LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085090.D
Acq On : 17 Feb 2016 17:00
Operator : SJ/IZ
Sample : H1418-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP005

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-BF021716.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	1.861	22	24	26	rBV	365731	471805	3.45%	0.561%
2	1.918	26	29	32	rVV	7383959	13666338	100.00%	16.251%
3	1.998	34	36	55	rVB	2174490	4877916	35.69%	5.801%
4	2.250	55	58	66	rVB	225390	336617	2.46%	0.400%
5	5.210	314	317	324	rVB	949239	1357004	9.93%	1.614%
6	5.599	348	351	354	rBV	4407749	6087867	44.55%	7.239%
7	6.616	436	440	442	rVB	5357810	6472699	47.36%	7.697%
8	6.764	450	453	455	rBV	5364132	6567887	48.06%	7.810%
9	6.822	455	458	460	rVV	468615	564055	4.13%	0.671%
10	6.993	471	473	475	rBV	1445590	1179622	8.63%	1.403%
11	7.153	484	487	489	rVB	5182777	5143242	37.63%	6.116%
12	7.553	519	522	524	rBV	3779311	3829406	28.02%	4.554%
13	8.273	583	585	588	rBV	1607236	1489432	10.90%	1.771%
14	9.348	676	679	682	rBV	5195029	7888119	57.72%	9.380%
15	9.736	711	713	715	rBV	782684	1056080	7.73%	1.256%
16	10.033	736	739	741	rVB	1947520	1874360	13.72%	2.229%
17	10.456	775	776	778	rVB	177208	170598	1.25%	0.203%
18	10.822	805	808	810	rBV	4614266	5162448	37.77%	6.139%
19	10.936	815	818	822	rBV	182042	263495	1.93%	0.313%
20	11.519	866	869	871	rBV	1667828	2049218	14.99%	2.437%
21	12.719	972	974	977	rBV	195633	187311	1.37%	0.223%
22	12.948	990	994	997	rBV	148223	181066	1.32%	0.215%
23	13.108	1004	1008	1010	rBV	6308882	8616617	63.05%	10.247%
24	13.988	1083	1085	1091	rBV	238236	252085	1.84%	0.300%
25	14.148	1096	1099	1105	rVB	2375272	2266008	16.58%	2.695%
26	15.622	1225	1228	1231	rBV	1432894	1860399	13.61%	2.212%
27	16.743	1320	1326	1339	rVB2	46347	221467	1.62%	0.263%

Sum of corrected areas: 84093161

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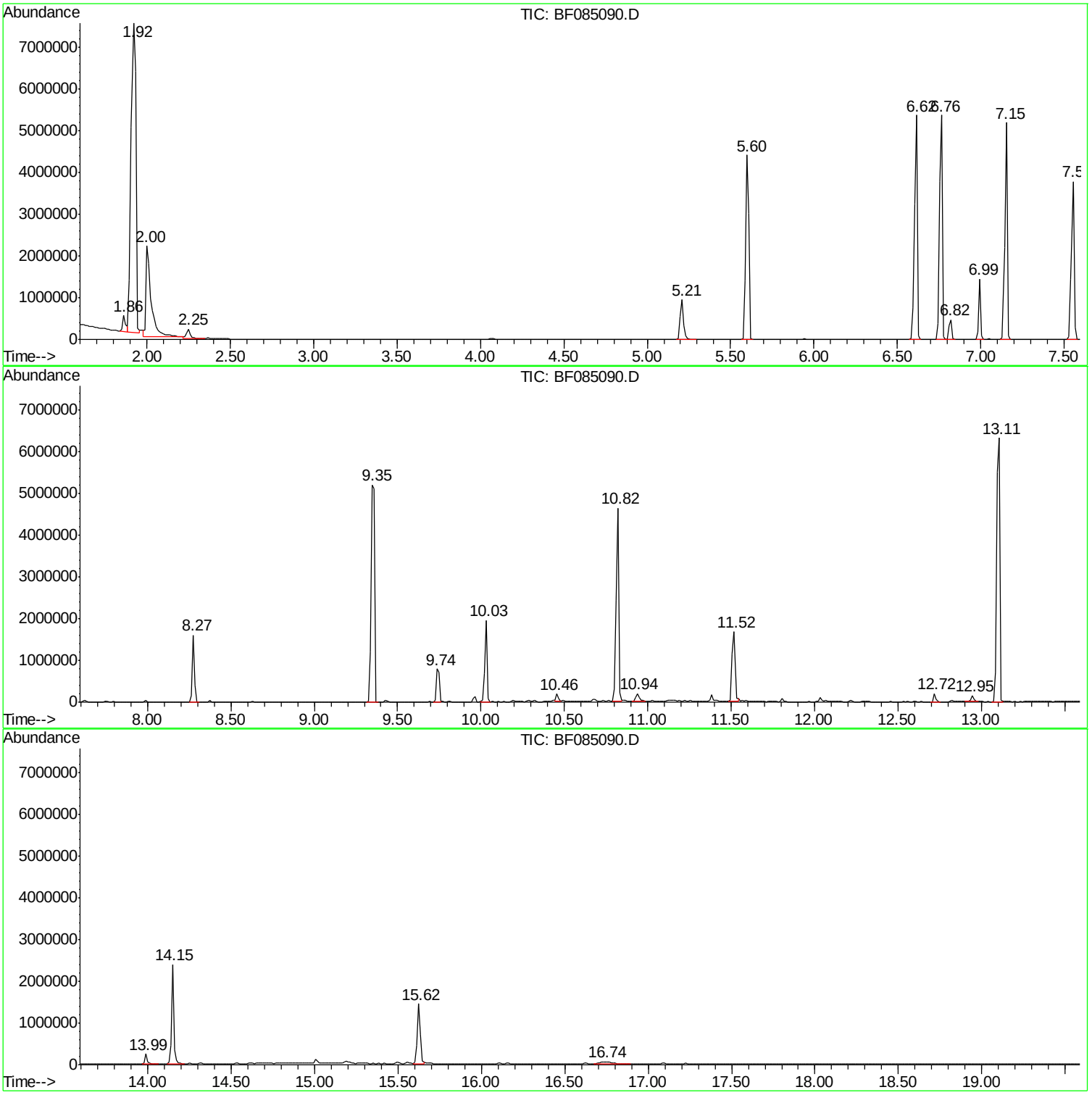
Instrument : BNA_F
ClientSampleId : EP005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021716.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\BF021716\
Data File : BF085090.D
Acq On : 17 Feb 2016 17:00
Operator : SJ/IZ
Sample : H1418-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

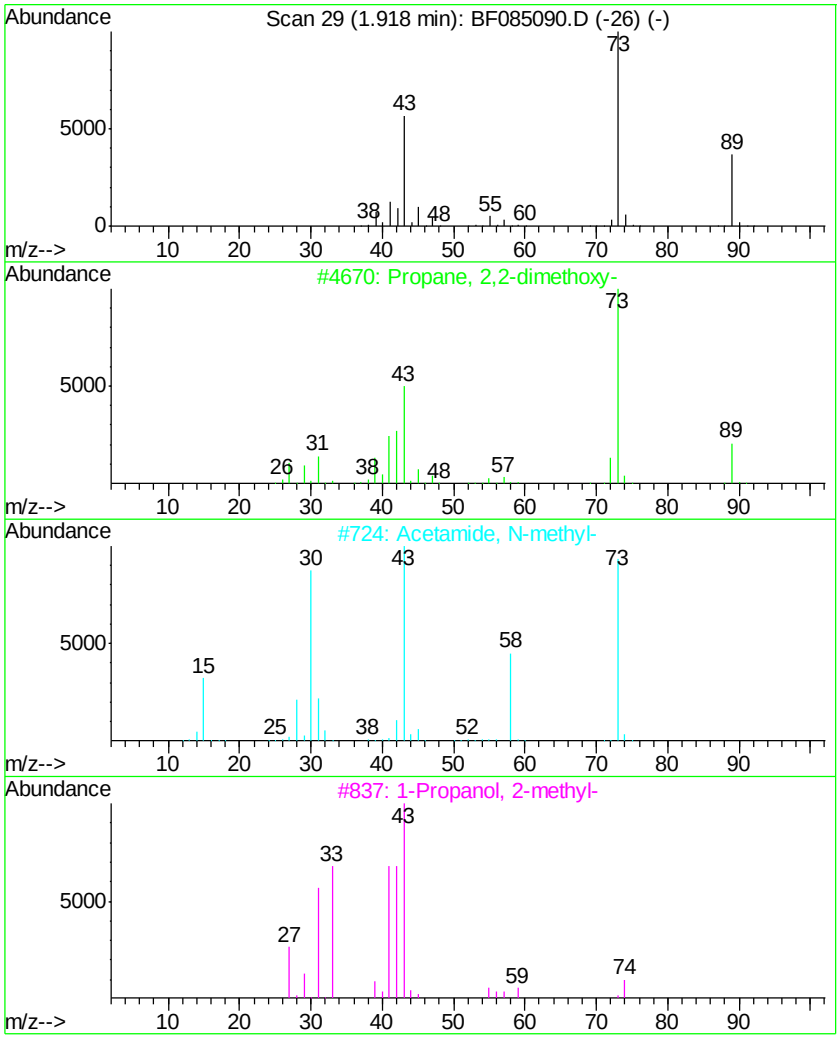
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

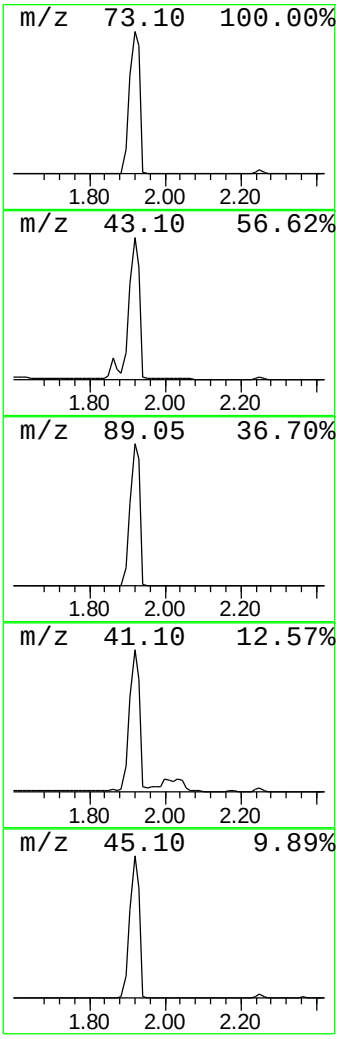
****

Peak Number 2 unknown1.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.92	231.71 ng	13666300	1,4-Dichlorobenzene-d4	6.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085090.D
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Operator : SJ/IZ
Sample : H1418-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021716.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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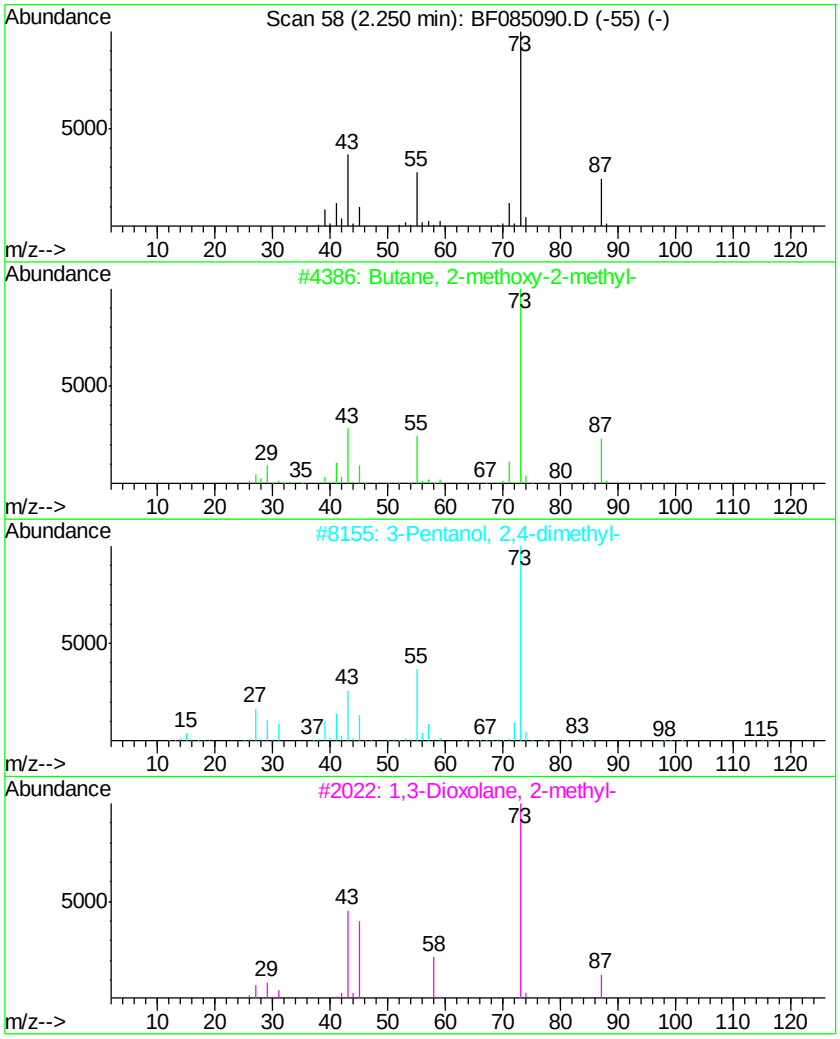
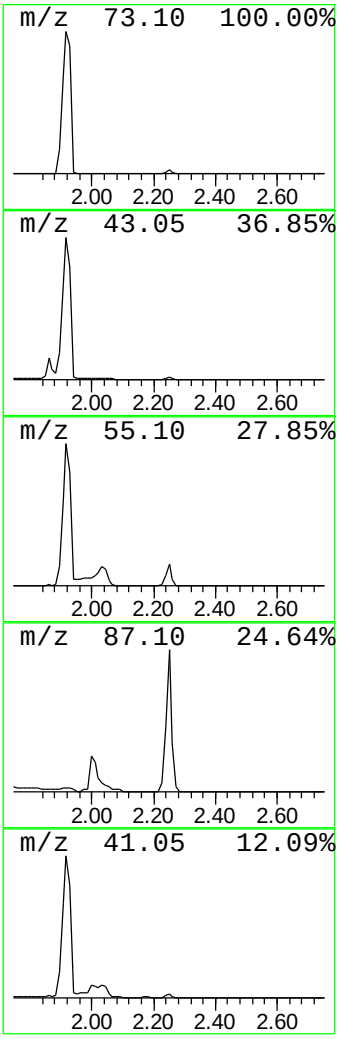
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	5.71 ng	336617	1,4-Dichlorobenzene-d4	6.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085090.D
Acq On : 17 Feb 2016 17:00
Operator : SJ/IZ
Sample : H1418-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021716.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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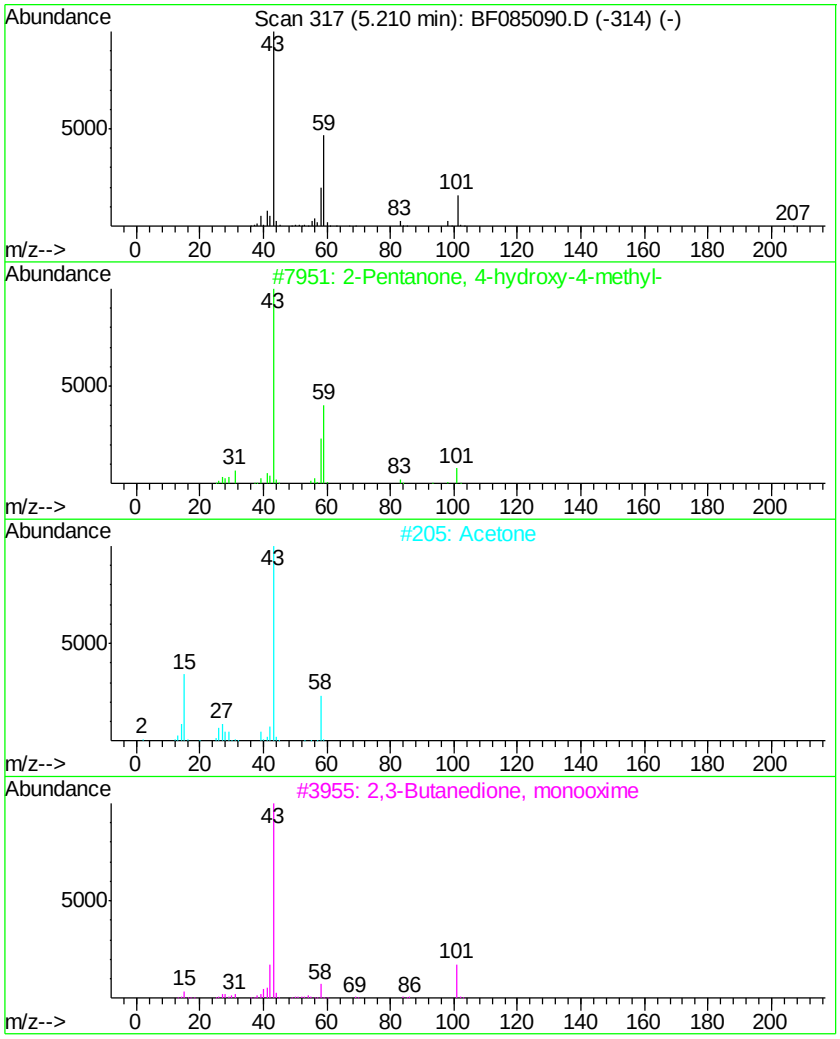
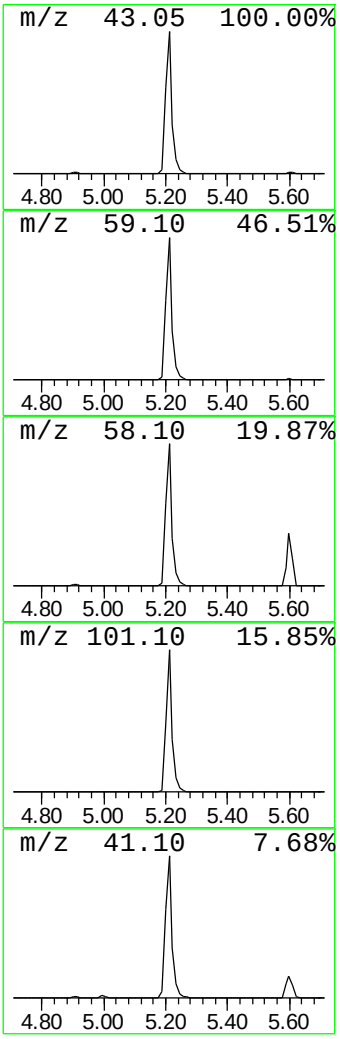
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	23.01 ng	1357000	1,4-Dichlorobenzene-d4	6.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Acetone	58	C3H6O	000067-64-1	16
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085090.D
Acq On : 17 Feb 2016 17:00
Operator : SJ/IZ
Sample : H1418-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

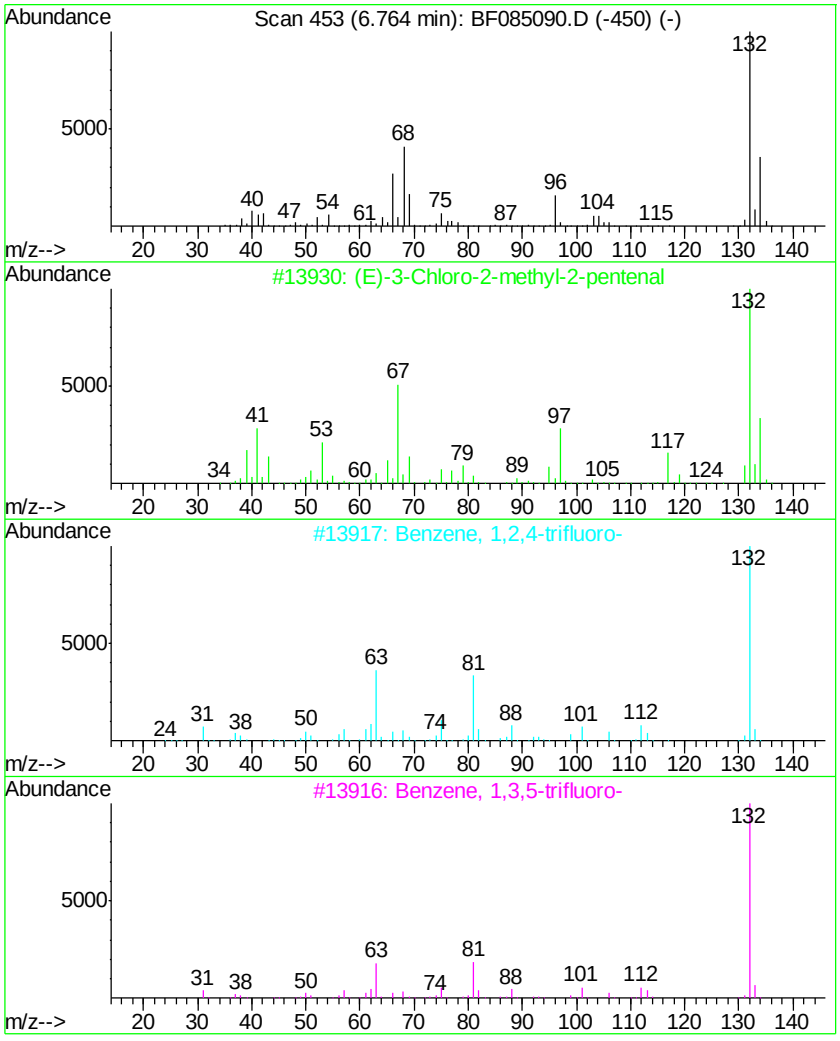
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

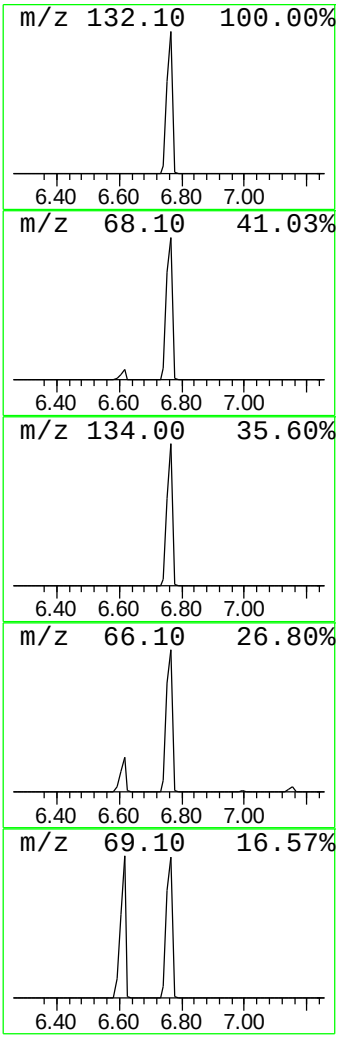
****

Peak Number 6 unknown6.76 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	111.36 ng	6567890	1,4-Dichlorobenzene-d4	6.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085090.D
Acq On : 17 Feb 2016 17:00
Operator : SJ/IZ
Sample : H1418-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

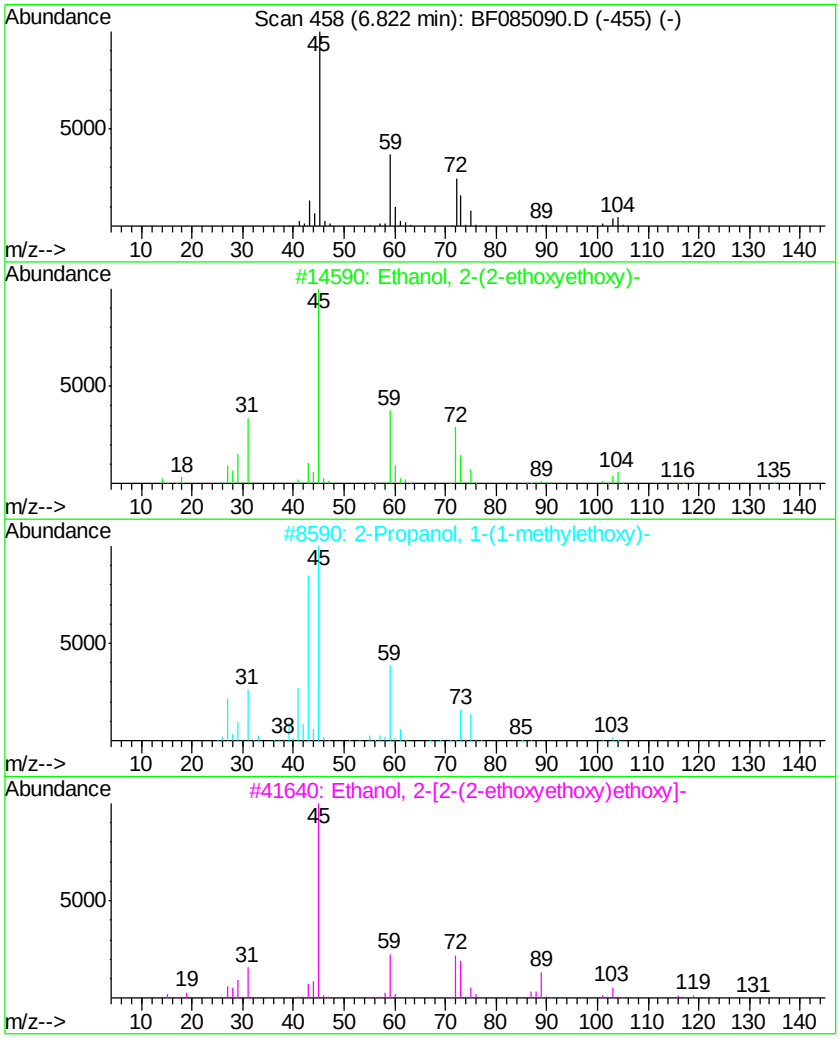
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

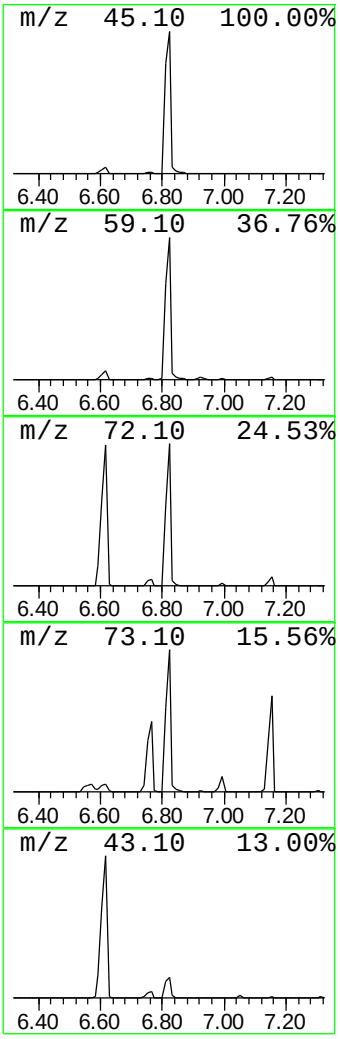
****

Peak Number 7 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	9.56 ng	564055	1,4-Dichlorobenzene-d4	6.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	Ethane, 1,1'-oxybis[2-ethoxy-]	162	C8H18O3	000112-36-7	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085090.D
Acq On : 17 Feb 2016 17:00
Operator : SJ/IZ
Sample : H1418-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021716.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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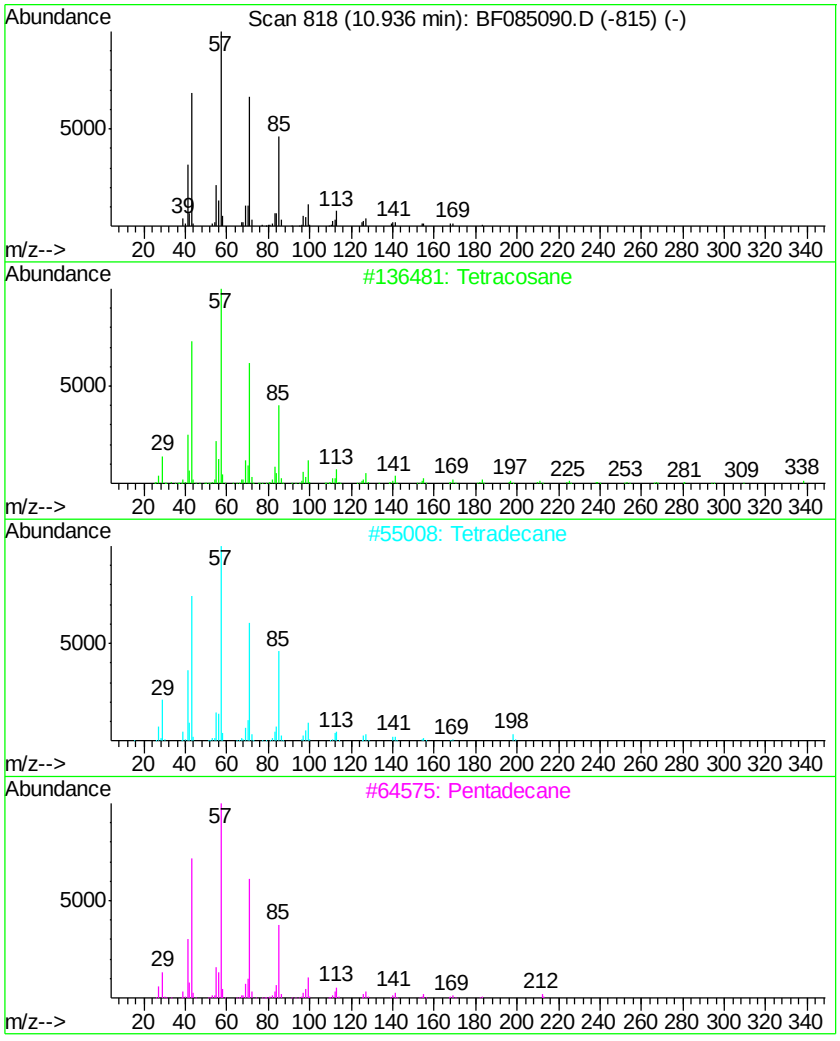
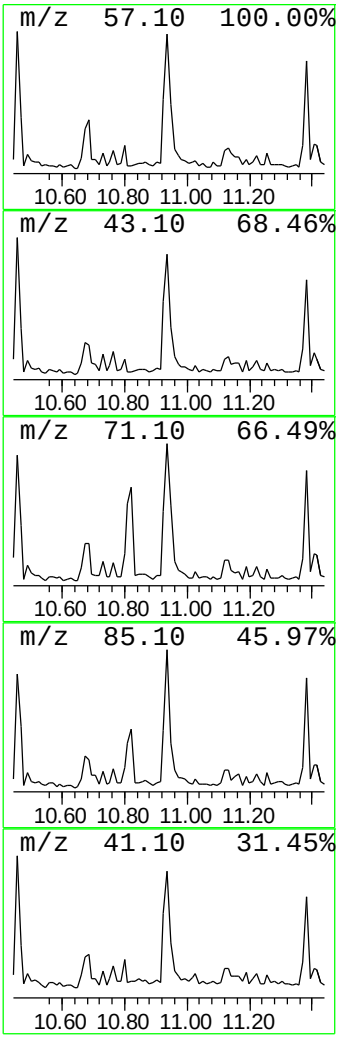
Peak Number 9 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	2.57 ng	263495	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tritetracontane	605	C43H88	007098-21-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Instrument : BNA_F
ClientSampleId : EP005

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

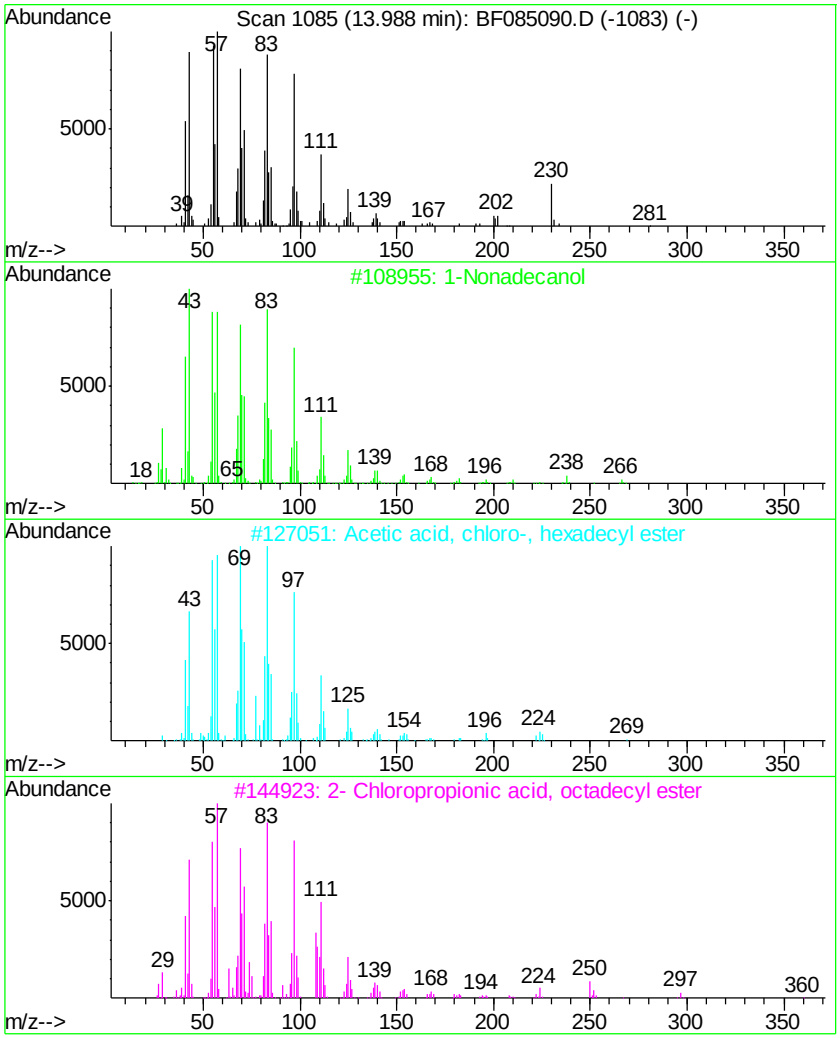
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

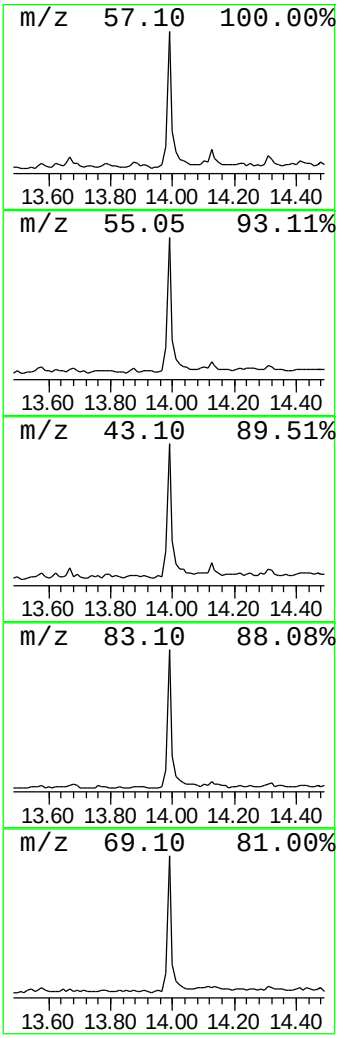
****

Peak Number 10 1-Nonadecanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	2.22 ng	252085	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	95
2	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	93
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





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Sample : H1418-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP005

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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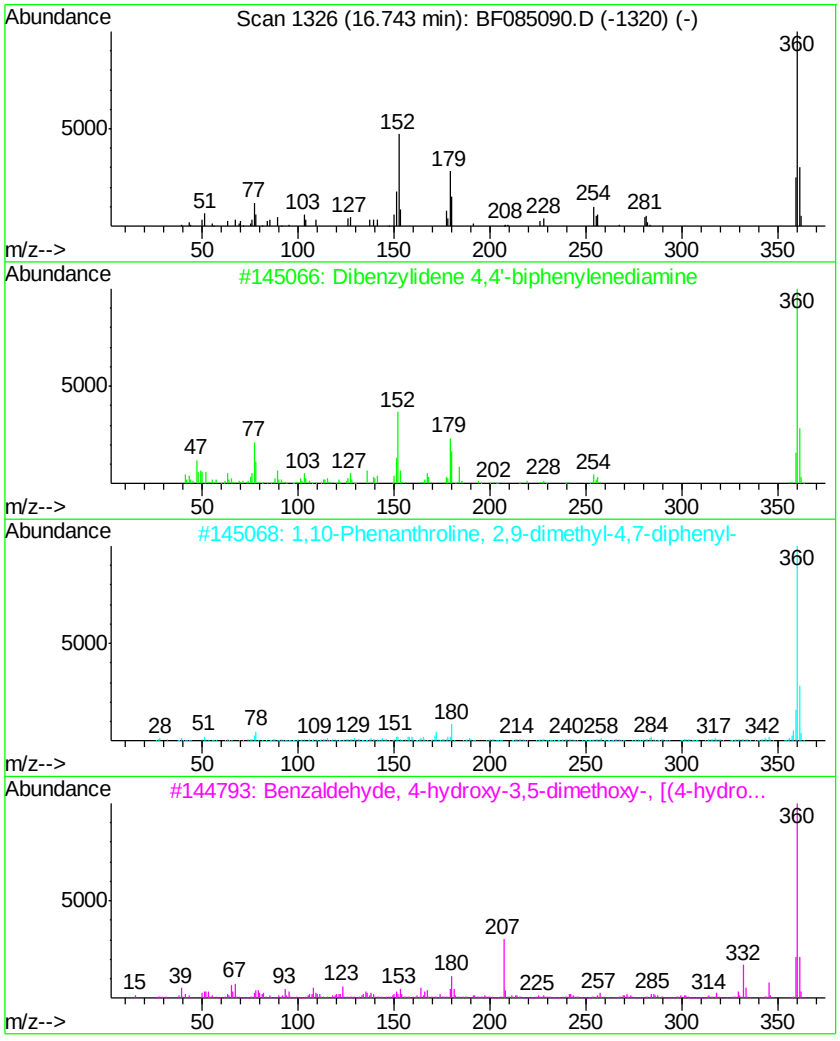
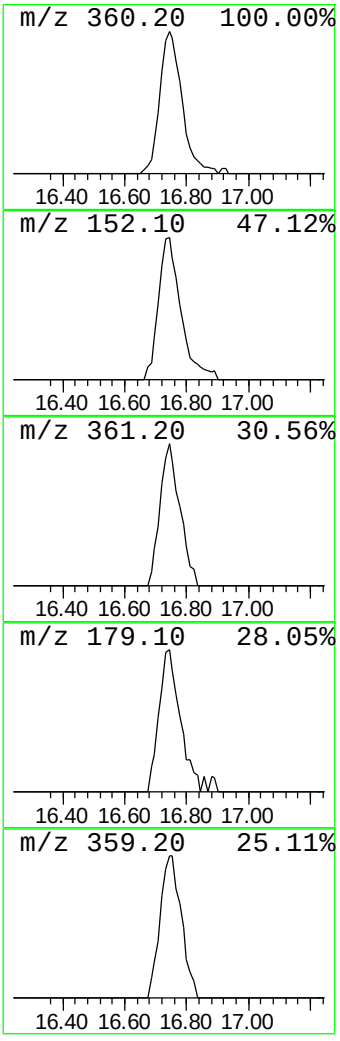
Peak Number 11 Dibenzylidene 4,4'-biphenyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.38 ng	221467	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzylidene 4,4'-biphenylenedi...	360	C26H20N2	006311-48-4	81
2	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	49
3	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	47
4	1,3,2-Dioxaborolane, bis(spiro[4...	360	C20H13BO6	1000150-23-7	43
5	Ethene, 1-(anthracen-9-yl)-2-(4-...	360	C27H20O	1000163-55-1	43





Tentatively Identified Compound (LSC) summary

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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
unknown1.92	1.92	231.7	ng	13666300	1	6.99	1179620	20.0
Butane, 2-methoxy...	2.25	5.7	ng	336617	1	6.99	1179620	20.0
2-Pentanone, 4-hy...	5.21	23.0	ng	1357000	1	6.99	1179620	20.0
unknown6.76	6.76	111.4	ng	6567890	1	6.99	1179620	20.0
Ethanol, 2-(2-eth...	6.82	9.6	ng	564055	1	6.99	1179620	20.0
Tetracosane	10.94	2.6	ng	263495	4	11.52	2049220	20.0
1-Nonadecanol	13.99	2.2	ng	252085	5	14.15	2266010	20.0
Dibenzylidene 4,4...	16.74	2.4	ng	221467	6	15.62	1860400	20.0