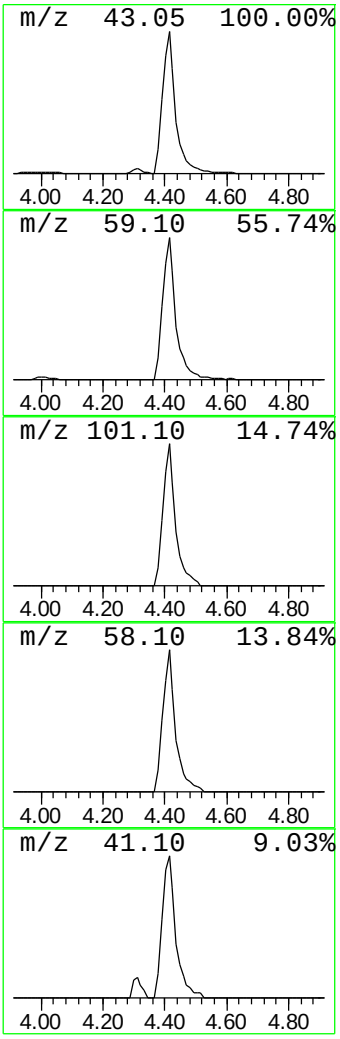
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	50.62 ng	651203	1,4-Dichlorobenzene-d4	8.14

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	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081754.D
Acq On : 22 Sep 2015 23:42
Operator : UM/IZ
Sample : G3747-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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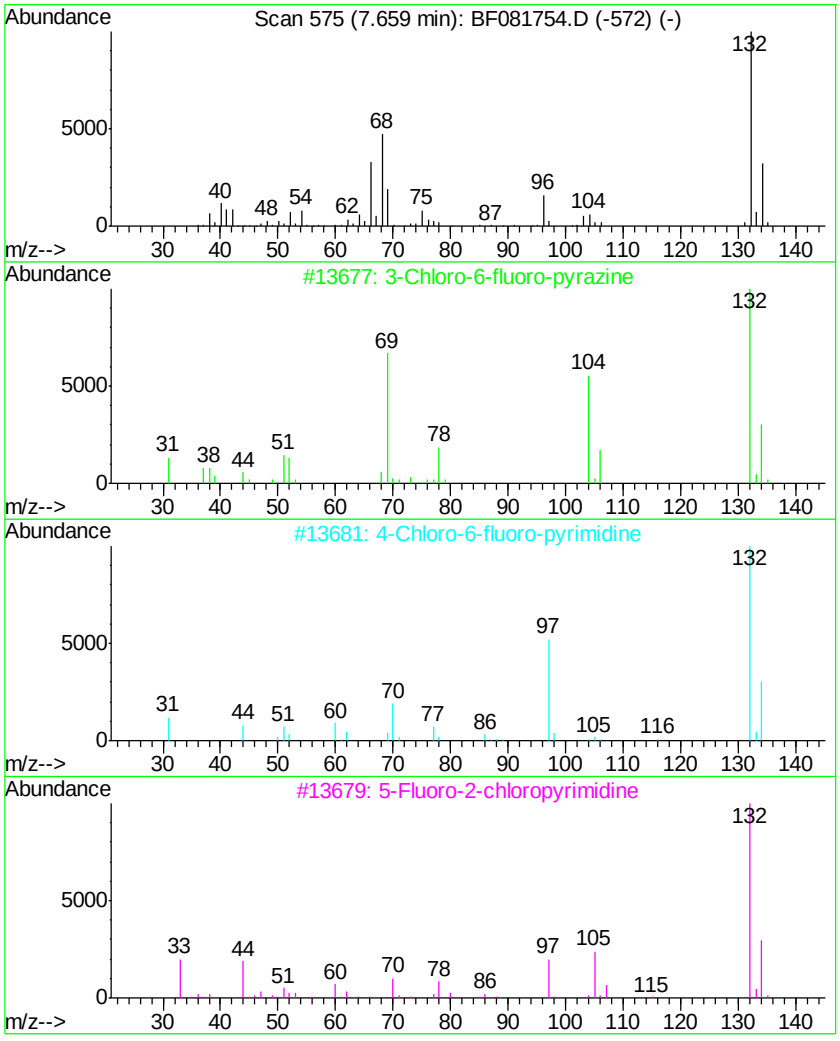
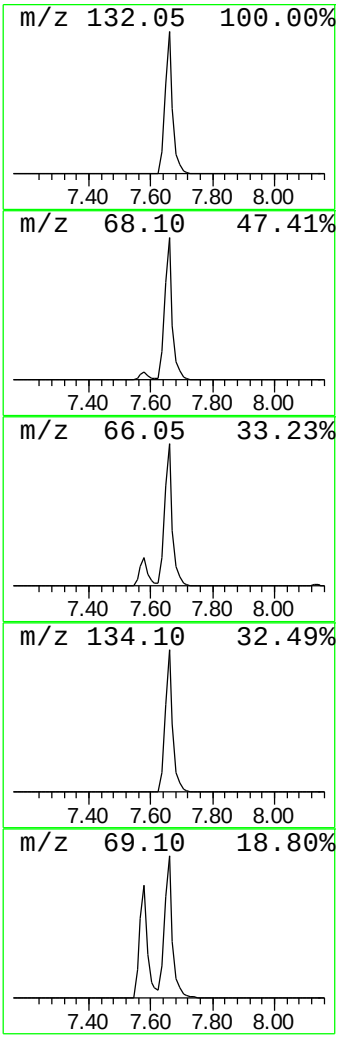
Peak Number 6 unknown7.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	97.52 ng	1254480	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081754.D
Acq On : 22 Sep 2015 23:42
Operator : UM/IZ
Sample : G3747-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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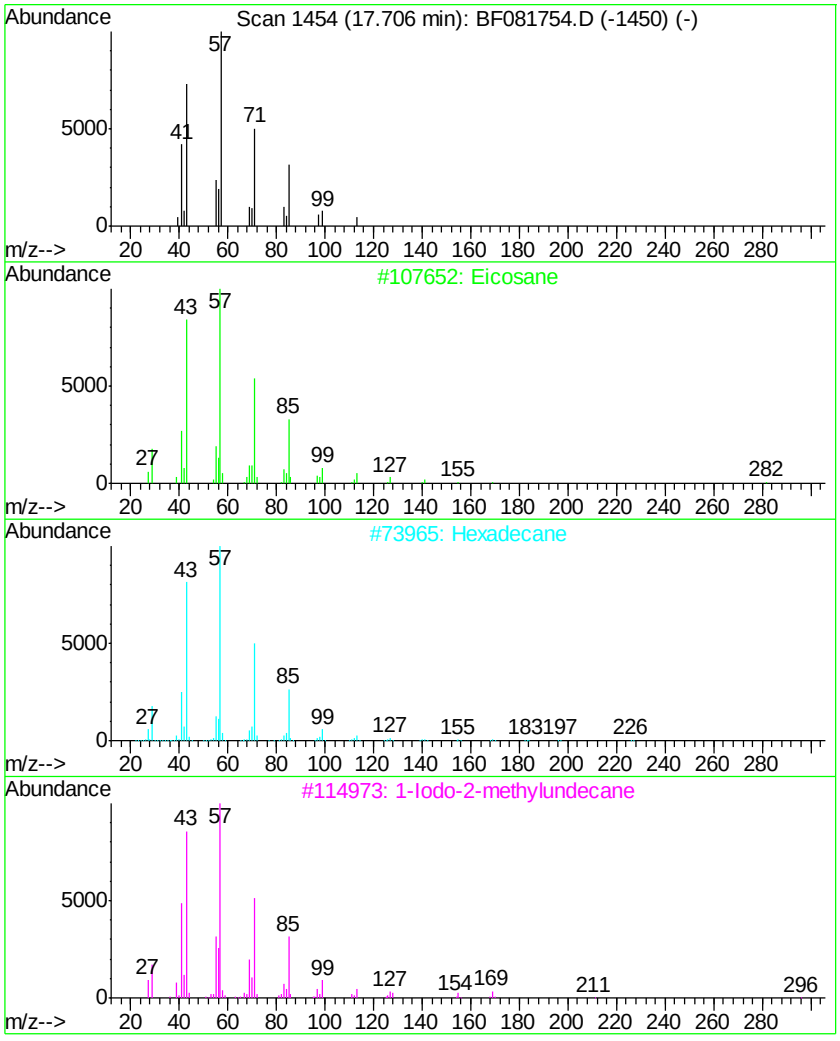
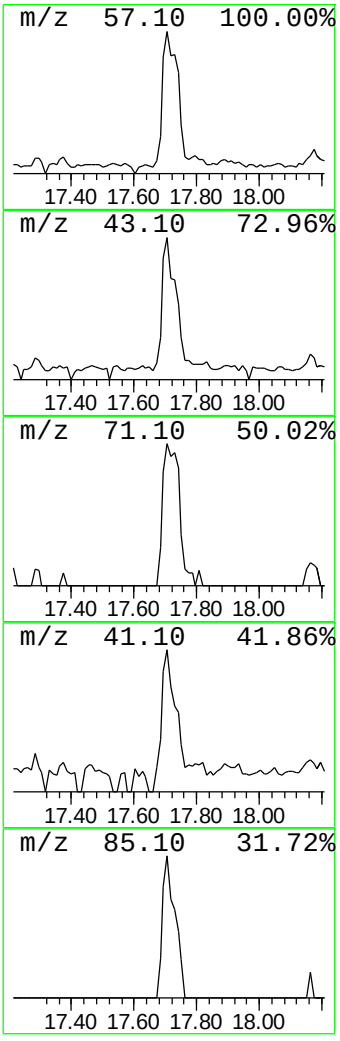
Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	5.70 ng	86271	Phenanthrene-d10	18.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	78
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
4	Tridecane	184	C13H28	000629-50-5	64
5	Pentadecane	212	C15H32	000629-62-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081754.D
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Operator : UM/IZ
Sample : G3747-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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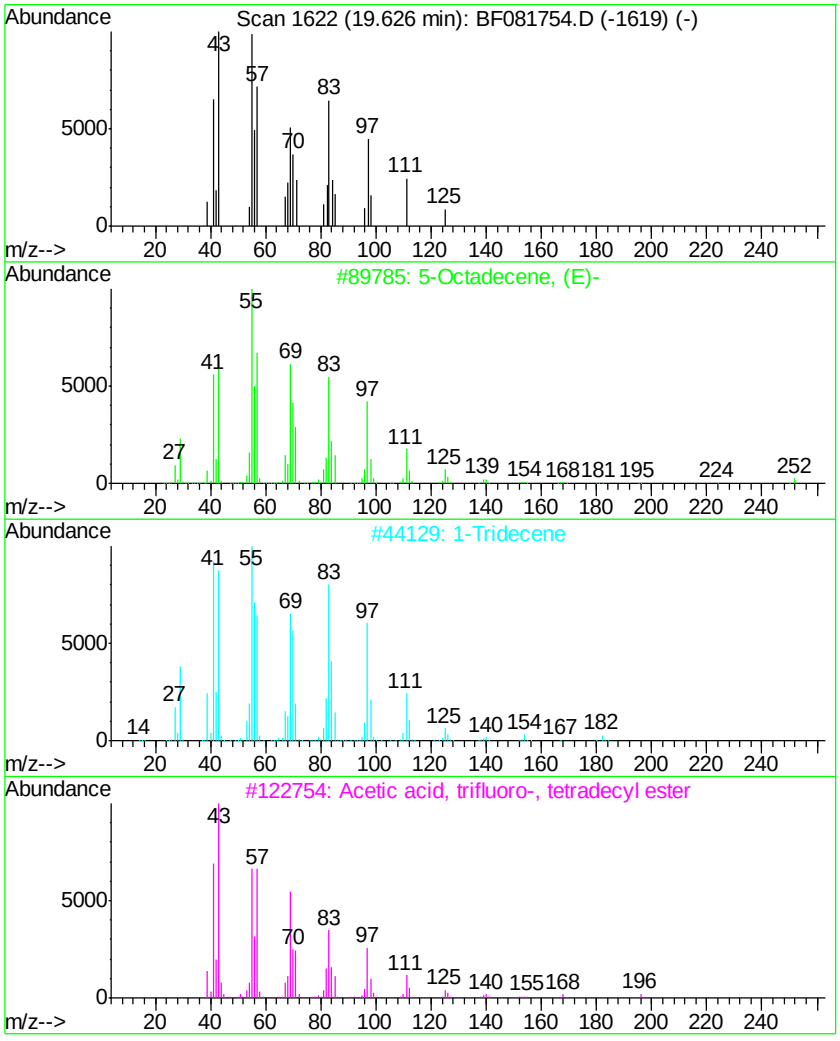
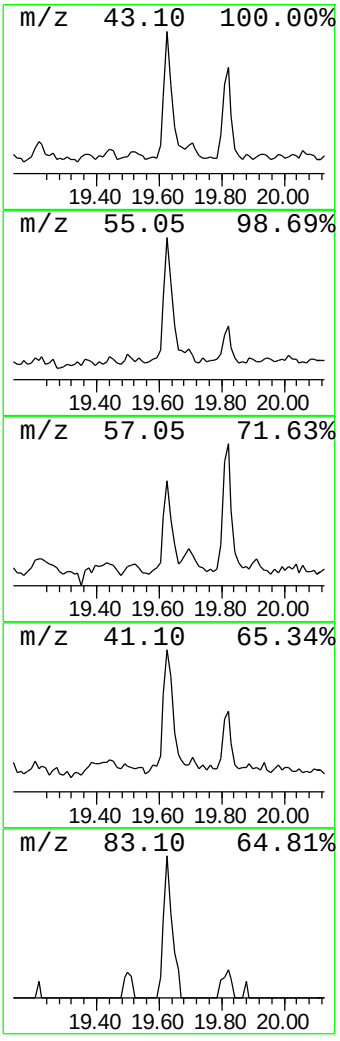
Peak Number 9 5-Octadecene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	3.84 ng	58065	Phenanthrene-d10	18.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
2	1-Tridecene	182	C13H26	002437-56-1	80
3	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	80
4	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	64
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	64





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Data File : BF081754.D
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Operator : UM/IZ
Sample : G3747-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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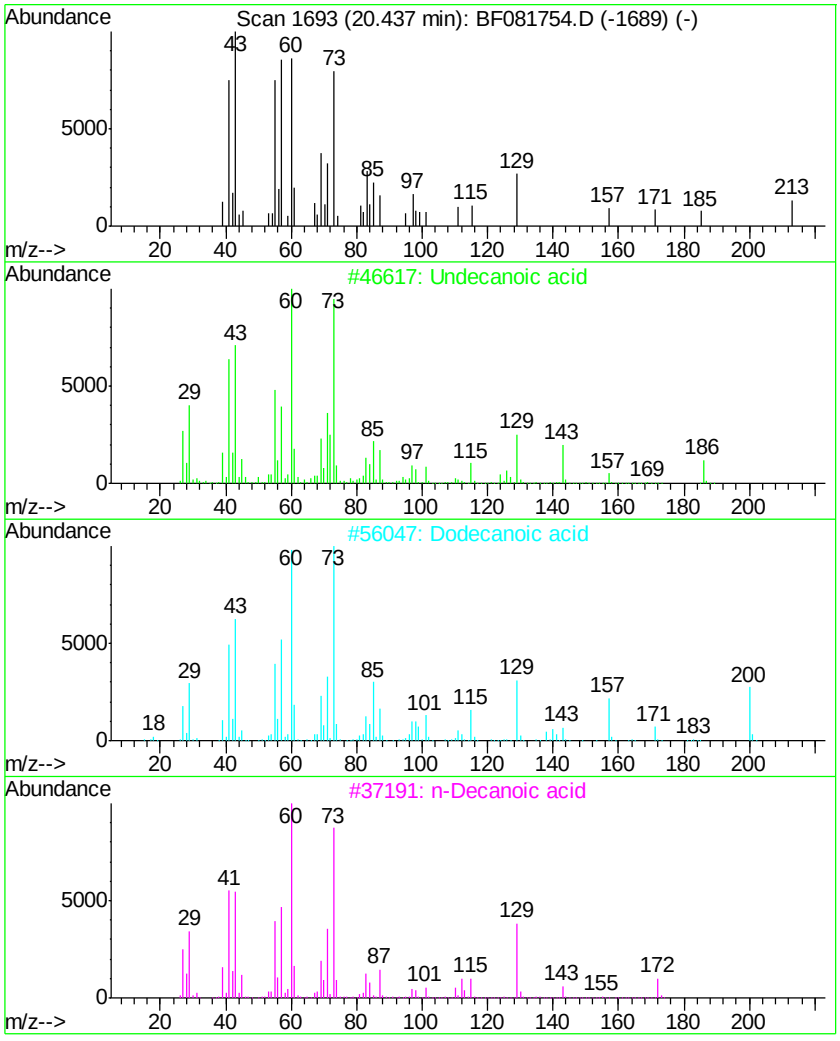
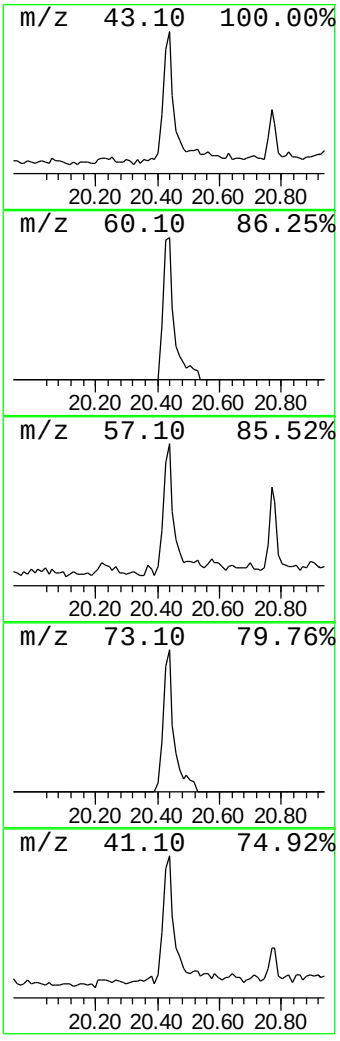
Peak Number 10 Undecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	8.22 ng	124376	Phenanthrene-d10	18.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	80
2	Dodecanoic acid	200	C12H24O2	000143-07-7	59
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	53
5	Nonanoic acid	158	C9H18O2	000112-05-0	47





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Operator : UM/IZ
Sample : G3747-07
Misc :
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Instrument : BNA_F
ClientSampleId : TRENCH-2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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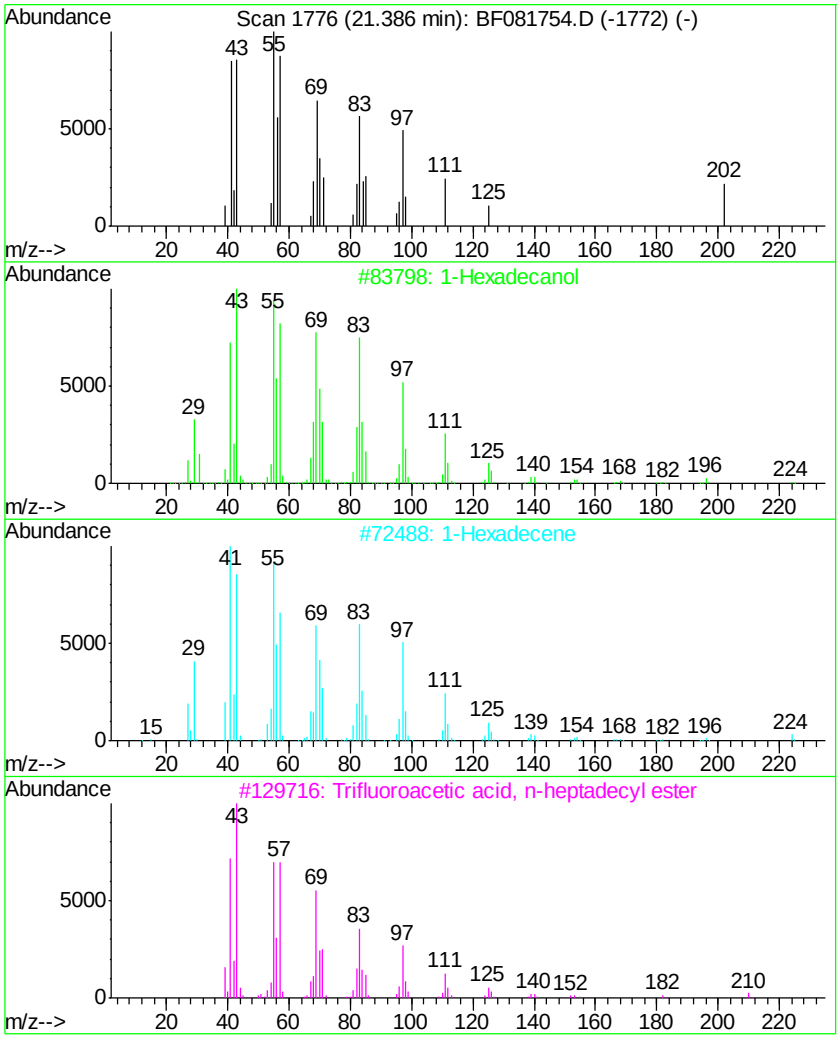
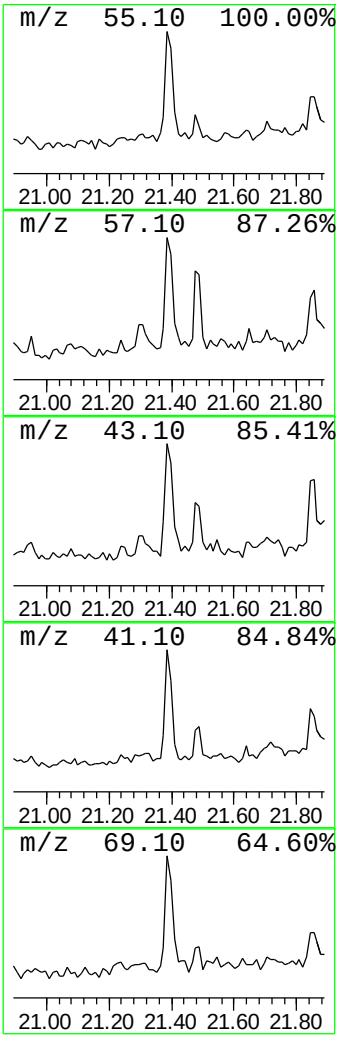
Peak Number 11 1-Hexadecanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	4.35 ng	60043	Chrysene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	87
2	1-Hexadecene	224	C16H32	000629-73-2	87
3	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	86
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	83
5	11-Tricosene	322	C23H46	052078-56-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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
Butane, 2-methoxy...	1.21	81.9	ng	1054050	1	8.14	257284	20.0
2-Pentanone, 4-hy...	4.41	50.6	ng	651203	1	8.14	257284	20.0
unknown7.66	7.66	97.5	ng	1254480	1	8.14	257284	20.0
Eicosane	17.71	5.7	ng	86271	4	18.67	302788	20.0
5-Octadecene, (E)-	19.63	3.8	ng	58065	4	18.67	302788	20.0
Undecanoic acid	20.44	8.2	ng	124376	4	18.67	302788	20.0
1-Hexadecanol	21.39	4.3	ng	60043	5	23.33	276095	20.0