LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091182.D
Acq On : 15 Nov 2016 16:49
Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

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-BF110316.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	1.744	3	5	53	rVB	3237108	10021016	100.00%	10.555%
2	4.761	266	269	281	rBV	520279	724024	7.23%	0.763%
3	5.219	307	309	319	rBV	1958173	2165555	21.61%	2.281%
4	5.779	354	358	361	rBV2	110835	160794	1.60%	0.169%
5	6.087	383	385	388	rBV	115476	177940	1.78%	0.187%
6	6.282	400	402	410	rBV	1239827	1589878	15.87%	1.675%
7	6.407	410	413	415	rBV	3057144	4232112	42.23%	4.458%
8	6.590	425	429	431	rBV2	137776	210436	2.10%	0.222%
9	6.636	431	433	444	rVB	887843	1022284	10.20%	1.077%
10	6.784	444	446	453	rBV	3136641	4326748	43.18%	4.557%
11	6.887	453	455	460	rVB	271588	320010	3.19%	0.337%
12	6.979	460	463	465	rBV2	153621	320701	3.20%	0.338%
13	7.173	476	480	481	rBV	261856	292848	2.92%	0.308%
14	7.207	481	483	487	rVV	3525697	3796451	37.88%	3.999%
15	7.287	488	490	492	rVV2	152725	210448	2.10%	0.222%
16	7.333	492	494	495	rVV	130050	168202	1.68%	0.177%
17	7.413	498	501	505	rVV2	264984	378830	3.78%	0.399%
18	7.539	509	512	513	rBV	87878	138369	1.38%	0.146%
19	7.596	513	517	520	rVB3	357433	579723	5.79%	0.611%
20	7.665	520	523	526	rBV	1684310	1776885	17.73%	1.872%
21	7.756	530	531	533	rVB	267773	341269	3.41%	0.359%
22	7.916	538	545	549	rBV3	1623976	3851072	38.43%	4.056%
23	8.076	558	559	561	rVB	117804	152053	1.52%	0.160%
24	8.122	561	563	565	rBV3	124483	188032	1.88%	0.198%
25	8.202	568	570	573	rVB3	314404	461550	4.61%	0.486%
26	8.305	577	579	582	rVB	355162	485861	4.85%	0.512%
27	8.396	582	587	588	rBV2	600755	965109	9.63%	1.017%
28	8.430	588	590	594	rVV2	419753	646402	6.45%	0.681%
29	8.488	594	595	596	rVV	186077	134584	1.34%	0.142%
30	8.510	596	597	599	rVV2	276961	266750	2.66%	0.281%
31	8.579	599	603	605	rVV3	386756	608420	6.07%	0.641%
32	8.636	605	608	610	rVB2	418223	479478	4.78%	0.505%
33	8.739	613	617	618	rBV	3018577	3779275	37.71%	3.981%
34	8.762	618	619	622	rVB2	177484	262224	2.62%	0.276%

LSC Area Percent Report

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Data File : BF091182.D
Acq On : 15 Nov 2016 16:49
Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.830	622	625	627	rBV2	154289	298707	2.98%	0.315%
36	8.956	633	636	637	rBV	220368	252770	2.52%	0.266%
37	9.002	637	640	643	rVB	4984367	5120656	51.10%	5.394%
38	9.150	650	653	654	rVB2	161829	245930	2.45%	0.259%
39	9.196	654	657	660	rBV	1026843	1597870	15.95%	1.683%
40	9.265	660	663	665	rVV	2117007	2975367	29.69%	3.134%
41	9.333	665	669	671	rVV	2784921	3948298	39.40%	4.159%
42	9.402	674	675	677	rVV2	327450	328644	3.28%	0.346%
43	9.448	677	679	684	rVB	1317955	2158339	21.54%	2.273%
44	9.528	684	686	689	rBV	841590	1105987	11.04%	1.165%
45	9.665	695	698	700	rBV	1280778	1904982	19.01%	2.007%
46	9.699	700	701	706	rVV3	505867	956397	9.54%	1.007%
47	9.779	706	708	710	rVV	642013	931116	9.29%	0.981%
48	9.825	710	712	713	rVV	283256	358499	3.58%	0.378%
49	9.882	713	717	718	rVV2	751394	1281625	12.79%	1.350%
50	9.916	718	720	721	rVV	856350	827910	8.26%	0.872%
51	9.939	721	722	724	rVV2	173891	221636	2.21%	0.233%
52	9.985	724	726	728	rVV	647972	928728	9.27%	0.978%
53	10.019	728	729	732	rVV	548278	518174	5.17%	0.546%
54	10.076	732	734	740	rVV2	514075	1228868	12.26%	1.294%
55	10.168	740	742	744	rVV2	211188	257381	2.57%	0.271%
56	10.213	744	746	749	rVV	871186	1032717	10.31%	1.088%
57	10.282	749	752	755	rVV	835352	1275549	12.73%	1.344%
58	10.328	755	756	759	rVV2	271873	482231	4.81%	0.508%
59	10.373	759	760	763	rVV2	194992	257575	2.57%	0.271%
60	10.465	765	768	770	rVV	3464944	3920872	39.13%	4.130%
61	10.499	770	771	774	rVV2	155984	220542	2.20%	0.232%
62	10.602	777	780	782	rVB2	523409	730738	7.29%	0.770%
63	10.659	782	785	786	rBV2	114430	133858	1.34%	0.141%
64	10.762	791	794	795	rBV	181877	262253	2.62%	0.276%
65	10.796	795	797	800	rVB2	355444	596670	5.95%	0.628%
66	10.911	805	807	809	rVB3	129164	197703	1.97%	0.208%
67	11.059	816	820	823	rVB2	382222	756648	7.55%	0.797%
68	11.151	825	828	829	rBV	1742300	1633022	16.30%	1.720%
69	11.265	836	838	845	rVB	95782	186450	1.86%	0.196%
70	11.459	853	855	858	rBV3	101943	188234	1.88%	0.198%
71	11.516	858	860	862	rVB2	125578	152883	1.53%	0.161%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.562	862	864	867	rVB2	84270	103386	1.03%	0.109%
73	11.654	870	872	873	rBV	139807	150465	1.50%	0.158%
74	11.756	879	881	882	rBV	117185	123659	1.23%	0.130%
75	12.202	917	920	926	rVB2	66055	139150	1.39%	0.147%
76	12.739	964	967	969	rBV	5761610	6516222	65.03%	6.864%
77	13.642	1044	1046	1055	rVB	156847	249178	2.49%	0.262%
78	13.779	1055	1058	1060	rBV	1542418	1710371	17.07%	1.802%
79	15.140	1175	1177	1180	rBV	916750	1235432	12.33%	1.301%

Sum of corrected areas: 94939025

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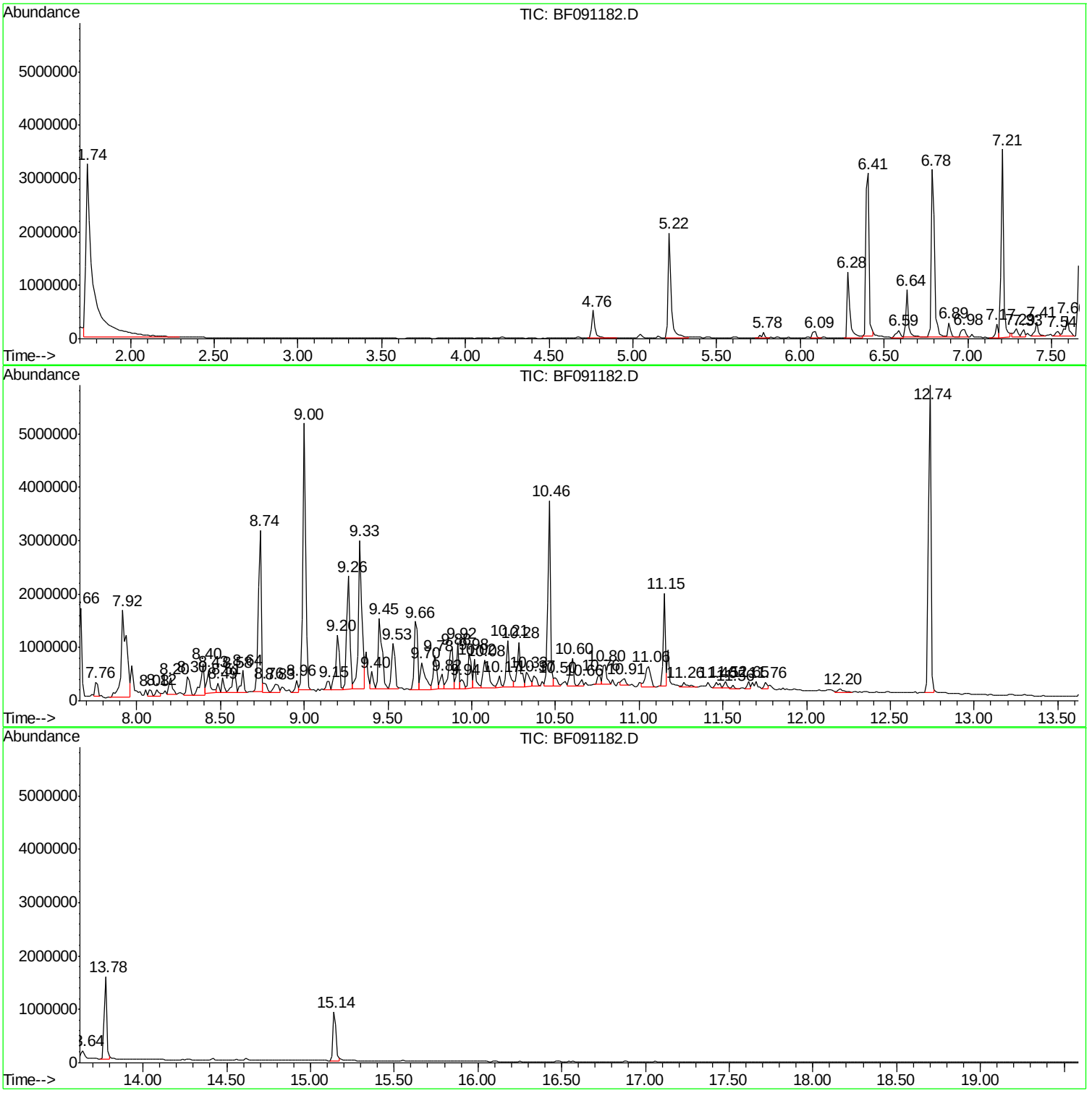
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091182.D
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Sample : H5636-09
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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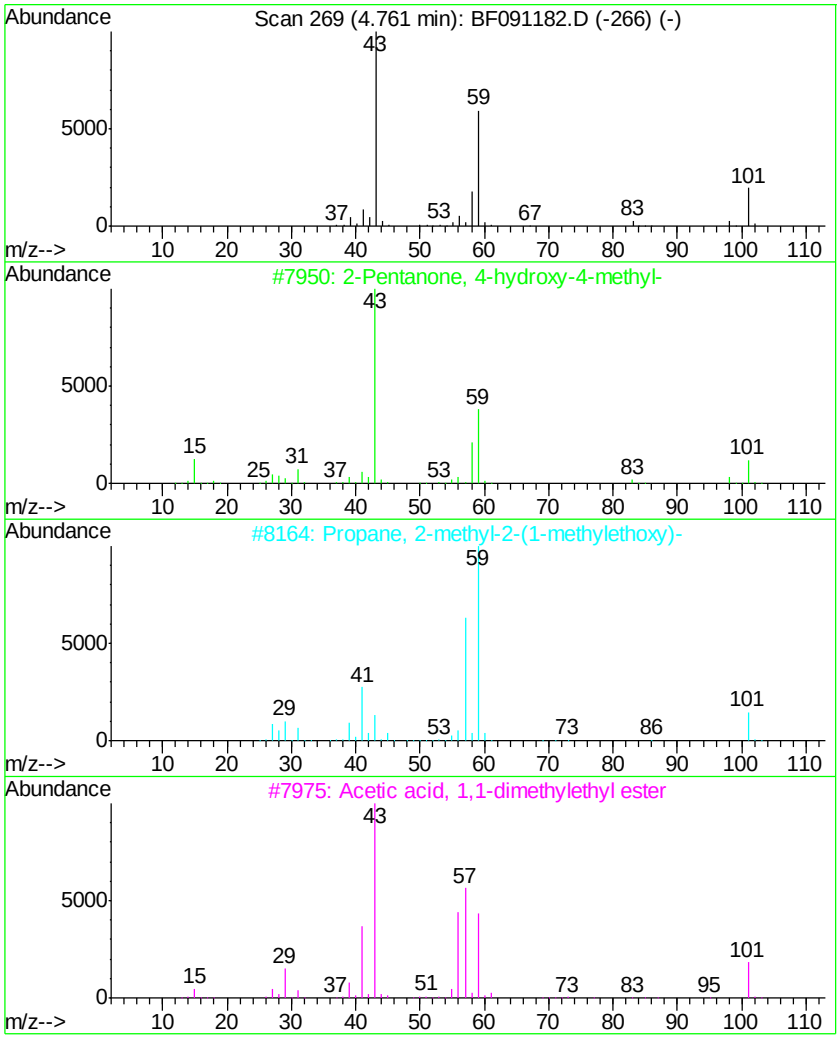
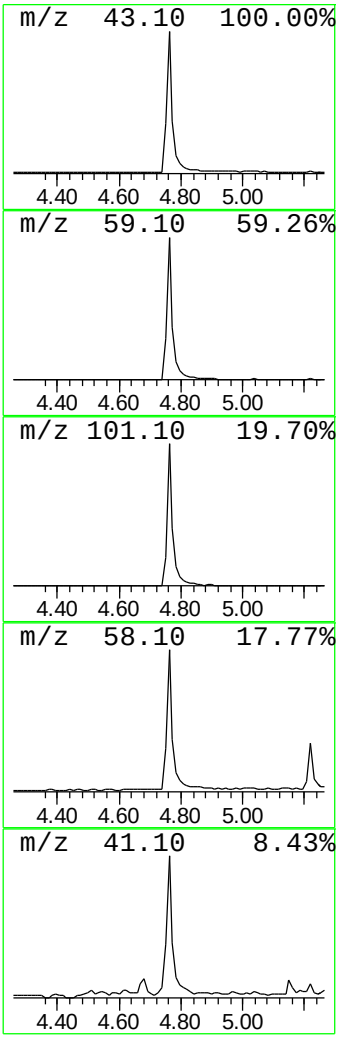
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	14.16 ng	724024	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091182.D
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Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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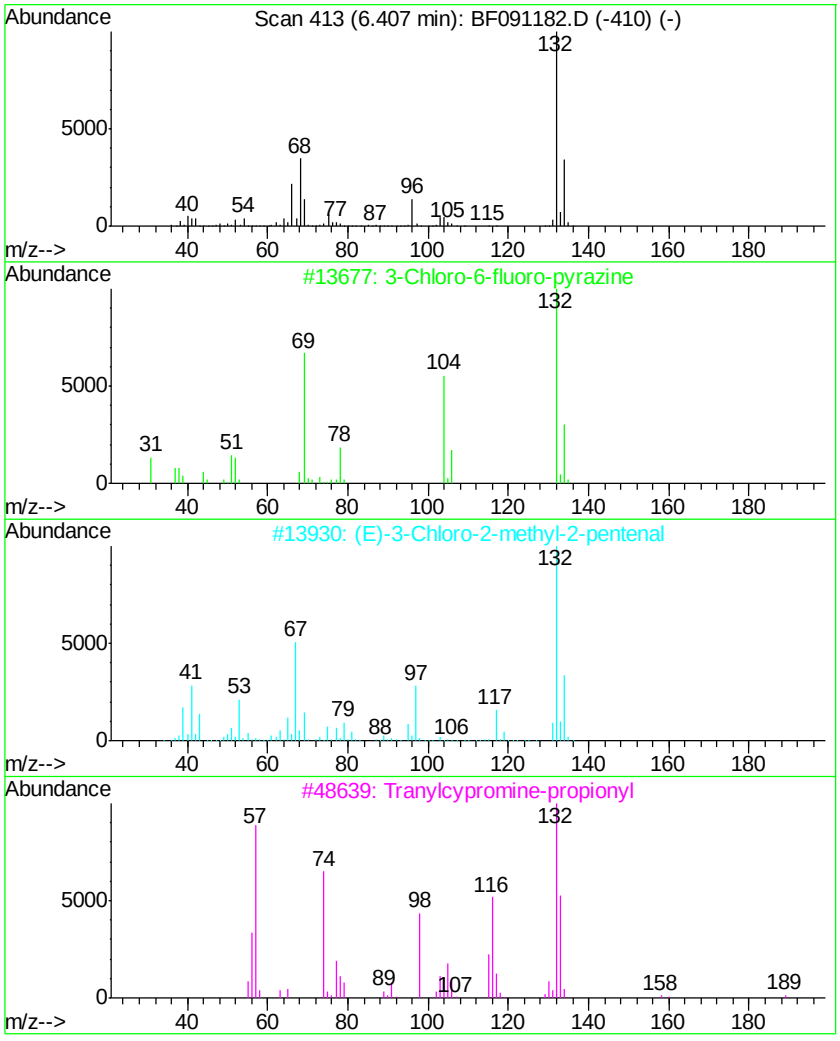
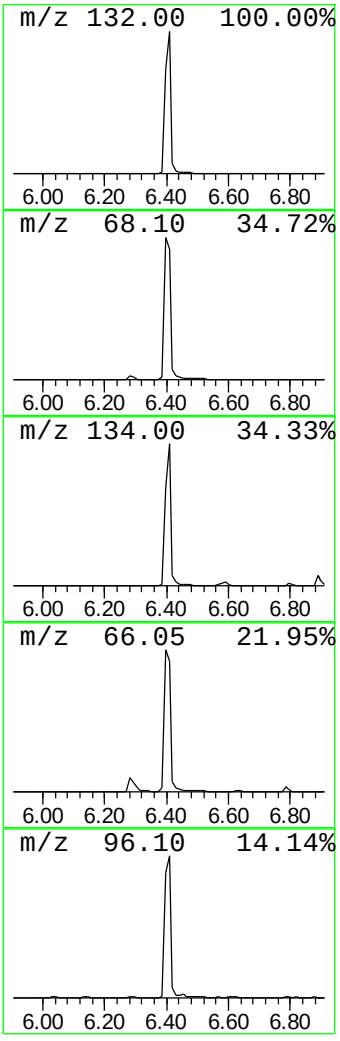
****

Peak Number 3 unknown6.41 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	82.80 ng	4232110	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091182.D
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Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

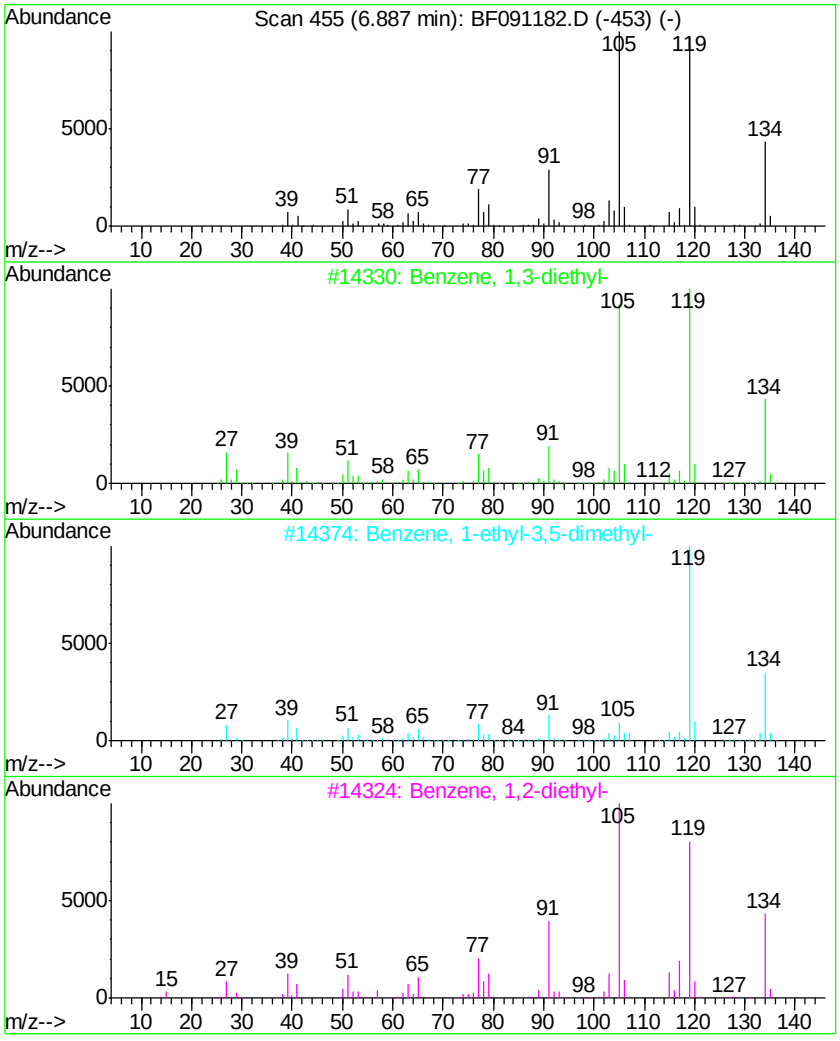
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

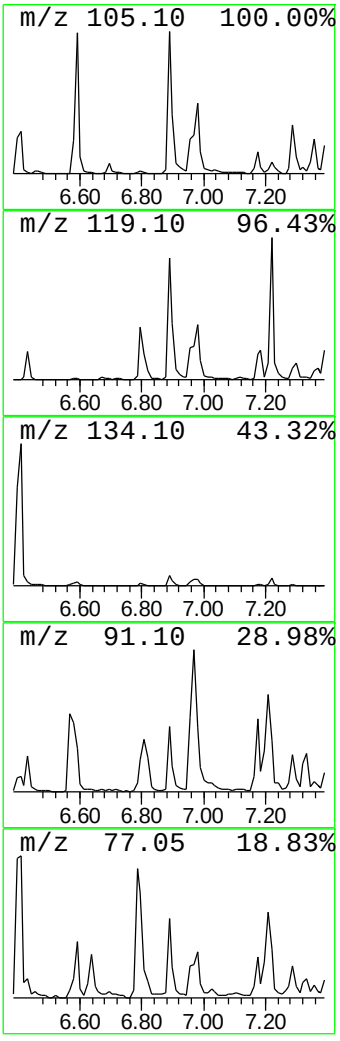
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	6.26 ng	320010	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





Library Search Compound Report

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Operator : UM/SJ
Sample : H5636-09
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Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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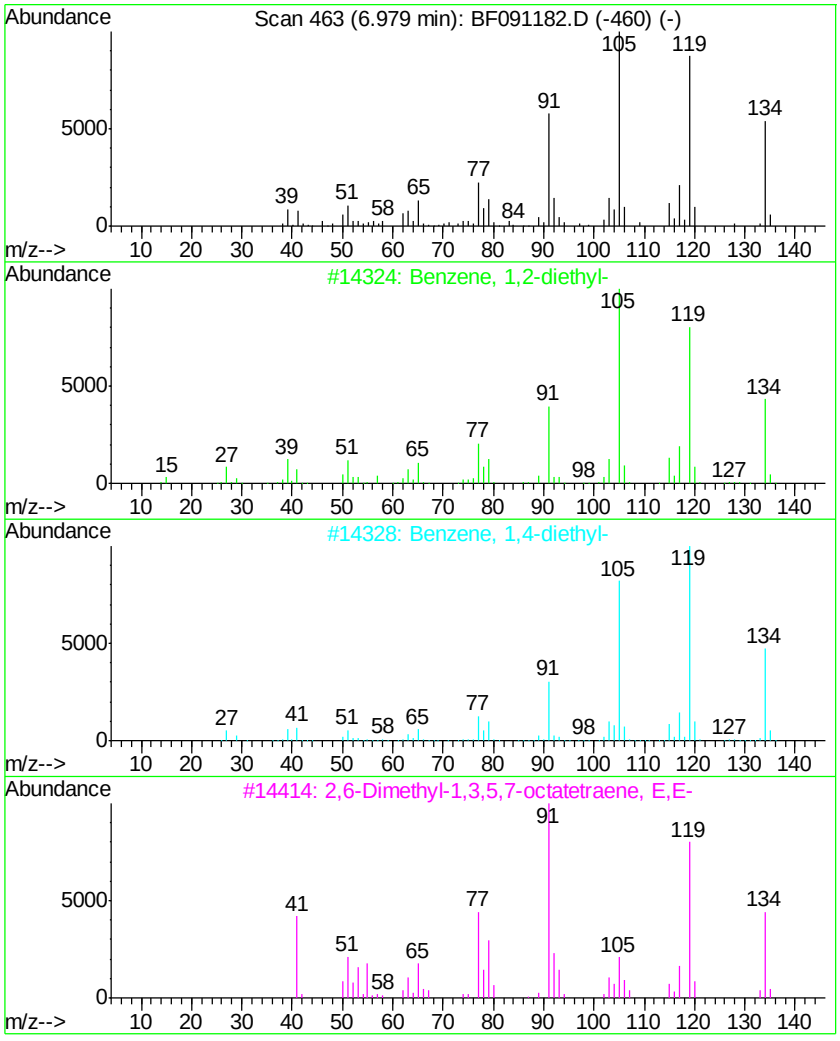
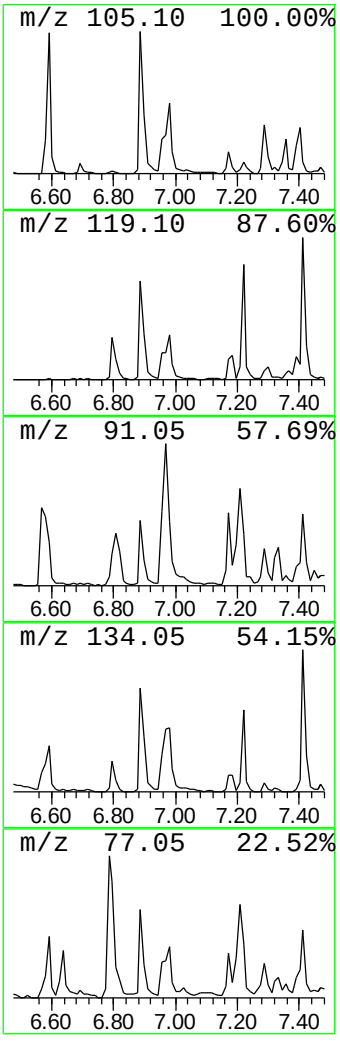
Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	6.27 ng	320701	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	83
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	81





Library Search Compound Report

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Acq On : 15 Nov 2016 16:49
Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

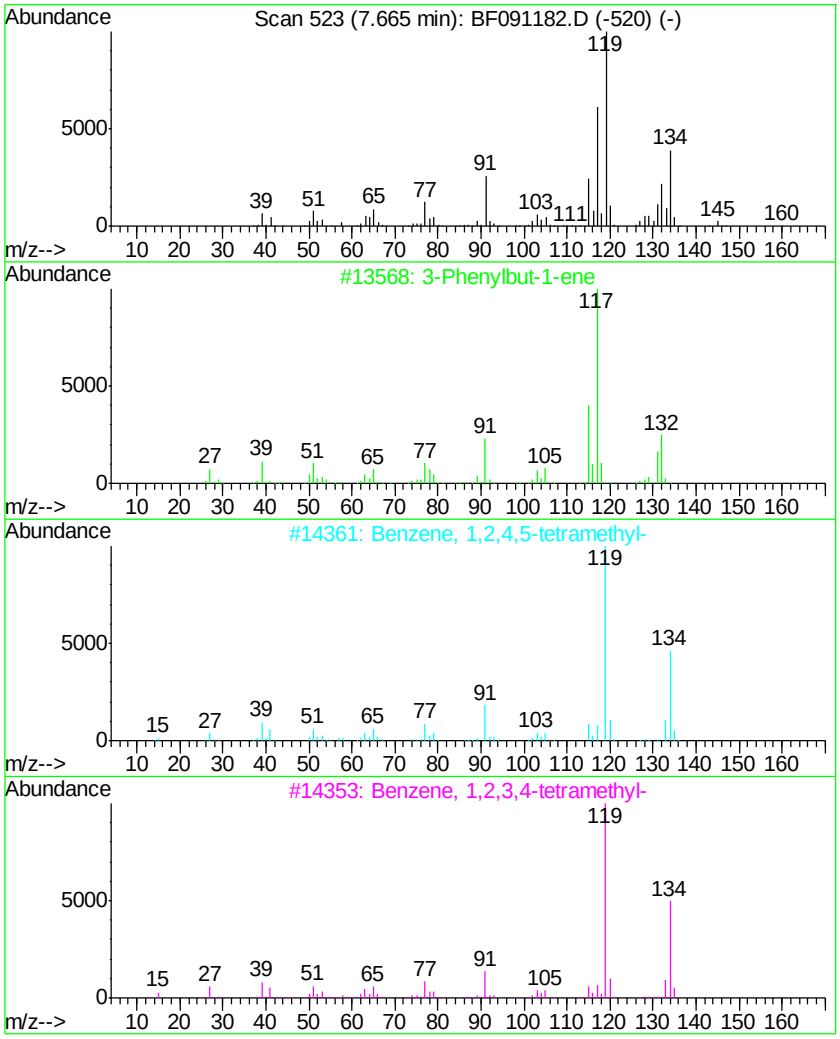
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

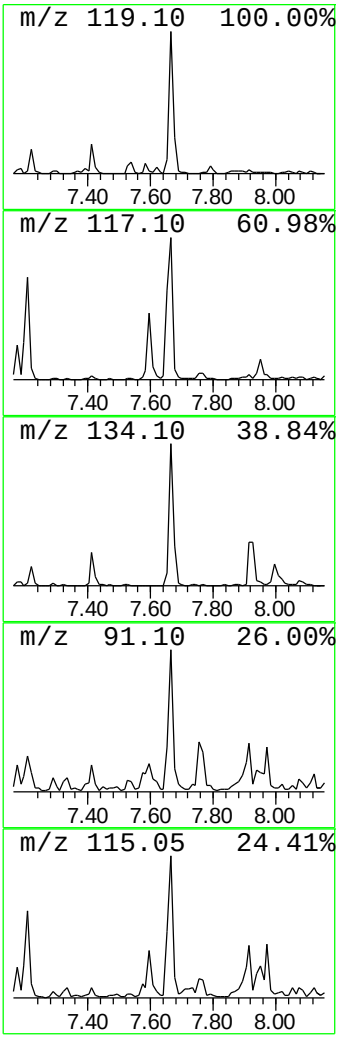
****

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	9.23 ng	1776890	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091182.D
Acq On : 15 Nov 2016 16:49
Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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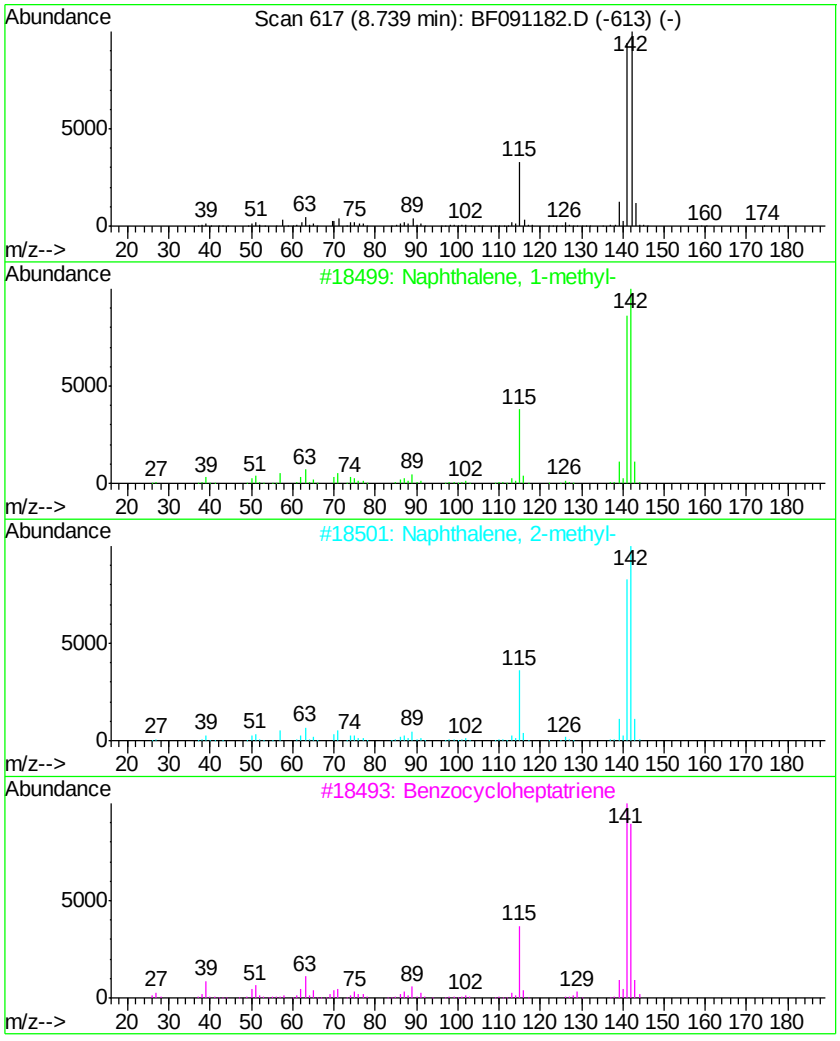
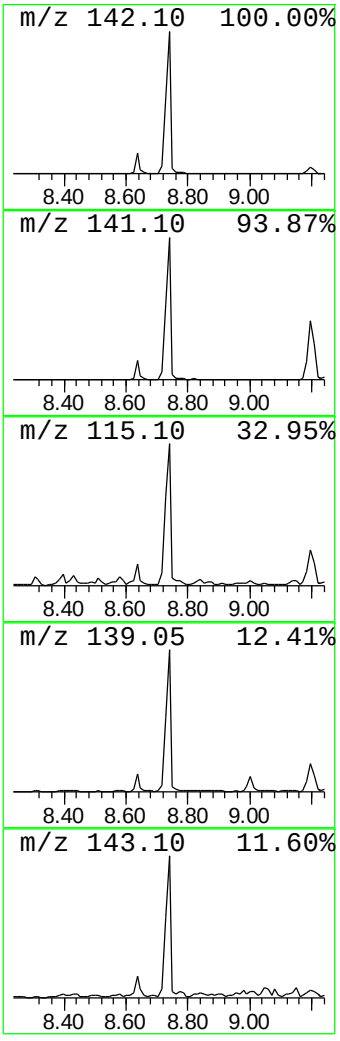
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	19.63 ng	3779280	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091182.D
Acq On : 15 Nov 2016 16:49
Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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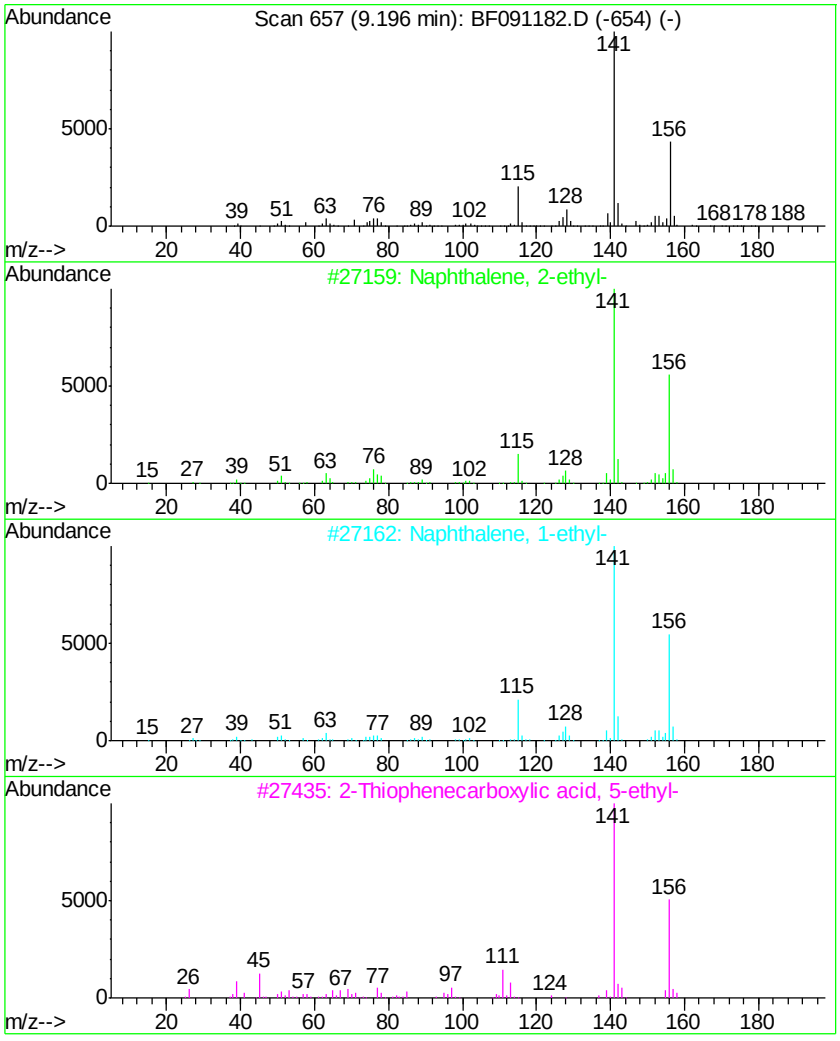
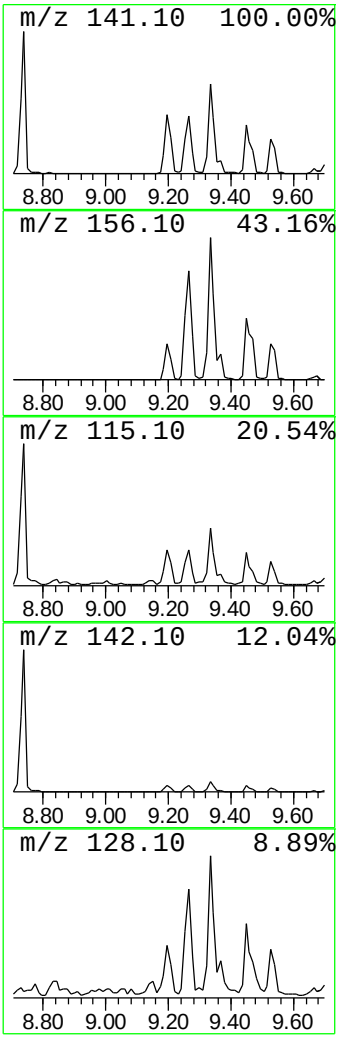
Peak Number 9 Naphthalene, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	16.78 ng	1597870	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	59
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	49





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Data File : BF091182.D
Acq On : 15 Nov 2016 16:49
Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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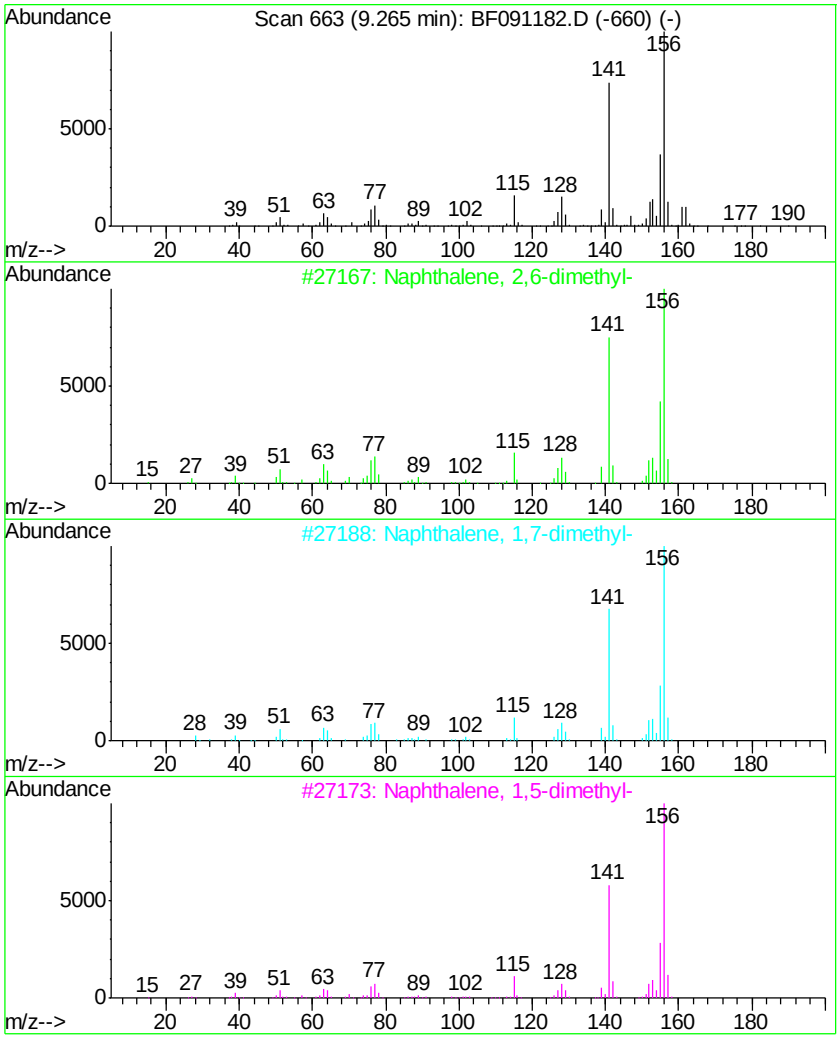
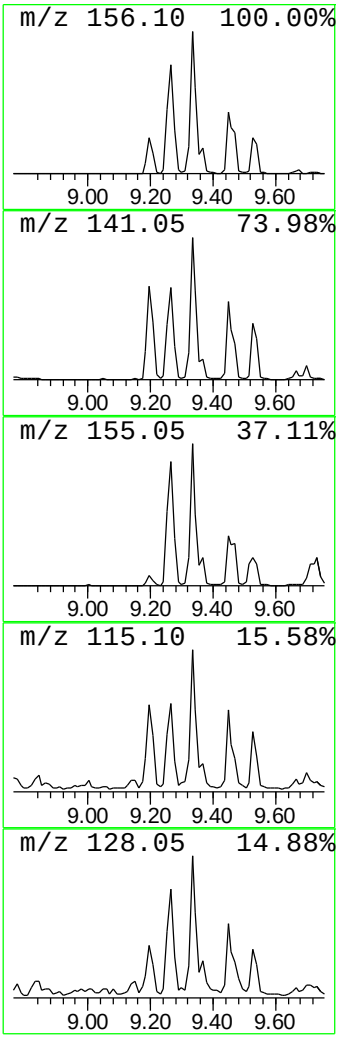
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	31.24 ng	2975370	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Acq On : 15 Nov 2016 16:49
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Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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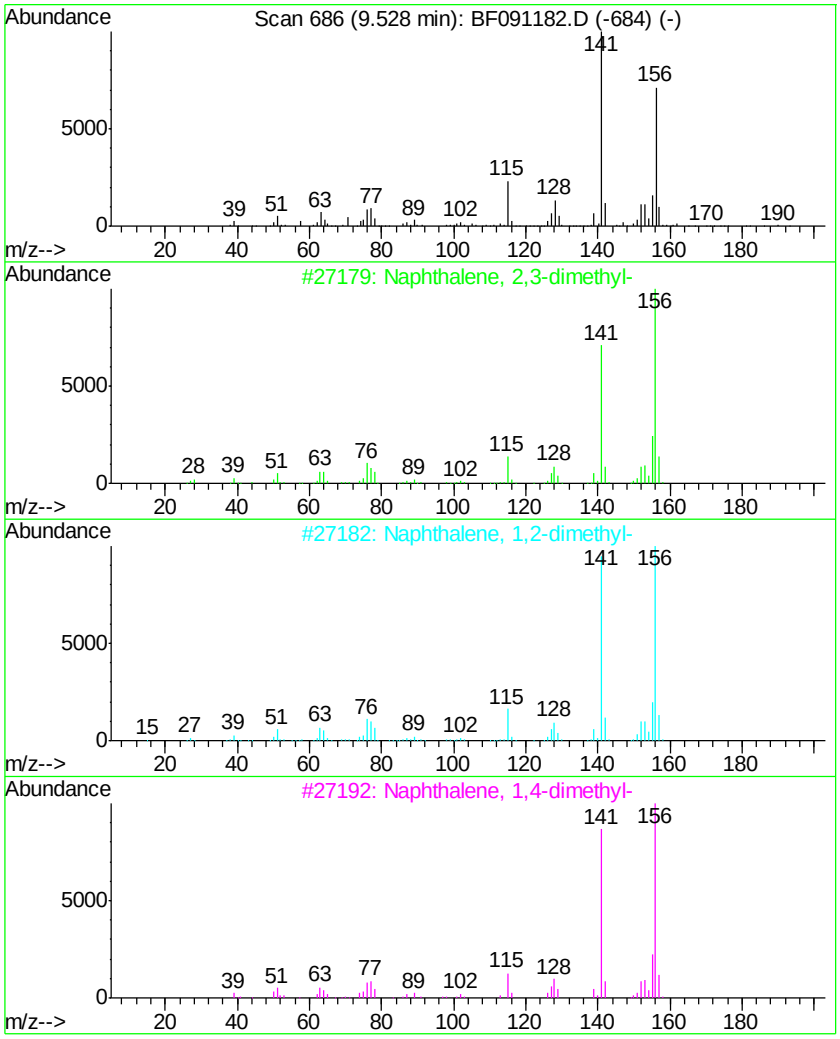
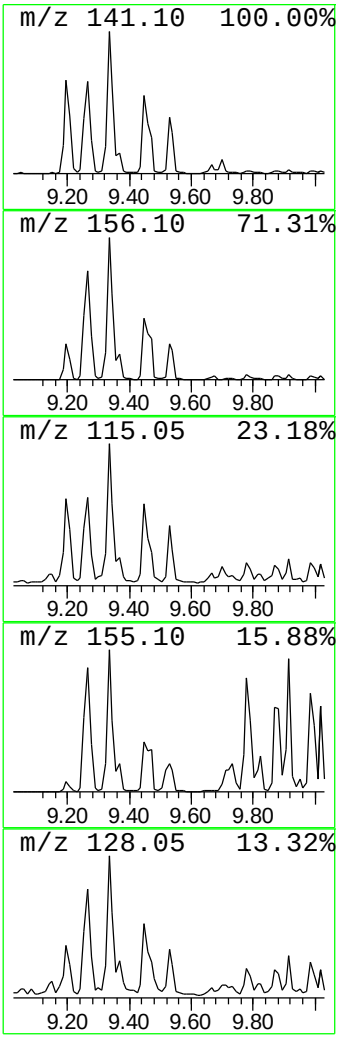
Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	11.61 ng	1105990	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





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Data File : BF091182.D
Acq On : 15 Nov 2016 16:49
Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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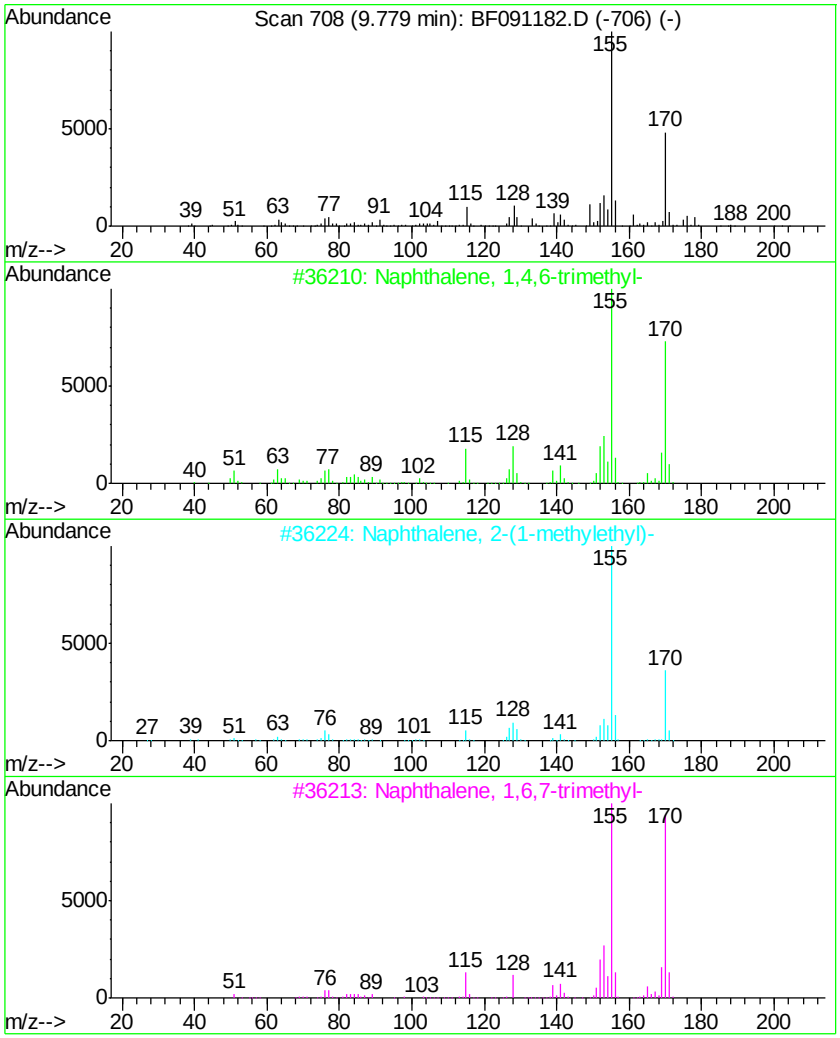
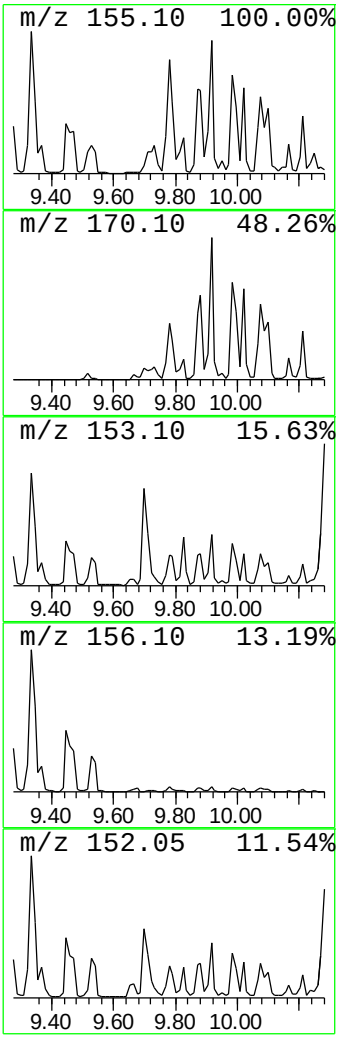
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	9.78 ng	931116	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
5	1'-Acetonaphthone	170	C12H10O	000941-98-0	64





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Acq On : 15 Nov 2016 16:49
Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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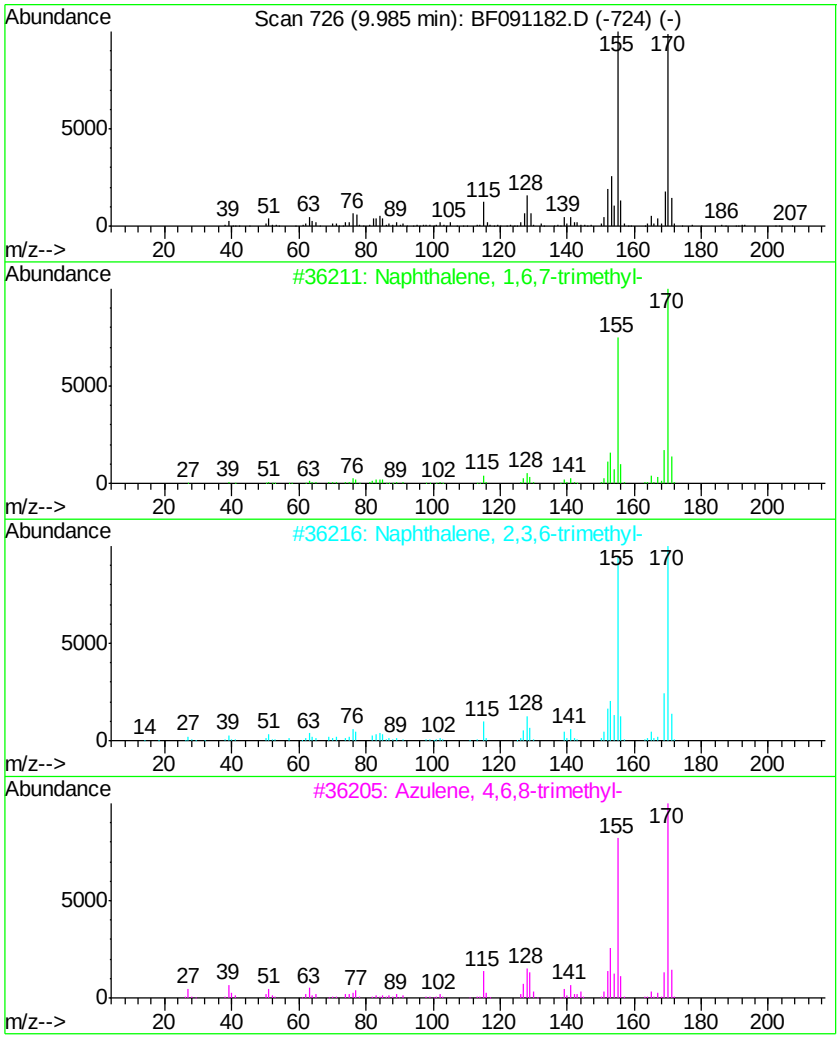
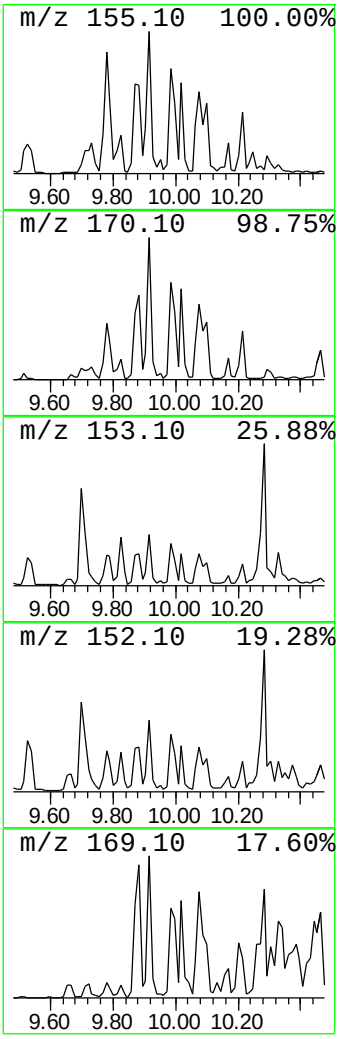
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	9.75 ng	928728	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Acq On : 15 Nov 2016 16:49
Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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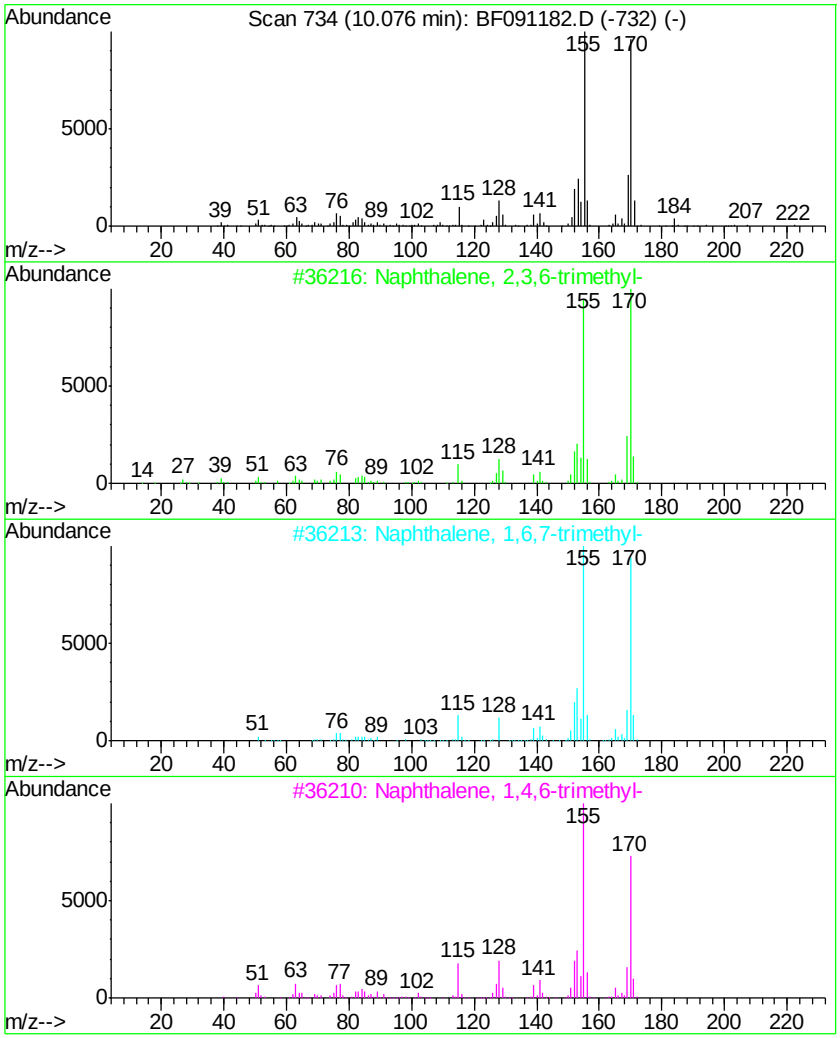
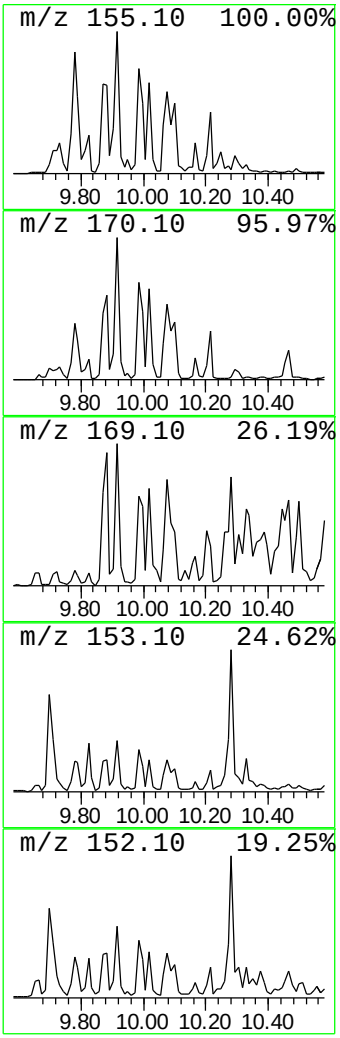
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	12.90 ng	1228870	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	86





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Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Integration Parameters: LSCINT.P

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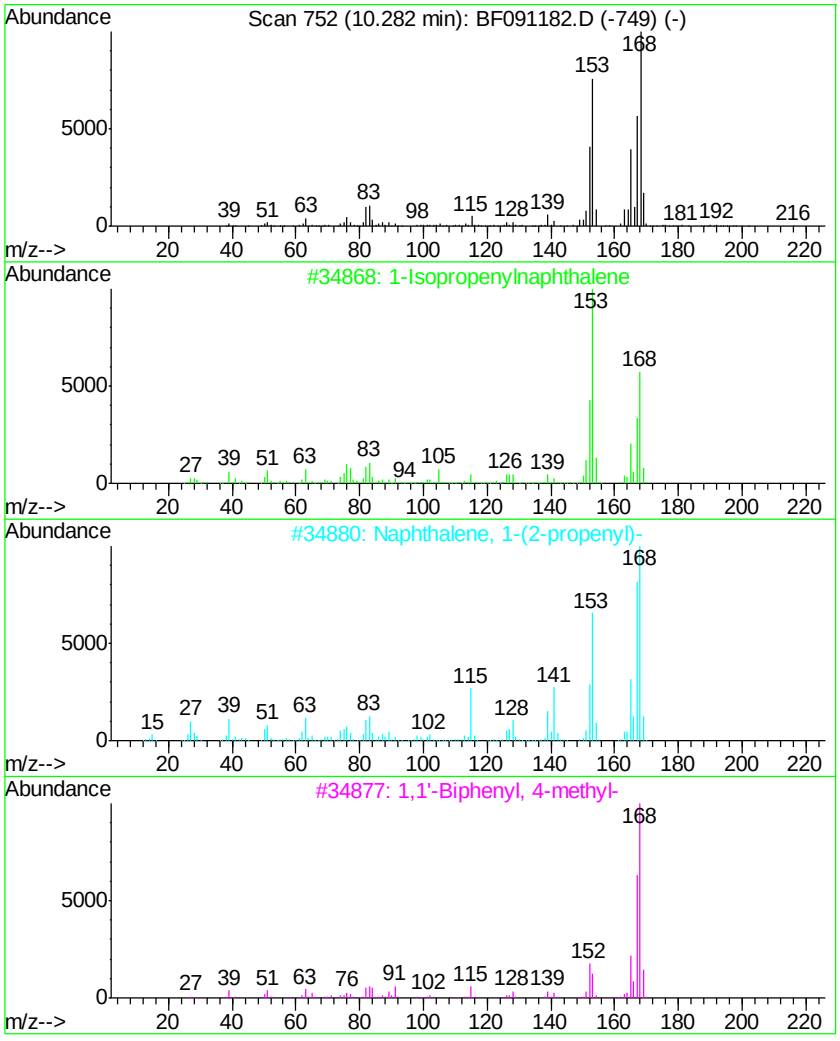
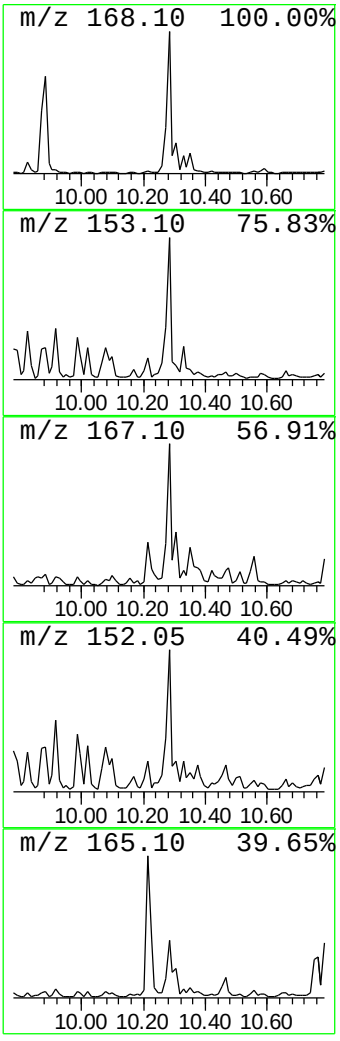
Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	13.39 ng	1275550	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	52
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
5	N-Nitrosodiphenylamine	198	C12H10N2O	000086-30-6	46





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Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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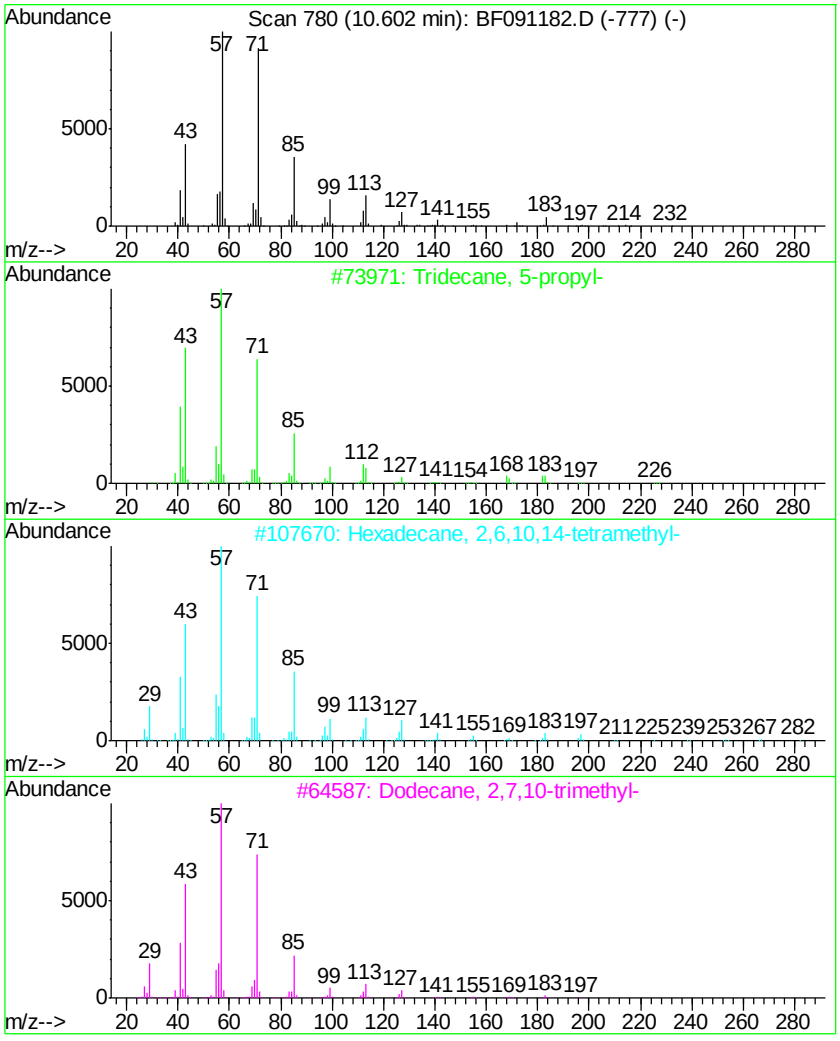
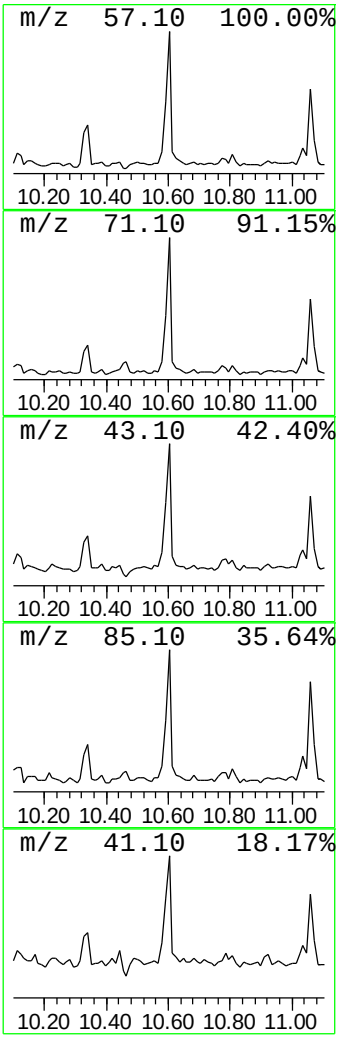
Peak Number 18 Tridecane, 5-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	8.95 ng	730738	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72





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Sample : H5636-09
Misc :
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Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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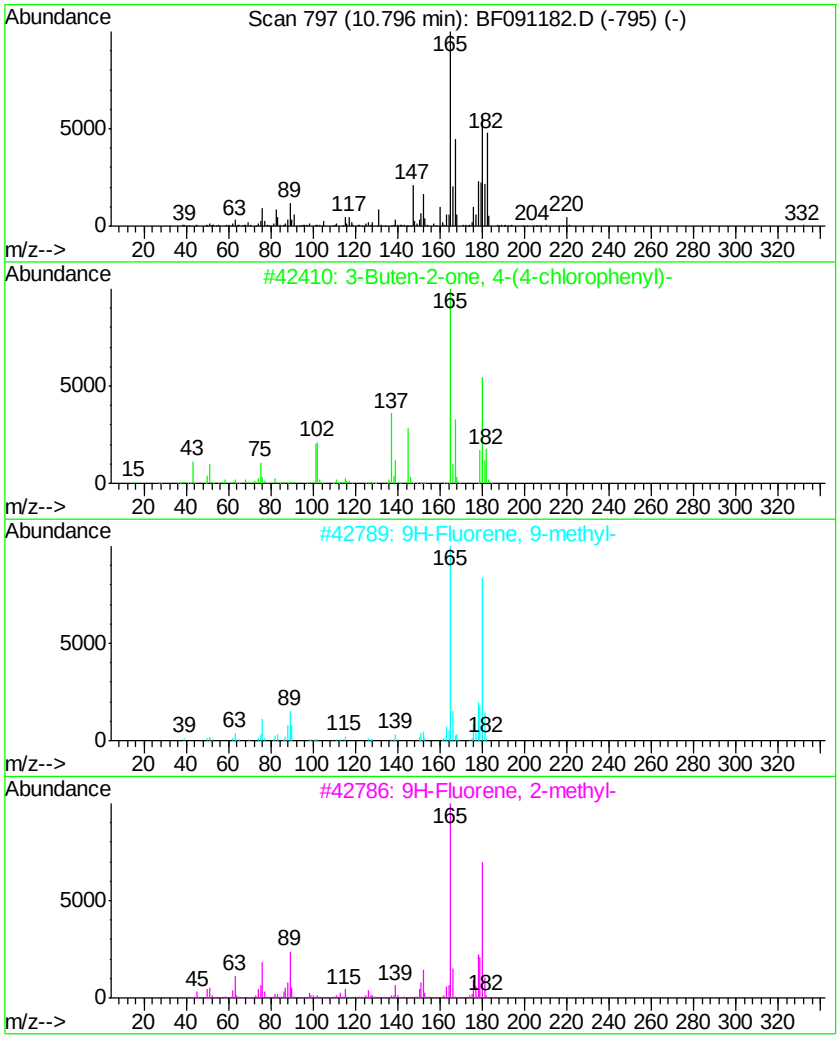
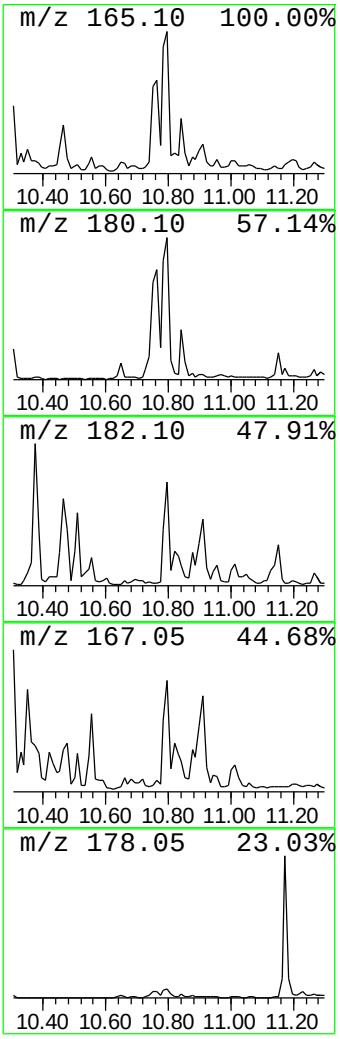
Peak Number 19 unknown10.80 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	7.31 ng	596670	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	47
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	45
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	45
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	45
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	41





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Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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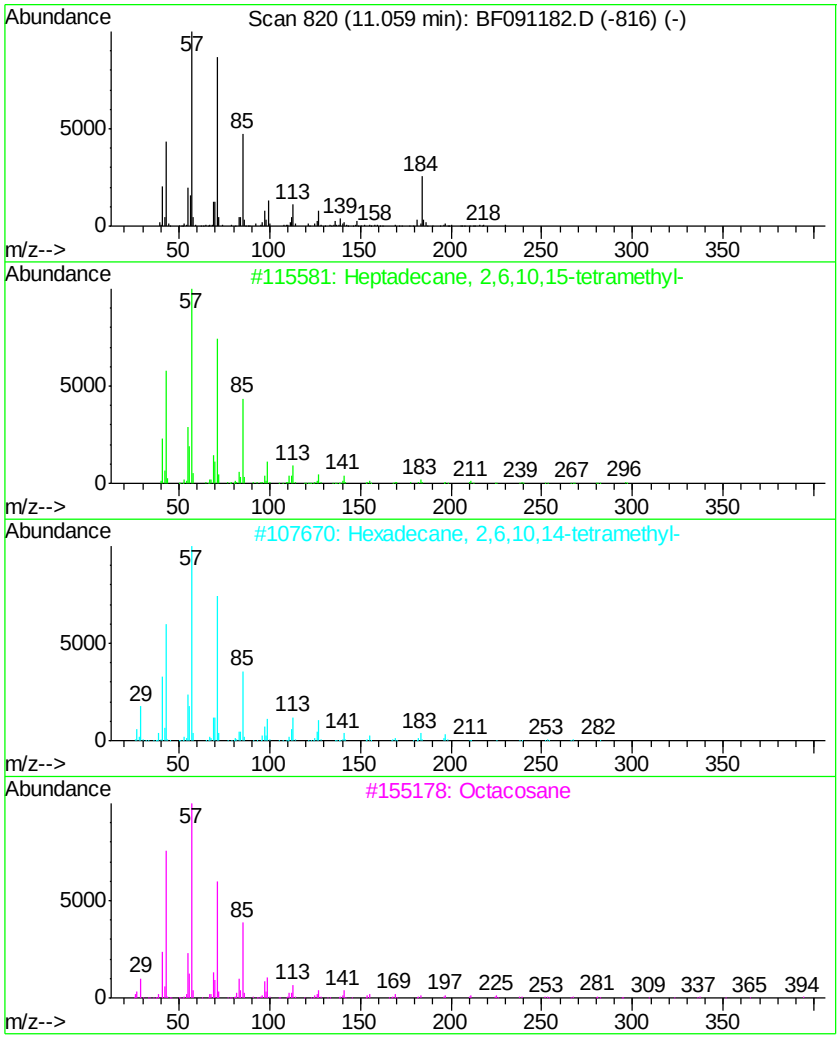
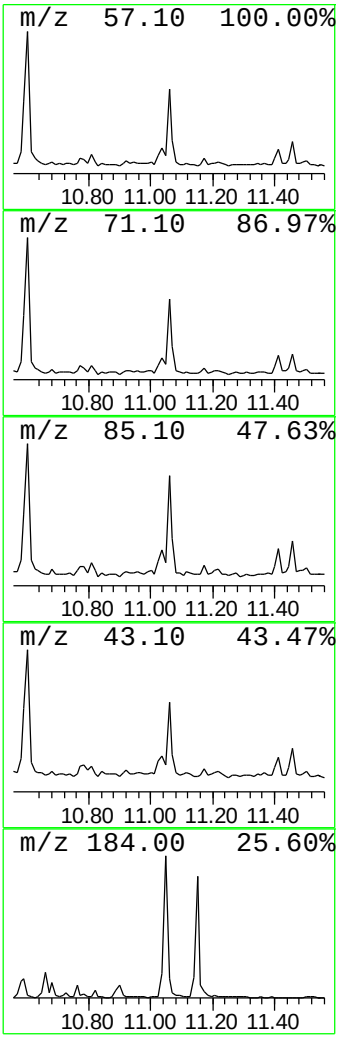
Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	9.27 ng	756648	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3	Octacosane	394	C28H58	000630-02-4	64
4	Heptacosane	380	C27H56	000593-49-7	58
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53





Tentatively Identified Compound (LSC) summary

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Data File : BF091182.D
Acq On : 15 Nov 2016 16:49
Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
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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
2-Pentanone, 4-hy...	4.76	14.2	ng	724024	1	6.64	1022280	20.0
unknown6.41	6.41	82.8	ng	4232110	1	6.64	1022280	20.0
Benzene, 1,3-diet...	6.89	6.3	ng	320010	1	6.64	1022280	20.0
Benzene, 1,2-diet...	6.98	6.3	ng	320701	1	6.64	1022280	20.0
3-Phenylbut-1-ene	7.66	9.2	ng	1776890	2	7.92	3851070	20.0
Naphthalene, 1-me...	8.74	19.6	ng	3779280	2	7.92	3851070	20.0
Naphthalene, 2-et...	9.20	16.8	ng	1597870	3	9.68	1904980	20.0
Naphthalene, 2,6-...	9.26	31.2	ng	2975370	3	9.68	1904980	20.0
Naphthalene, 2,3-...	9.53	11.6	ng	1105990	3	9.68	1904980	20.0
Naphthalene, 1,4,...	9.78	9.8	ng	931116	3	9.68	1904980	20.0
Naphthalene, 1,6,...	9.98	9.8	ng	928728	3	9.68	1904980	20.0
Naphthalene, 2,3,...	10.08	12.9	ng	1228870	3	9.68	1904980	20.0
1-Isopropenylnaph...	10.28	13.4	ng	1275550	3	9.68	1904980	20.0
Tridecane, 5-propyl-	10.60	8.9	ng	730738	4	11.15	1633020	20.0
unknown10.80	10.80	7.3	ng	596670	4	11.15	1633020	20.0
Heptadecane, 2,6,...	11.06	9.3	ng	756648	4	11.15	1633020	20.0