LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

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-BF052316.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	1.644	4	5	58	rVB	3221820	6201016	100.00%	11.663%
2	4.776	277	279	291	rBV	30168	86835	1.40%	0.163%
3	5.427	334	336	352	rBV	832561	1707469	27.54%	3.211%
4	6.753	449	452	458	rBV	92427	140583	2.27%	0.264%
5	7.096	480	482	487	rBV	501673	924077	14.90%	1.738%
6	7.188	487	490	496	rVB	2111132	3155935	50.89%	5.936%
7	7.519	517	519	522	rBV	656775	769340	12.41%	1.447%
8	7.576	522	524	526	rBV2	41945	72552	1.17%	0.136%
9	7.759	537	540	543	rBV	2307874	2853059	46.01%	5.366%
10	7.896	547	552	555	rVB2	73583	155613	2.51%	0.293%
11	8.079	564	568	571	rBV3	72010	188558	3.04%	0.355%
12	8.125	571	572	576	rVB	76249	79605	1.28%	0.150%
13	8.193	576	578	580	rBV	76429	111890	1.80%	0.210%
14	8.445	596	600	601	rBV	1456773	2527491	40.76%	4.754%
15	8.468	601	602	606	rVB	231898	257931	4.16%	0.485%
16	8.593	610	613	617	rBV2	117568	331088	5.34%	0.623%
17	8.708	620	623	626	rVB3	78833	181201	2.92%	0.341%
18	8.776	626	629	630	rBV	91895	150331	2.42%	0.283%
19	8.811	630	632	634	rVB	63642	86045	1.39%	0.162%
20	8.879	634	638	640	rBV4	44752	107801	1.74%	0.203%
21	8.948	640	644	646	rVB3	95228	184233	2.97%	0.347%
22	9.073	649	655	657	rBV5	49863	164009	2.64%	0.308%
23	9.142	657	661	663	rBV4	67833	183078	2.95%	0.344%
24	9.211	663	667	671	rVB3	123994	298186	4.81%	0.561%
25	9.348	671	679	681	rBV4	149139	550029	8.87%	1.035%
26	9.405	681	684	685	rBV2	49943	95026	1.53%	0.179%
27	9.451	685	688	689	rBV	69310	98850	1.59%	0.186%
28	9.496	689	692	694	rBV4	56980	86411	1.39%	0.163%
29	9.553	694	697	699	rBV	692821	819079	13.21%	1.541%
30	9.702	707	710	715	rBV3	157366	489571	7.90%	0.921%
31	9.816	718	720	722	rBV2	132174	293757	4.74%	0.553%
32	9.862	722	724	727	rVB3	214083	399709	6.45%	0.752%
33	9.931	727	730	732	rBV3	67819	95203	1.54%	0.179%
34	10.034	732	739	742	rBV5	225387	813412	13.12%	1.530%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.171	746	751	753	rBV2	319121	789911	12.74%	1.486%
36	10.251	753	758	762	rVV5	257204	895960	14.45%	1.685%
37	10.319	762	764	767	rBV2	119407	269076	4.34%	0.506%
38	10.491	774	779	783	rBV3	407086	1658079	26.74%	3.119%
39	10.708	795	798	803	rVB5	711757	2177876	35.12%	4.096%
40	10.834	803	809	810	rBV5	548946	1657452	26.73%	3.117%
41	10.971	817	821	822	rBV2	328720	844234	13.61%	1.588%
42	11.108	830	833	835	rBV4	343102	742454	11.97%	1.396%
43	11.336	850	853	855	rBV	2525934	3244738	52.33%	6.103%
44	11.611	874	877	881	rBV3	611226	1809442	29.18%	3.403%
45	12.388	943	945	948	rVB3	779529	1137048	18.34%	2.139%
46	12.857	982	986	990	rBV6	796057	2485947	40.09%	4.676%
47	13.234	1016	1019	1022	rVB4	550537	1320163	21.29%	2.483%
48	13.657	1052	1056	1058	rBV	840219	1899330	30.63%	3.572%
49	13.702	1058	1060	1068	rVV5	1300045	3354974	54.10%	6.310%
50	14.800	1154	1156	1159	rVB	497114	777195	12.53%	1.462%
51	17.166	1360	1363	1365	rVB	1850072	2337671	37.70%	4.397%
52	18.503	1478	1480	1484	rVB	557235	642371	10.36%	1.208%
53	20.160	1623	1625	1630	rVB	349865	465215	7.50%	0.875%

Sum of corrected areas: 53168109

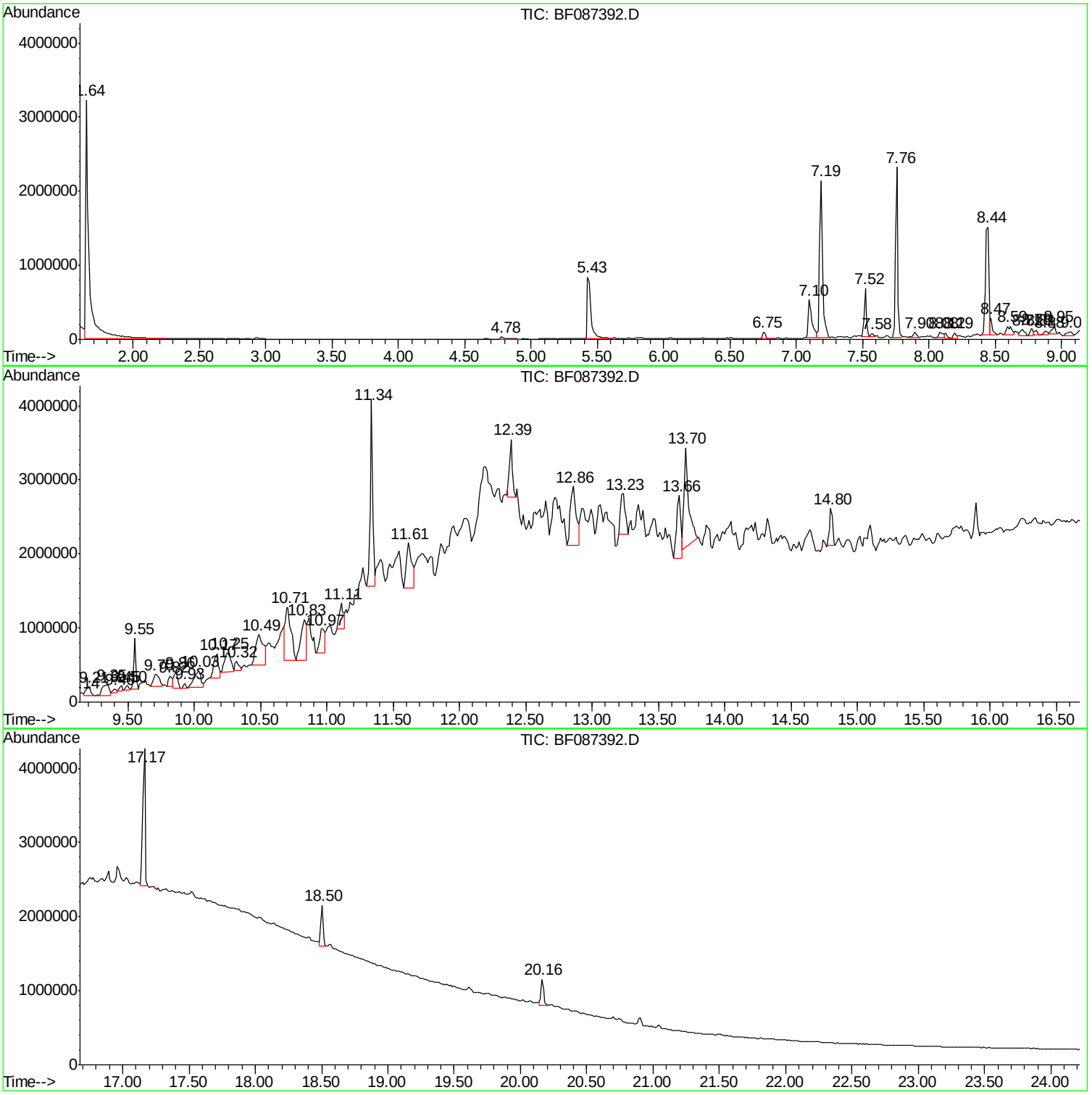
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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\BF052516\
Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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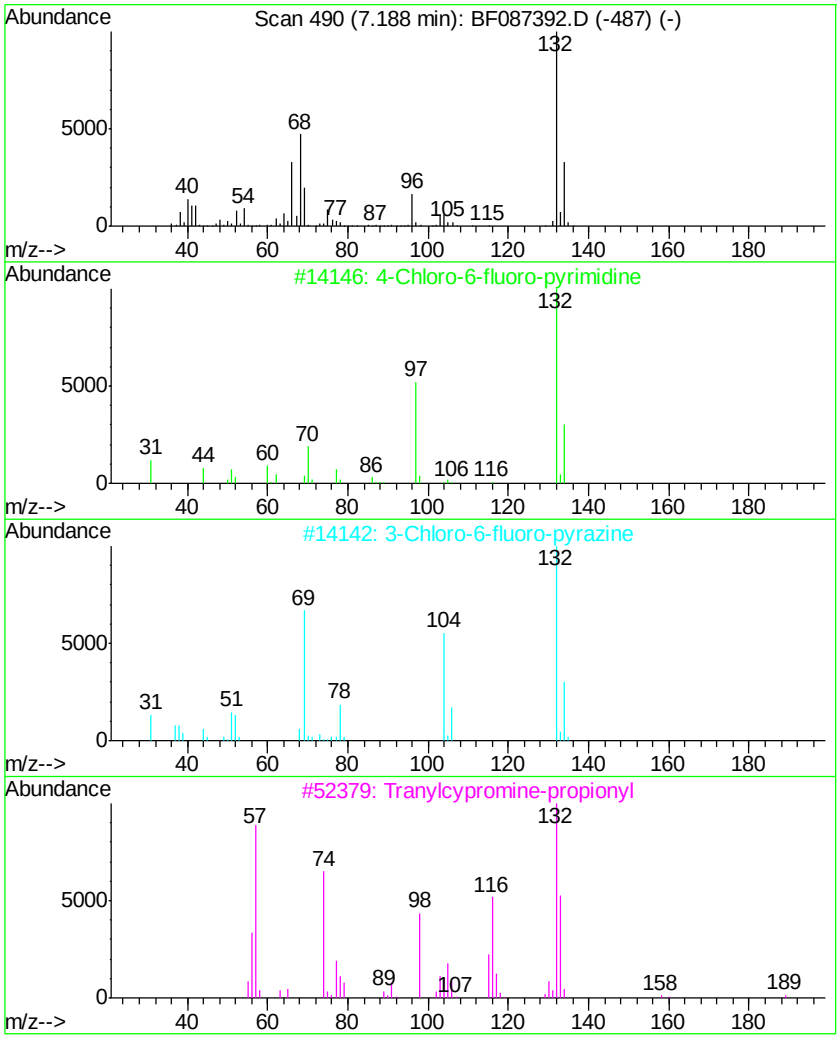
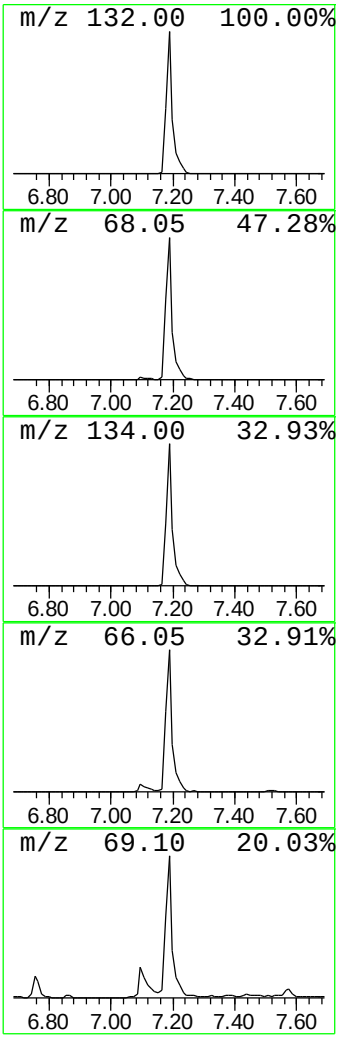
Peak Number 2 unknown7.19 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	82.04 ng	3155940	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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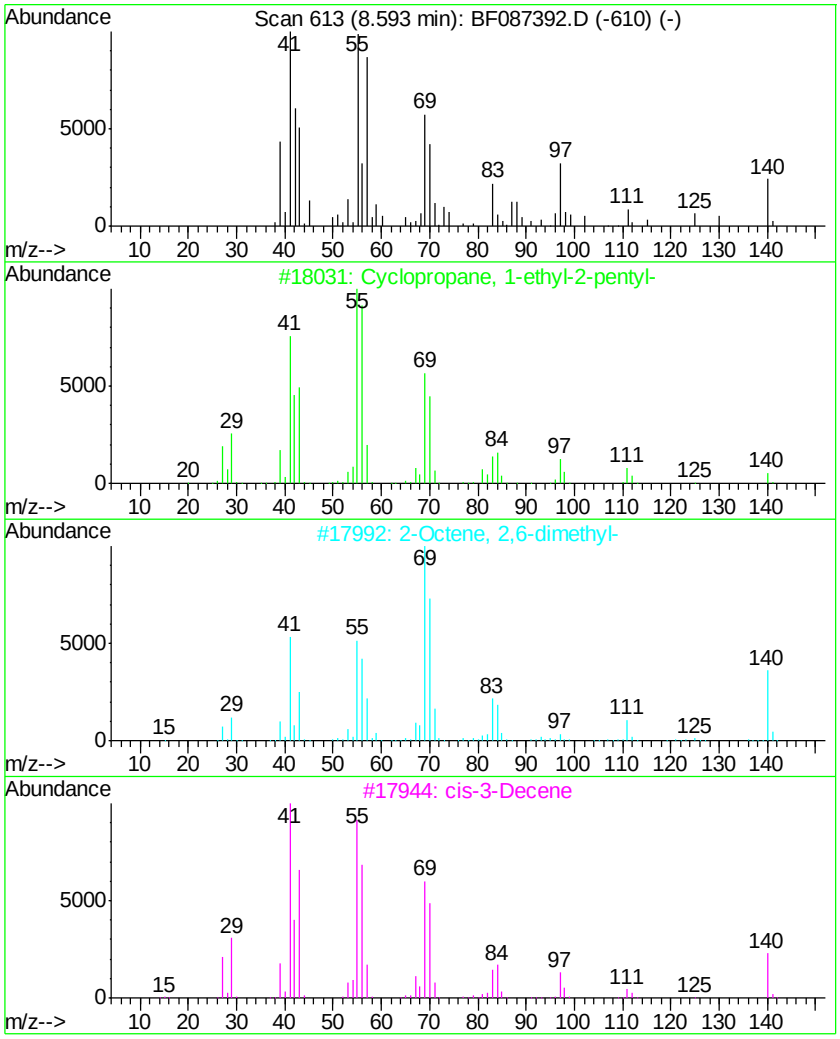
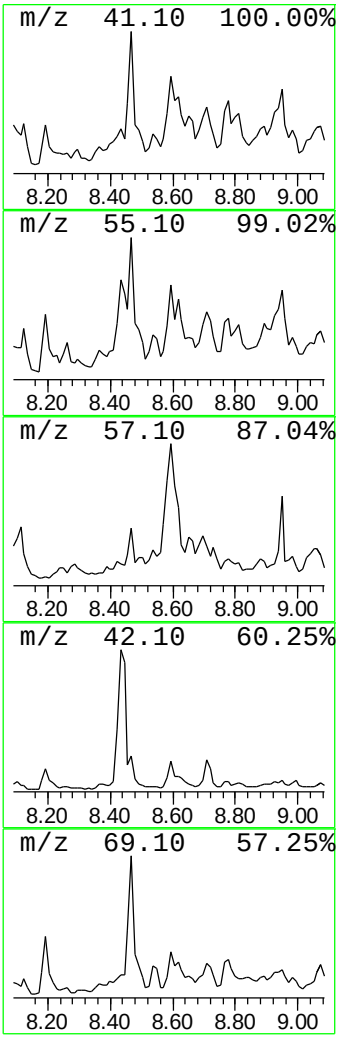
Peak Number 4 unknown8.59 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	8.08 ng	331088	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-2-pentyl-	140	C10H20	062238-08-8	47
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
3	cis-3-Decene	140	C10H20	019398-86-8	38
4	2-Decene, (Z)-	140	C10H20	020348-51-0	35
5	5-Decene, (E)-	140	C10H20	007433-56-9	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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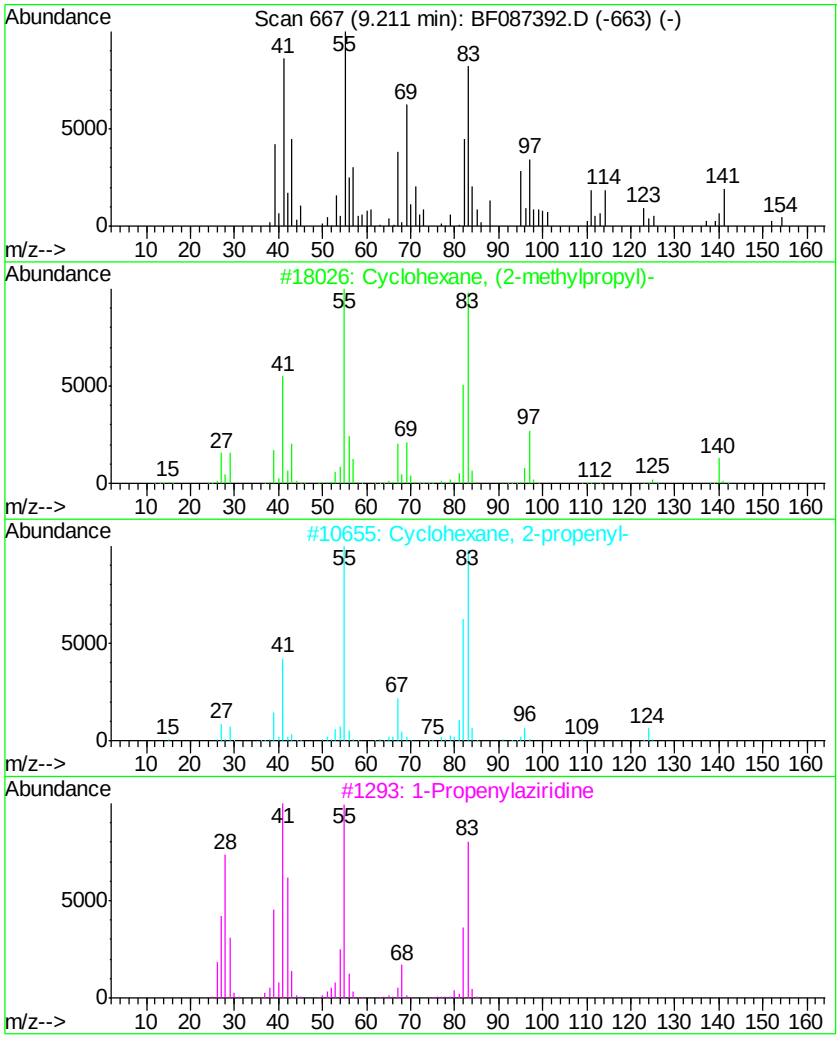
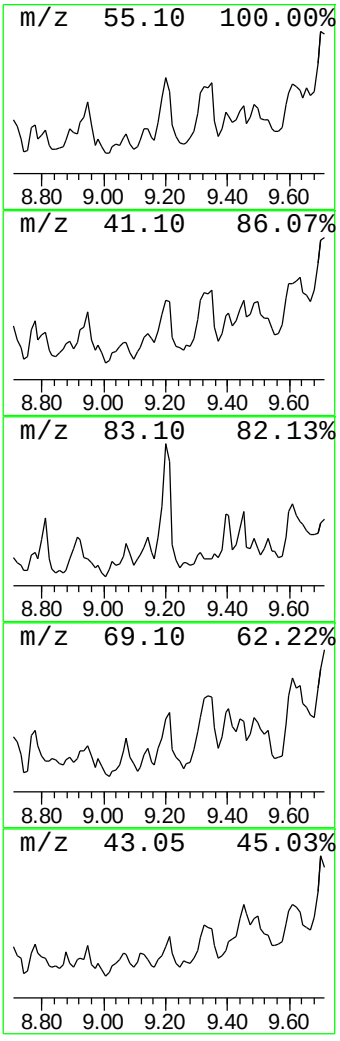
Peak Number 5 unknown9.21 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	7.28 ng	298186	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
3	1-Propenylaziridine	83	C5H9N	1000192-51-0	38
4	1-Hexadecanol	242	C16H34O	036653-82-4	38
5	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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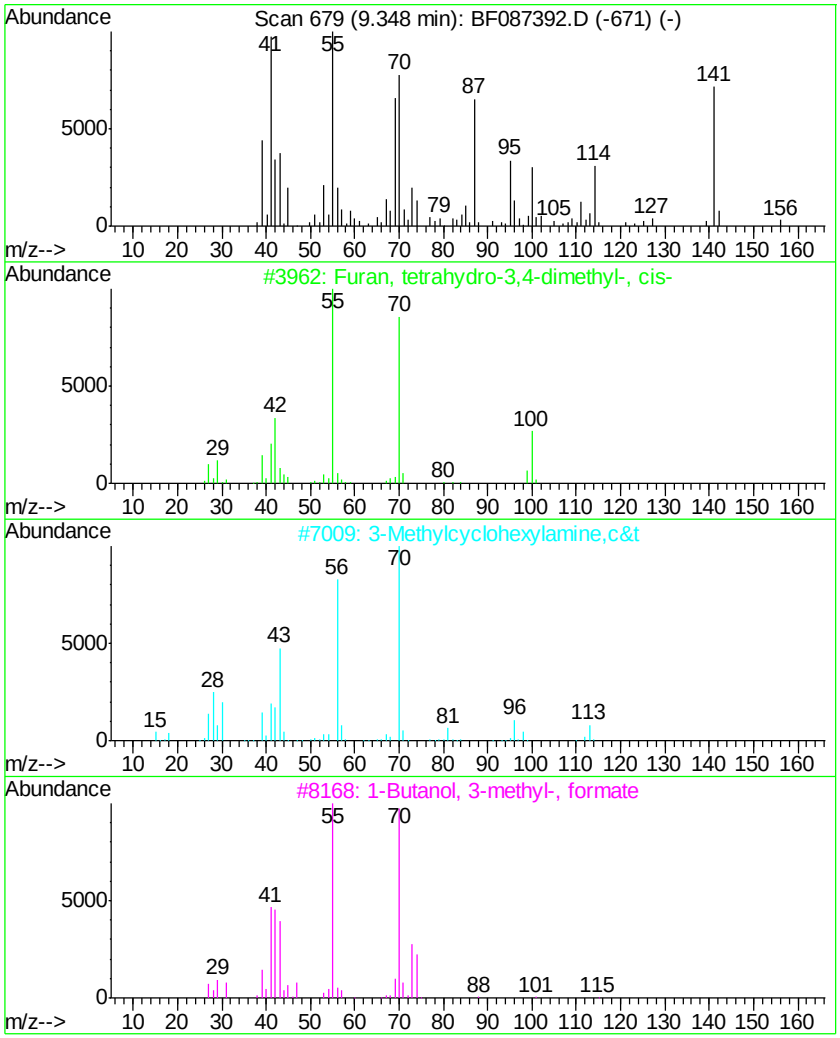
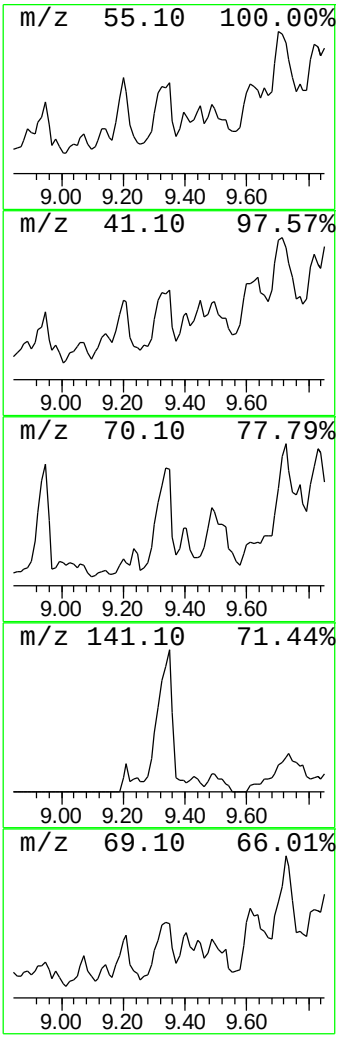
Peak Number 6 unknown9.35 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	13.43 ng	550029	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-3,4-dimethyl-,...	100	C6H12O	027953-97-5	25
2	3-Methylcyclohexylamine,c&t	113	C7H15N	006850-35-7	22
3	1-Butanol, 3-methyl-, formate	116	C6H12O2	000110-45-2	22
4	2-Propen-1-amine, N-ethyl-	85	C5H11N	002424-02-4	18
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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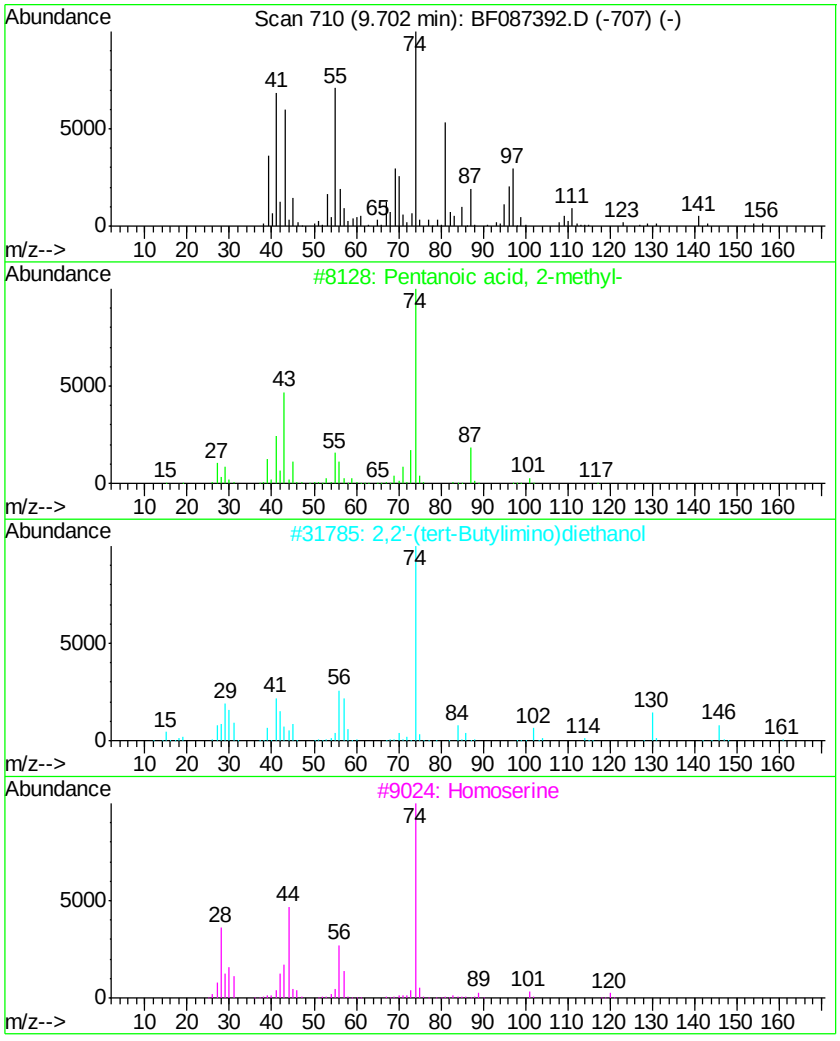
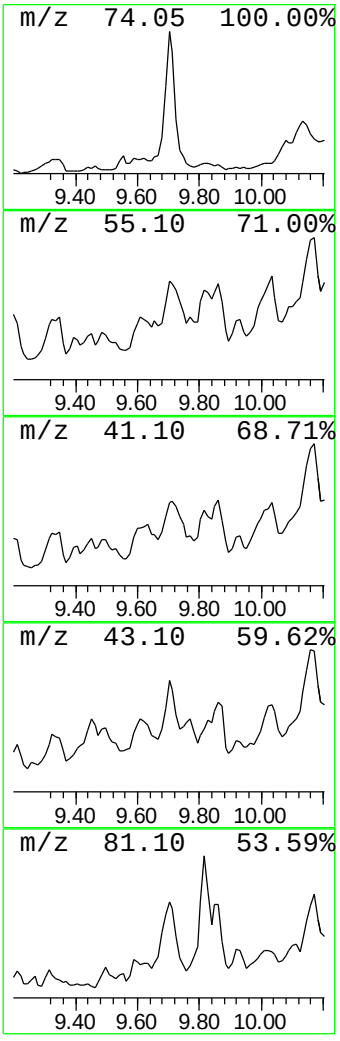
Peak Number 7 unknown9.70 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	11.95 ng	489571	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	38
2	2,2'-(tert-Butylimino)diethanol	161	C8H19NO2	002160-93-2	32
3	Homoserine	119	C4H9NO3	000498-19-1	25
4	.beta.-d-Allopyranoside, methyl ...	192	C8H16O5	014917-72-7	25
5	Allyl mercaptan	74	C3H6S	000870-23-5	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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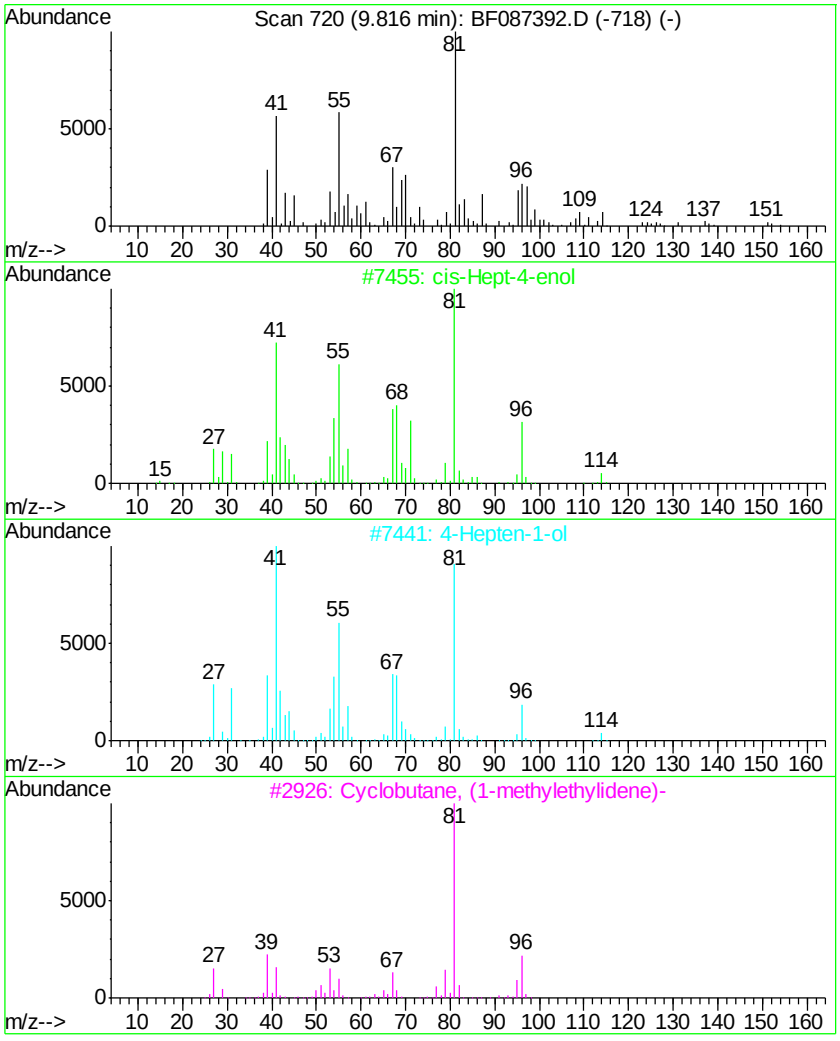
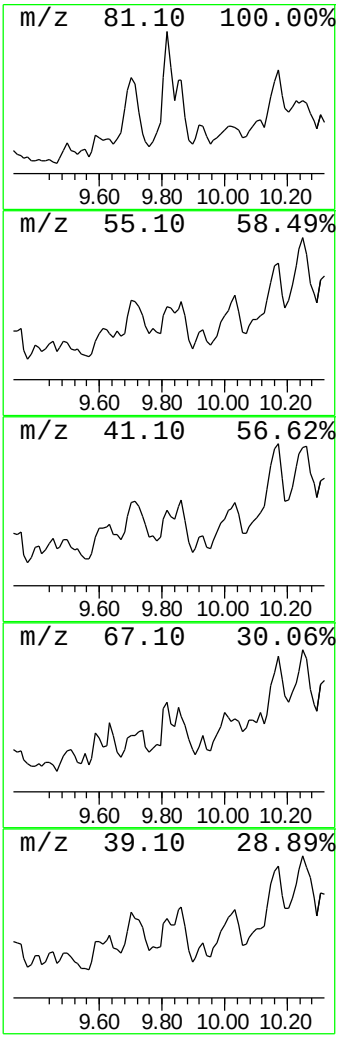
Peak Number 8 cis-Hept-4-enol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	7.17 ng	293757	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Hept-4-enol	114	C7H14O	006191-71-5	53
2	4-Hepten-1-ol	114	C7H14O	020851-55-2	49
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	47
4	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	47
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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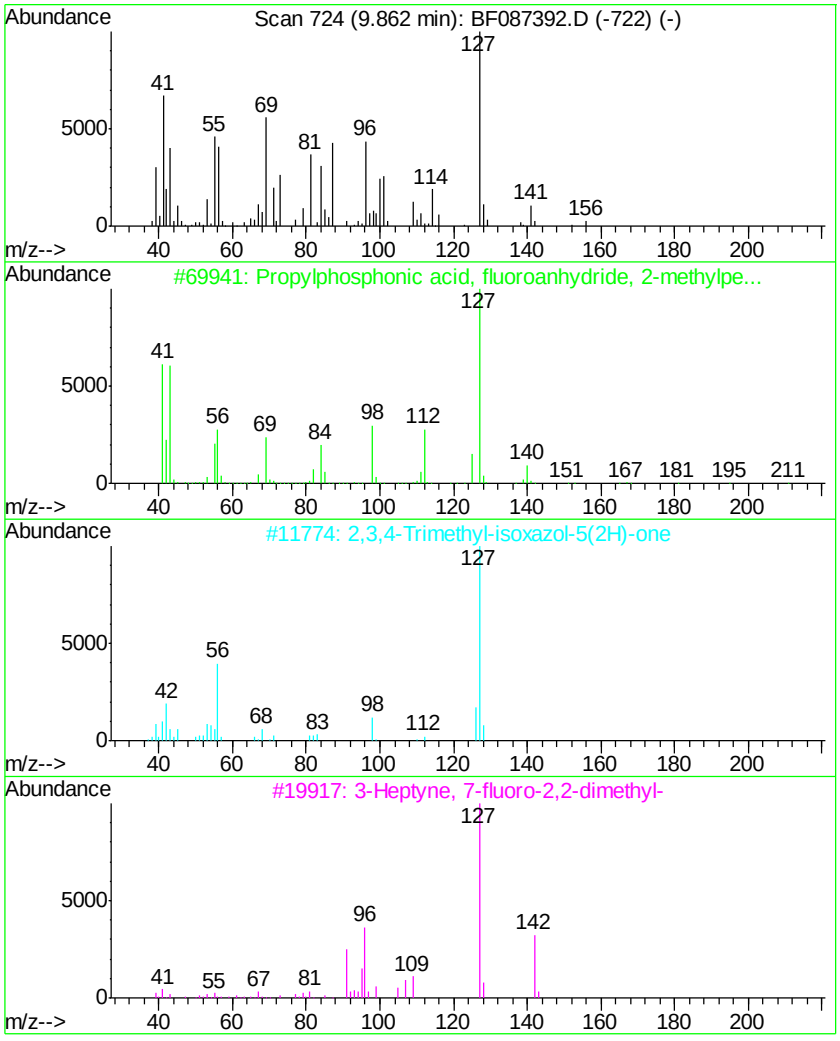
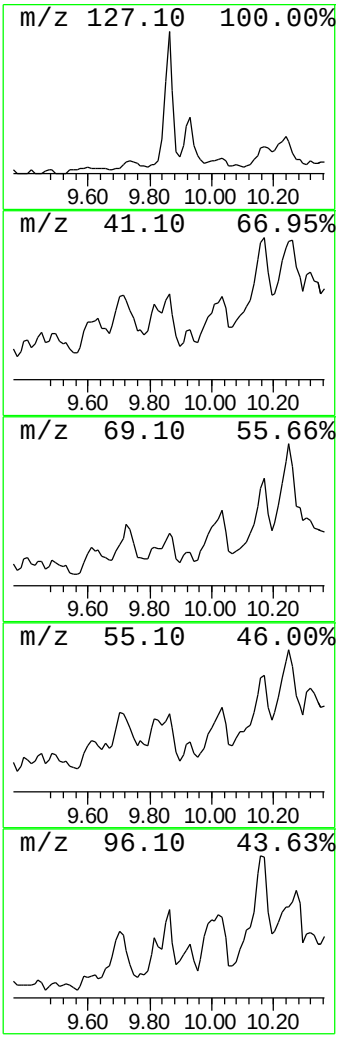
Peak Number 9 unknown9.86 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	9.76 ng	399709	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylphosphonic acid, fluoroanh...	210	C9H20FO2P	333416-27-6	35
2	2,3,4-Trimethyl-isoxazol-5(2H)-one	127	C6H9NO2	007713-68-0	30
3	3-Heptyne, 7-fluoro-2,2-dimethyl-	142	C9H15F	055402-11-4	14
4	2-Hydroxy-4-hydroxylaminopyrimidine	127	C4H5N3O2	020555-88-8	14
5	2-Thiophenecarboxaldehyde, oxime	127	C5H5NOS	029683-84-9	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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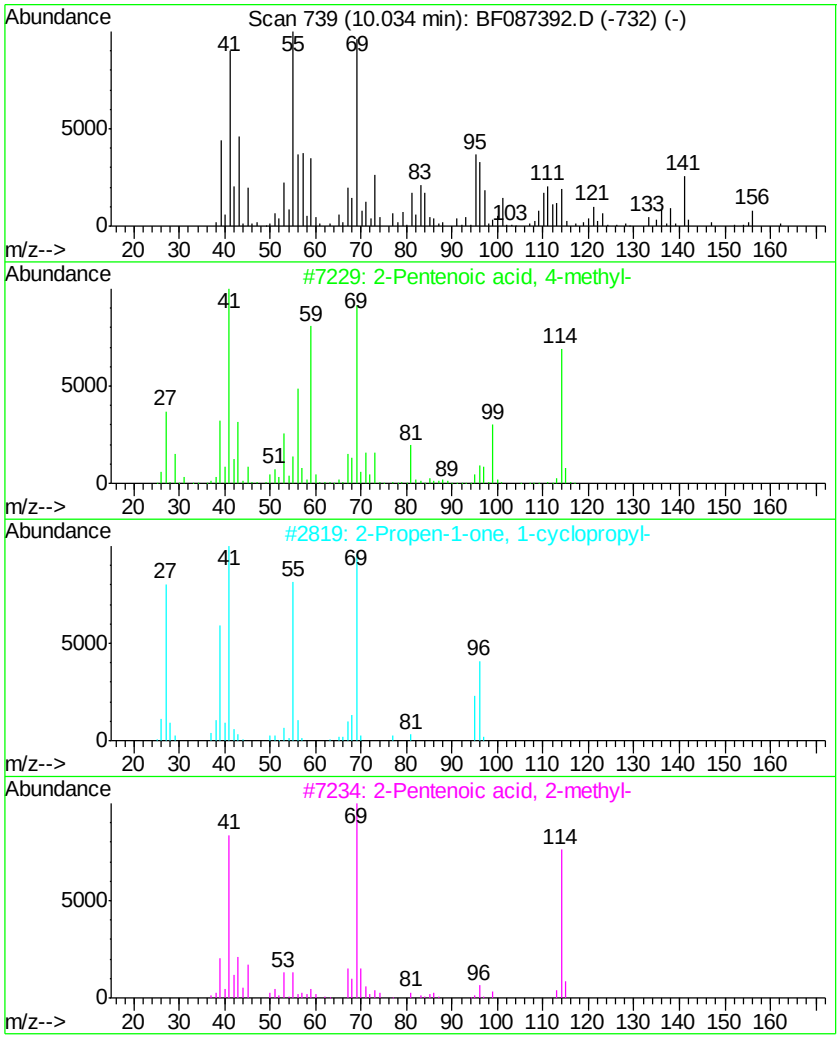
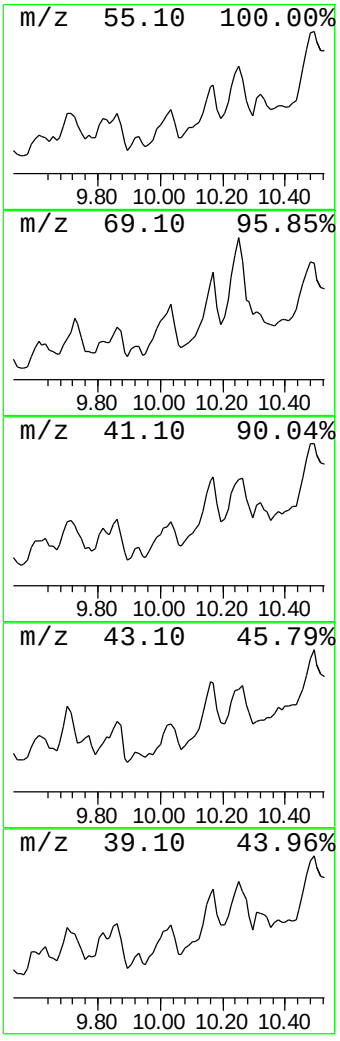
Peak Number 10 unknown10.03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	19.86 ng	813412	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 4-methyl-	114	C6H10O2	010321-71-8	38
2	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	35
3	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	35
4	2,6-Octadienoic acid, 3,7-dimeth...	182	C11H18O2	001189-09-9	27
5	Cyclohexanecarboxylic acid, 1-et...	156	C9H16O2	001124-98-7	27





Library Search Compound Report

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Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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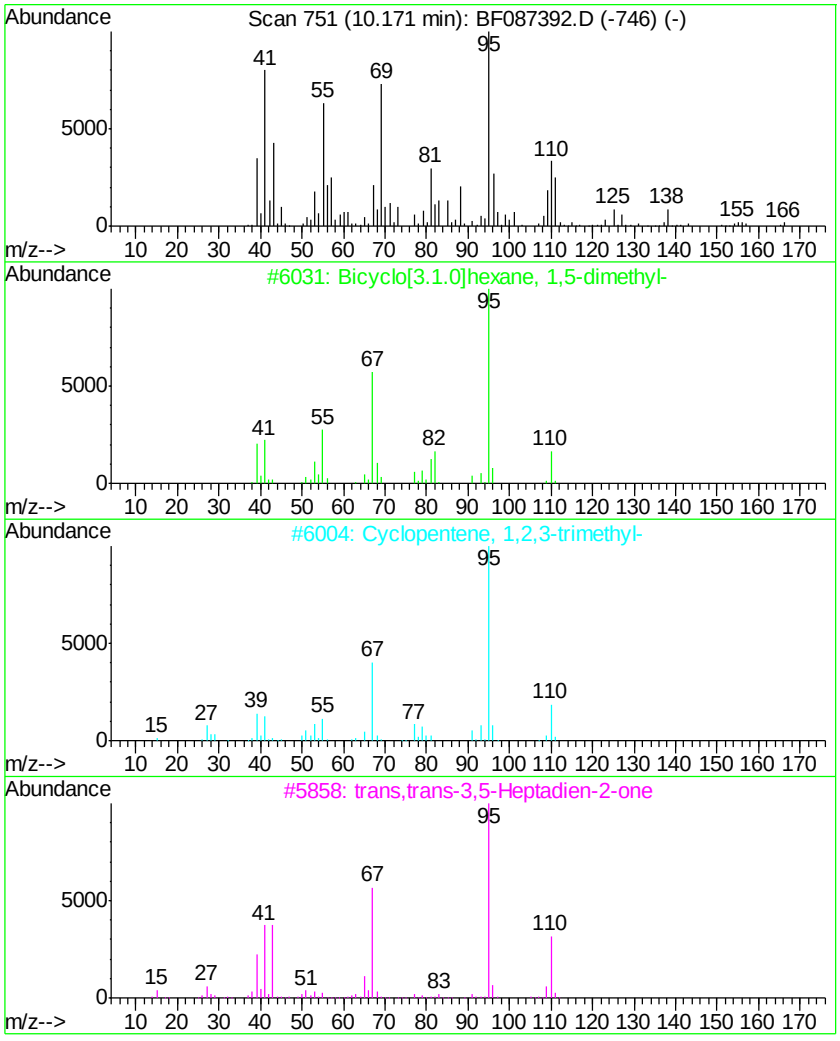
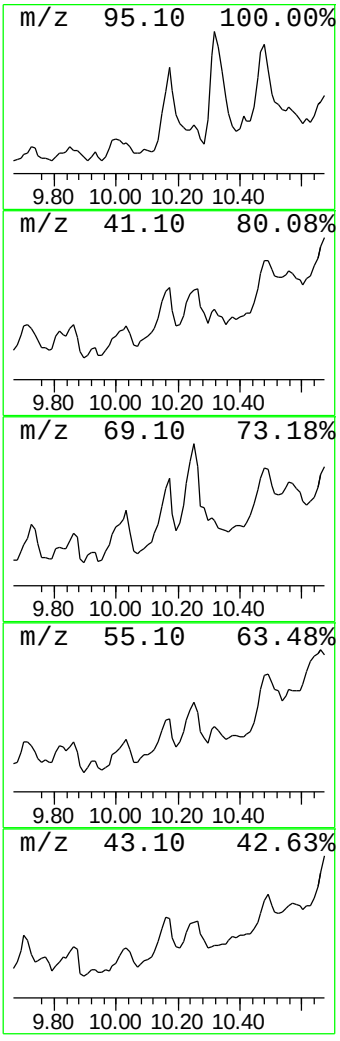
Peak Number 11 unknown10.17 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	19.29 ng	789911	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	35
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	35
3	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	35
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	35
5	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	30





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Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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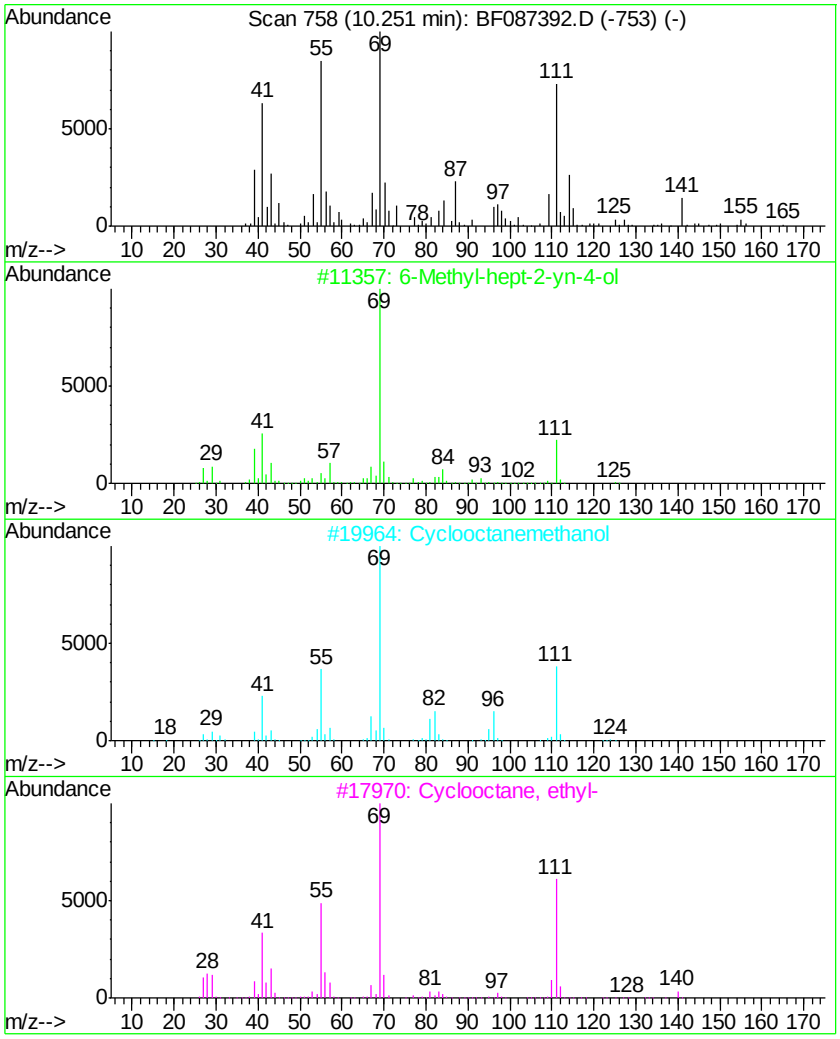
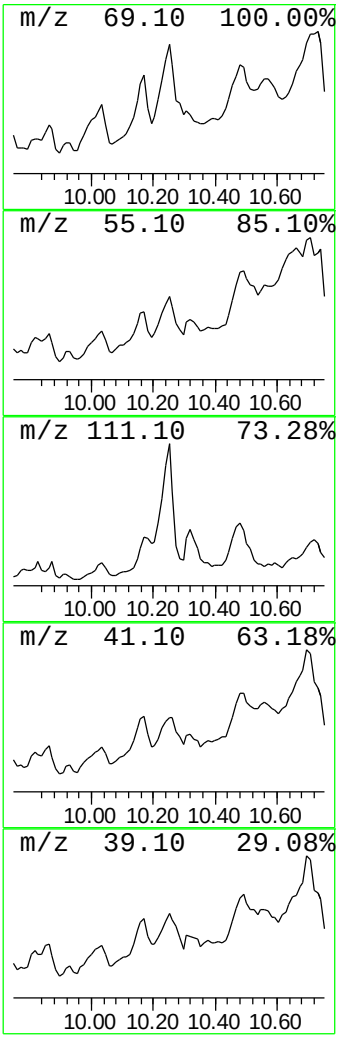
Peak Number 12 6-Methyl-hept-2-yn-4-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	21.88 ng	895960	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	50
2	Cyclooctanemethanol	142	C9H18O	003637-63-6	50
3	Cyclooctane, ethyl-	140	C10H20	013152-02-8	47
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	47
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	47





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Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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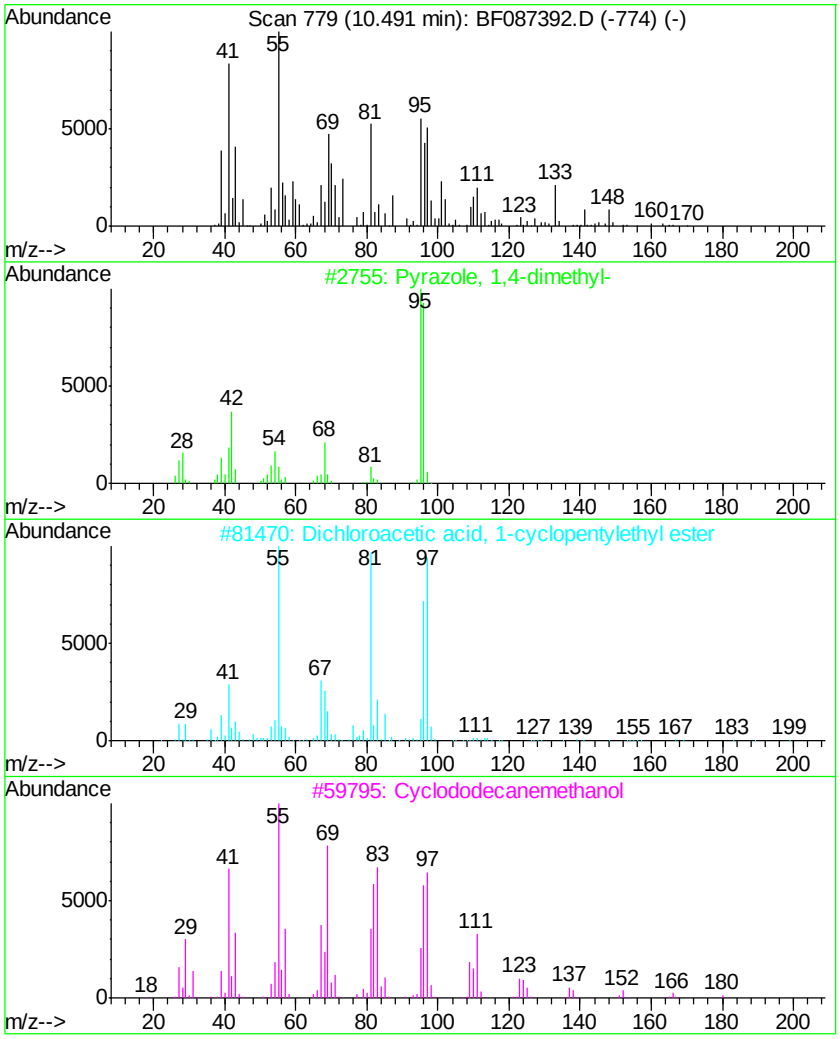
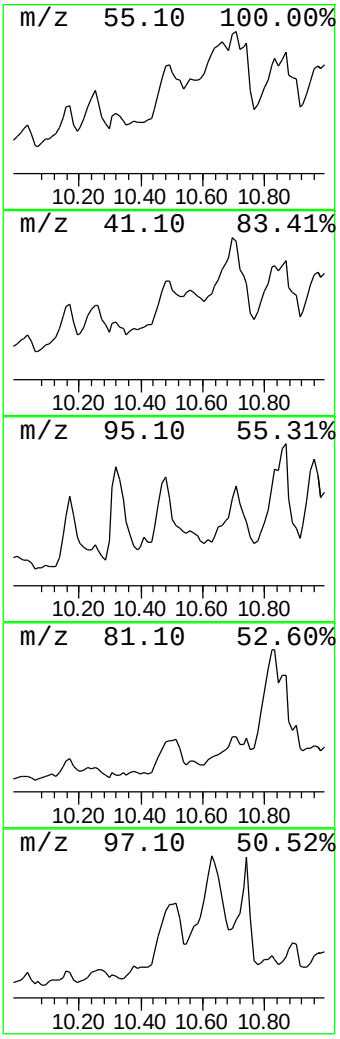
Peak Number 13 unknown10.49 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	40.49 ng	1658080	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazole, 1,4-dimethyl-	96	C5H8N2	001072-68-0	25
2	Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1000282-56-3	22
3	Cyclododecanemethanol	198	C13H26O	001892-12-2	12
4	Carbonic acid, allyl cyclohexylm...	198	C11H18O3	1000357-80-7	12
5	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	11





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Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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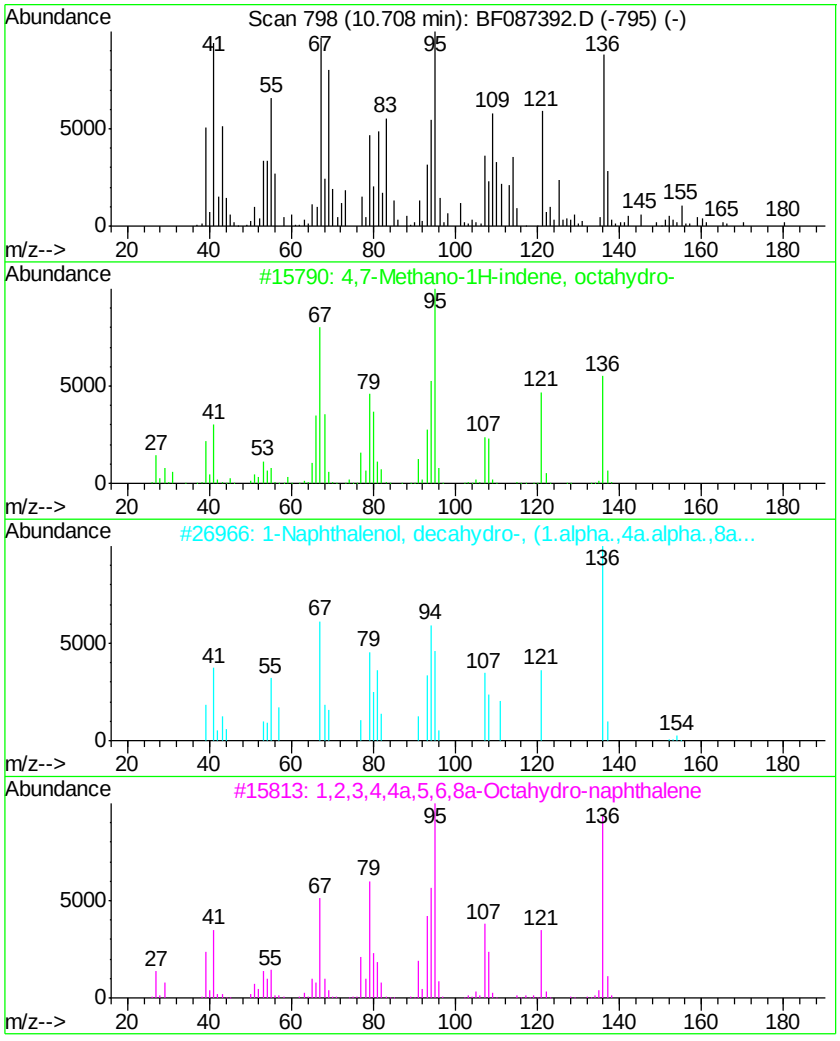
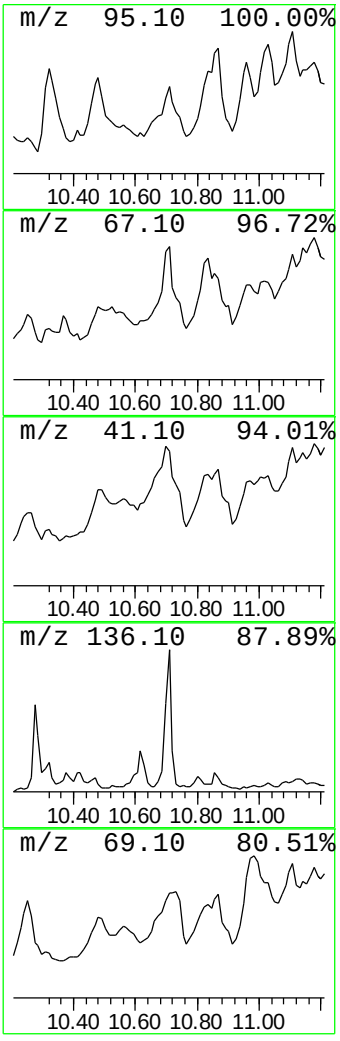
Peak Number 14 4,7-Methano-1H-indene, octa... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	53.18 ng	2177880	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	78
2	1-Naphthalenol, decahydro-, (1.a...	154	C10H18O	014759-74-1	74
3	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	64
4	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	55
5	1.alpha., 4a.beta., 8a.alpha.-De...	154	C10H18O	036159-47-4	43





Library Search Compound Report

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Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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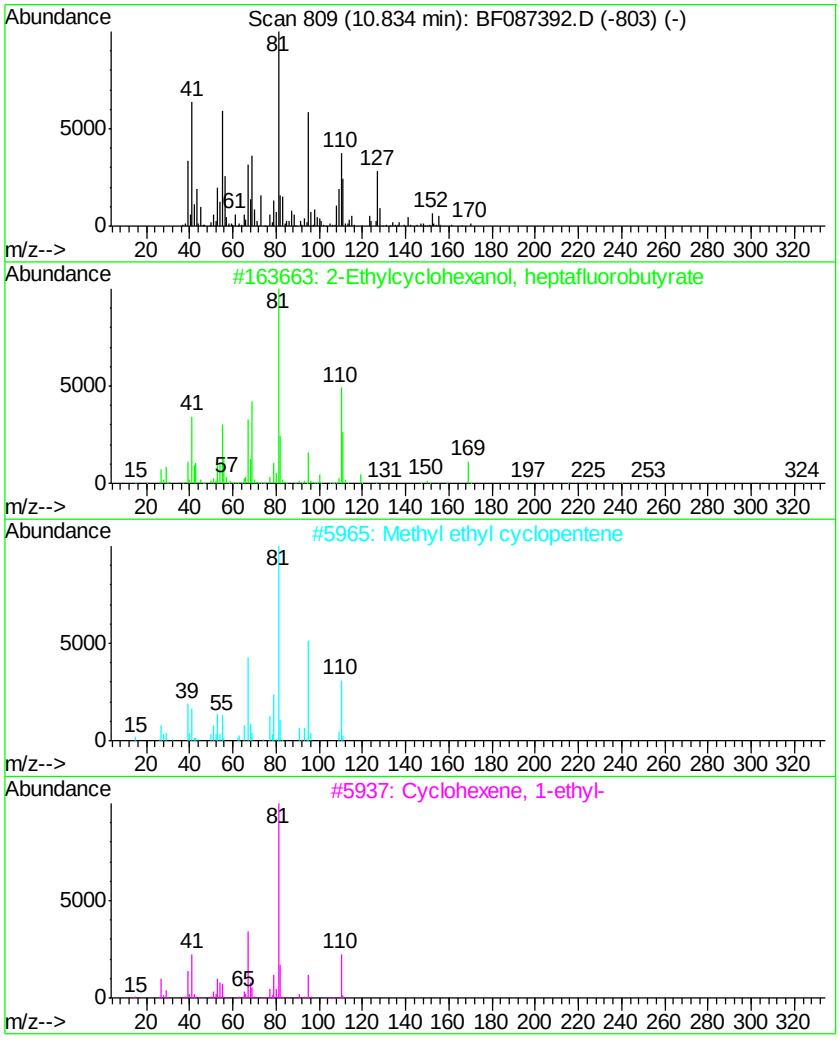
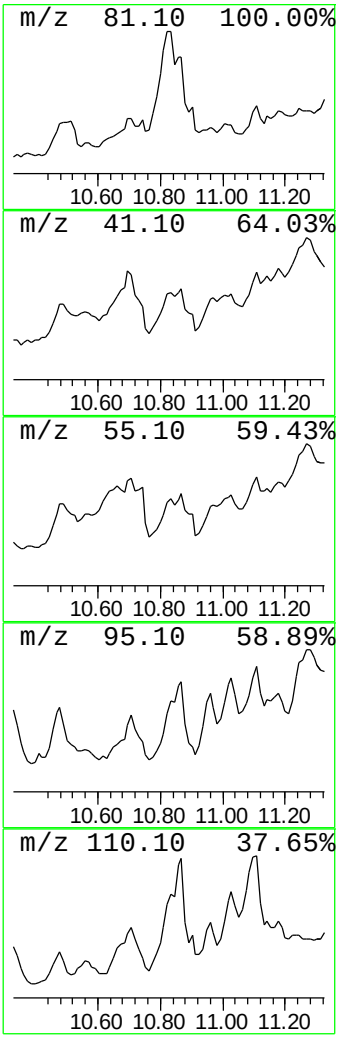
Peak Number 15 unknown10.83 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	40.47 ng	1657450	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylcyclohexanol, heptafluoro...	324	C12H15F7O2	959079-92-6	47
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	46
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43
4	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	38
5	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	30





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Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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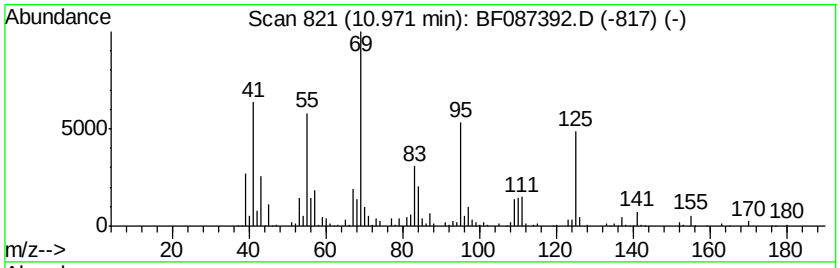
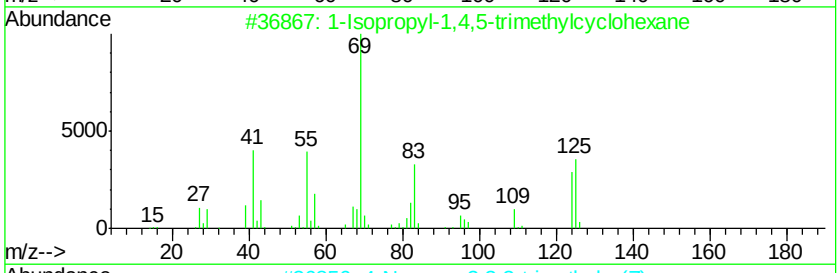
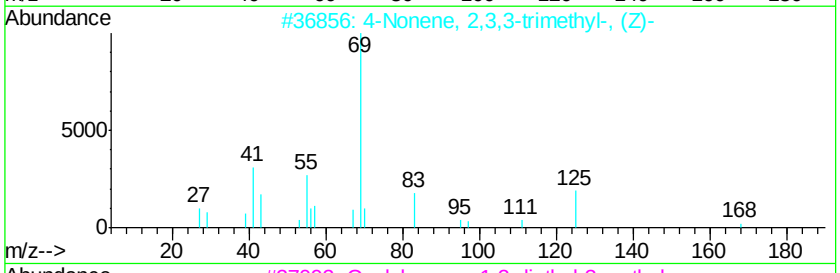
Peak Number 16 1-Isopropyl-1,4,5-trimethyl... Concentration Rank 11

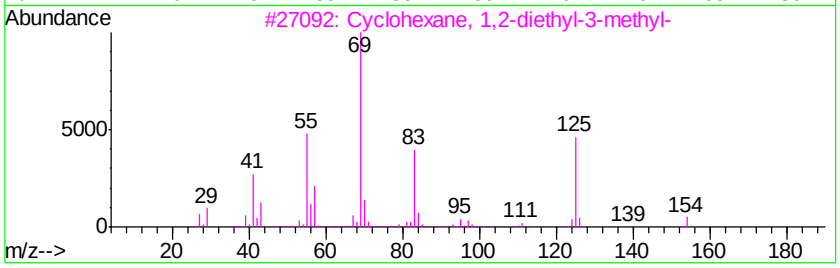
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	20.61 ng	844234	Naphthalene-d8	9.55

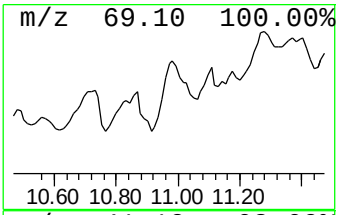
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropyl-1,4,5-trimethylcyclo...	168	C12H24	219783-06-9	50
2	4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	47
3	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	47
4	Methyl 2-hydroxydecanoate	202	C11H22O3	071271-24-4	35
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	35

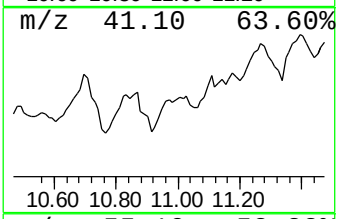


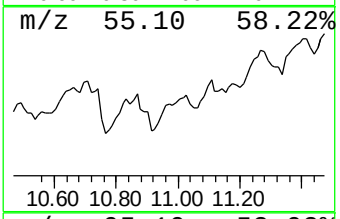


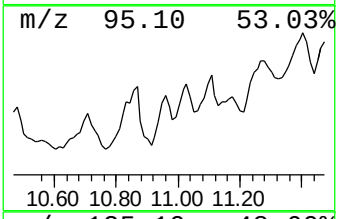


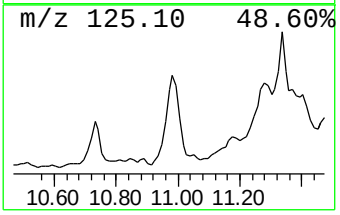












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Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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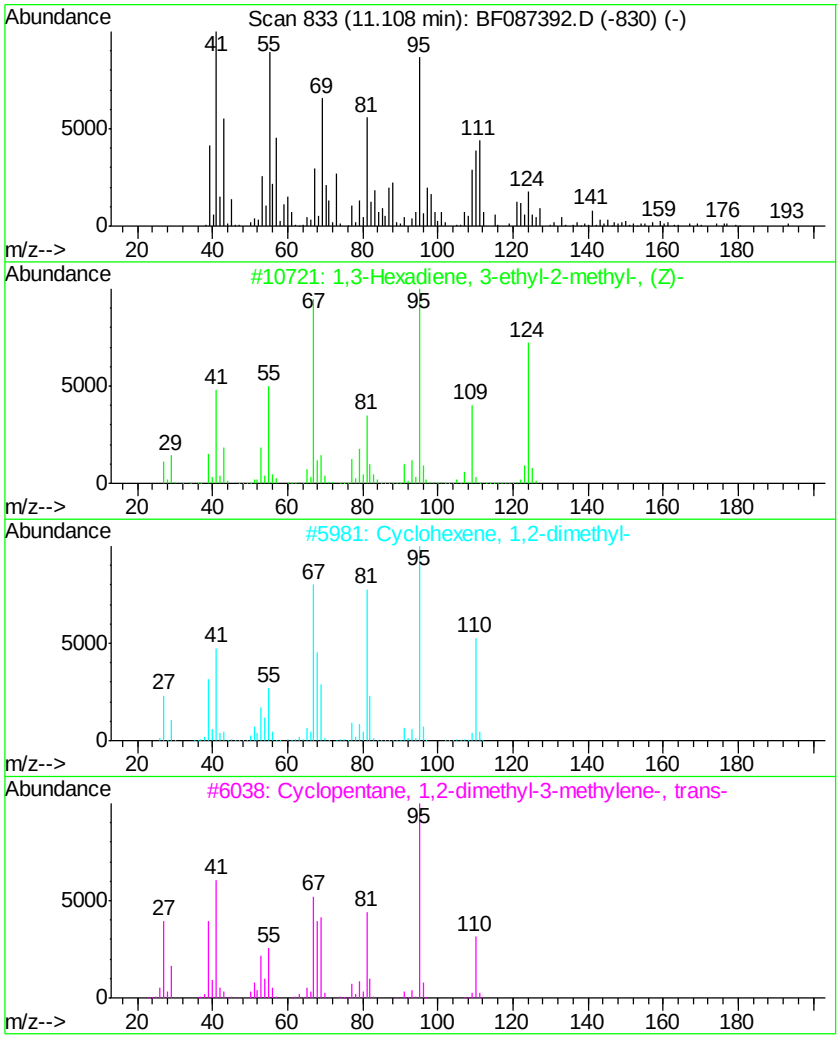
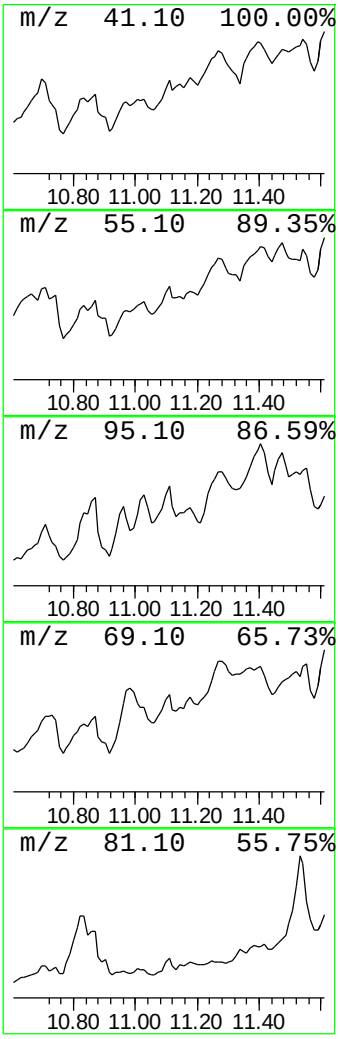
Peak Number 17 unknown11.11 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	13.06 ng	742454	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	38
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	38
4	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	38
5	5,7-Octadien-3-ol, 2,4,4,7-tetra...	182	C12H22O	077142-78-0	38





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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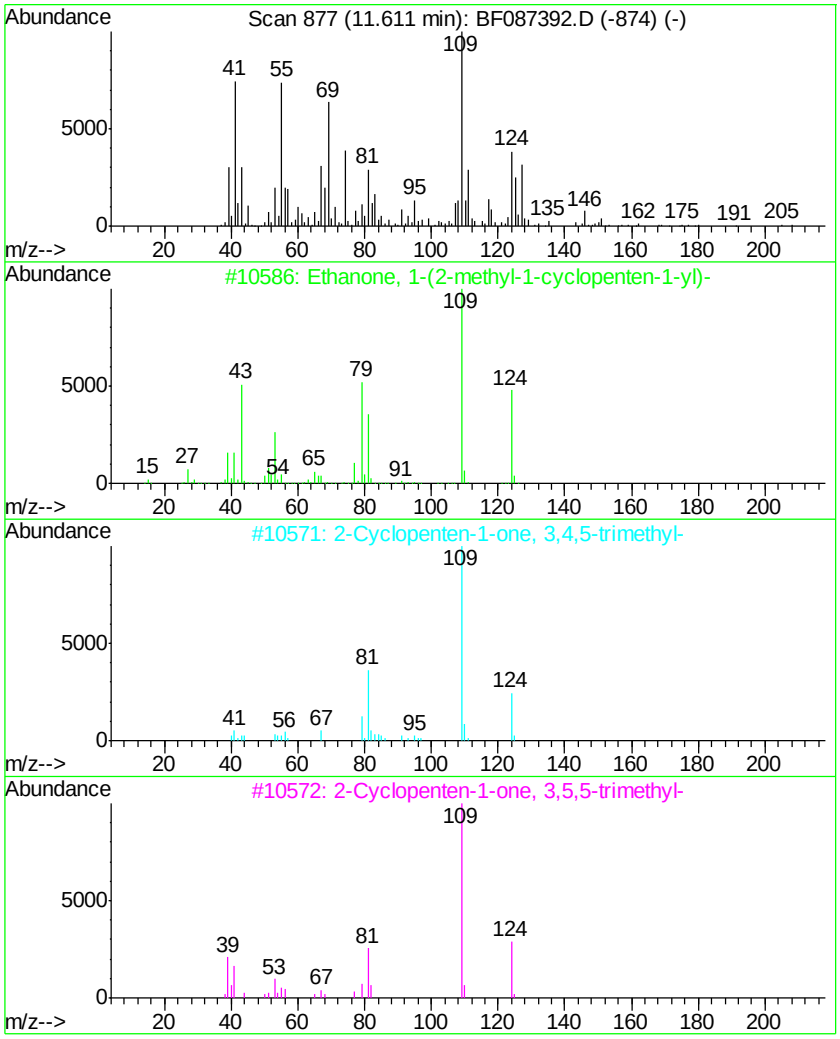
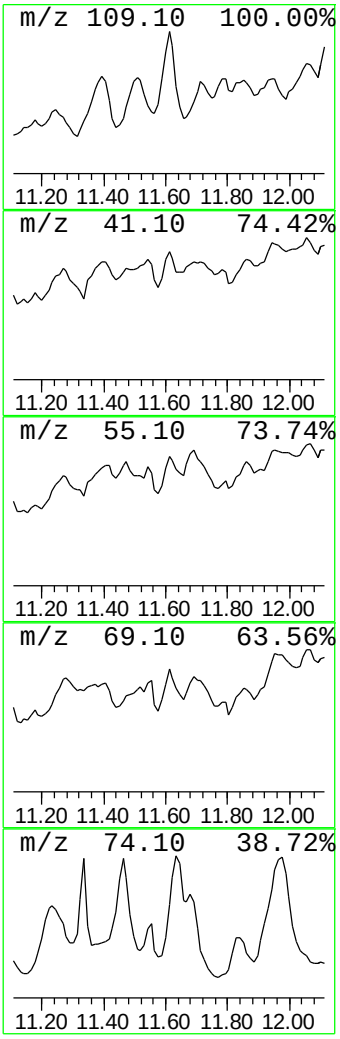
Peak Number 18 unknown11.61 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	31.83 ng	1809440	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	45
2	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	43
3	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	43
4	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	43
5	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	43





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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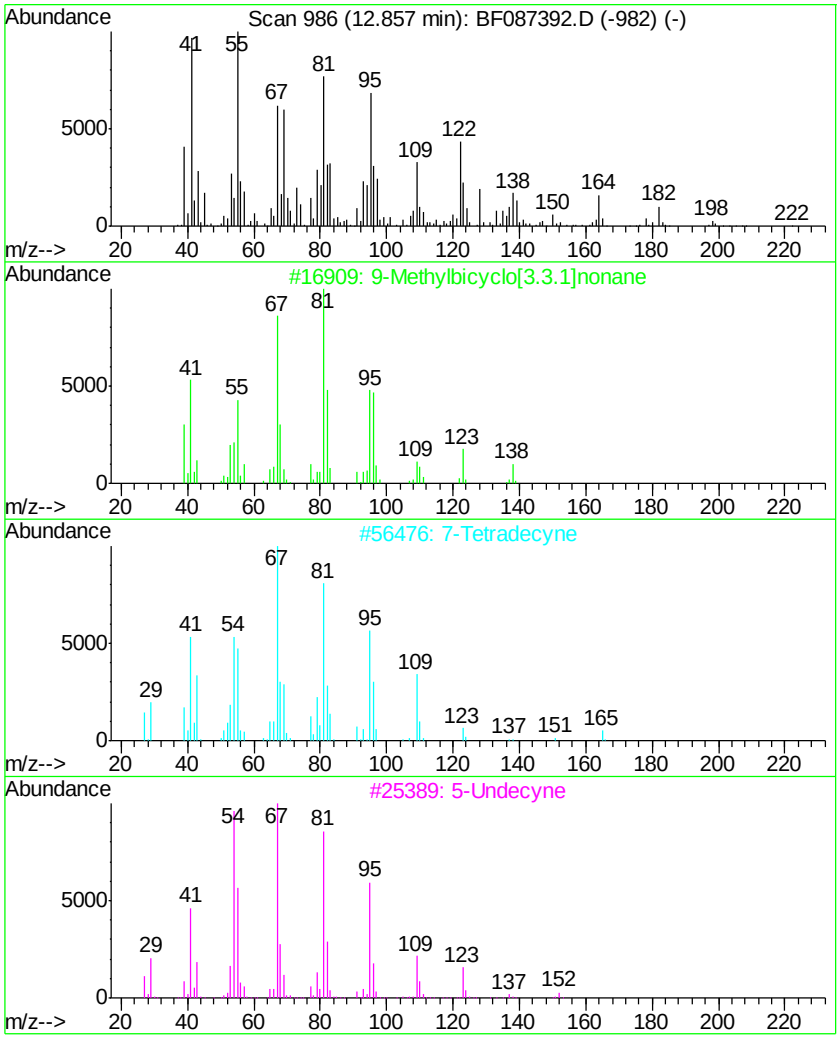
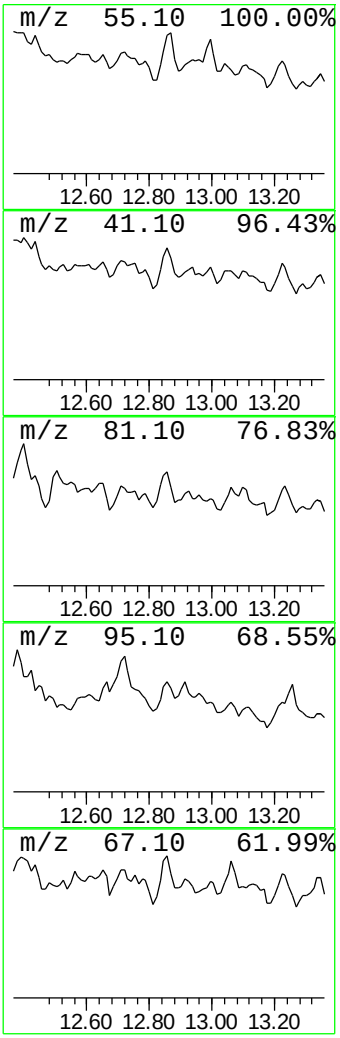
Peak Number 19 unknown12.86 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	43.73 ng	2485950	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	46
2	7-Tetradecyne	194	C14H26	035216-11-6	46
3	5-Undecyne	152	C11H20	002294-72-6	46
4	1,2-Dipropylcyclopropene	124	C9H16	010306-92-0	45
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	45





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Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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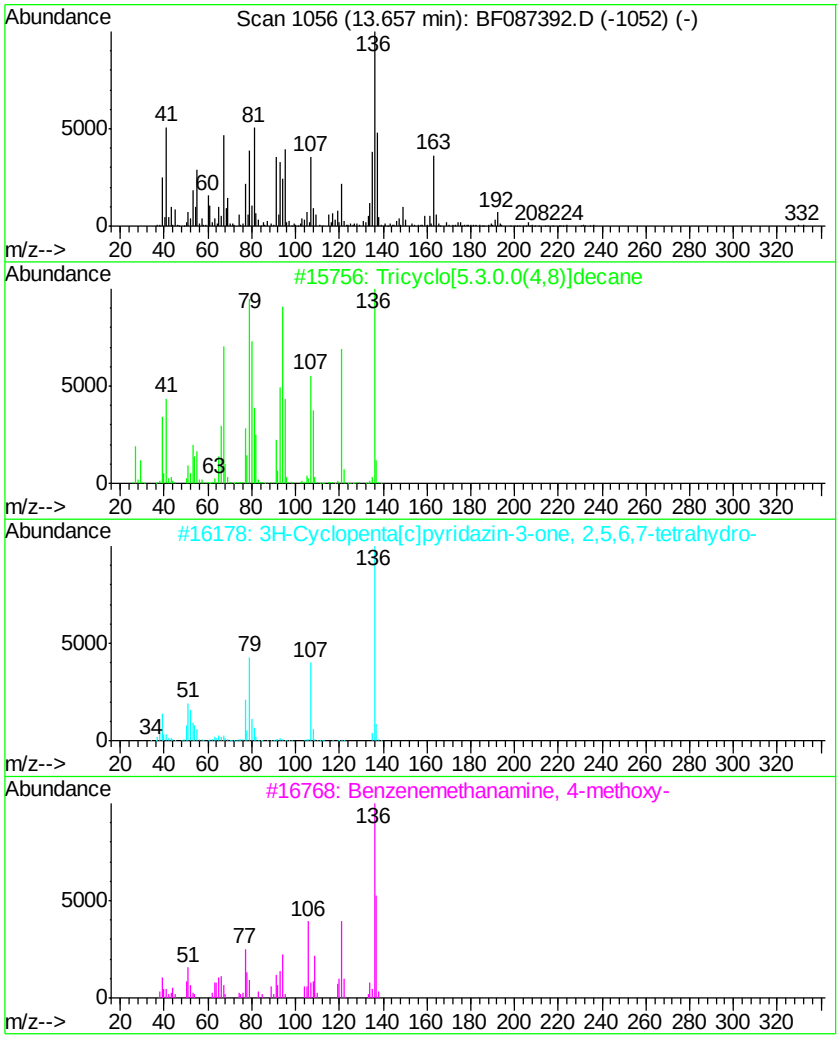
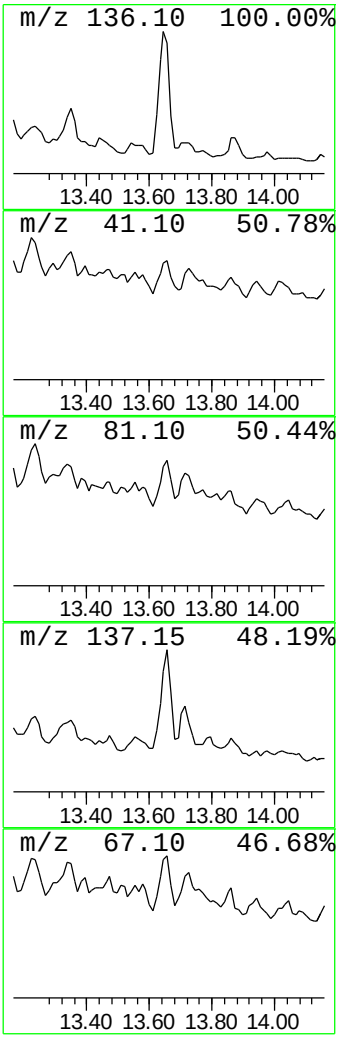
Peak Number 20 unknown13.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	48.88 ng	1899330	Phenanthrene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.3.0.0(4,8)]decane	136	C10H16	019485-20-2	47
2	3H-Cyclopenta[c]pyridazin-3-one,...	136	C7H8N2O	1000338-22-1	41
3	Benzenemethanamine, 4-methoxy-	137	C8H11NO	002393-23-9	38
4	2,5-Cyclohexadiene-1,4-dione, 2,...	136	C8H8O2	000526-86-3	35
5	Pyrrolidine, 1-(1-cyclopenten-1-...	137	C9H15N	007148-07-4	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087392.D
Acq On : 26 May 2016 3:03
Operator : UM/SJ
Sample : H3212-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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
unknown7.19	7.19	82.0	ng	3155940	1	7.52	769340	20.0
unknown8.59	8.59	8.1	ng	331088	2	9.55	819079	20.0
unknown9.21	9.21	7.3	ng	298186	2	9.55	819079	20.0
unknown9.35	9.35	13.4	ng	550029	2	9.55	819079	20.0
unknown9.70	9.70	11.9	ng	489571	2	9.55	819079	20.0
cis-Hept-4-enol	9.82	7.2	ng	293757	2	9.55	819079	20.0
unknown9.86	9.86	9.8	ng	399709	2	9.55	819079	20.0
unknown10.03	10.03	19.9	ng	813412	2	9.55	819079	20.0
unknown10.17	10.17	19.3	ng	789911	2	9.55	819079	20.0
6-Methyl-hept-2-y...	10.25	21.9	ng	895960	2	9.55	819079	20.0
unknown10.49	10.49	40.5	ng	1658080	2	9.55	819079	20.0
4,7-Methano-1H-in...	10.71	53.2	ng	2177880	2	9.55	819079	20.0
unknown10.83	10.83	40.5	ng	1657450	2	9.55	819079	20.0
1-Isopropyl-1,4,5...	10.97	20.6	ng	844234	2	9.55	819079	20.0
unknown11.11	11.11	13.1	ng	742454	3	12.39	1137050	20.0
unknown11.61	11.61	31.8	ng	1809440	3	12.39	1137050	20.0
unknown12.86	12.86	43.7	ng	2485950	3	12.39	1137050	20.0
unknown13.66	13.66	48.9	ng	1899330	4	14.81	777195	20.0