LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

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-BF092016.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	1.632	3	4	30	rVB	3074739	8022226	100.00%	43.008%
2	1.941	30	31	51	rVB	52833	212917	2.65%	1.141%
3	2.787	99	105	111	rBV	98172	244037	3.04%	1.308%
4	4.513	254	256	261	rBV	54355	82653	1.03%	0.443%
5	5.027	299	301	309	rBV	376454	457920	5.71%	2.455%
6	5.873	370	375	379	rBV3	42038	110156	1.37%	0.591%
7	6.136	395	398	404	rBV2	427396	639291	7.97%	3.427%
8	6.227	404	406	414	rVB	543151	535787	6.68%	2.872%
9	6.456	424	426	428	rBV	773251	677078	8.44%	3.630%
10	6.559	432	435	438	rBV	157216	335571	4.18%	1.799%
11	6.604	438	439	442	rVB	270799	379989	4.74%	2.037%
12	7.027	473	476	478	rBV	307606	309632	3.86%	1.660%
13	7.553	518	522	527	rBV2	82737	162536	2.03%	0.871%
14	7.667	530	532	534	rVV	257257	268151	3.34%	1.438%
15	7.747	537	539	541	rVV	1054847	863795	10.77%	4.631%
16	7.839	546	547	550	rVB	132783	124021	1.55%	0.665%
17	8.102	567	570	572	rBV	311681	380954	4.75%	2.042%
18	8.822	631	633	636	rVV	622442	552965	6.89%	2.964%
19	9.233	665	669	671	rVV2	120840	176453	2.20%	0.946%
20	9.336	675	678	683	rVB5	46715	110712	1.38%	0.594%
21	9.485	689	691	694	rBV	673681	763332	9.52%	4.092%
22	10.136	744	748	752	rBV5	21455	84467	1.05%	0.453%
23	10.273	758	760	762	rBV	252774	254169	3.17%	1.363%
24	10.513	779	781	782	rBV2	61477	88014	1.10%	0.472%
25	10.548	782	784	787	rVB	83993	119254	1.49%	0.639%
26	10.959	817	820	822	rBV	779944	725050	9.04%	3.887%
27	11.028	824	826	827	rBV2	106154	119572	1.49%	0.641%
28	11.211	840	842	844	rBV	93939	139197	1.74%	0.746%
29	11.531	868	870	873	rBV2	105180	234952	2.93%	1.260%
30	12.548	957	959	961	rBV	296092	362407	4.52%	1.943%
31	13.588	1048	1050	1052	rBV	337113	513460	6.40%	2.753%
32	14.102	1093	1095	1098	rBV	409019	602350	7.51%	3.229%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-B-2-09272016

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 18653068

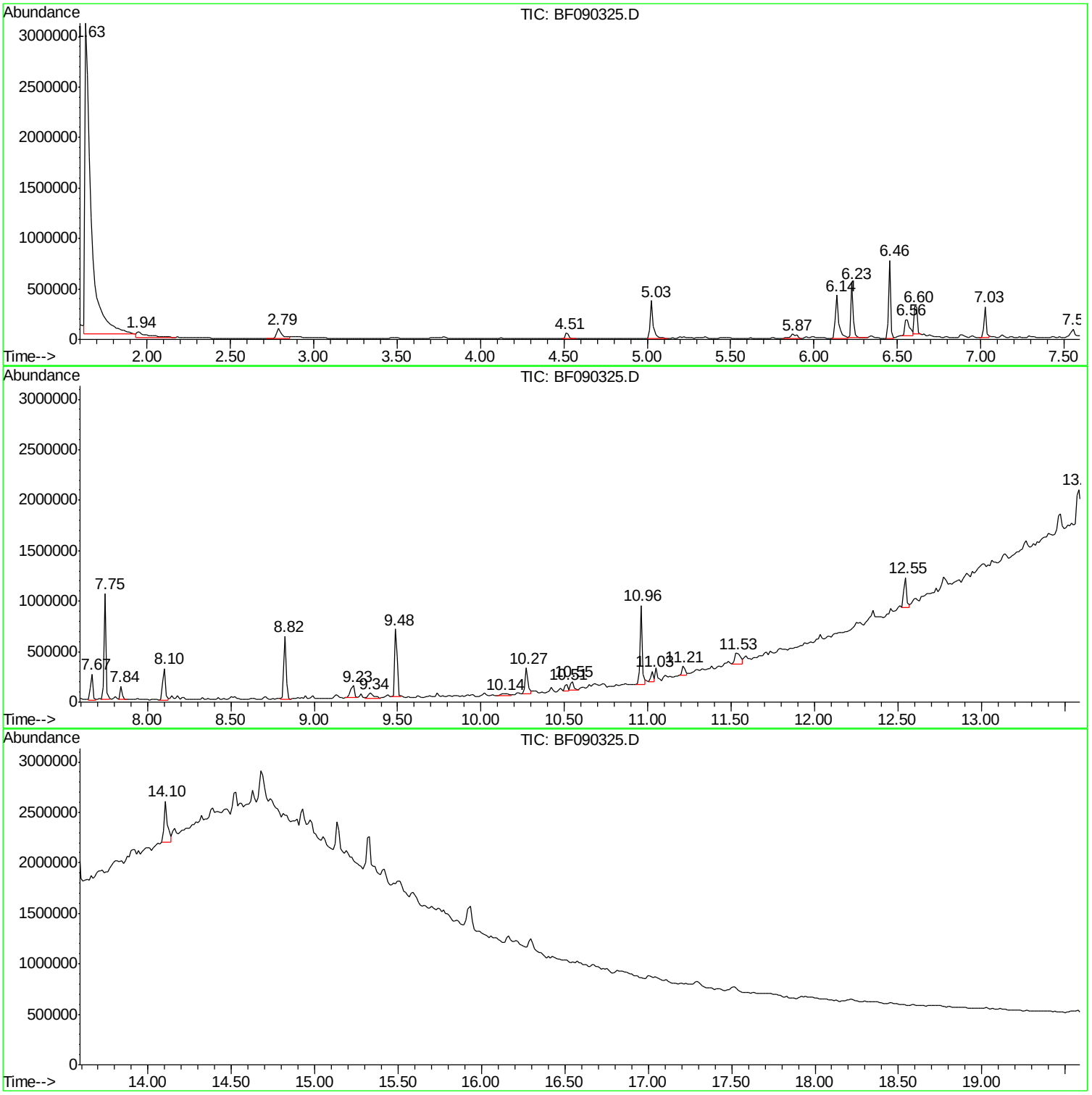
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

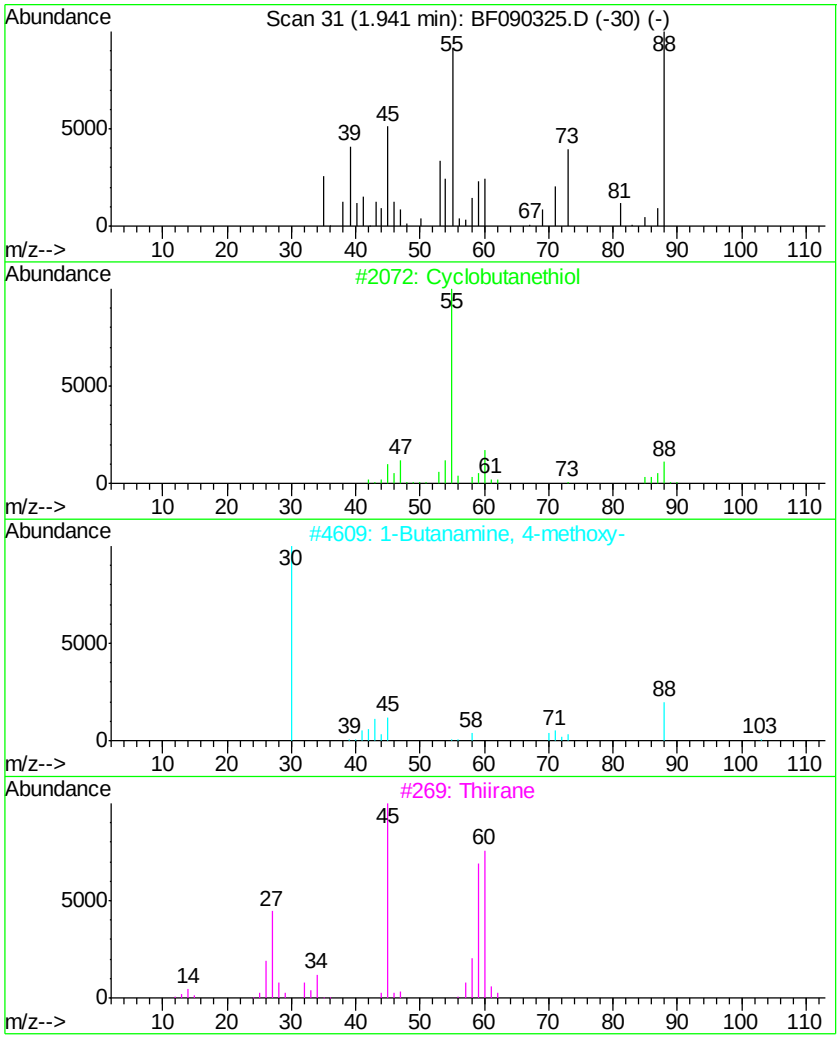
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

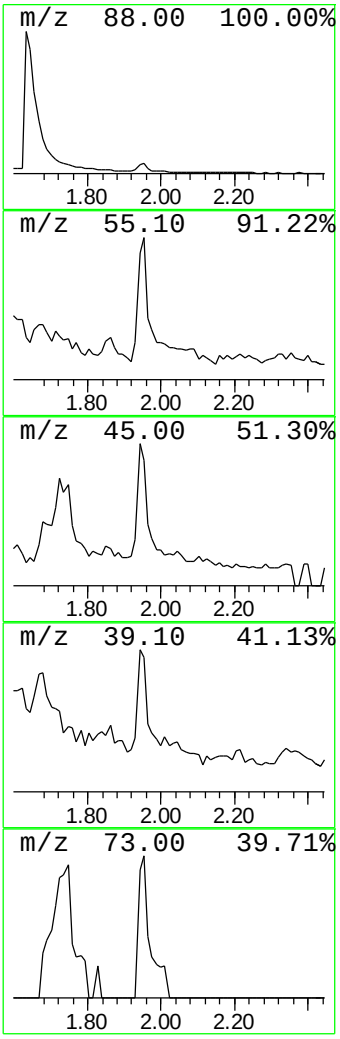
****

Peak Number 2 unknown1.94 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.94	6.29 ng	212917	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutanethiol	88	C4H8S	006861-61-6	9
2	1-Butanamine, 4-methoxy-	103	C5H13NO	034039-36-6	9
3	Thiirane	60	C2H4S	000420-12-2	7
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	5
5	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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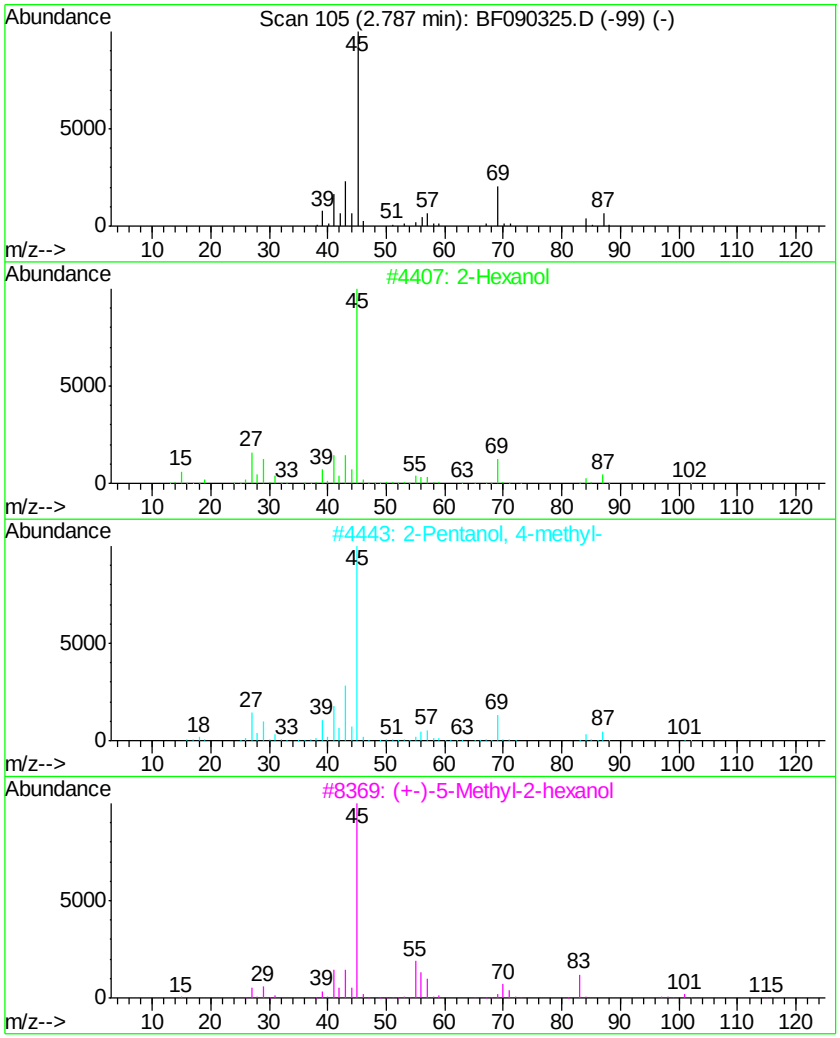
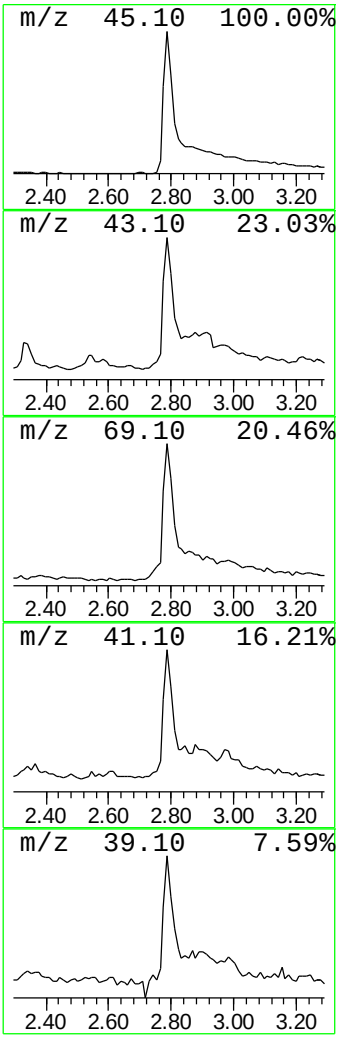
Peak Number 3 2-Hexanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	7.21 ng	244037	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	74
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
3	(+-)-5-Methyl-2-hexanol	116	C7H16O	111768-09-3	64
4	2-Nonanol	144	C9H20O	000628-99-9	43
5	2-Hexanol, 5-methyl-	116	C7H16O	000627-59-8	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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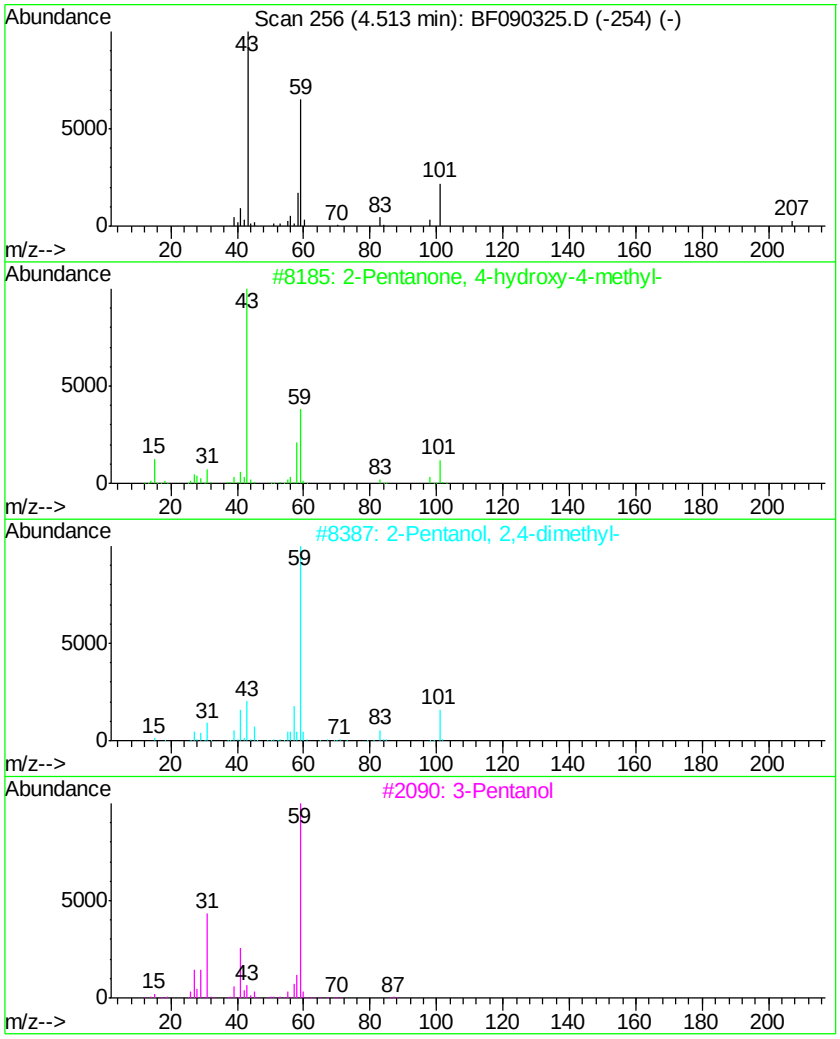
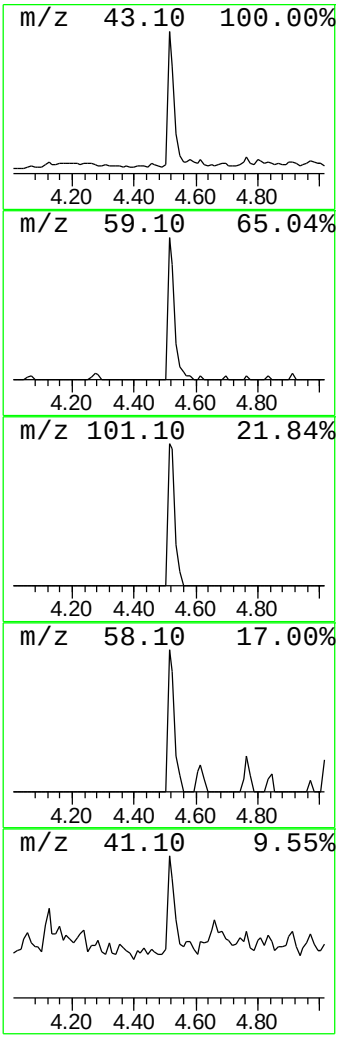
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.51	2.44 ng	82653	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
3	3-Pentanol	88	C5H12O	000584-02-1	17
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	12
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

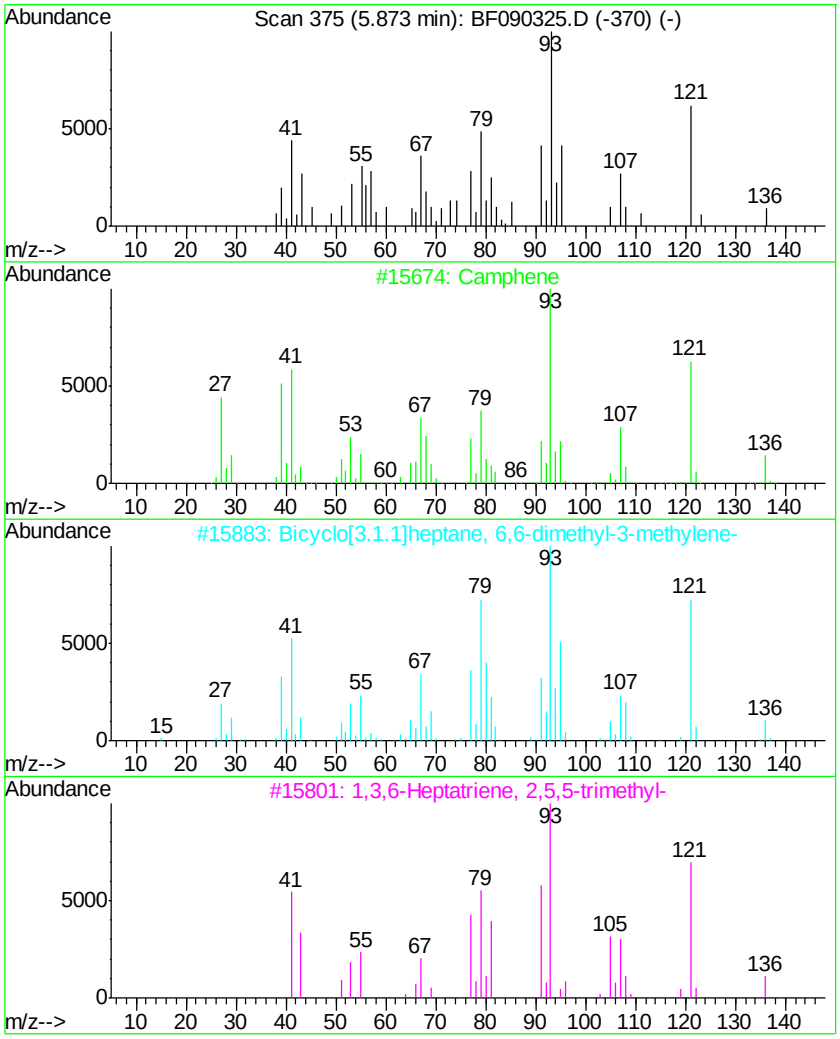
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

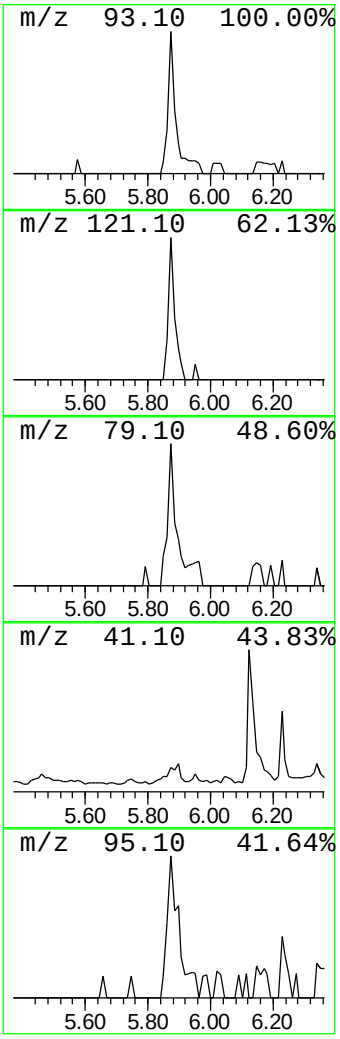
****

Peak Number 5 Camphene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	3.25 ng	110156	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	81
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	016022-04-1	80
3	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	58
4	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	53
5	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090325.D
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Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

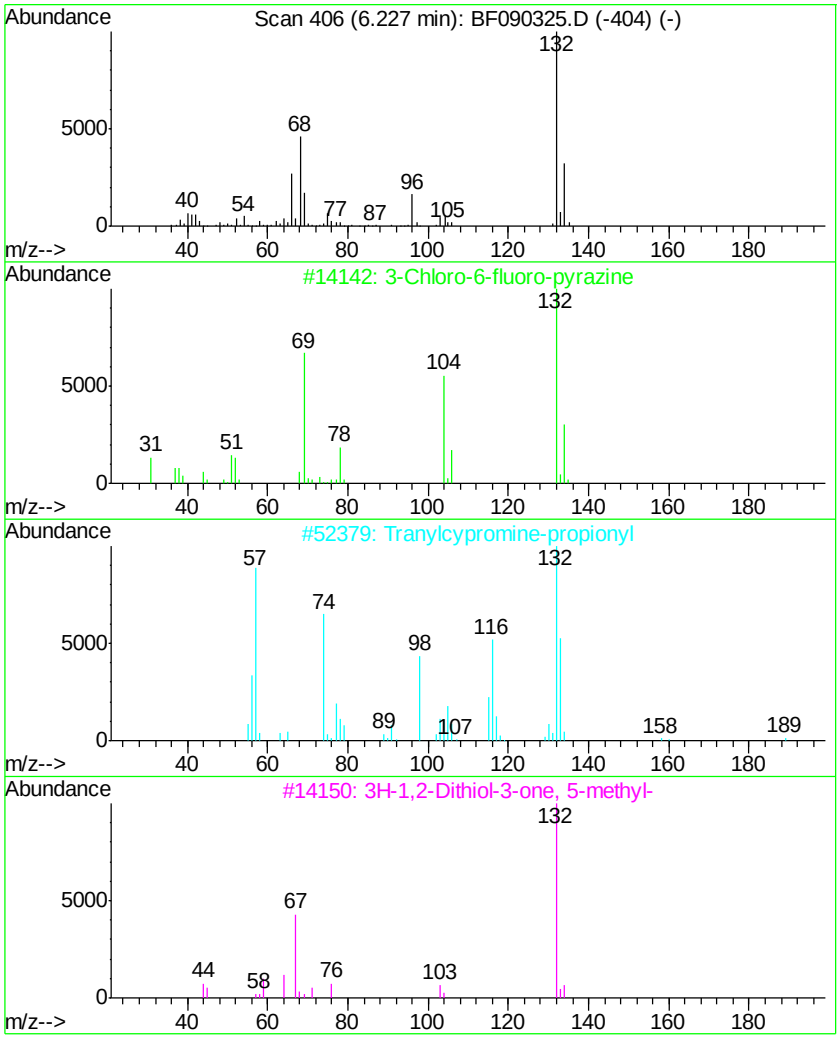
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

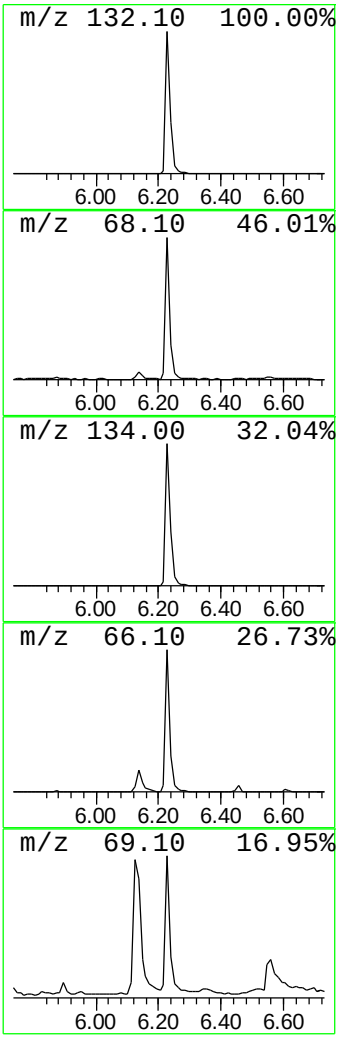
****

Peak Number 6 unknown6.23 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	15.83 ng	535787	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	9
4	5-Aminoindole	132	C8H8N2	005192-03-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
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Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

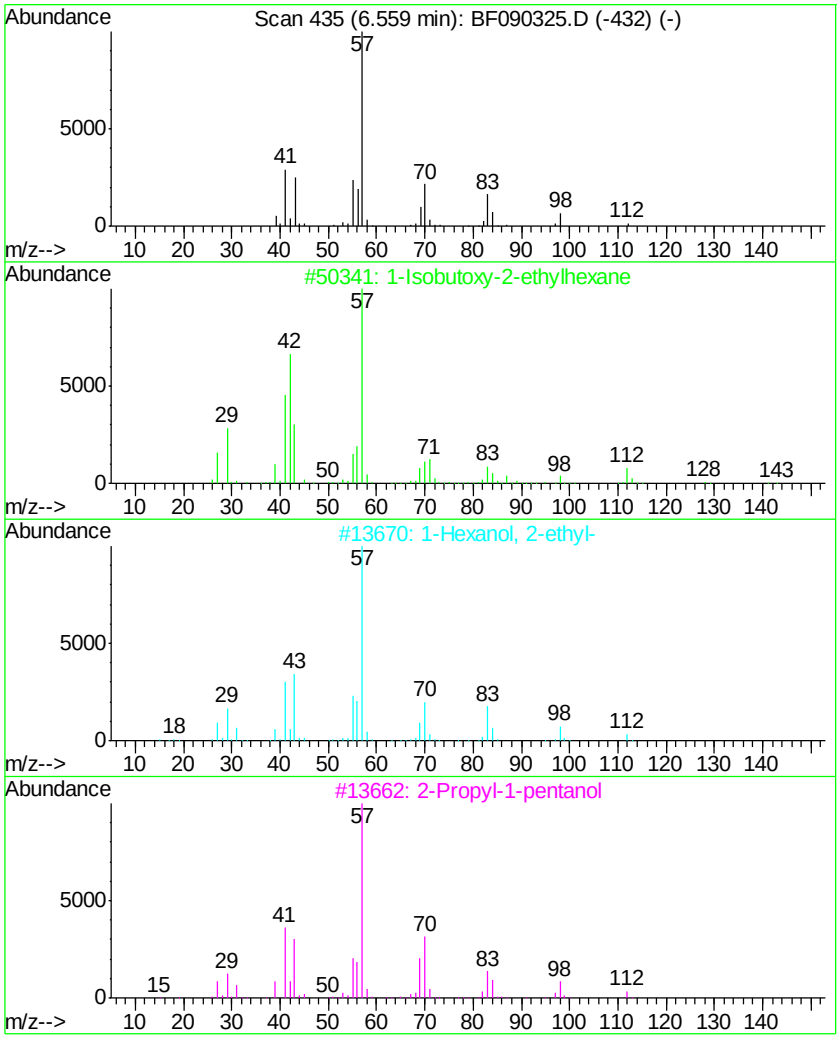
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

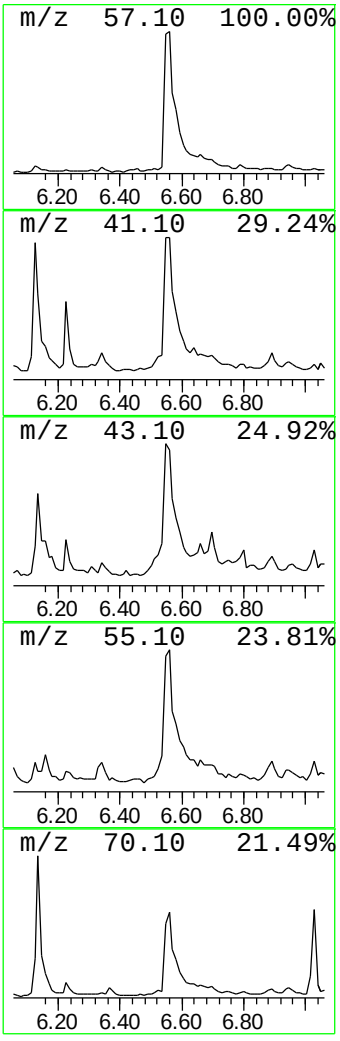
****

Peak Number 7 1-Isobutoxy-2-ethylhexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	9.91 ng	335571	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
5	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
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Acq On : 30 Sep 2016 21:16
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Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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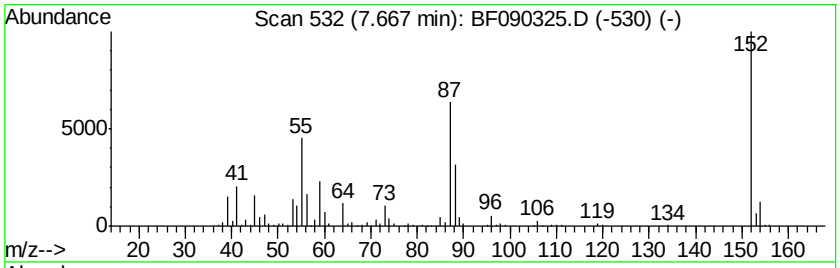
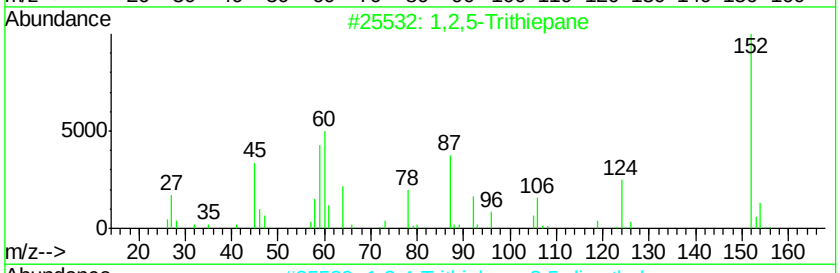
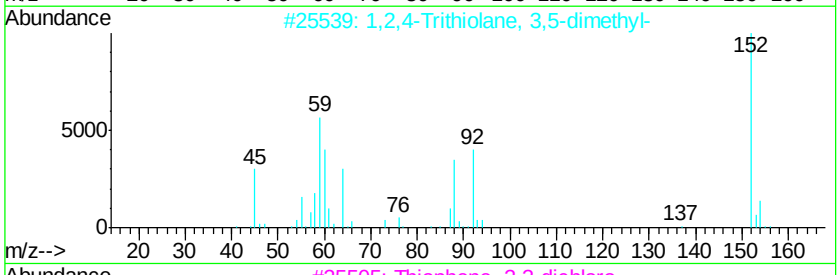
Peak Number 9 unknown7.67 Concentration Rank 10

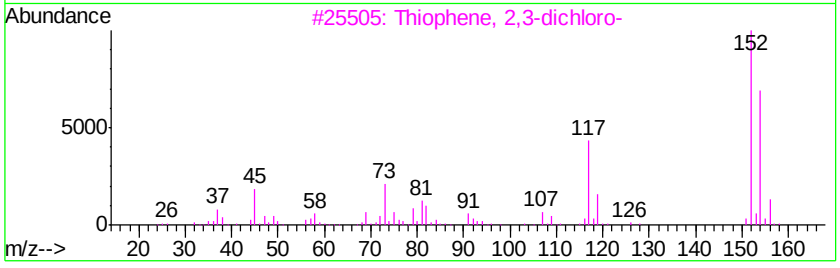
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	6.21 ng	268151	Naphthalene-d8	7.75

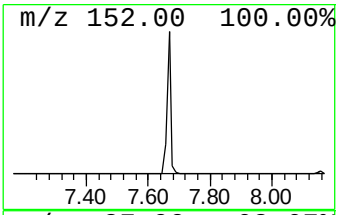
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	36
2	1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4	33
3	Thiophene, 2,3-dichloro-	152	C4H2Cl2S	017249-79-5	25
4	Vanillin lactoside	476	C20H28O13	1000129-94-7	17
5	2-Chlorobenzimidazole	152	C7H5ClN2	004857-06-1	12

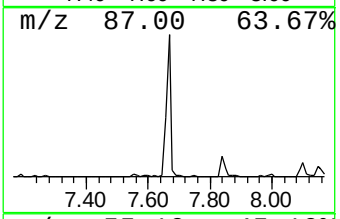


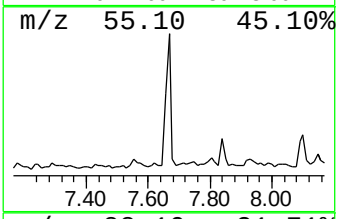


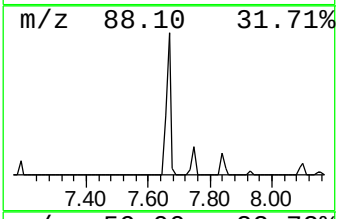


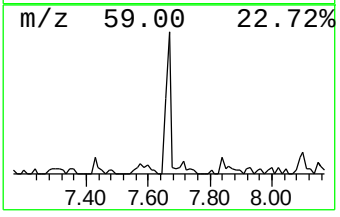












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Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

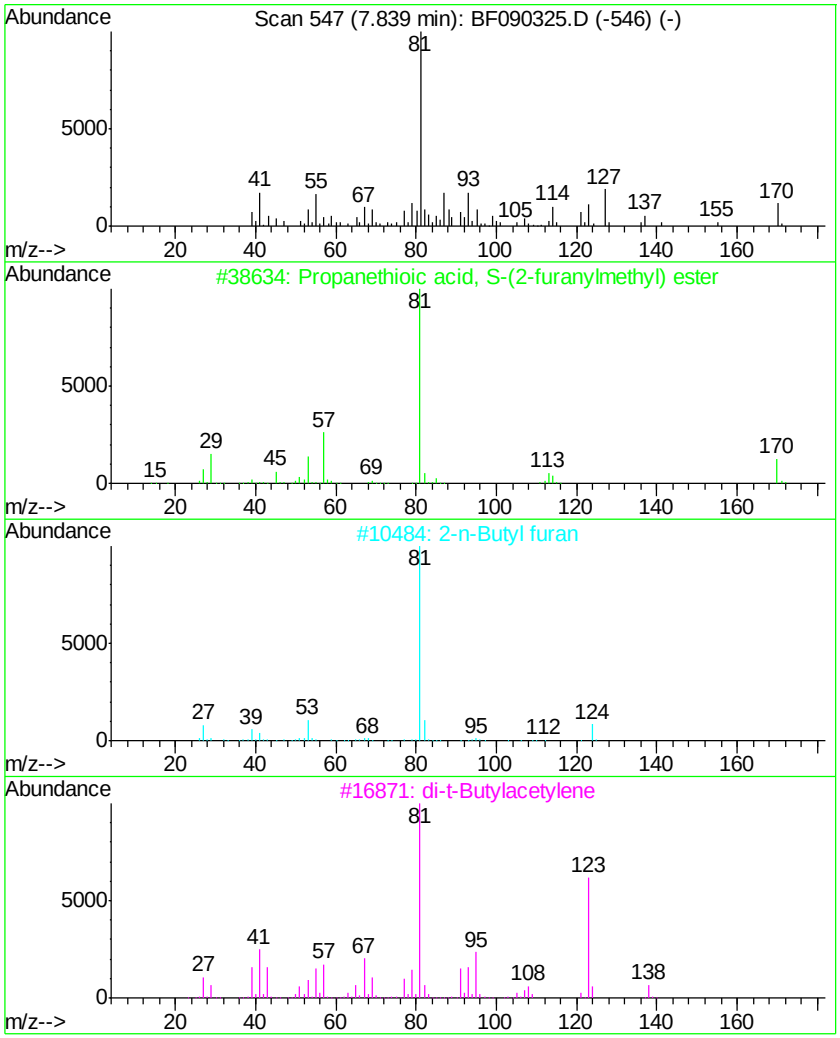
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

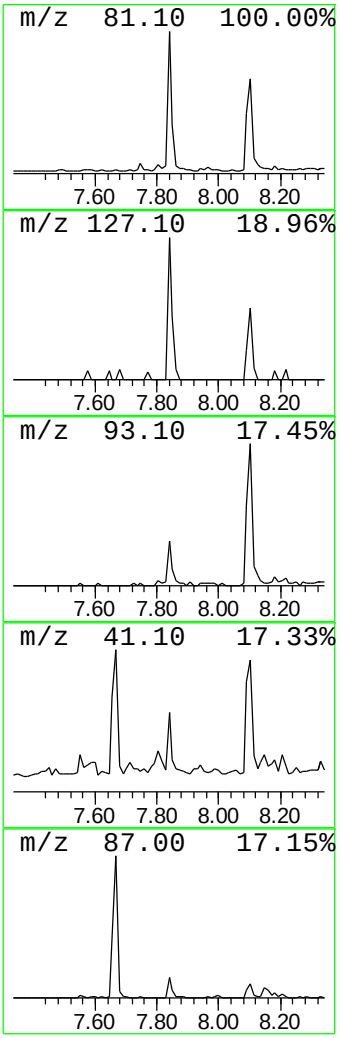
****

Peak Number 10 unknown7.84 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	2.87 ng	124021	Naphthalene-d8	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanethioic acid, S-(2-furanyl...	170	C8H10O2S	059020-85-8	40
2	2-n-Butyl furan	124	C8H12O	004466-24-4	38
3	di-t-Butylacetylene	138	C10H18	017530-24-4	38
4	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
5	2-Cyclopentene-1-carboxylic acid...	140	C8H12O2	068317-73-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

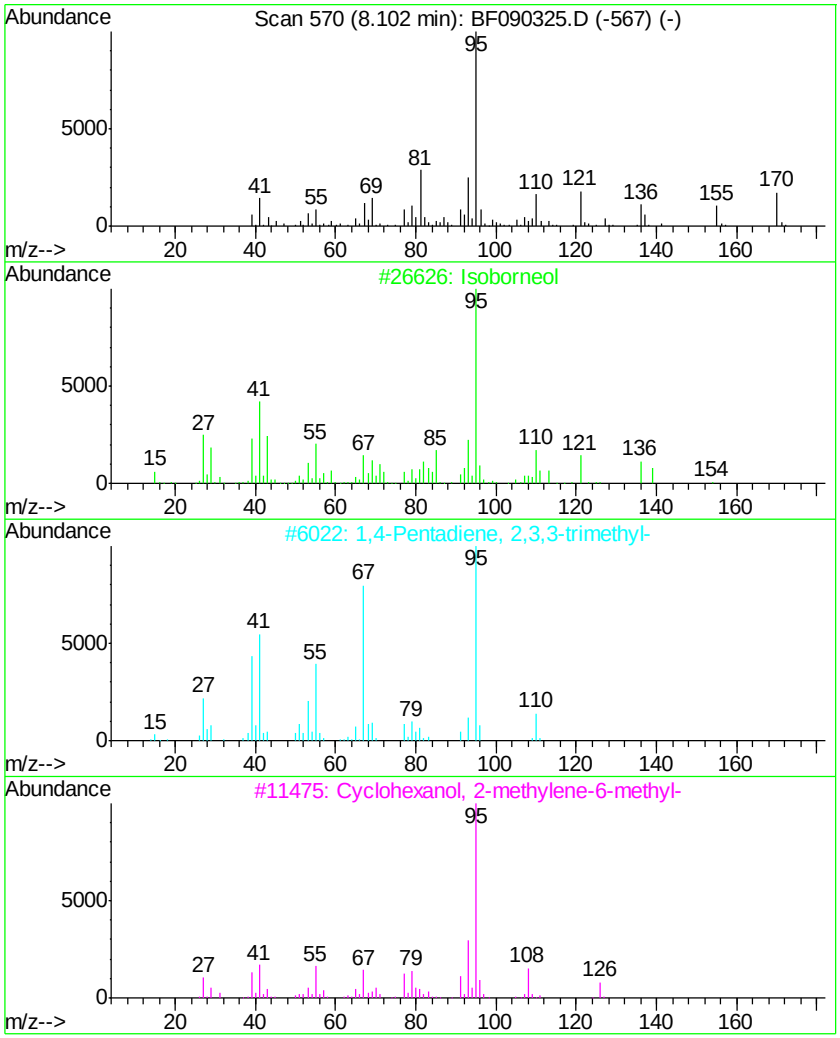
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

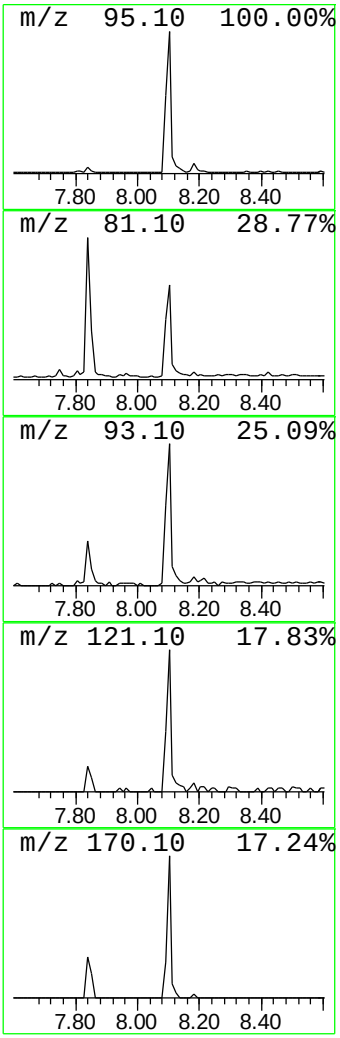
****

Peak Number 11 Isoborneol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	8.82 ng	380954	Naphthalene-d8	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoborneol	154	C10H18O	000124-76-5	64
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	49
3	Cyclohexanol, 2-methylene-6-methyl-	126	C8H14O	1000196-32-3	47
4	Bicyclo[3.2.1]oct-3-en-2-one, 4-...	136	C9H12O	062702-89-0	47
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	46





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Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

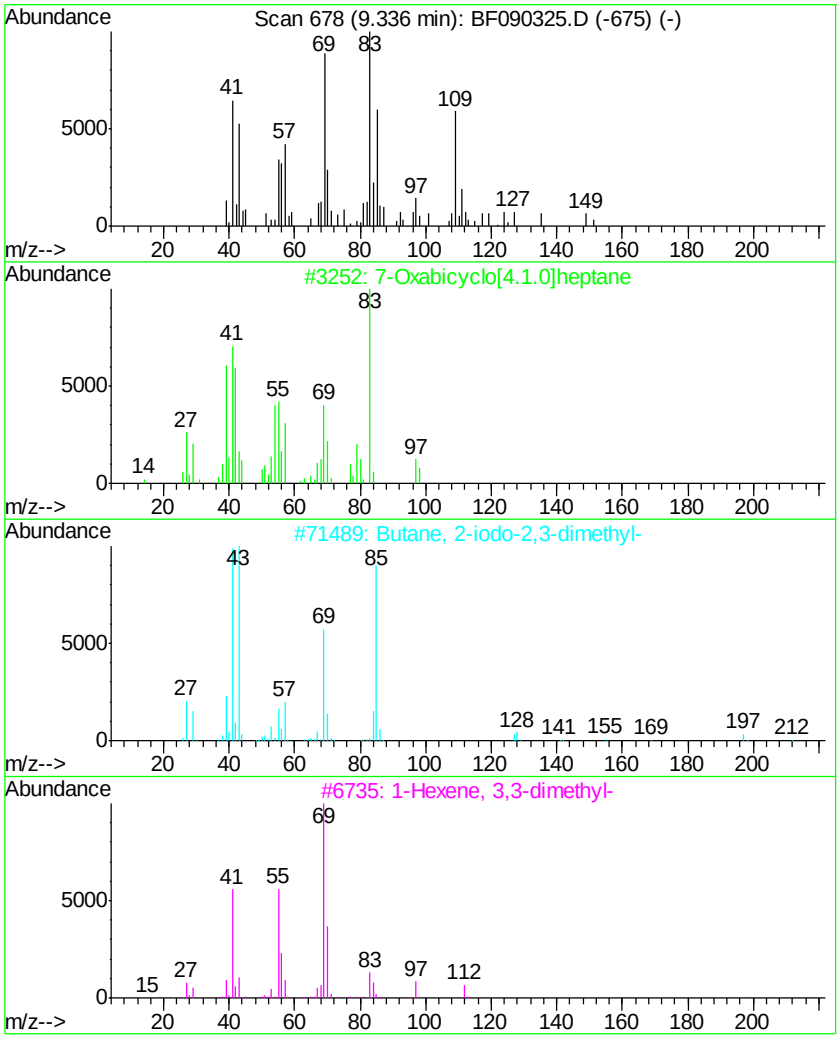
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

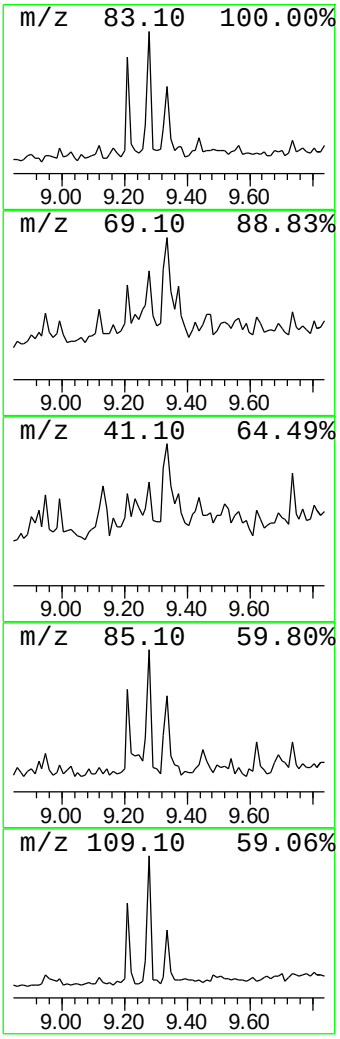
****

Peak Number 12 unknown9.34 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.90 ng	110712	Acenaphthene-d10	9.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	27
2	Butane, 2-iodo-2,3-dimethyl-	212	C6H13I	000594-59-2	27
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	22
4	3-Penten-2-one, (E)-	84	C5H8O	003102-33-8	18
5	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	18





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Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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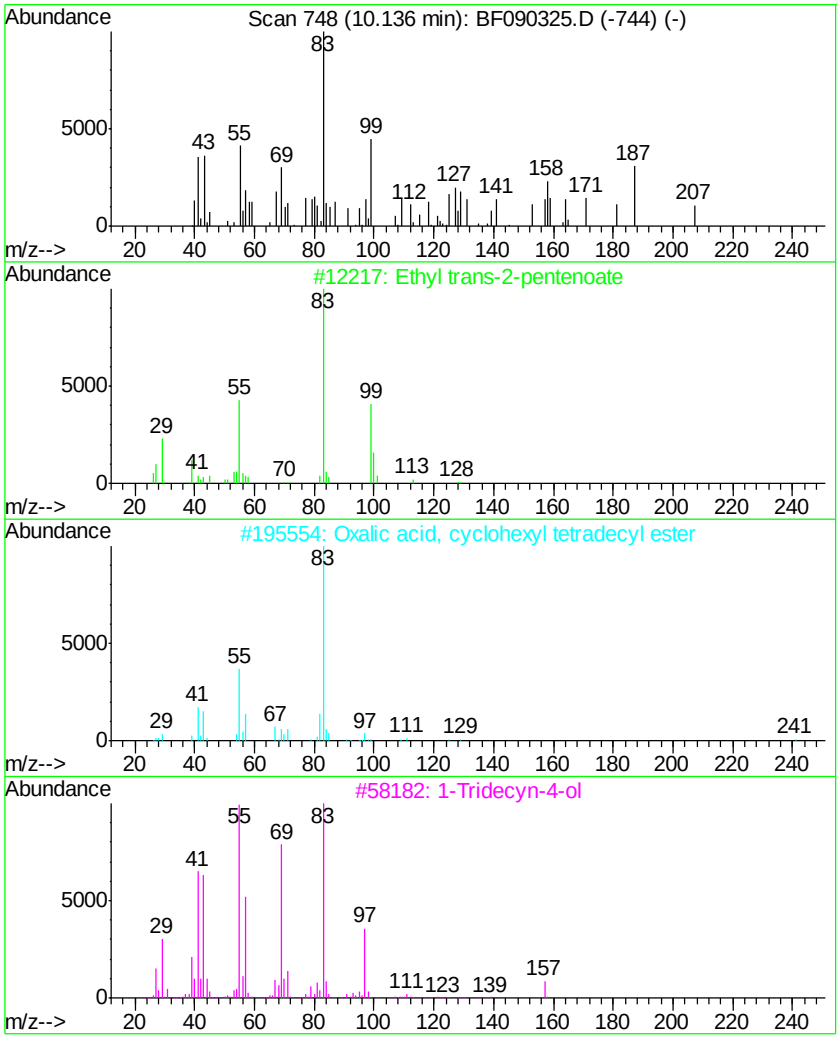
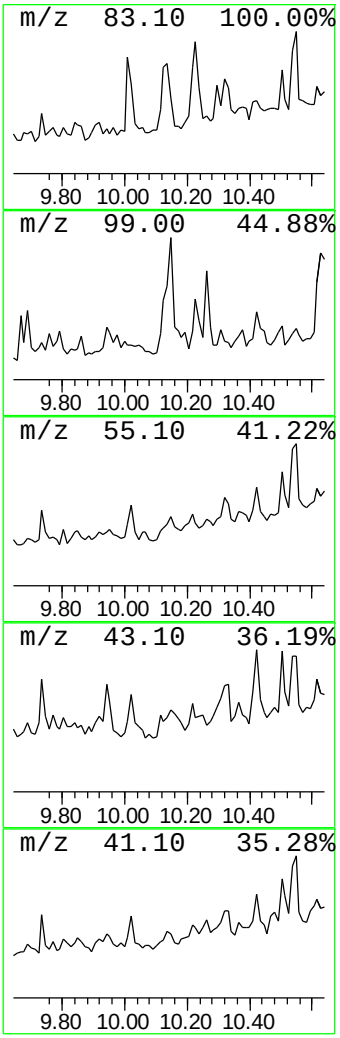
Peak Number 13 unknown10.14 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	2.21 ng	84467	Acenaphthene-d10	9.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl trans-2-pentenoate	128	C7H12O2	024410-84-2	23
2	Oxalic acid, cyclohexyl tetradec...	368	C22H40O4	1000309-31-5	22
3	1-Tridecyn-4-ol	196	C13H24O	074646-37-0	22
4	Oxalic acid, cyclohexyl octyl ester	284	C16H28O4	1000309-31-0	22
5	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	22





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Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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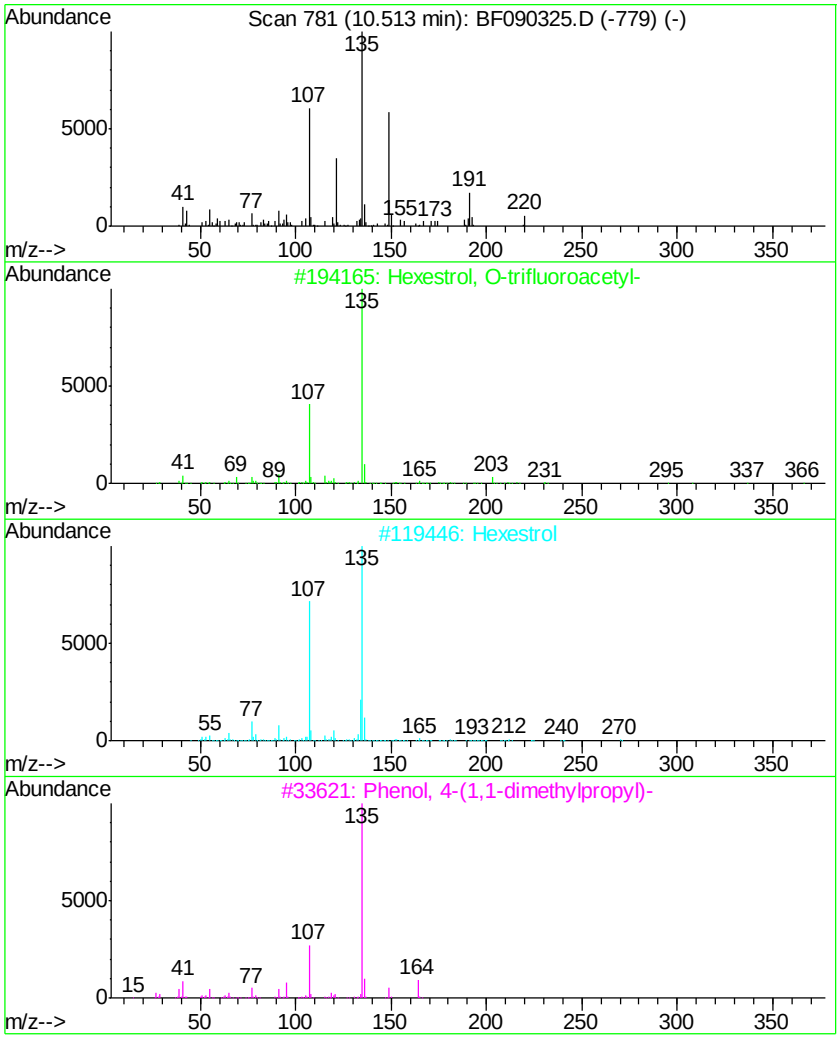
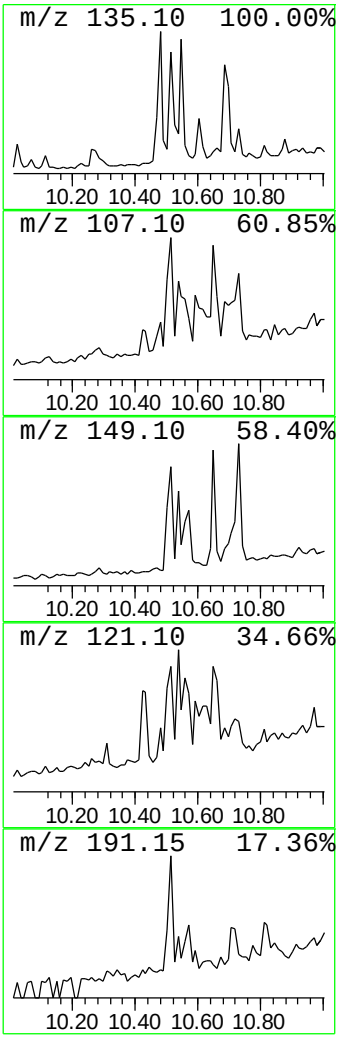
Peak Number 14 Hexestrol, O-trifluoroacetyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	2.43 ng	88014	Phenanthrene-d10	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	50
2	Hexestrol	270	C18H22O2	000084-16-2	50
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	43
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	43





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Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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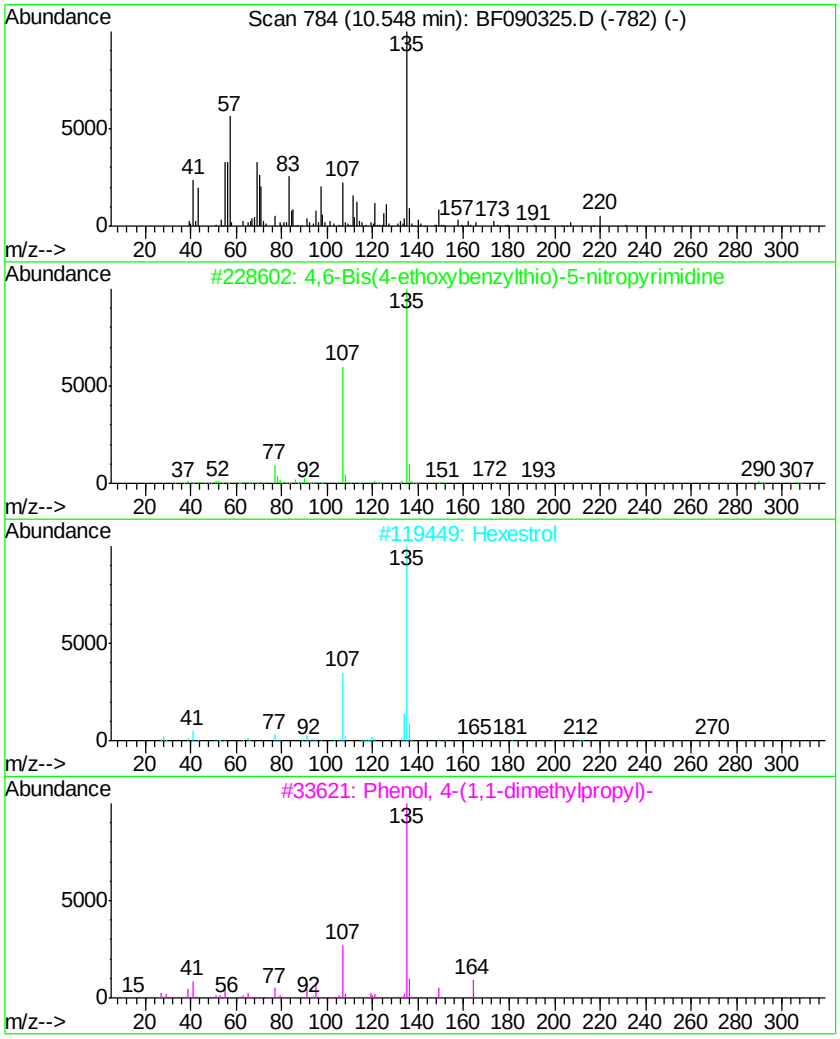
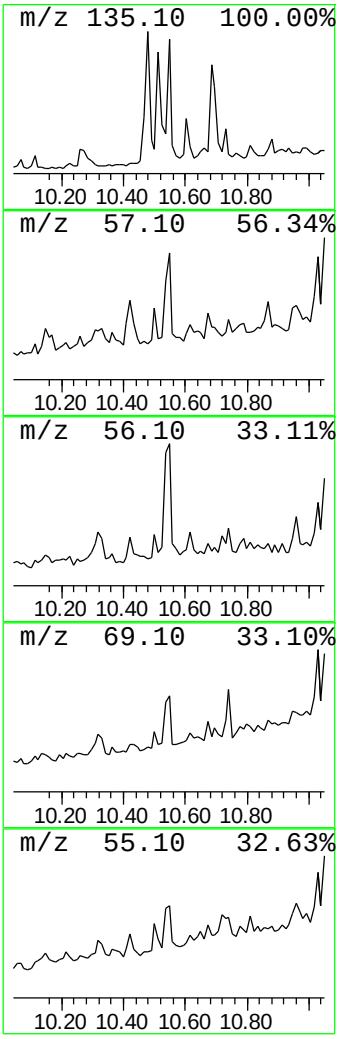
Peak Number 15 unknown10.55 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	3.29 ng	119254	Phenanthrene-d10	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	43
2	Hexestrol	270	C18H22O2	000084-16-2	43
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	43
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	43
5	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
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Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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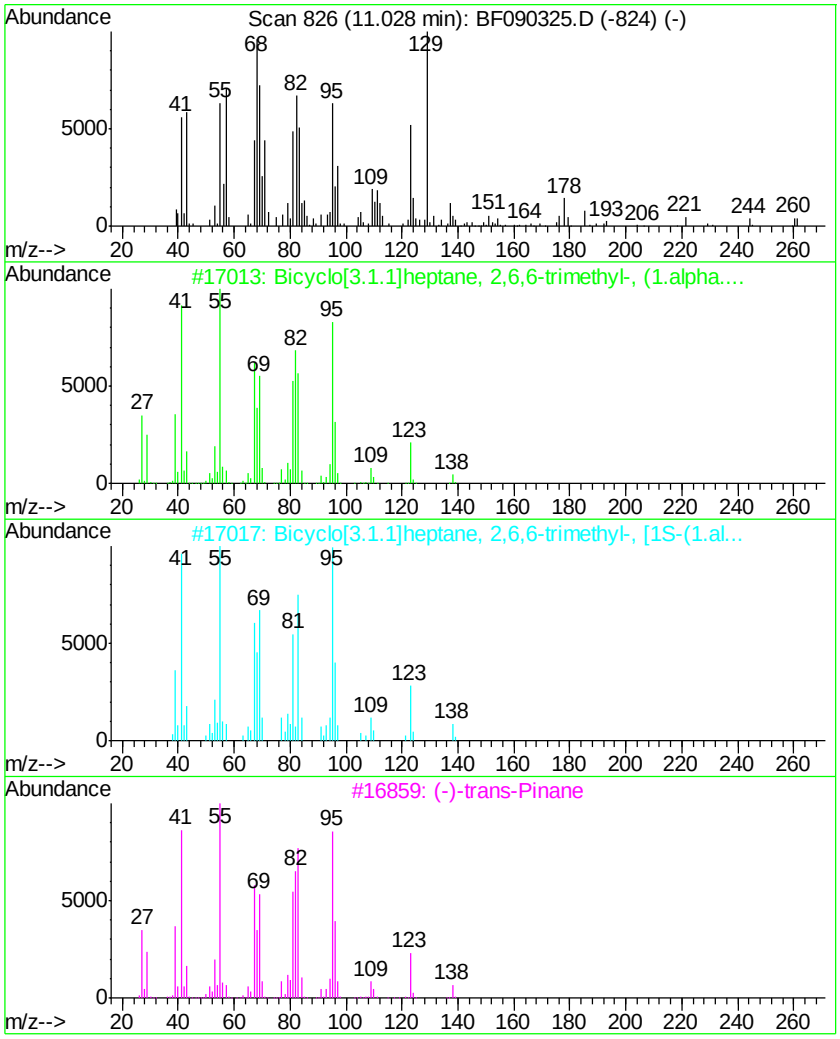
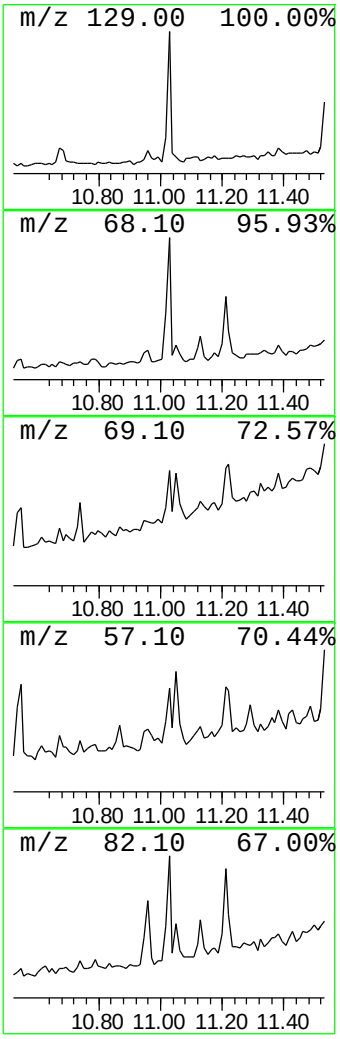
Peak Number 16 unknown11.03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	3.30 ng	119572	Phenanthrene-d10	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	46
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	42
3	(-)-trans-Pinane	138	C10H18	033626-25-4	42
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	38
5	cis-9,10-Epoxyoctadecan-1-ol	284	C18H36O2	013980-12-6	38





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Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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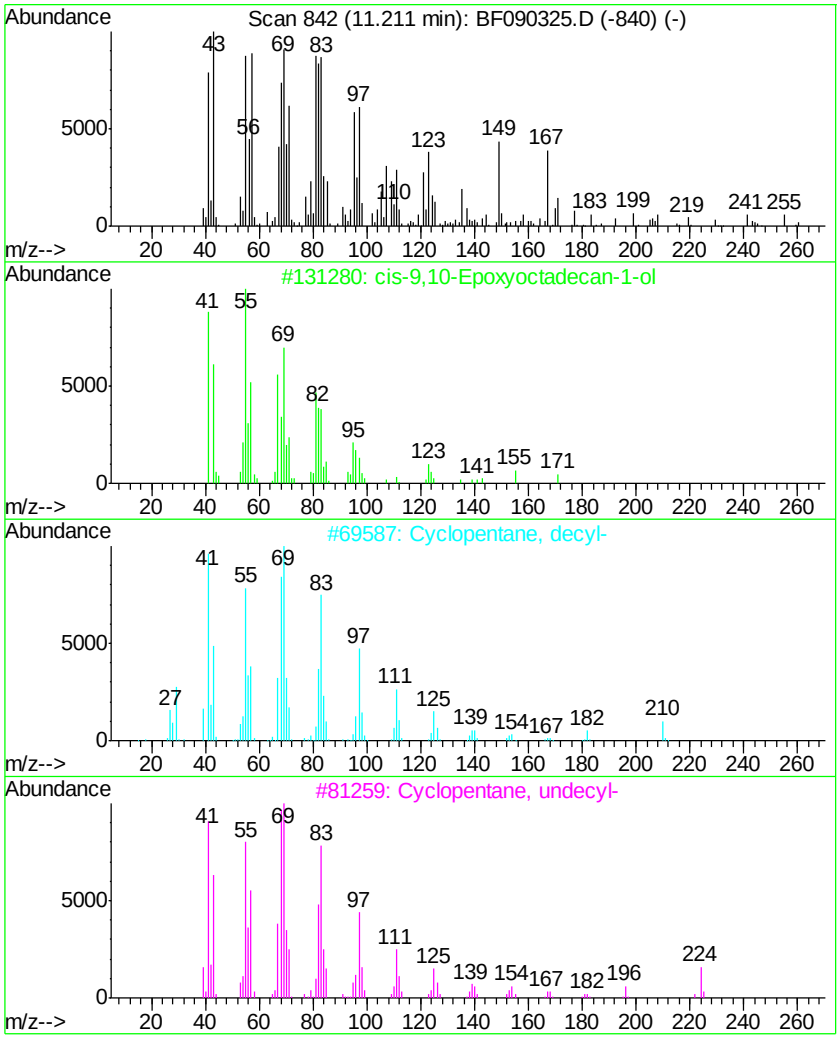
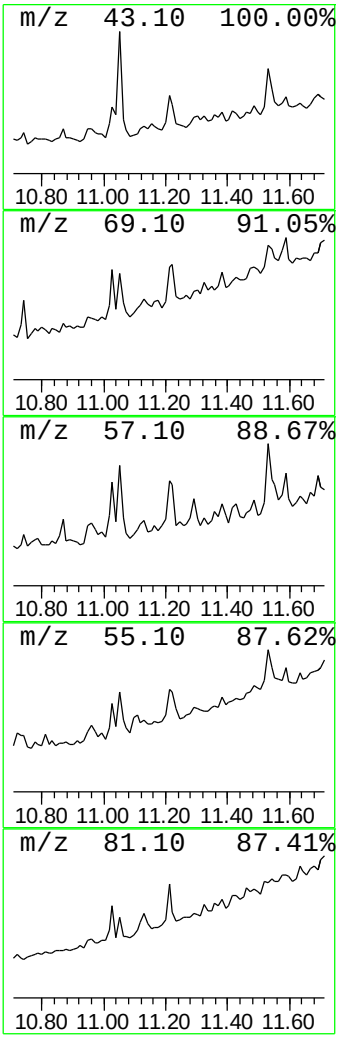
Peak Number 17 cis-9,10-Epoxyoctadecan-1-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	3.84 ng	139197	Phenanthrene-d10	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9,10-Epoxyoctadecan-1-ol	284	C18H36O2	013980-12-6	52
2	Cyclopentane, decyl-	210	C15H30	001795-21-7	43
3	Cyclopentane, undecyl-	224	C16H32	006785-23-5	43
4	1-Tetradecanol, 14-chloro-	248	C14H29ClO	073937-05-0	43
5	17-Pentatriacontene	491	C35H70	006971-40-0	38





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Operator : UM/SJ
Sample : H5023-06 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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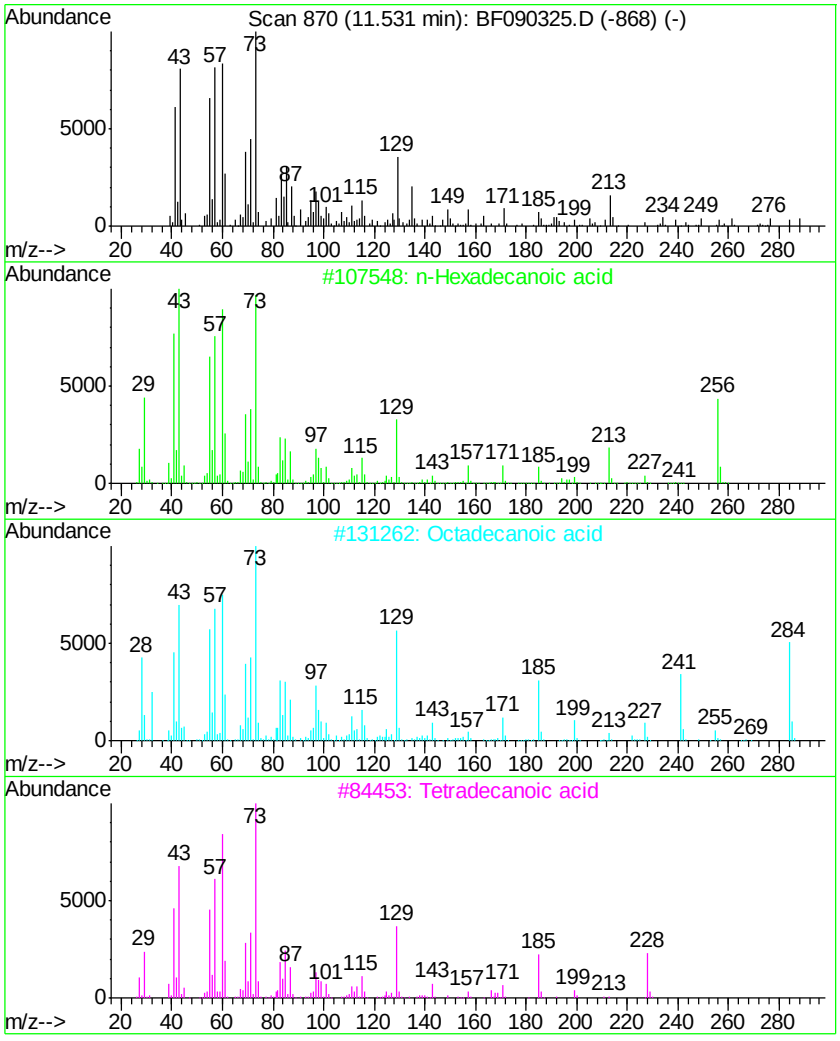
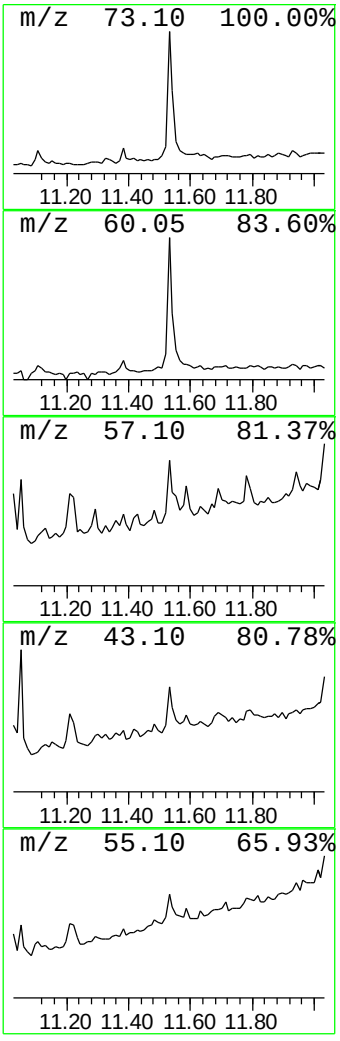
Peak Number 18 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	6.48 ng	234952	Phenanthrene-d10	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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Misc :
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Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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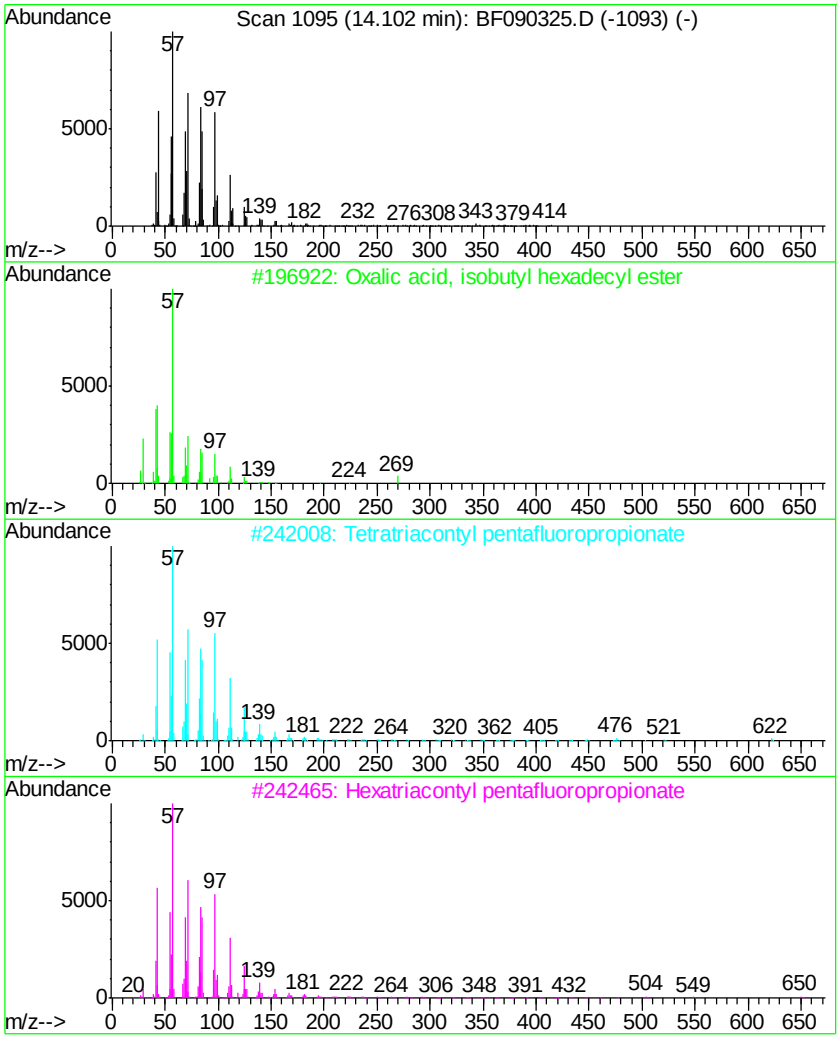
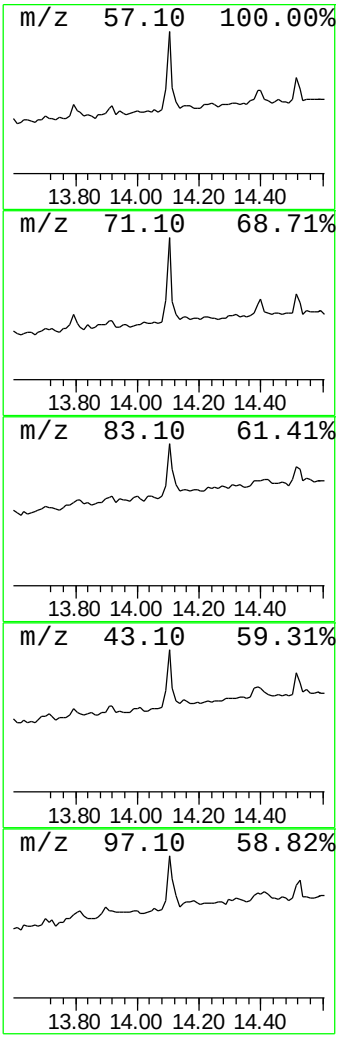
Peak Number 19 Oxalic acid, isobutyl hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	23.46 ng	602350	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	81
3	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	81
4	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	81
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090325.D
Acq On : 30 Sep 2016 21:16
Operator : UM/SJ
Sample : H5023-06 5X
Misc :
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Instrument : BNA_F
ClientSampleId : WC-AREA-B-2-09272016

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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
unknown1.94	1.94	6.3	ng	212917	1	6.46	677078	20.0
2-Hexanol	2.79	7.2	ng	244037	1	6.46	677078	20.0
2-Pentanone, 4-hy...	4.51	2.4	ng	82653	1	6.46	677078	20.0
Camphene	5.87	3.3	ng	110156	1	6.46	677078	20.0
unknown6.23	6.23	15.8	ng	535787	1	6.46	677078	20.0
1-Isobutoxy-2-eth...	6.56	9.9	ng	335571	1	6.46	677078	20.0
unknown7.67	7.67	6.2	ng	268151	2	7.75	863795	20.0
unknown7.84	7.84	2.9	ng	124021	2	7.75	863795	20.0
Isoborneol	8.10	8.8	ng	380954	2	7.75	863795	20.0
unknown9.34	9.34	2.9	ng	110712	3	9.48	763332	20.0
unknown10.14	10.14	2.2	ng	84467	3	9.48	763332	20.0
Hexestrol, O-trif...	10.51	2.4	ng	88014	4	10.96	725050	20.0
unknown10.55	10.55	3.3	ng	119254	4	10.96	725050	20.0
unknown11.03	11.03	3.3	ng	119572	4	10.96	725050	20.0
cis-9,10-Epoxyoct...	11.21	3.8	ng	139197	4	10.96	725050	20.0
n-Hexadecanoic acid	11.53	6.5	ng	234952	4	10.96	725050	20.0
Oxalic acid, isob...	14.10	23.5	ng	602350	5	13.59	513460	20.0