LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102975.D
Acq On : 13 Feb 2018 21:22
Operator : SJ/JU
Sample : PB106515BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB106515BL

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-BF020318.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	2.128	3	7	22	rVB	596540	815603	26.12%	2.918%
2	5.098	509	512	521	rVB	99993	119773	3.84%	0.429%
3	5.492	574	579	583	rBV	3201123	3122207	100.00%	11.171%
4	6.504	746	751	754	rBV	3109839	3006625	96.30%	10.758%
5	6.645	770	775	778	rBV	3346977	3025823	96.91%	10.826%
6	6.875	810	814	818	rBV	1188224	934687	29.94%	3.344%
7	7.034	837	841	844	rBV	2656561	2377122	76.14%	8.505%
8	7.439	905	910	913	rBV	1952623	1869238	59.87%	6.688%
9	8.157	1028	1032	1045	rVB	1448529	1195156	38.28%	4.276%
10	9.233	1210	1215	1218	rBV	3216060	2966560	95.01%	10.614%
11	9.304	1224	1227	1230	rBV	54497	39916	1.28%	0.143%
12	9.622	1276	1281	1284	rBV	134521	120648	3.86%	0.432%
13	9.833	1309	1317	1322	rBV	168076	149682	4.79%	0.536%
14	9.910	1327	1330	1338	rVB2	1155374	1072687	34.36%	3.838%
15	10.333	1399	1402	1405	rVB	168733	127456	4.08%	0.456%
16	10.551	1434	1439	1442	rBV	36557	51660	1.65%	0.185%
17	10.698	1461	1464	1475	rVB	1495134	1430482	45.82%	5.118%
18	10.804	1479	1482	1491	rVB	120250	129389	4.14%	0.463%
19	11.251	1555	1558	1561	rBV	54230	49426	1.58%	0.177%
20	11.398	1579	1583	1587	rBV	1092134	927993	29.72%	3.320%
21	12.868	1831	1833	1838	rVB	49182	40896	1.31%	0.146%
22	12.980	1848	1852	1856	rBV	2622070	2478791	79.39%	8.869%
23	13.863	1999	2002	2011	rBV	311866	347016	11.11%	1.242%
24	14.039	2028	2032	2040	rBV	1000845	878618	28.14%	3.144%
25	15.515	2278	2283	2288	rBV	518625	671298	21.50%	2.402%

Sum of corrected areas: 27948752

LSC Report - Integrated Chromatogram

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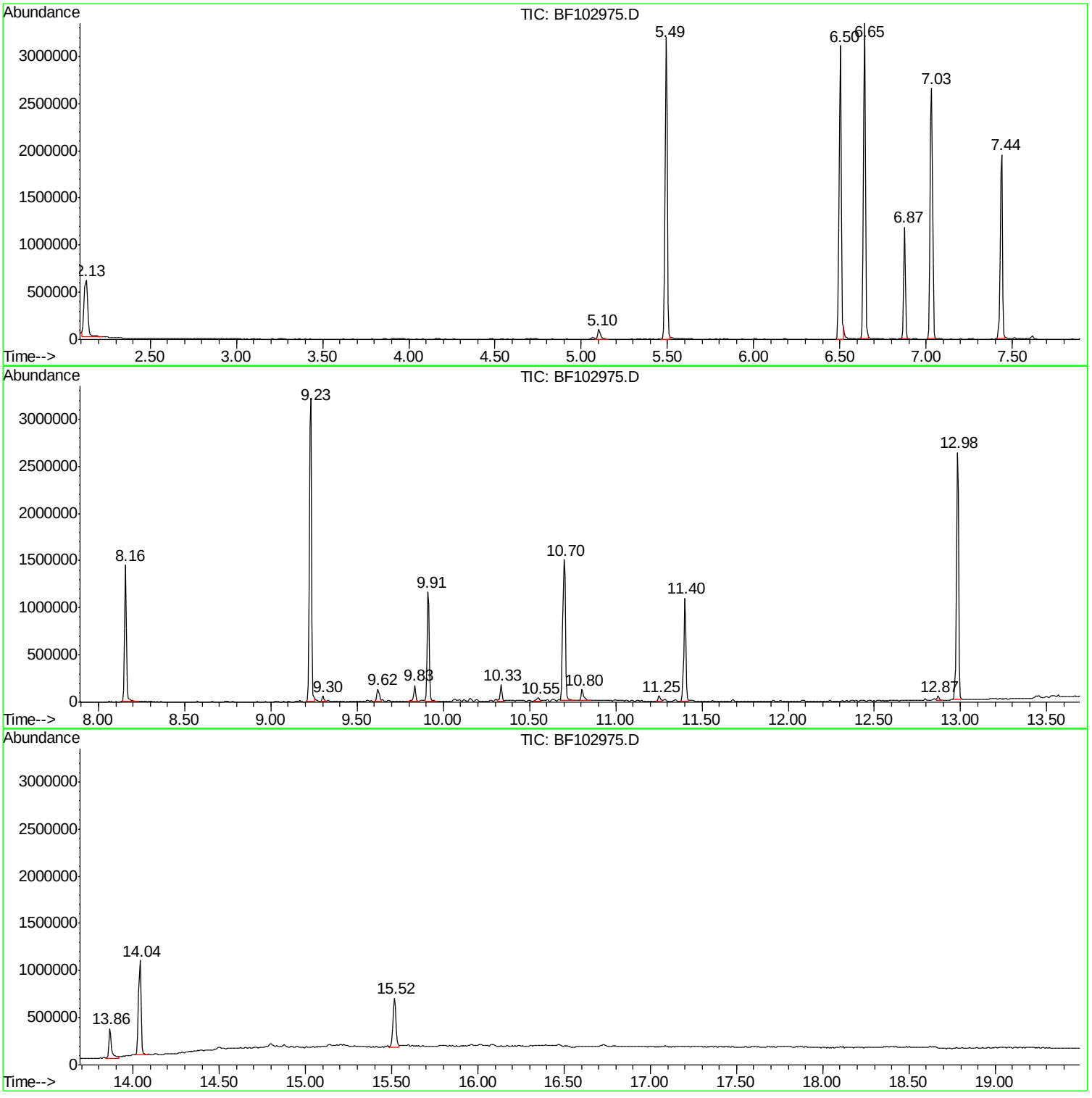
Operator : SJ/JU
Sample : PB106515BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106515BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102975.D
Acq On : 13 Feb 2018 21:22
Operator : SJ/JU
Sample : PB106515BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB106515BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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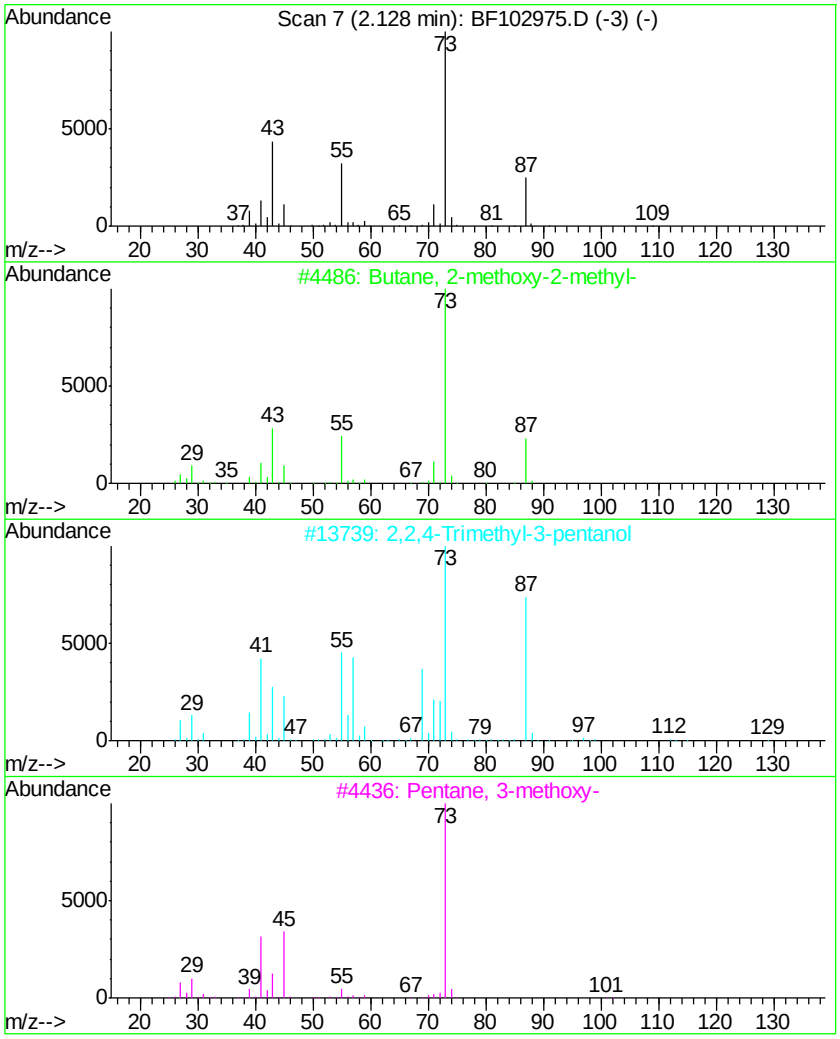
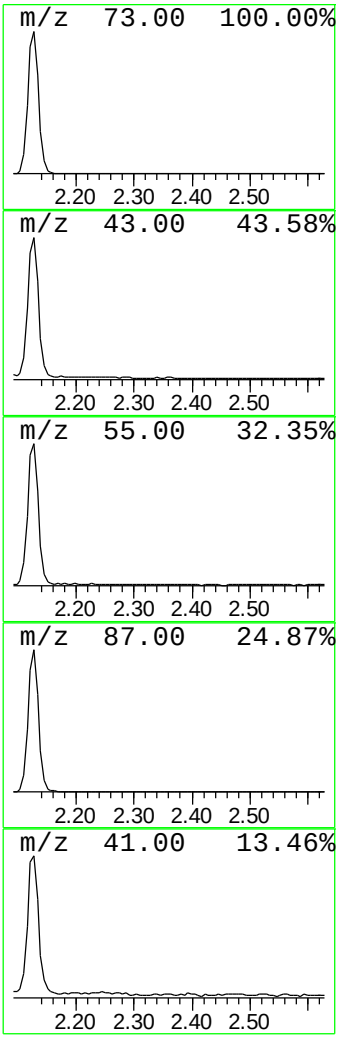
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	17.45 ng	815603	1,4-Dichlorobenzene-d4	6.87

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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102975.D
Acq On : 13 Feb 2018 21:22
Operator : SJ/JU
Sample : PB106515BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB106515BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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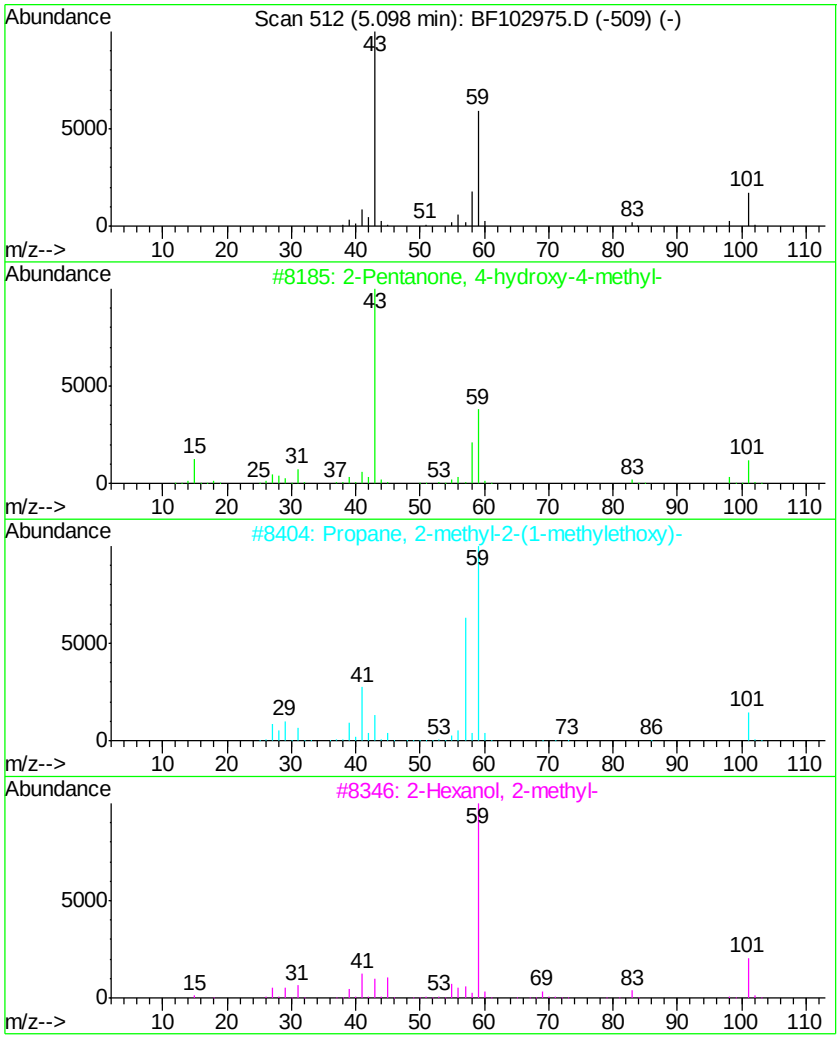
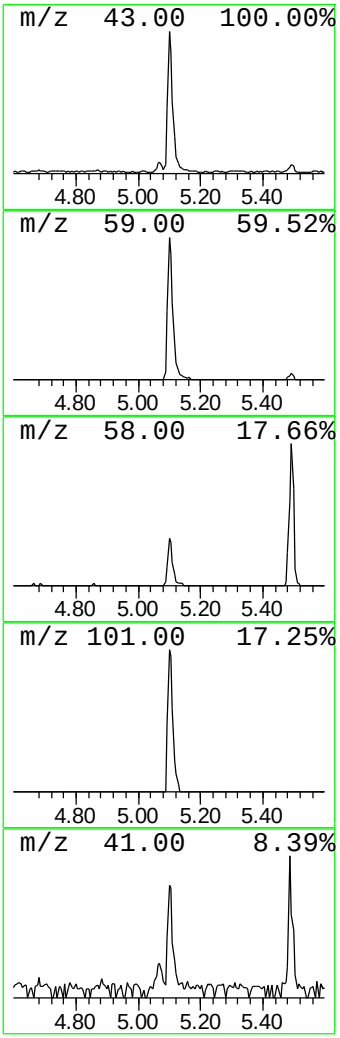
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	2.56 ng	119773	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102975.D
Acq On : 13 Feb 2018 21:22
Operator : SJ/JU
Sample : PB106515BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB106515BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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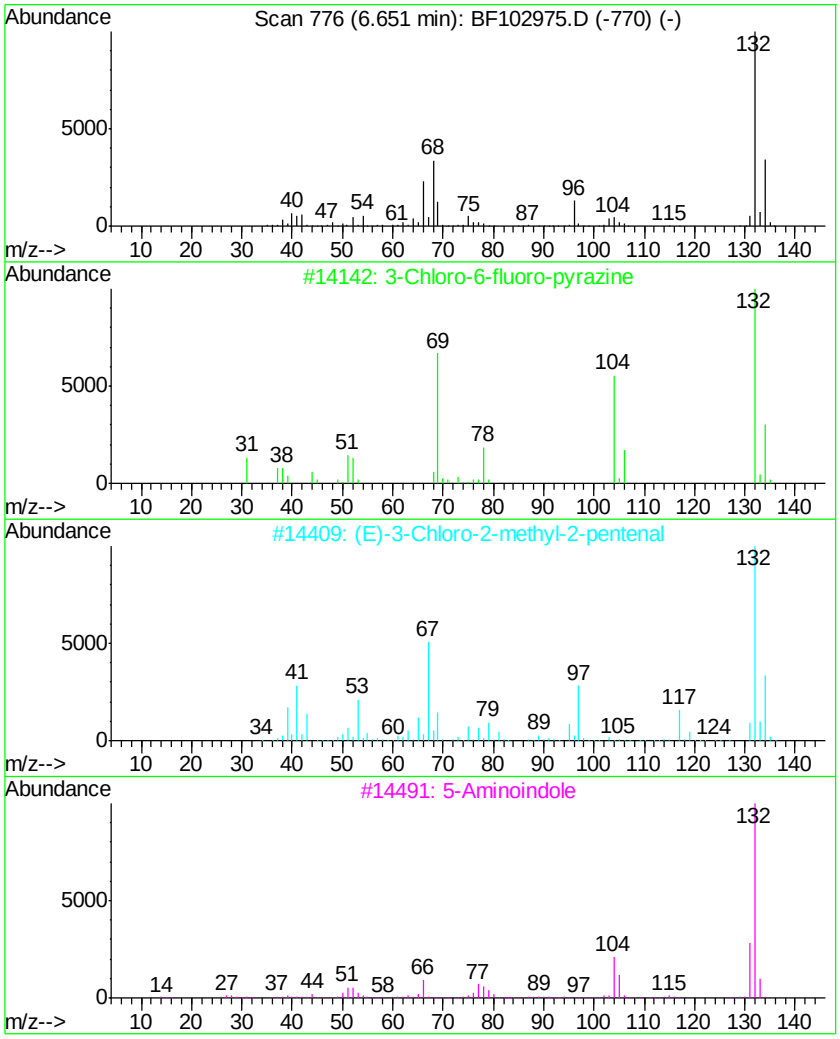
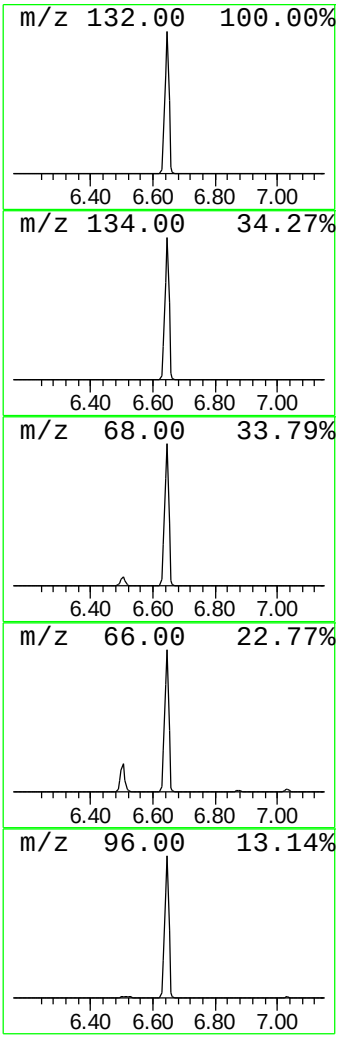
Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	64.75 ng	3025820	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102975.D
Acq On : 13 Feb 2018 21:22
Operator : SJ/JU
Sample : PB106515BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB106515BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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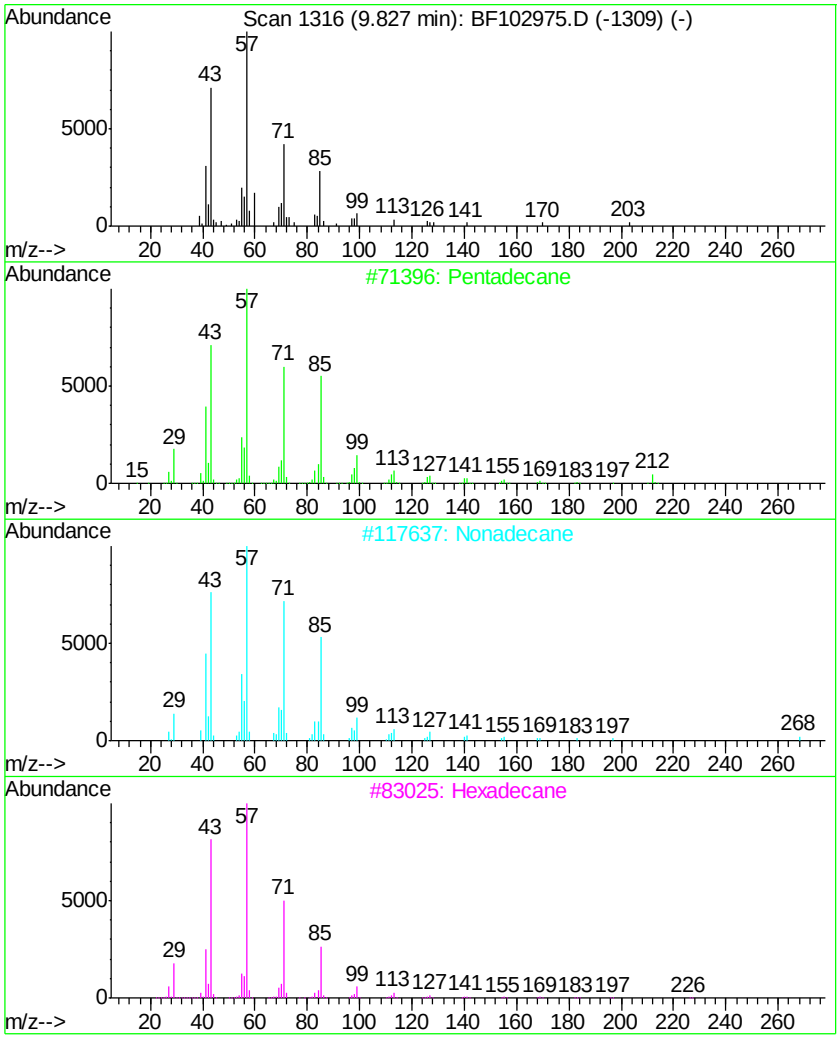
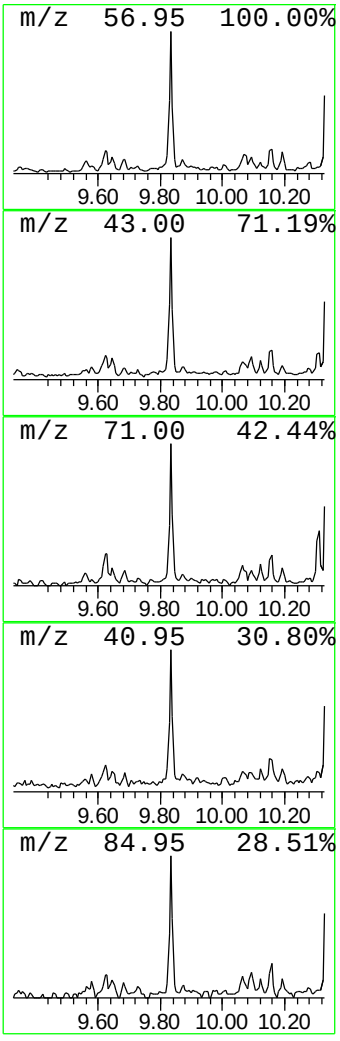
Peak Number 5 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.79 ng	149682	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102975.D
Acq On : 13 Feb 2018 21:22
Operator : SJ/JU
Sample : PB106515BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB106515BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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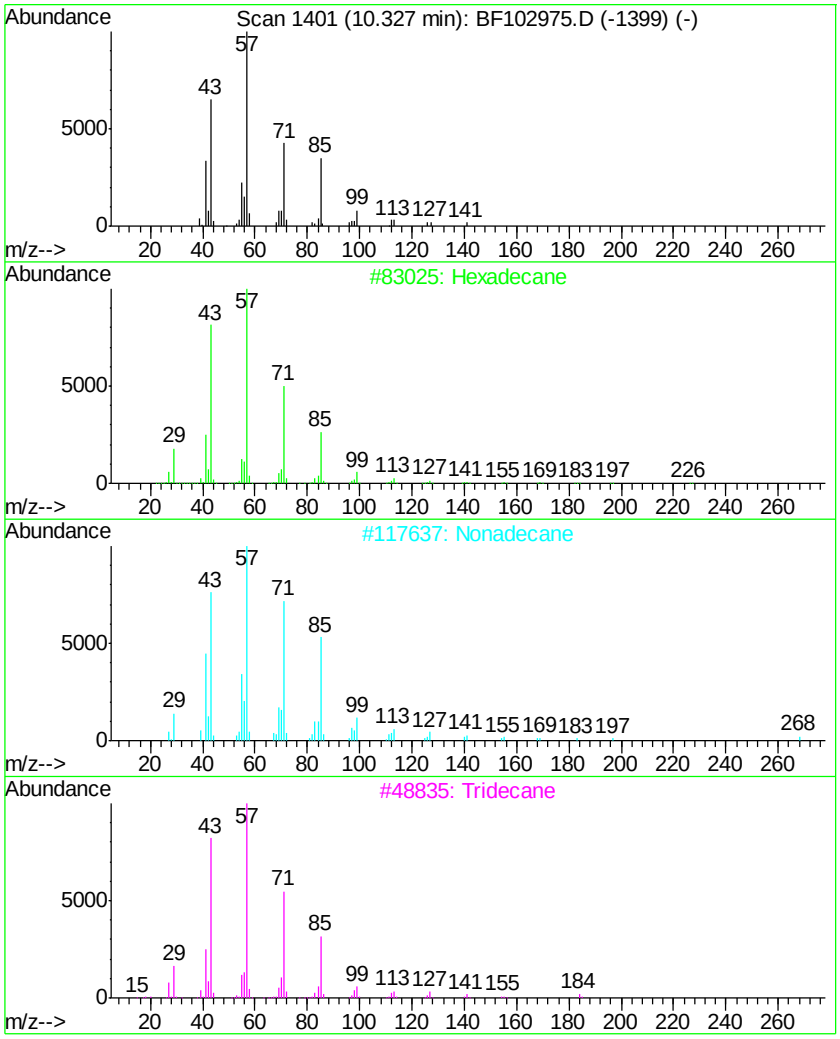
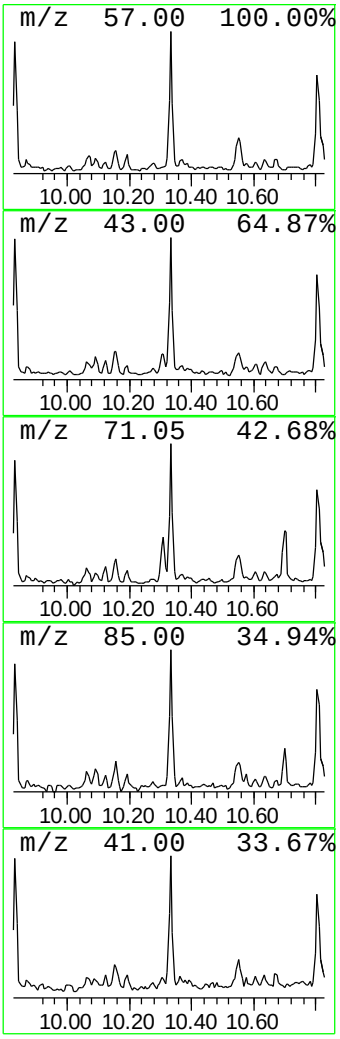
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.38 ng	127456	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Tetradecane	198	C14H30	000629-59-4	80





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Operator : SJ/JU
Sample : PB106515BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB106515BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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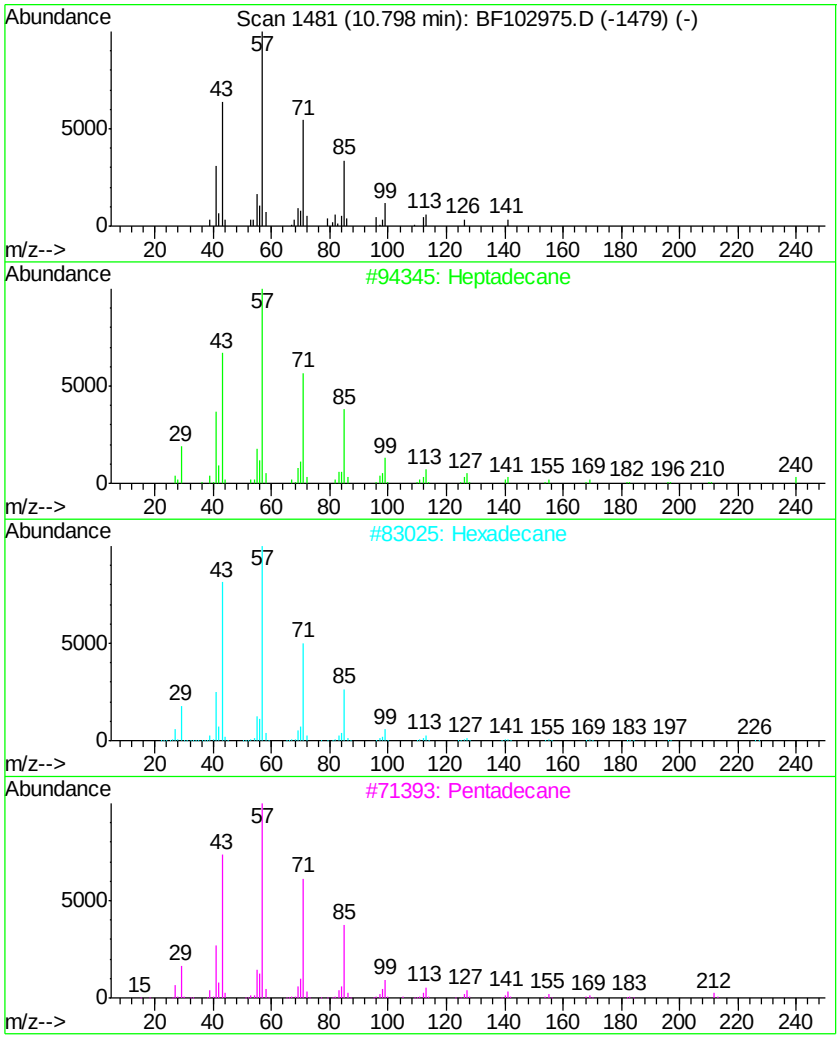
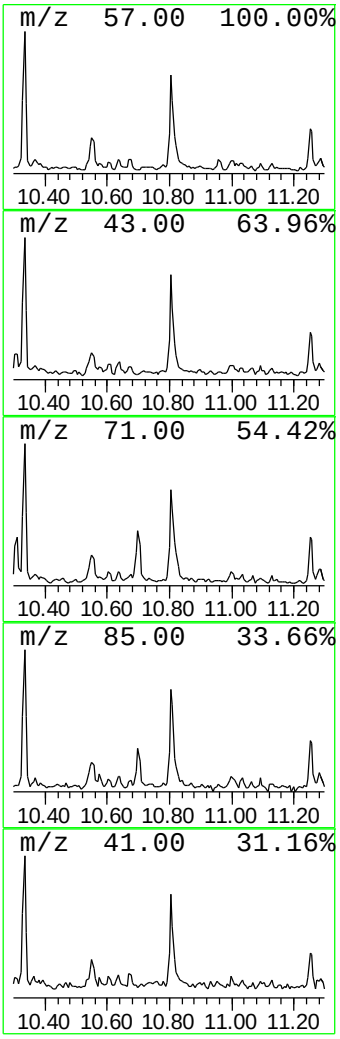
Peak Number 7 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.79 ng	129389	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	86





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Instrument : BNA_F
ClientSampleId : PB106515BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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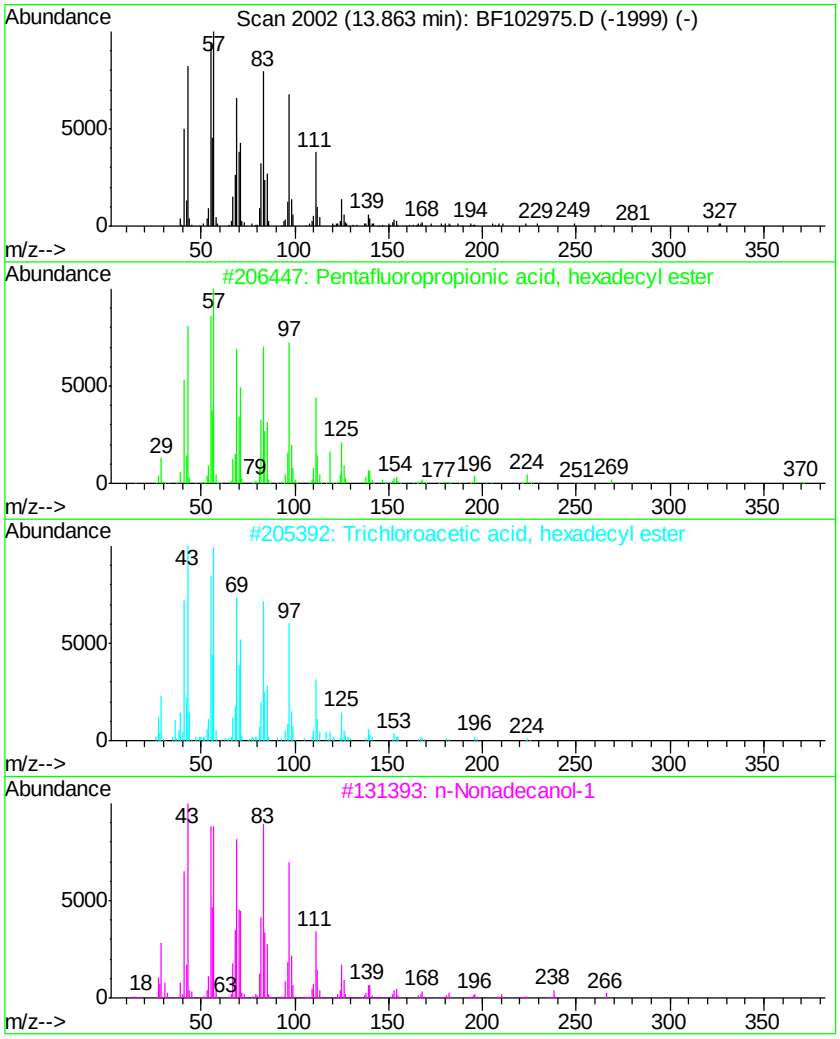
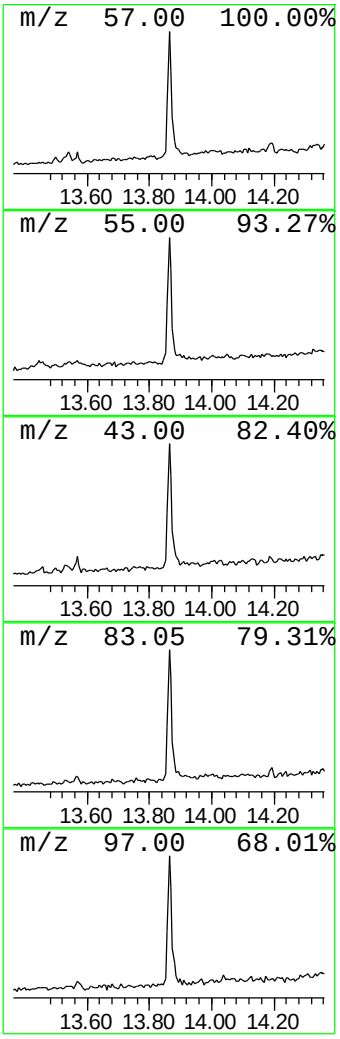
Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	7.90 ng	347016	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021318\
Data File : BF102975.D
Acq On : 13 Feb 2018 21:22
Operator : SJ/JU
Sample : PB106515BL
Misc :
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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
Butane, 2-methoxy...	2.13	17.4	ng	815603	1	6.87	934687	20.0
2-Pentanone, 4-hy...	5.10	2.6	ng	119773	1	6.87	934687	20.0
unknown6.65	6.65	64.8	ng	3025820	1	6.87	934687	20.0
Pentadecane	9.83	2.8	ng	149682	3	9.91	1072690	20.0
Hexadecane	10.33	2.4	ng	127456	3	9.91	1072690	20.0
Heptadecane	10.80	2.8	ng	129389	4	11.40	927993	20.0
Pentafluoropropio...	13.86	7.9	ng	347016	5	14.04	878618	20.0