LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091181.D
Acq On : 15 Nov 2016 16:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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	57	rVB	3105790	9749716	100.00%	16.234%
2	4.762	266	269	280	rBV	509125	690629	7.08%	1.150%
3	5.219	307	309	319	rBV	1770573	2024767	20.77%	3.371%
4	6.282	400	402	410	rBV	1072406	1408768	14.45%	2.346%
5	6.407	410	413	415	rBV	3043994	4100357	42.06%	6.827%
6	6.636	431	433	444	rBV	800142	939751	9.64%	1.565%
7	6.785	444	446	449	rBV	3247355	3990444	40.93%	6.644%
8	6.887	454	455	460	rVV	58289	115983	1.19%	0.193%
9	6.979	460	463	466	rVV2	62345	137691	1.41%	0.229%
10	7.207	481	483	485	rBV	3084055	3237415	33.21%	5.390%
11	7.402	498	500	505	rVB5	49316	122972	1.26%	0.205%
12	7.665	520	523	525	rBV	104915	114487	1.17%	0.191%
13	7.916	543	545	549	rBV	1197675	1522546	15.62%	2.535%
14	7.973	549	550	551	rVB	187691	128756	1.32%	0.214%
15	8.202	568	570	573	rBV4	99416	169273	1.74%	0.282%
16	8.305	577	579	582	rVB	145087	188247	1.93%	0.313%
17	8.362	582	584	585	rBV	162581	232934	2.39%	0.388%
18	8.396	585	587	588	rVB	160745	163883	1.68%	0.273%
19	8.488	593	595	596	rVB2	115085	116493	1.19%	0.194%
20	8.510	596	597	599	rBV2	74007	107002	1.10%	0.178%
21	8.579	599	603	605	rVB3	120107	216677	2.22%	0.361%
22	8.613	605	606	610	rVB2	107582	115699	1.19%	0.193%
23	8.728	612	616	618	rBV3	129910	253433	2.60%	0.422%
24	8.762	618	619	622	rVB2	127523	175936	1.80%	0.293%
25	8.842	622	626	627	rBV3	95845	210539	2.16%	0.351%
26	8.956	633	636	637	rBV3	61628	111303	1.14%	0.185%
27	9.002	637	640	643	rBV	5613883	5646330	57.91%	9.401%
28	9.139	650	652	654	rVB	115305	165148	1.69%	0.275%
29	9.208	654	658	661	rVB	203019	309378	3.17%	0.515%
30	9.265	661	663	666	rBV3	157116	275348	2.82%	0.458%
31	9.333	667	669	671	rVV	243756	298042	3.06%	0.496%
32	9.402	673	675	677	rVV	333160	335571	3.44%	0.559%
33	9.448	677	679	684	rVV2	324971	555217	5.69%	0.924%
34	9.528	684	686	689	rVB2	239444	271424	2.78%	0.452%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091181.D
Acq On : 15 Nov 2016 16:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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	9.665	696	698	700	rBV	1577487	1760759	18.06%	2.932%
36	9.711	700	702	706	rVB3	108759	273175	2.80%	0.455%
37	9.791	706	709	710	rBV	143789	202776	2.08%	0.338%
38	9.825	710	712	713	rBV	93538	124488	1.28%	0.207%
39	9.871	713	716	718	rVB3	111233	228410	2.34%	0.380%
40	9.916	718	720	721	rBV	149215	126880	1.30%	0.211%
41	9.985	724	726	729	rVB	311856	352635	3.62%	0.587%
42	10.065	731	733	734	rBV	105019	145271	1.49%	0.242%
43	10.168	739	742	744	rVV3	122601	167255	1.72%	0.278%
44	10.214	744	746	749	rVV3	243764	352968	3.62%	0.588%
45	10.282	749	752	755	rVV	352149	588101	6.03%	0.979%
46	10.328	755	756	758	rVV	110817	152126	1.56%	0.253%
47	10.374	758	760	762	rVV2	118746	173768	1.78%	0.289%
48	10.465	765	768	770	rVV	3452311	4136661	42.43%	6.888%
49	10.499	770	771	774	rVB2	103799	135767	1.39%	0.226%
50	10.591	777	779	782	rVB	122050	197349	2.02%	0.329%
51	10.762	791	794	795	rBV	88256	135368	1.39%	0.225%
52	10.785	795	796	800	rVB2	199886	301334	3.09%	0.502%
53	10.911	803	807	810	rVB4	74061	164588	1.69%	0.274%
54	11.048	814	819	823	rVB2	143440	356932	3.66%	0.594%
55	11.151	825	828	830	rBV	1763025	1746286	17.91%	2.908%
56	11.391	847	849	853	rVB2	78892	163429	1.68%	0.272%
57	11.459	853	855	858	rVV2	115073	174727	1.79%	0.291%
58	11.517	858	860	862	rVV	89019	108165	1.11%	0.180%
59	11.757	879	881	886	rVB3	41368	99490	1.02%	0.166%
60	12.134	912	914	918	rVV	236061	231503	2.37%	0.385%
61	12.739	964	967	969	rBV	5703813	6534408	67.02%	10.880%
62	13.780	1055	1058	1060	rBV	1391115	1530254	15.70%	2.548%
63	15.140	1175	1177	1180	rBV	887679	1191438	12.22%	1.984%

Sum of corrected areas: 60058470

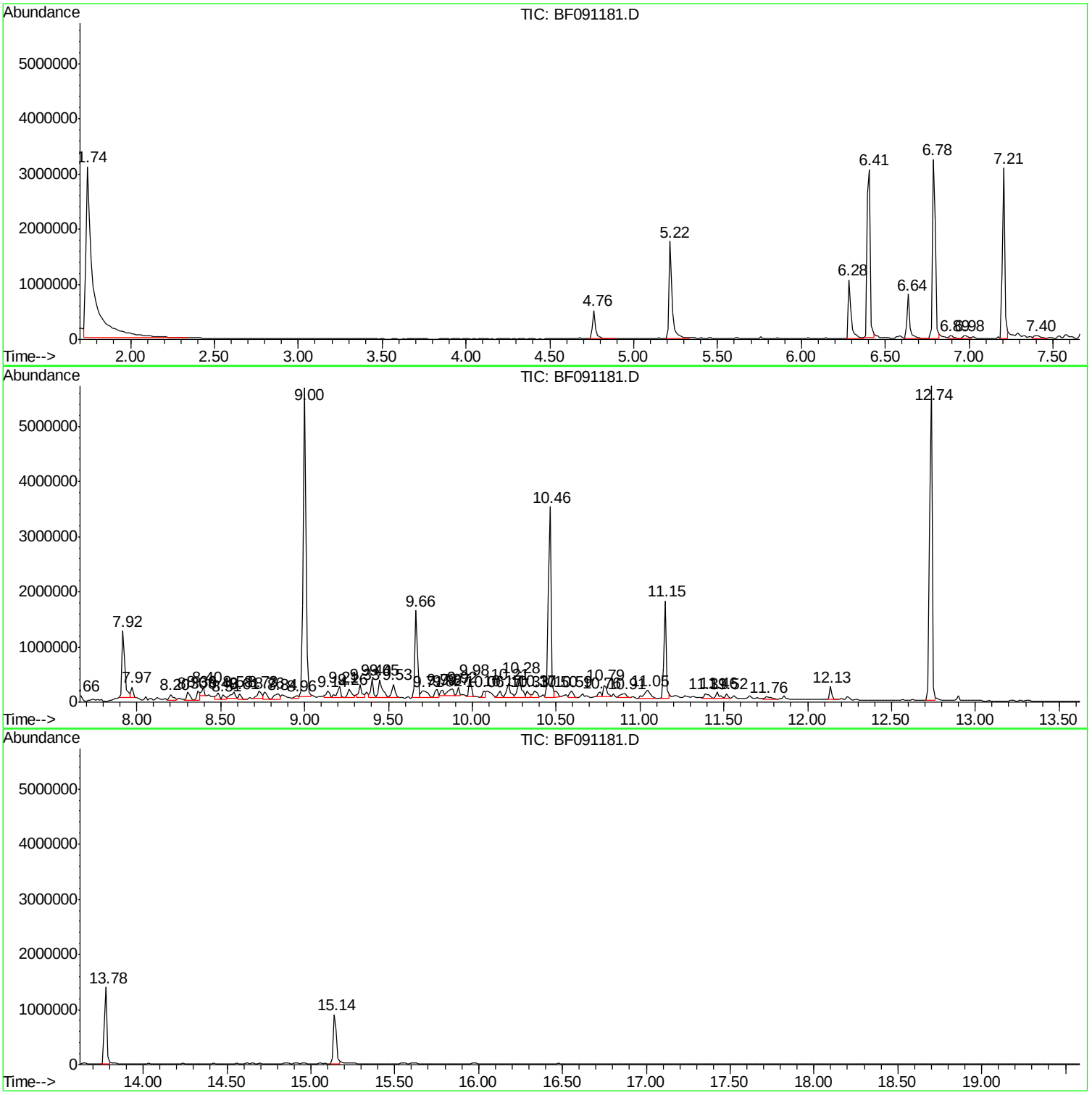
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091181.D
Acq On : 15 Nov 2016 16:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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 : BF091181.D
Acq On : 15 Nov 2016 16:22
Operator : UM/SJ
Sample : H5636-08
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

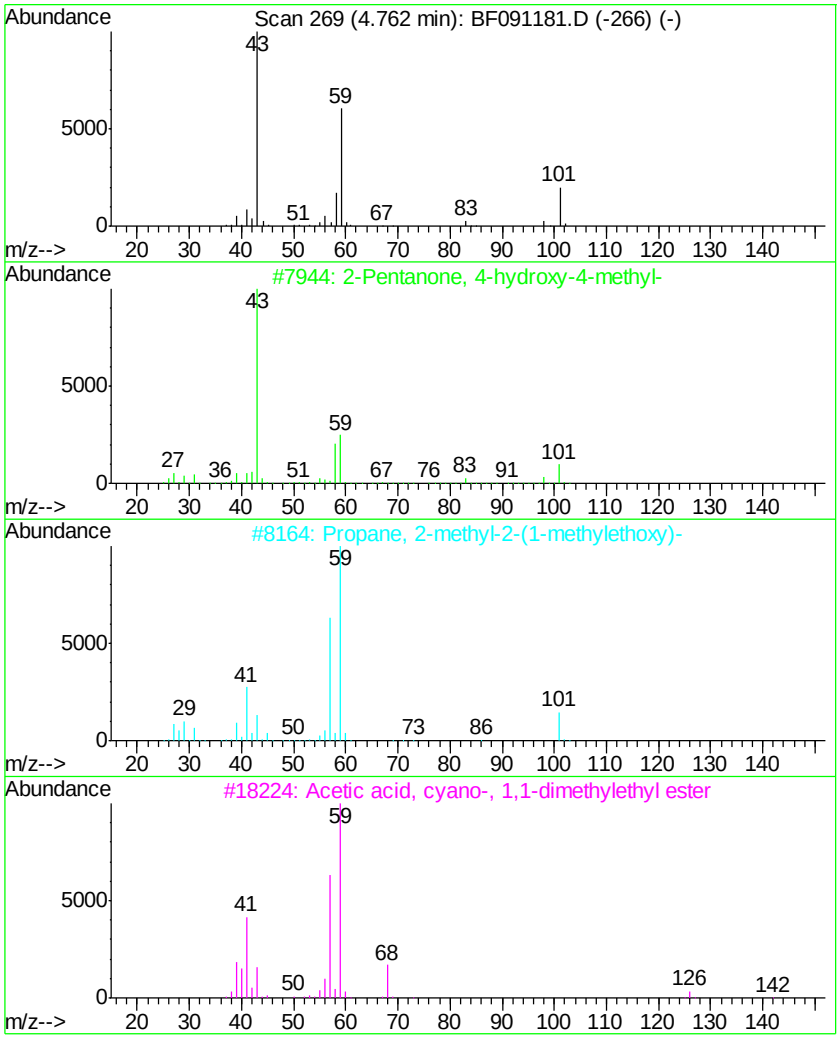
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

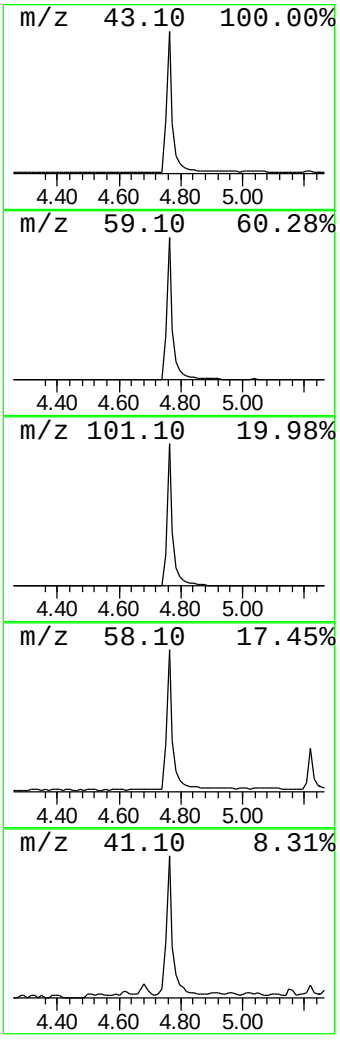
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	14.70 ng	690629	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	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Guanidine	59	CH5N3	000113-00-8	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091181.D
Acq On : 15 Nov 2016 16:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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

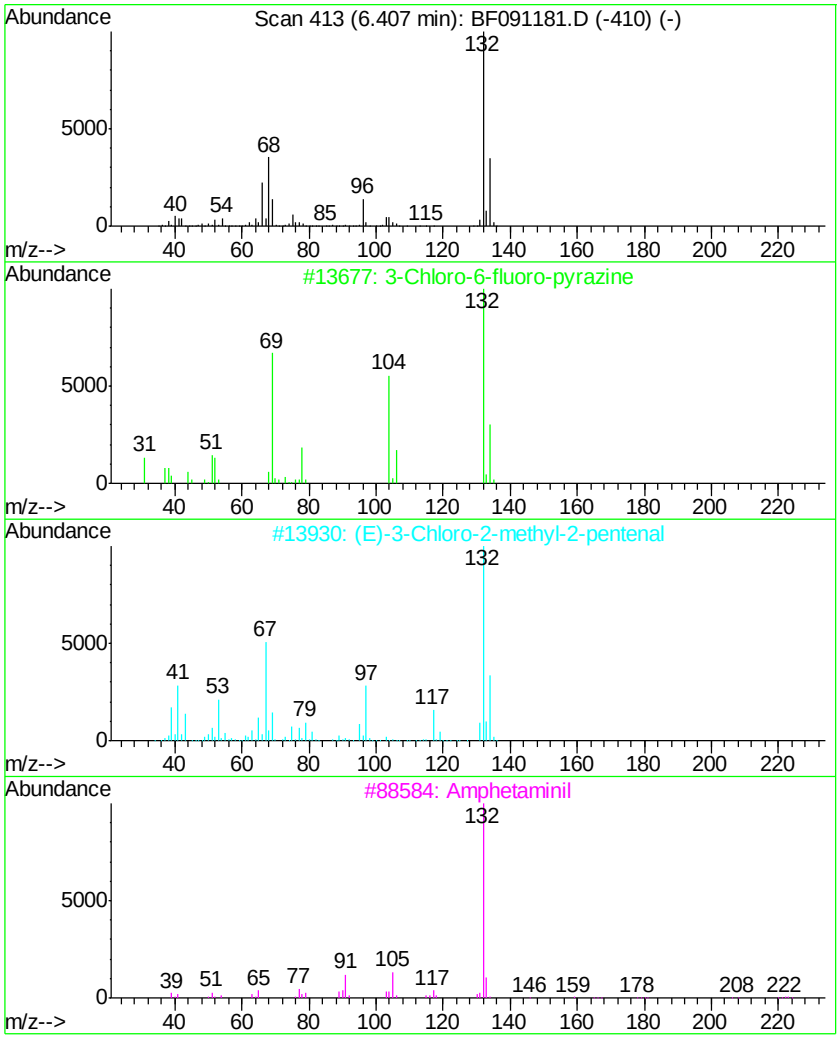
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

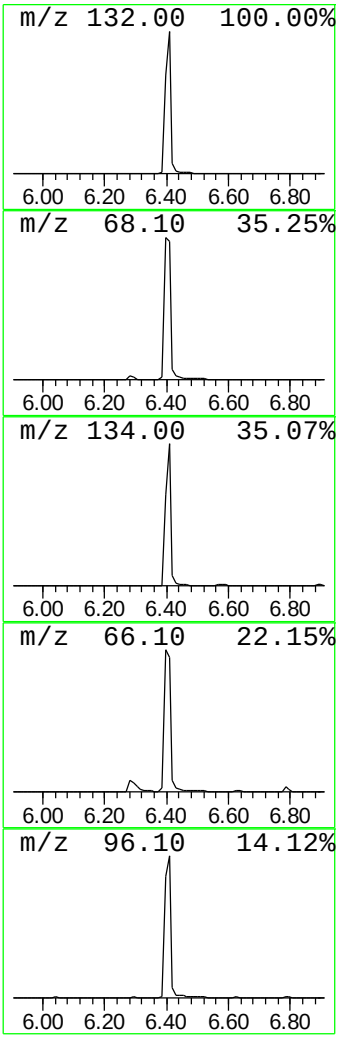
****

Peak Number 3 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	87.26 ng	4100360	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	12
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091181.D
Acq On : 15 Nov 2016 16:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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

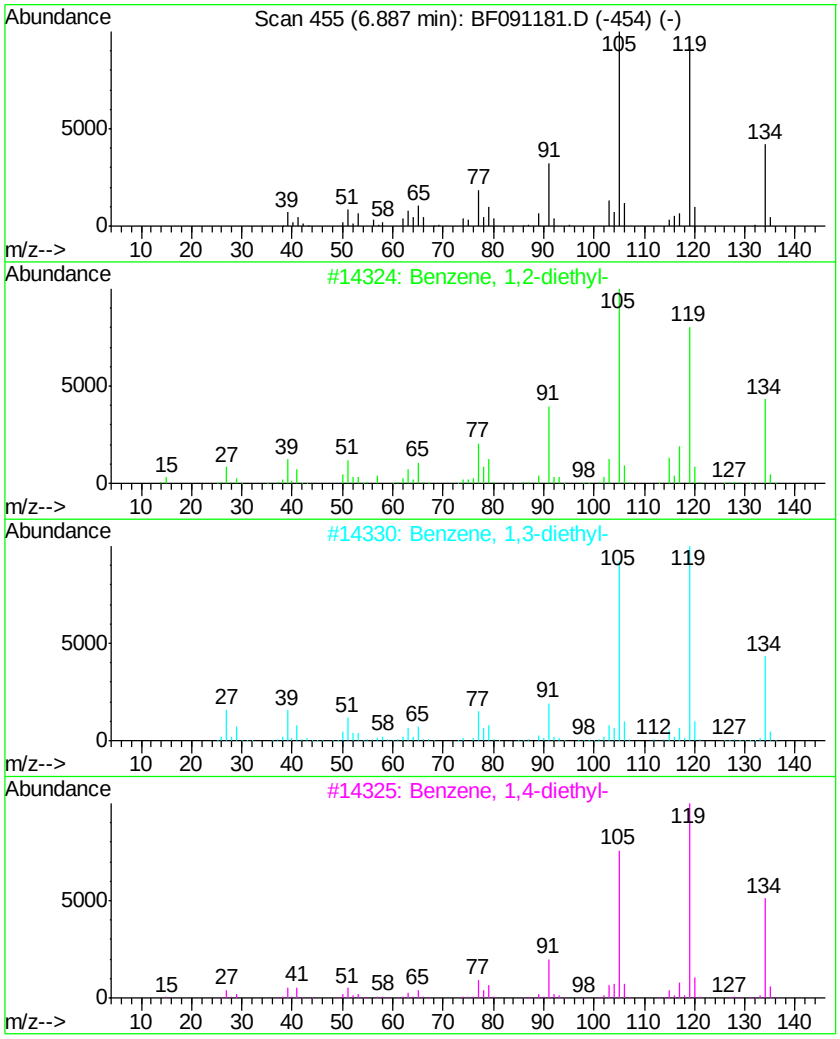
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

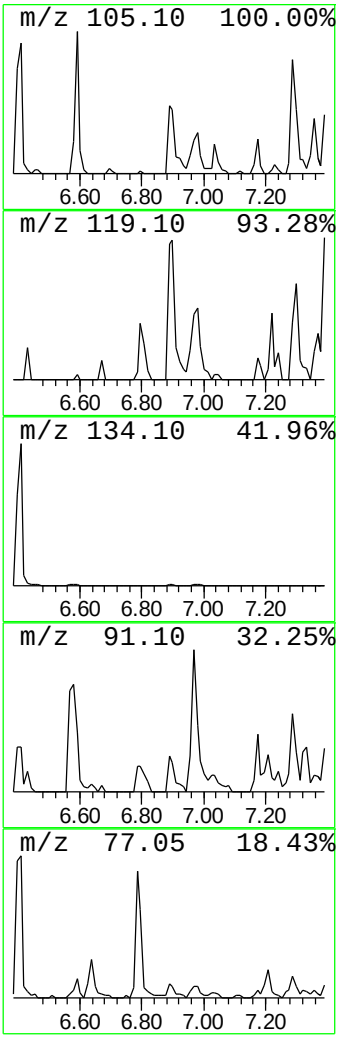
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	2.47 ng	115983	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	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091181.D
Acq On : 15 Nov 2016 16:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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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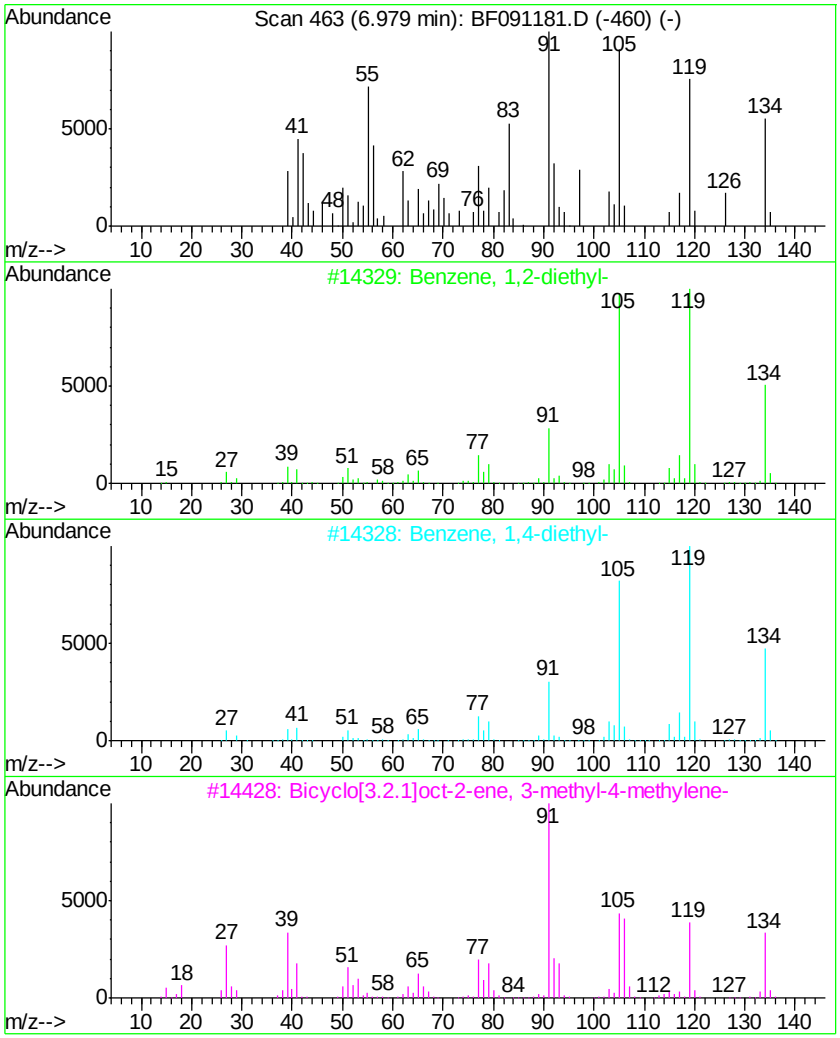
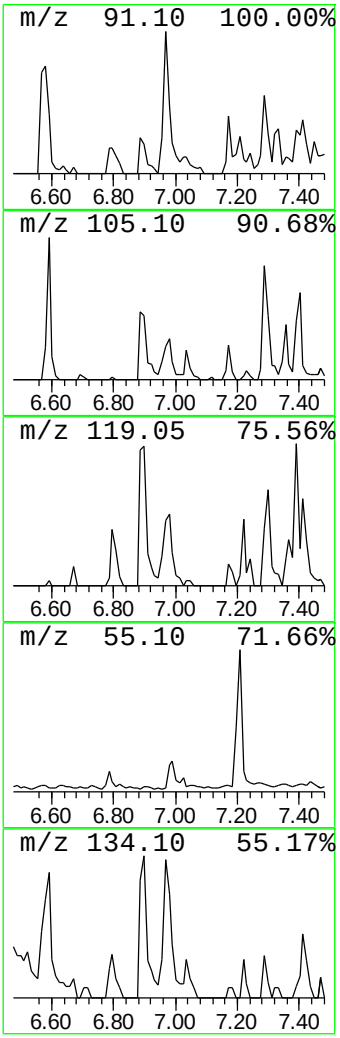
Peak Number 6 unknown6.98 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	2.93 ng	137691	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	38
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	38
3	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	30
4	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	30
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	30





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Data File : BF091181.D
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Sample : H5636-08
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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

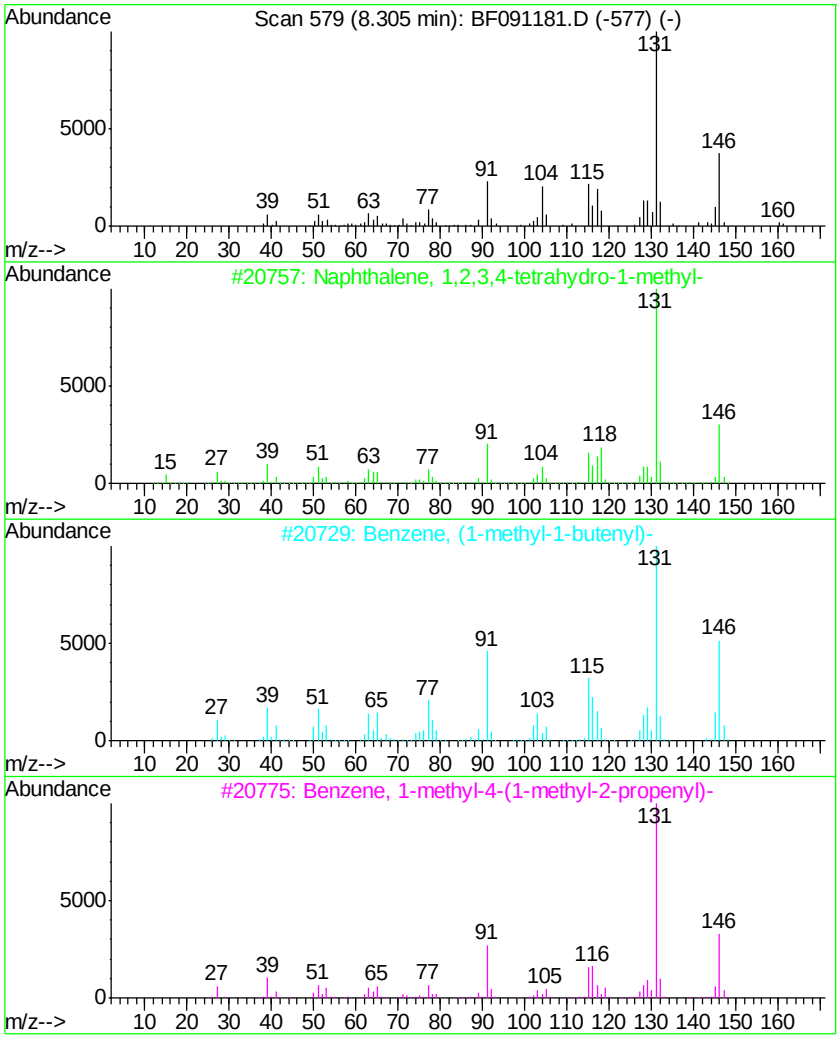
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

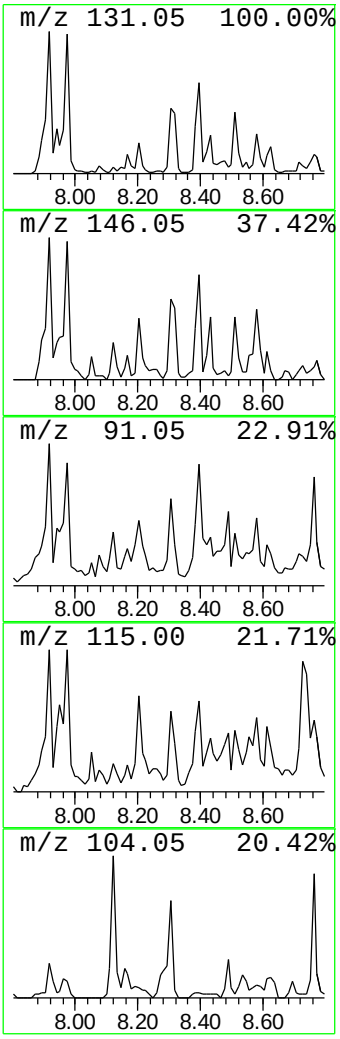
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	2.47 ng	188247	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	83
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
5	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091181.D
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Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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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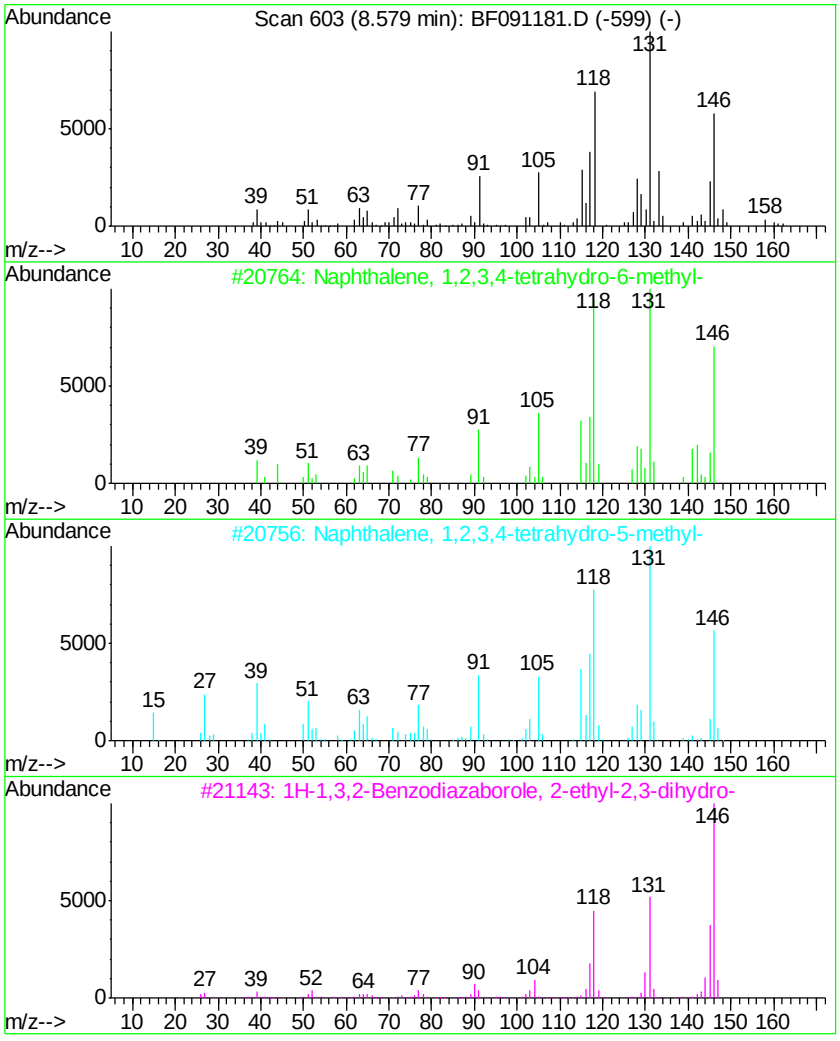
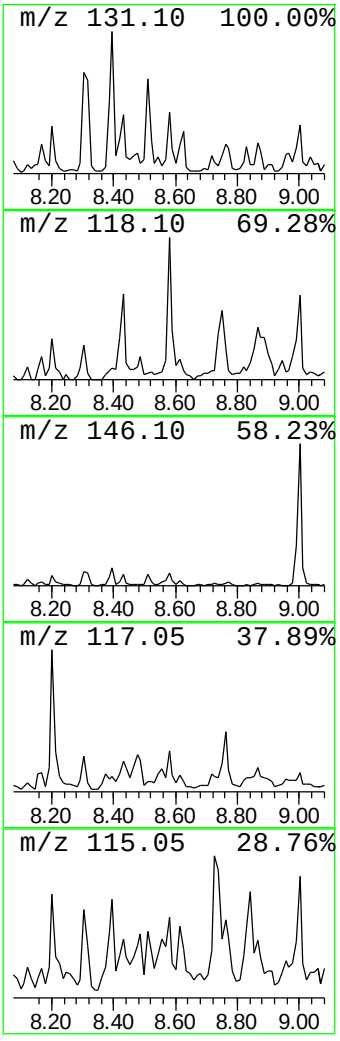
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	2.85 ng	216677	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	83
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	64
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091181.D
Acq On : 15 Nov 2016 16:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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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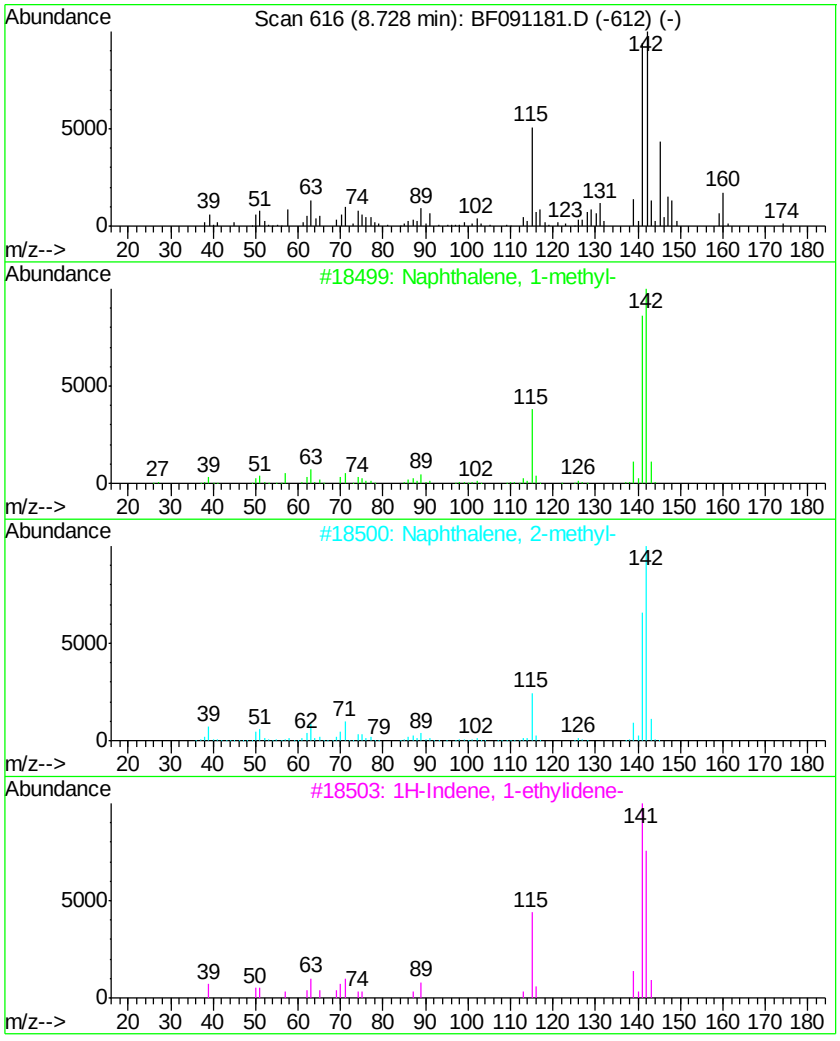
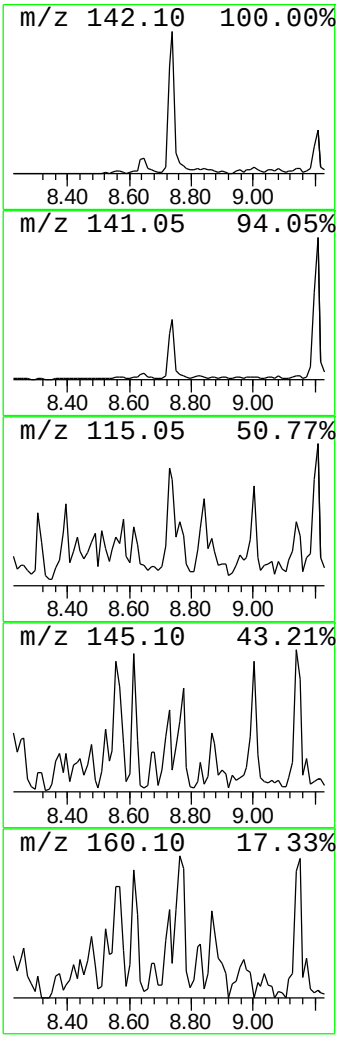
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	3.33 ng	253433	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86
4	Benzocycloheptatriene	142	C11H10	000264-09-5	86
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091181.D
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Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
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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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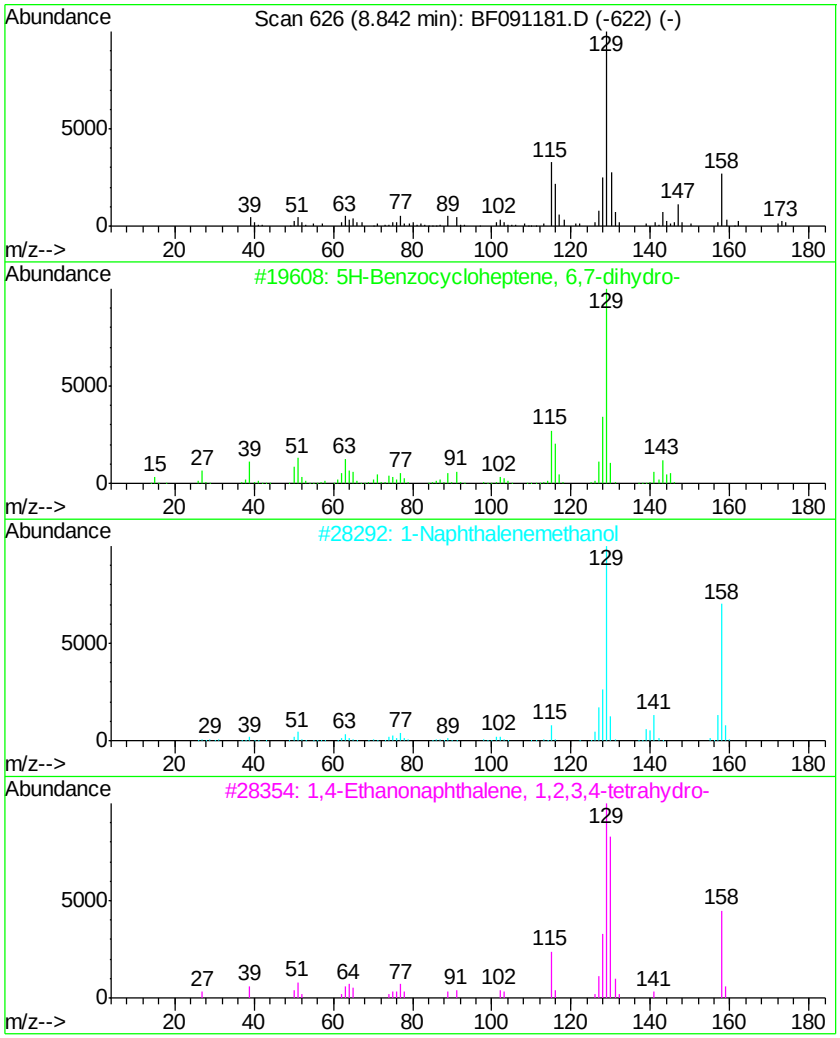
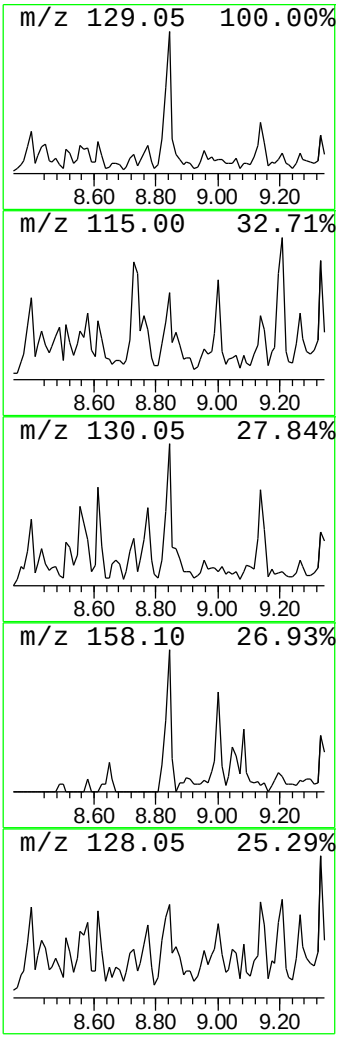
Peak Number 10 5H-Benzocycloheptene, 6,7-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	2.39 ng	210539	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	52
2	1-Naphthalenemethanol	158	C11H10O	004780-79-4	40
3	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	38
4	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	33
5	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091181.D
Acq On : 15 Nov 2016 16:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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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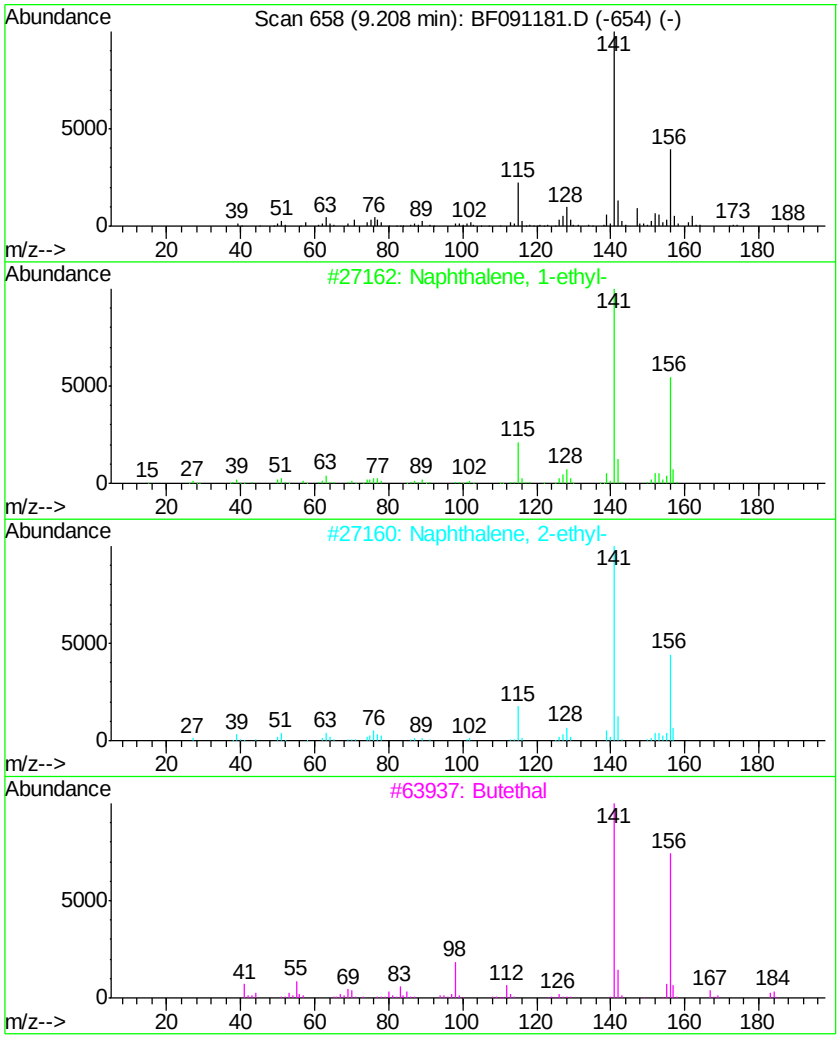
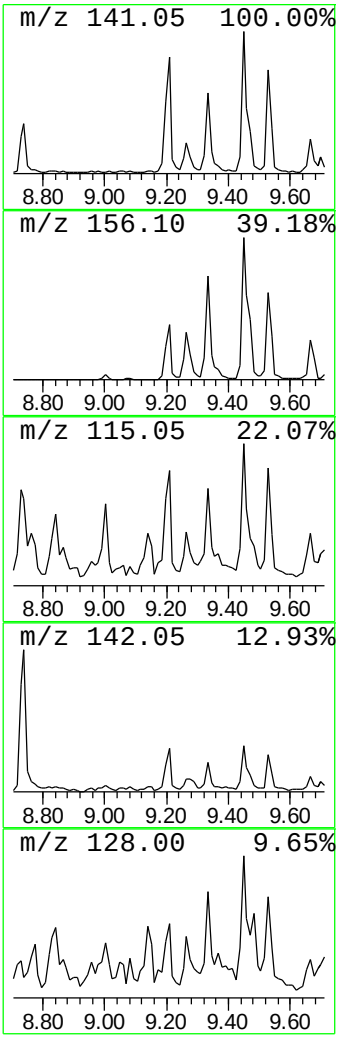
Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	3.51 ng	309378	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Butethal	212	C10H16N2O3	000077-28-1	53
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	53
5	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53





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Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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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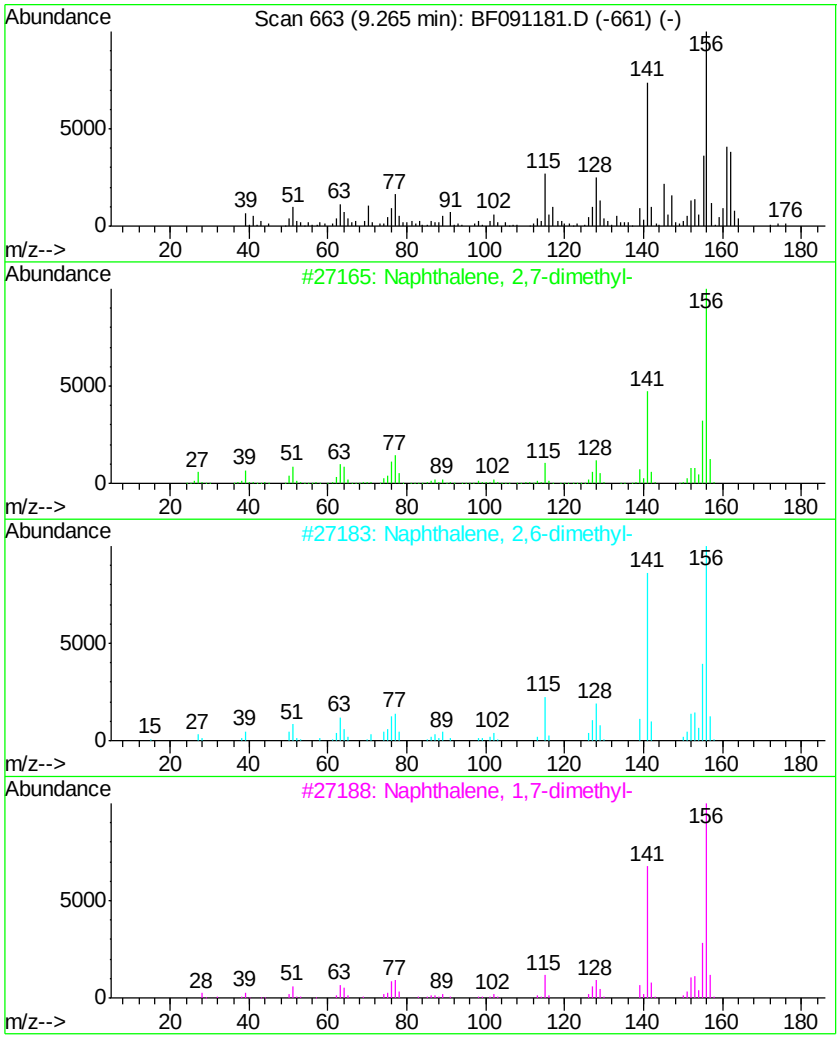
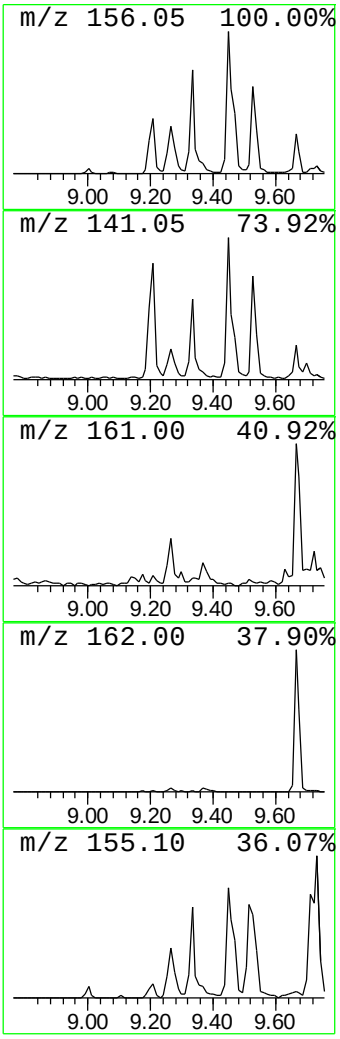
Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	3.13 ng	275348	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86





Library Search Compound Report

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Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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

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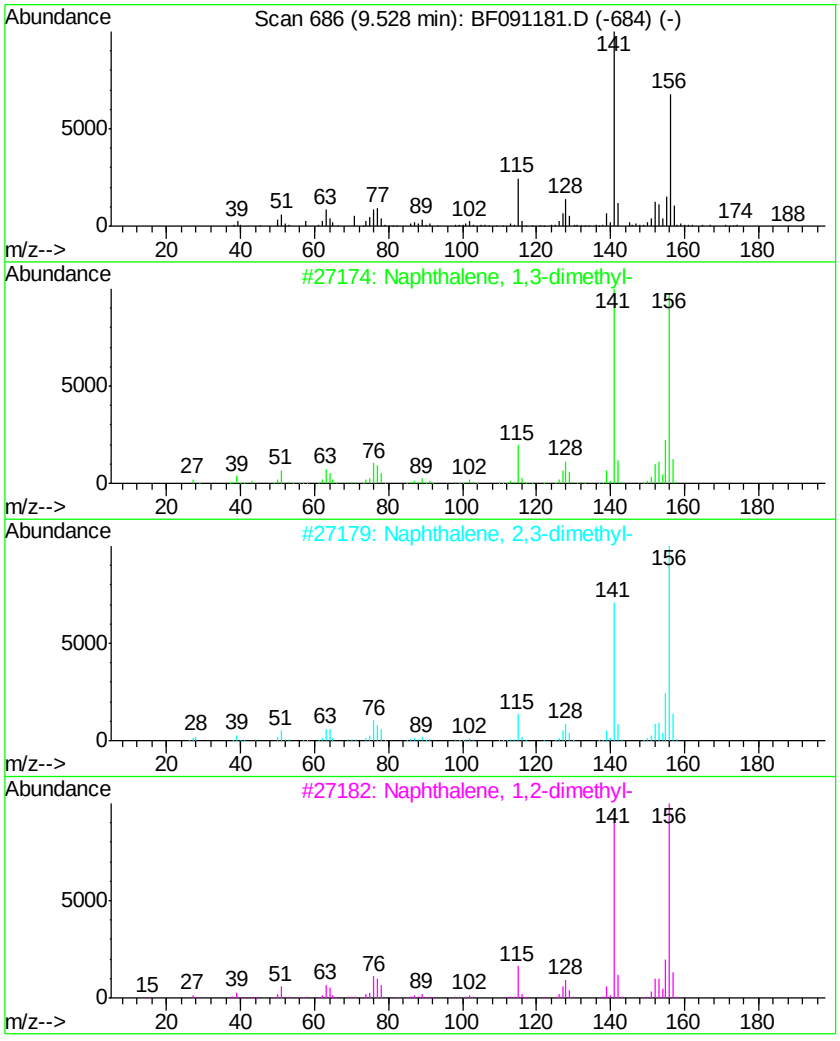
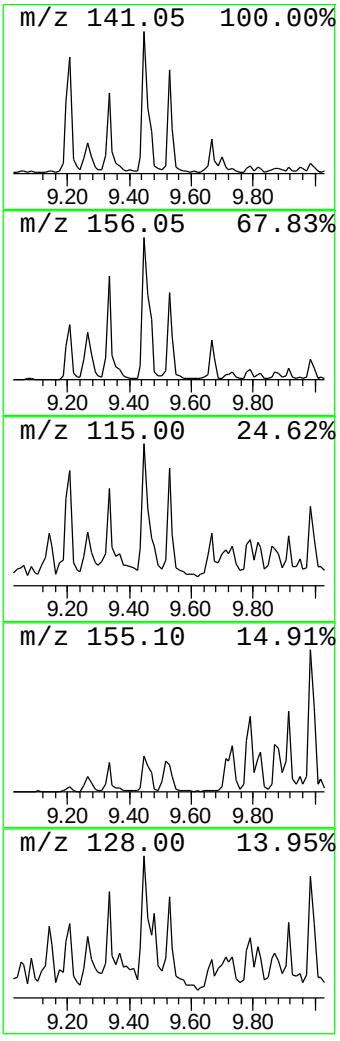
Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	3.08 ng	271424	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94





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Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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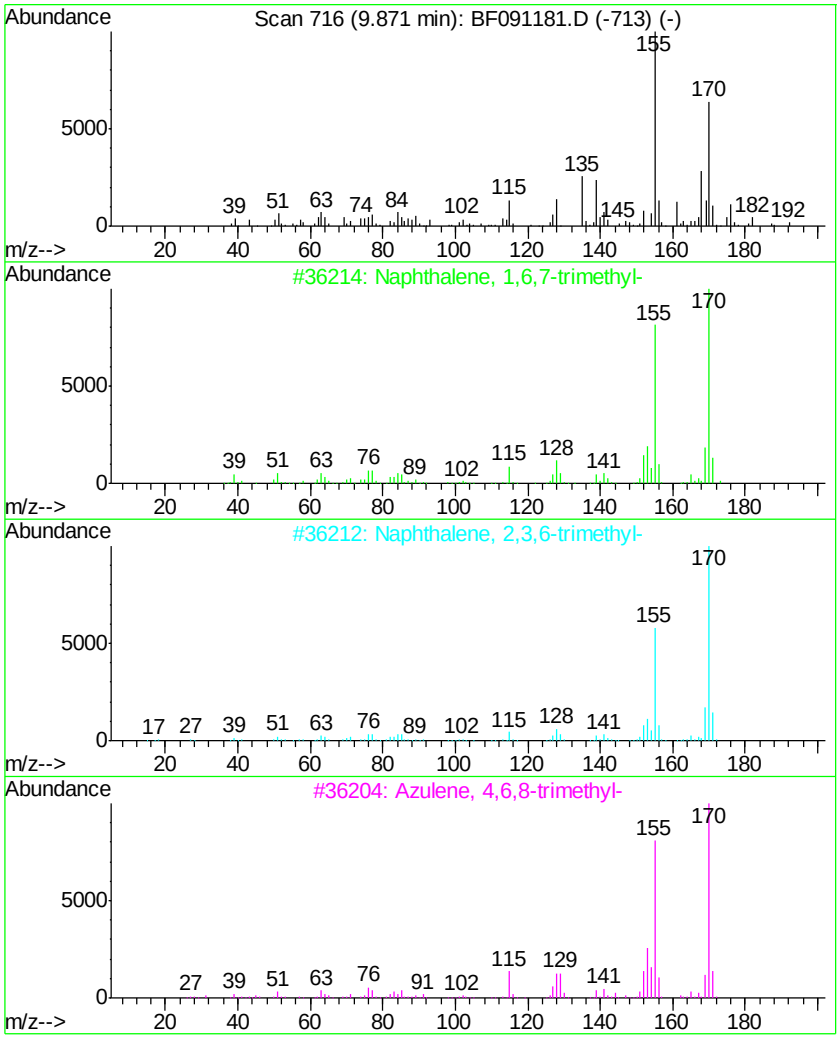
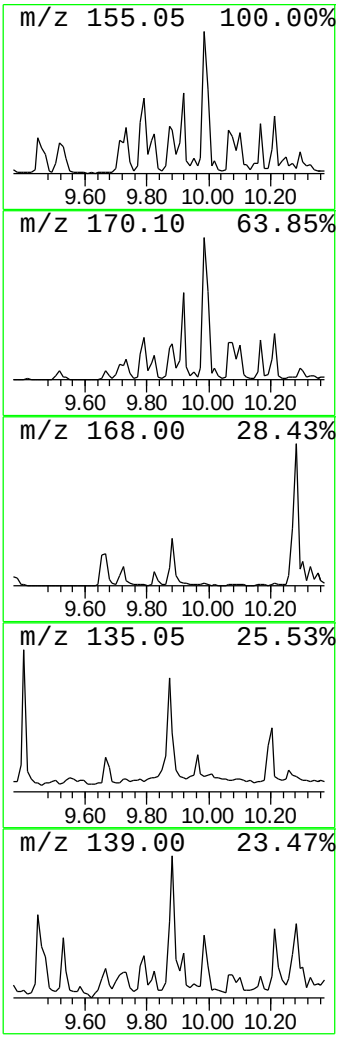
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	2.59 ng	228410	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58
3	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	58
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	58
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	49





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Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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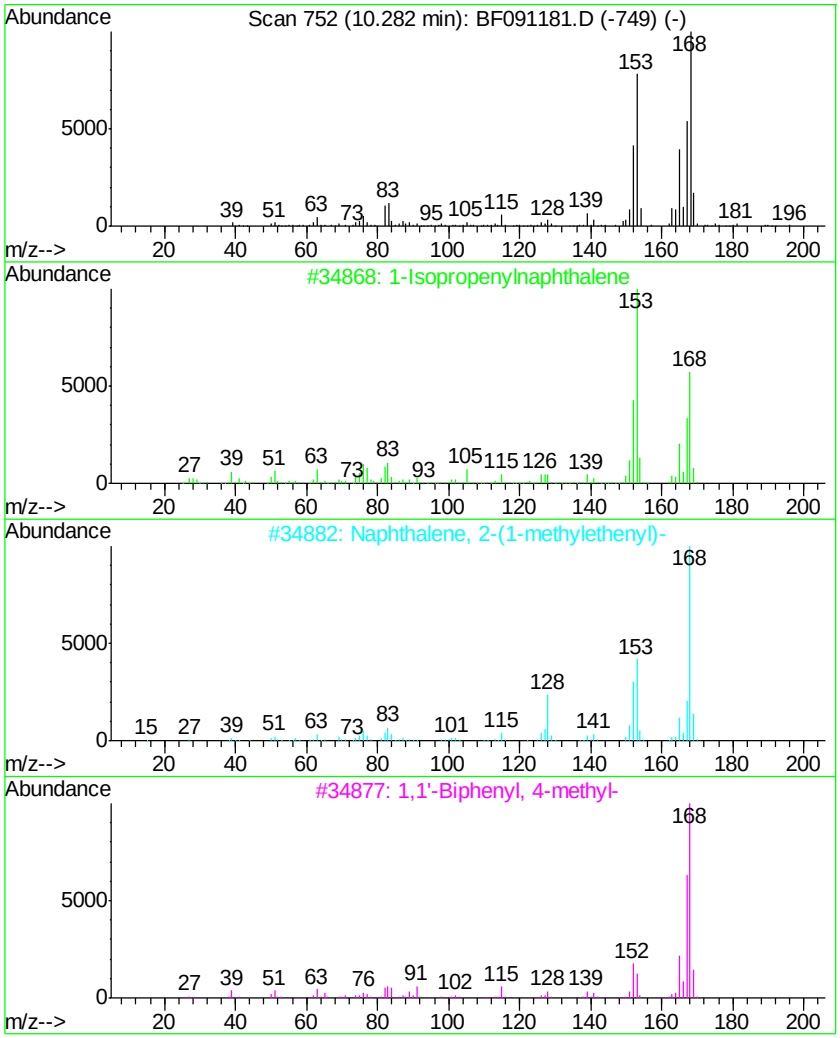
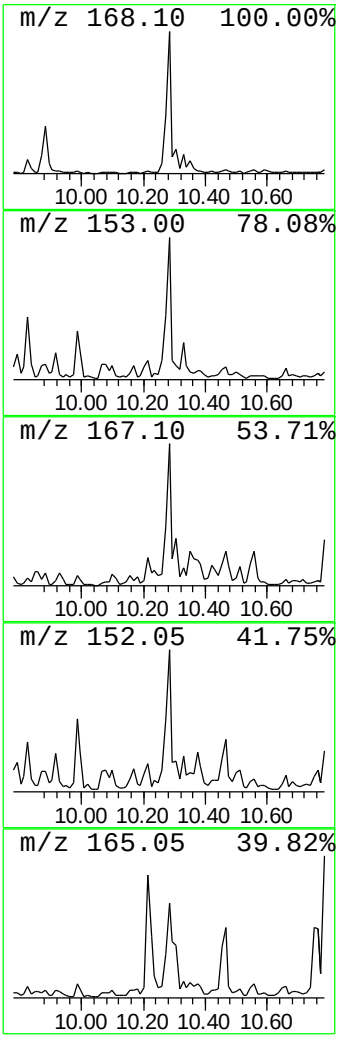
Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	6.68 ng	588101	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
5	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	43





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Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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TIC Integration Parameters: LSCINT.P

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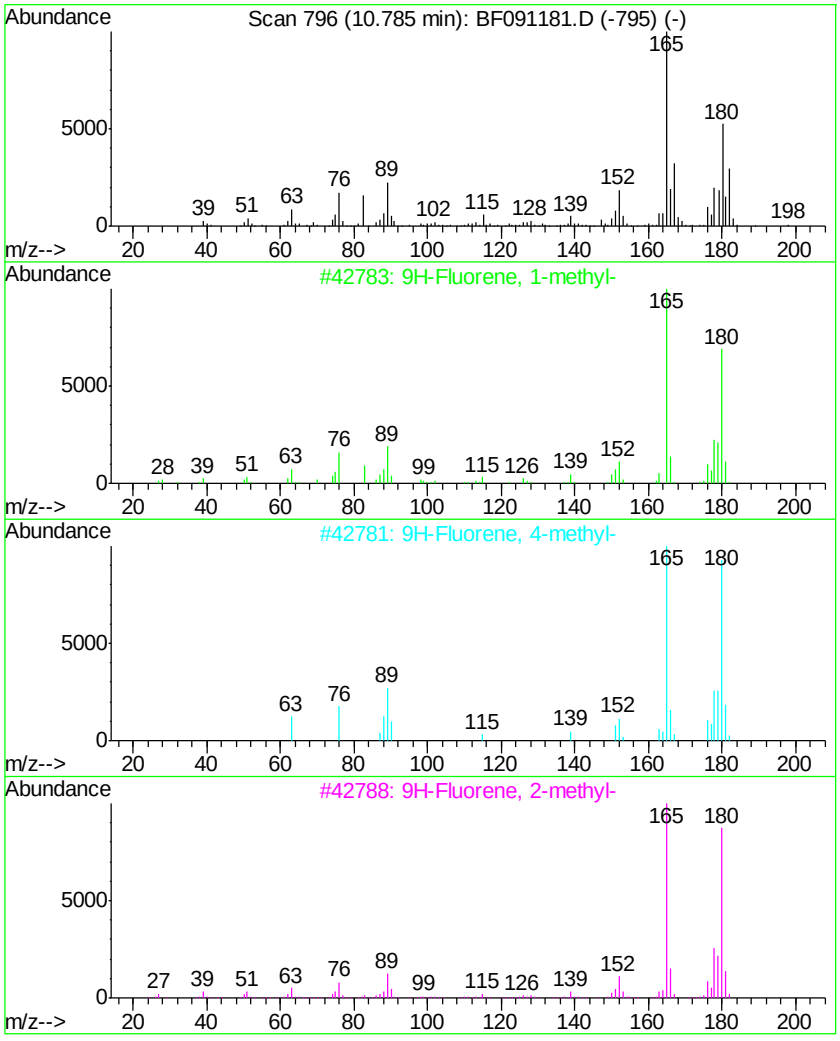
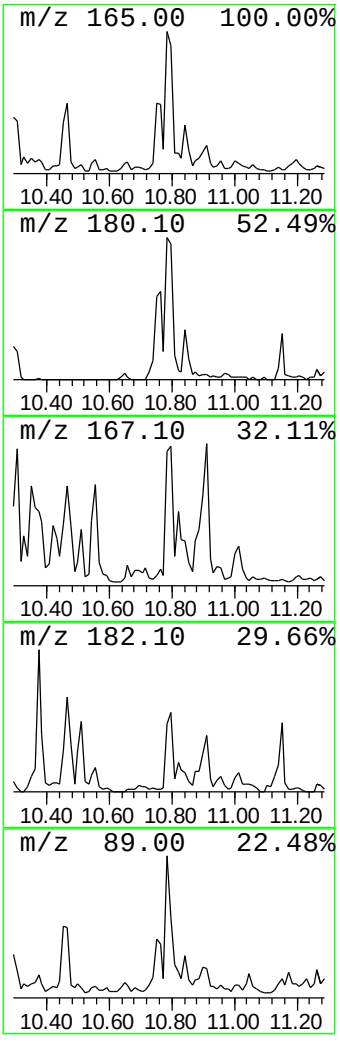
Peak Number 18 9H-Fluorene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	3.45 ng	301334	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
2	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
3	9H-Fluorene, 2-methyl-	180	C14H12	002523-37-7	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-39-9	70
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70





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Sample : H5636-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C19023041

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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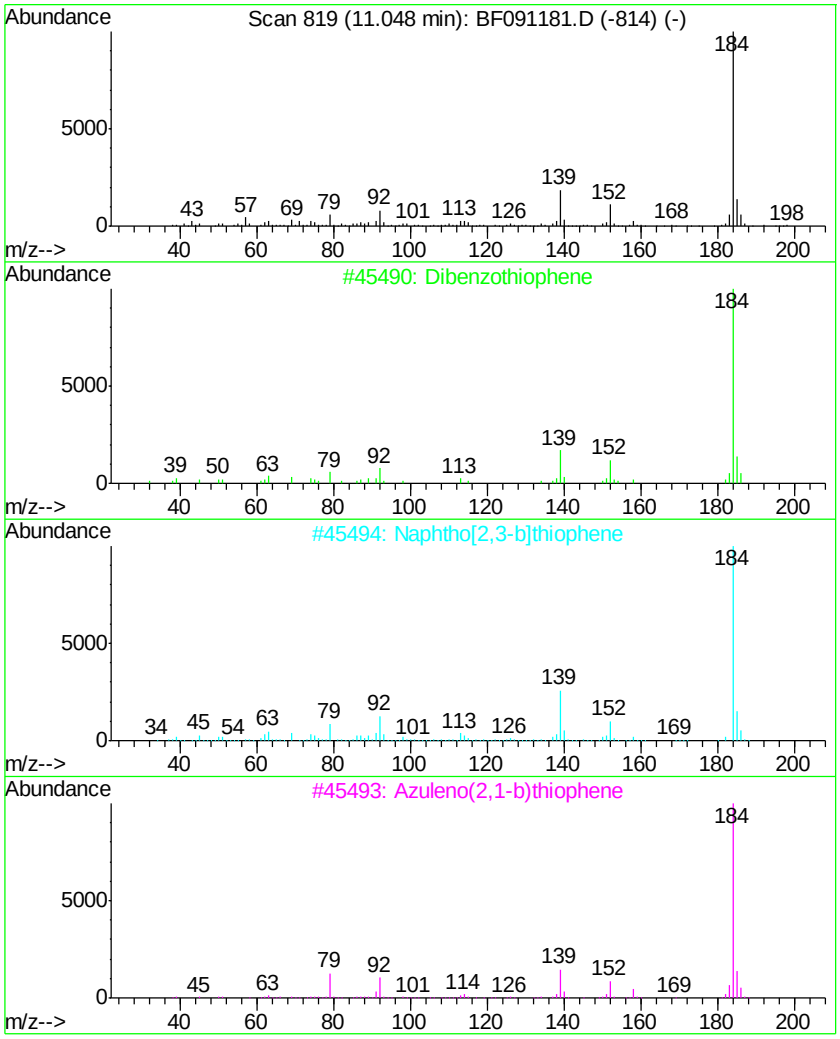
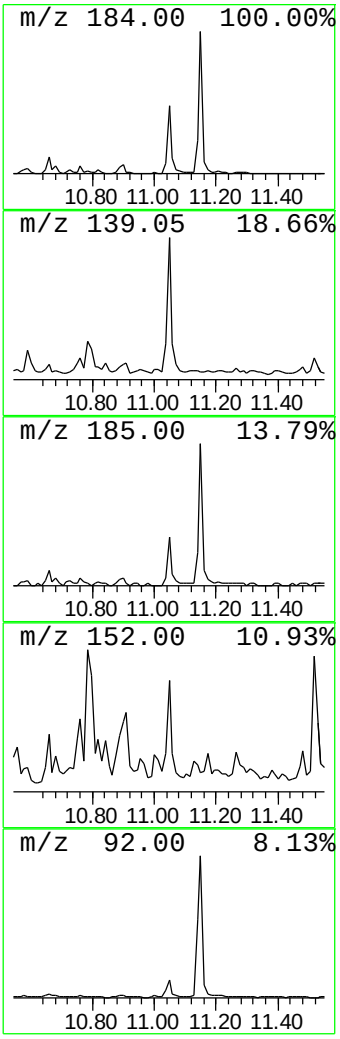
Peak Number 19 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	4.09 ng	356932	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	59





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

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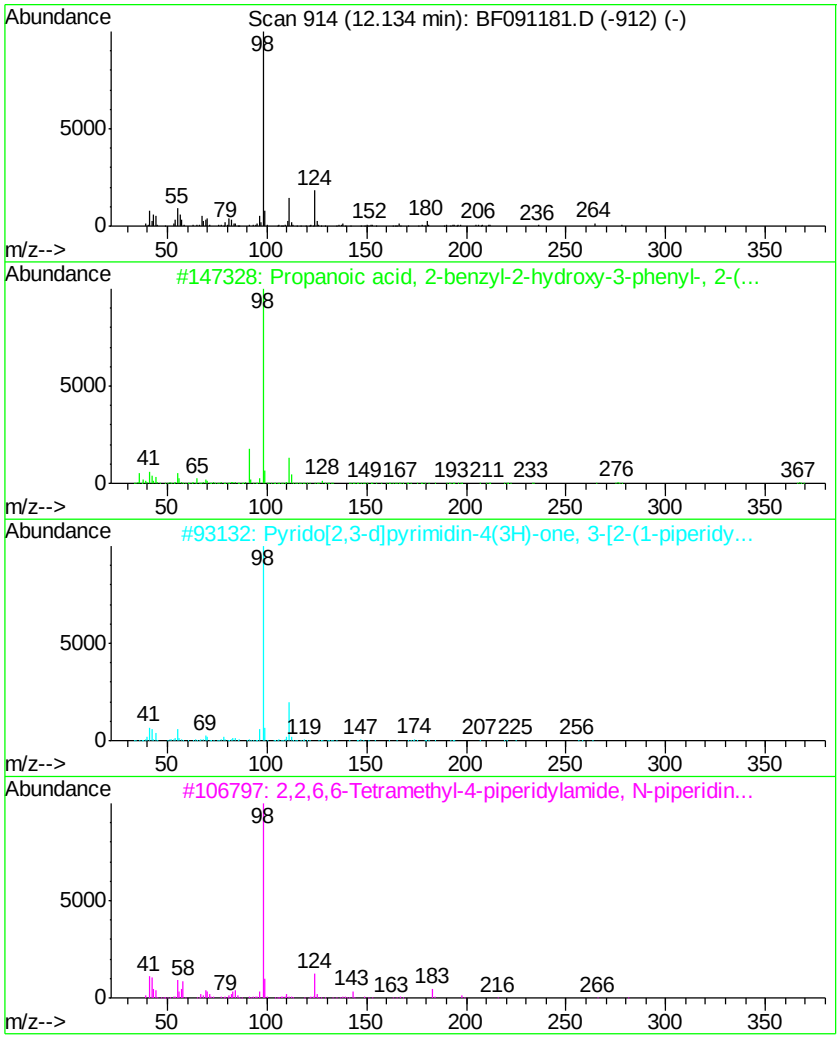
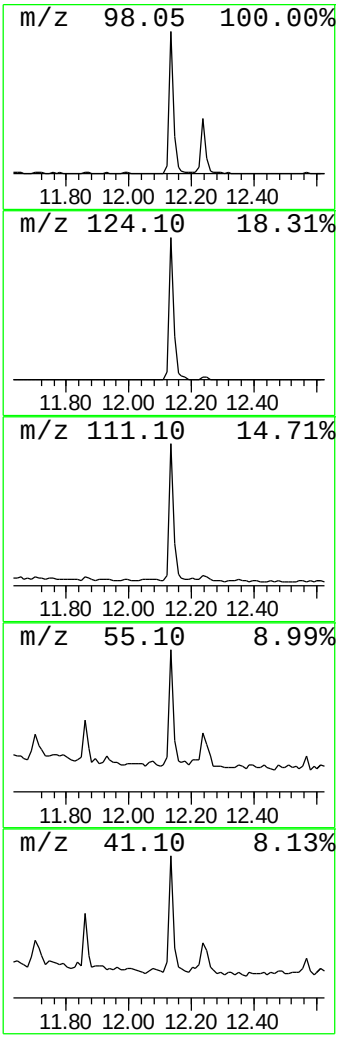
Peak Number 20 Propanoic acid, 2-benzyl-2-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.65 ng	231503	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-benzyl-2-hydro...	367	C23H29NO3	097508-25-3	64
2	Pyrido[2,3-d]pyrimidin-4(3H)-one...	258	C14H18N4O	161562-65-8	64
3	2,2,6,6-Tetramethyl-4-piperidyla...	281	C16H31N3O	109172-31-8	64
4	4H-1-Benzopyran-8-carboxylic aci...	391	C24H25NO4	015301-69-6	64
5	Benzamide, 2-amino-N-[2-(1-piper...	247	C14H21N3O	025940-23-2	64





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
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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	14.7	ng	690629	1	6.64	939751	20.0
unknown6.41	6.41	87.3	ng	4100360	1	6.64	939751	20.0
Benzene, 1,2-diet...	6.89	2.5	ng	115983	1	6.64	939751	20.0
unknown6.98	6.98	2.9	ng	137691	1	6.64	939751	20.0
Naphthalene, 1,2,...	8.30	2.5	ng	188247	2	7.92	1522550	20.0
Naphthalene, 1,2,...	8.58	2.9	ng	216677	2	7.92	1522550	20.0
Naphthalene, 1-me...	8.73	3.3	ng	253433	2	7.92	1522550	20.0
5H-Benzocyclohept...	8.84	2.4	ng	210539	3	9.66	1760760	20.0
Naphthalene, 1-et...	9.21	3.5	ng	309378	3	9.66	1760760	20.0
Naphthalene, 2,7-...	9.26	3.1	ng	275348	3	9.66	1760760	20.0
Naphthalene, 1,3-...	9.53	3.1	ng	271424	3	9.66	1760760	20.0
Naphthalene, 1,6,...	9.87	2.6	ng	228410	3	9.66	1760760	20.0
1-Isopropenylnaph...	10.28	6.7	ng	588101	3	9.66	1760760	20.0
9H-Fluorene, 1-me...	10.79	3.5	ng	301334	4	11.15	1746290	20.0
Dibenzothiophene	11.05	4.1	ng	356932	4	11.15	1746290	20.0
Propanoic acid, 2...	12.13	2.6	ng	231503	4	11.15	1746290	20.0