LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091199.D
Acq On : 16 Nov 2016 20:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 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	4.739	264	267	278	rBV	553583	776738	11.78%	1.397%
2	5.196	305	307	318	rBV	1708990	2307205	34.99%	4.150%
3	6.270	399	401	409	rBV	1423243	1545786	23.44%	2.780%
4	6.385	409	411	414	rBV	3969011	4118323	62.45%	7.407%
5	6.556	424	426	430	rBV2	42895	93705	1.42%	0.169%
6	6.613	430	431	442	rVB	784454	1062594	16.11%	1.911%
7	6.773	442	445	448	rBV	4343438	4275584	64.83%	7.690%
8	6.876	453	454	459	rVV	92476	128272	1.95%	0.231%
9	6.967	459	462	464	rVV2	92556	158667	2.41%	0.285%
10	7.013	464	466	474	rVB2	41680	81909	1.24%	0.147%
11	7.196	479	482	484	rVV	3301444	3828603	58.06%	6.886%
12	7.276	488	489	491	rVV	117068	121026	1.84%	0.218%
13	7.310	491	492	497	rVV3	52085	124175	1.88%	0.223%
14	7.379	497	498	504	rVB5	53001	137521	2.09%	0.247%
15	7.516	509	510	513	rBV	47246	89275	1.35%	0.161%
16	7.562	513	514	516	rVV2	63266	84910	1.29%	0.153%
17	7.653	519	522	524	rBV	109959	132190	2.00%	0.238%
18	7.722	524	528	532	rBV4	33178	113125	1.72%	0.203%
19	7.905	542	544	547	rBV	1660898	1710237	25.93%	3.076%
20	7.962	547	549	550	rVB	178233	200036	3.03%	0.360%
21	8.042	554	556	557	rBV2	75744	69655	1.06%	0.125%
22	8.110	560	562	564	rBV3	48194	74814	1.13%	0.135%
23	8.190	567	569	572	rBV4	121486	185212	2.81%	0.333%
24	8.293	576	578	581	rVB	156865	203218	3.08%	0.366%
25	8.350	581	583	584	rBV	184838	264399	4.01%	0.476%
26	8.385	584	586	587	rVV	162445	204853	3.11%	0.368%
27	8.476	590	594	595	rVB2	112508	178967	2.71%	0.322%
28	8.499	595	596	598	rBV2	79407	110542	1.68%	0.199%
29	8.568	598	602	604	rVB3	129914	219708	3.33%	0.395%
30	8.602	604	605	608	rVB2	124016	127539	1.93%	0.229%
31	8.716	611	615	617	rBV2	149600	263112	3.99%	0.473%
32	8.751	617	618	621	rVB2	130153	174353	2.64%	0.314%
33	8.831	621	625	626	rBV3	94588	215506	3.27%	0.388%
34	8.853	626	627	632	rVB3	82164	158833	2.41%	0.286%

LSC Area Percent Report

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

35	8.945	632	635	636	rBV2	59784	113326	1.72%	0.204%
36	8.991	636	639	642	rBV	5200675	5696358	86.38%	10.246%
37	9.128	649	651	653	rVB2	108998	172505	2.62%	0.310%
38	9.196	653	657	659	rVB	202261	318258	4.83%	0.572%
39	9.253	659	662	665	rBV2	157661	285450	4.33%	0.513%
40	9.322	666	668	670	rVV	245845	296377	4.49%	0.533%
41	9.391	672	674	676	rVV	369510	355813	5.40%	0.640%
42	9.436	676	678	683	rVV2	337952	580055	8.80%	1.043%
43	9.516	683	685	688	rVB2	225928	291342	4.42%	0.524%
44	9.653	695	697	699	rBV	1459932	1877077	28.46%	3.376%
45	9.688	699	700	705	rVV3	120420	338726	5.14%	0.609%
46	9.779	705	708	709	rVV	181561	261632	3.97%	0.471%
47	9.813	709	711	712	rVV	154683	225075	3.41%	0.405%
48	9.871	712	716	717	rVV2	177395	437520	6.63%	0.787%
49	9.905	717	719	721	rVV	208212	268296	4.07%	0.483%
50	9.973	724	725	728	rVV	310522	439477	6.66%	0.790%
51	10.065	731	733	739	rVV4	127784	447048	6.78%	0.804%
52	10.156	739	741	743	rVV2	133998	178246	2.70%	0.321%
53	10.202	743	745	749	rVV2	282310	432736	6.56%	0.778%
54	10.271	749	751	754	rVV	460150	632881	9.60%	1.138%
55	10.316	754	755	758	rVV3	101718	204650	3.10%	0.368%
56	10.362	758	759	762	rVV2	117197	172088	2.61%	0.310%
57	10.454	764	767	769	rVV	3734606	4269176	64.74%	7.679%
58	10.488	769	770	773	rVB2	113917	162786	2.47%	0.293%
59	10.579	776	778	781	rVB	155442	219522	3.33%	0.395%
60	10.648	781	784	785	rBV	93390	104861	1.59%	0.189%
61	10.751	790	793	794	rVV	98341	150362	2.28%	0.270%
62	10.785	794	796	799	rVV	255695	378638	5.74%	0.681%
63	10.888	802	805	809	rBV4	84755	186586	2.83%	0.336%
64	11.002	813	815	816	rBV	36447	67812	1.03%	0.122%
65	11.036	816	818	822	rVB2	165098	322807	4.90%	0.581%
66	11.139	825	827	831	rBV	2041320	1830390	27.76%	3.292%
67	11.391	846	849	852	rVB3	96307	187473	2.84%	0.337%
68	11.448	852	854	858	rVV2	127214	202858	3.08%	0.365%
69	11.505	858	859	862	rVV	76829	95309	1.45%	0.171%
70	11.688	873	875	879	rVB4	54856	86927	1.32%	0.156%
71	11.859	886	890	894	rVB	60878	86369	1.31%	0.155%

LSC Area Percent Report

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Data File : BF091199.D
Acq On : 16 Nov 2016 20:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.134	911	914	916	rBV	176749	203487	3.09%	0.366%
73	12.225	921	922	926	rVB2	44322	78038	1.18%	0.140%
74	12.728	963	966	969	rBV	4825777	6594609	100.00%	11.861%
75	12.888	978	980	984	rVB	60639	79843	1.21%	0.144%
76	13.642	1043	1046	1051	rBV	54990	86754	1.32%	0.156%
77	13.768	1055	1057	1060	rBV	1297264	1474774	22.36%	2.653%
78	15.140	1174	1177	1180	rBV	1007030	1162429	17.63%	2.091%

Sum of corrected areas: 55597338

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
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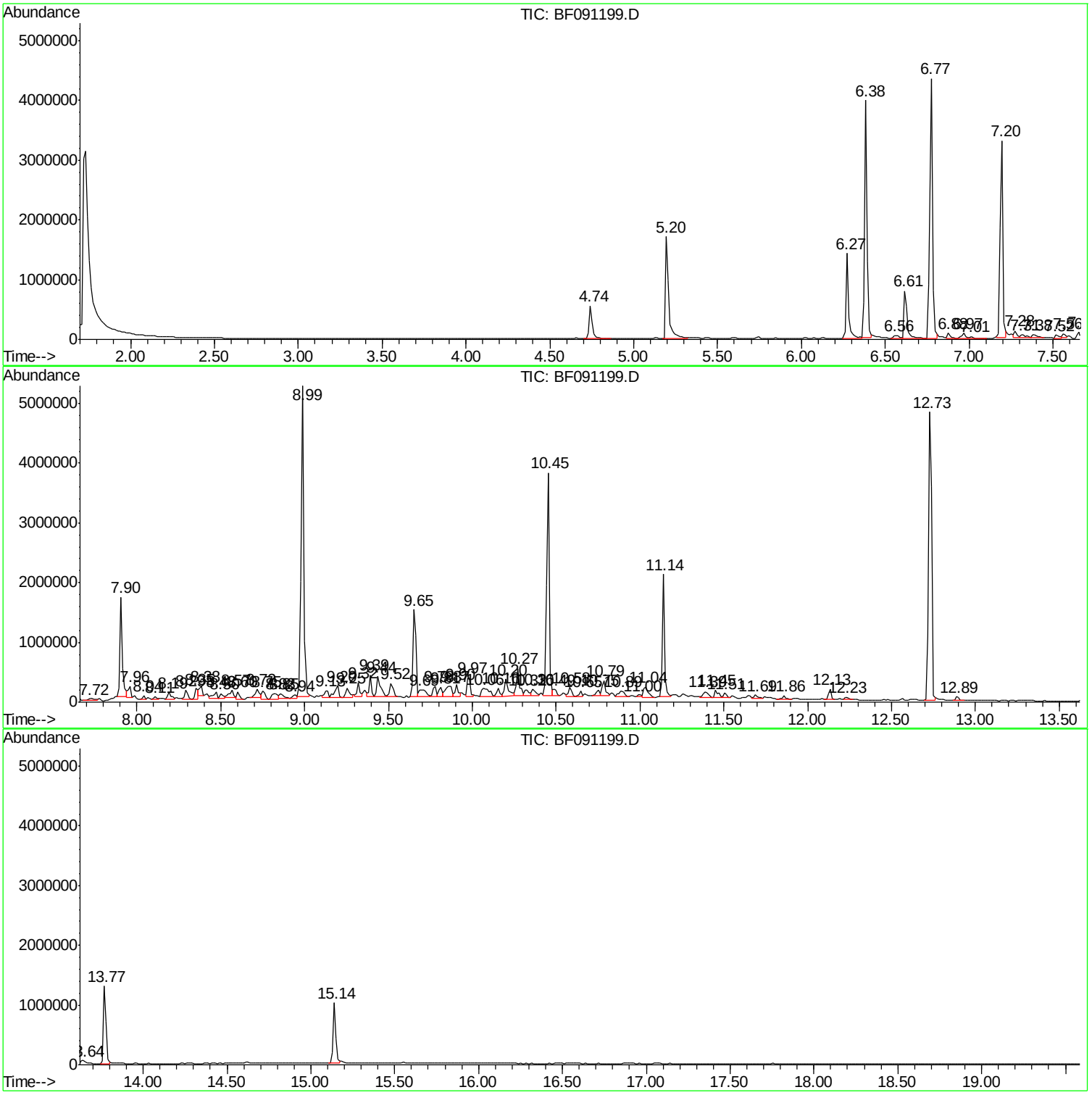
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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\BF111616\
Data File : BF091199.D
Acq On : 16 Nov 2016 20:22
Operator : UM/SJ
Sample : H5636-08
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ALS Vial : 14 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

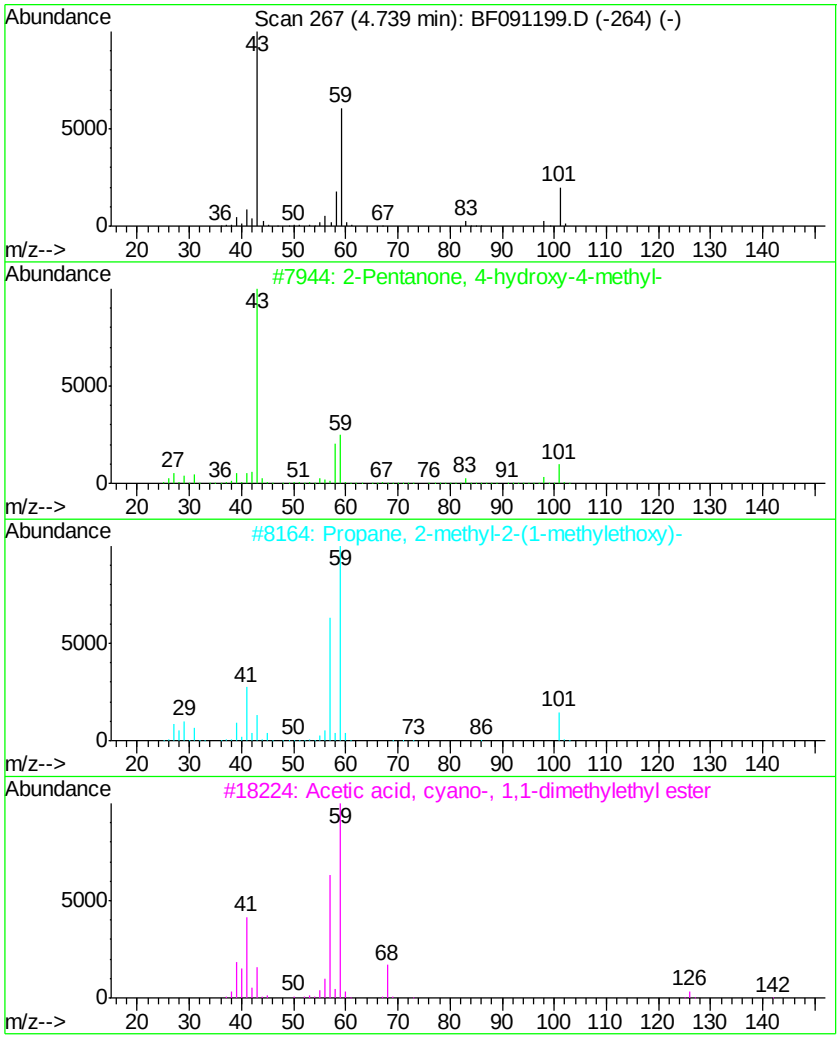
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

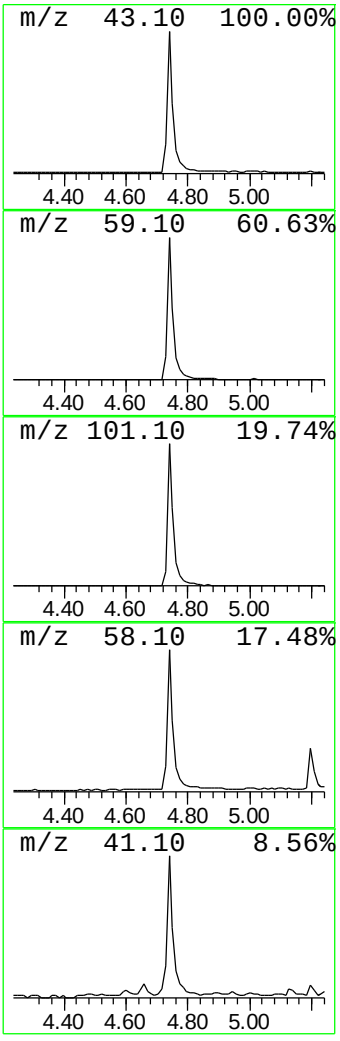
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	14.62 ng	776738	1,4-Dichlorobenzene-d4	6.61

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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091199.D
Acq On : 16 Nov 2016 20:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 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

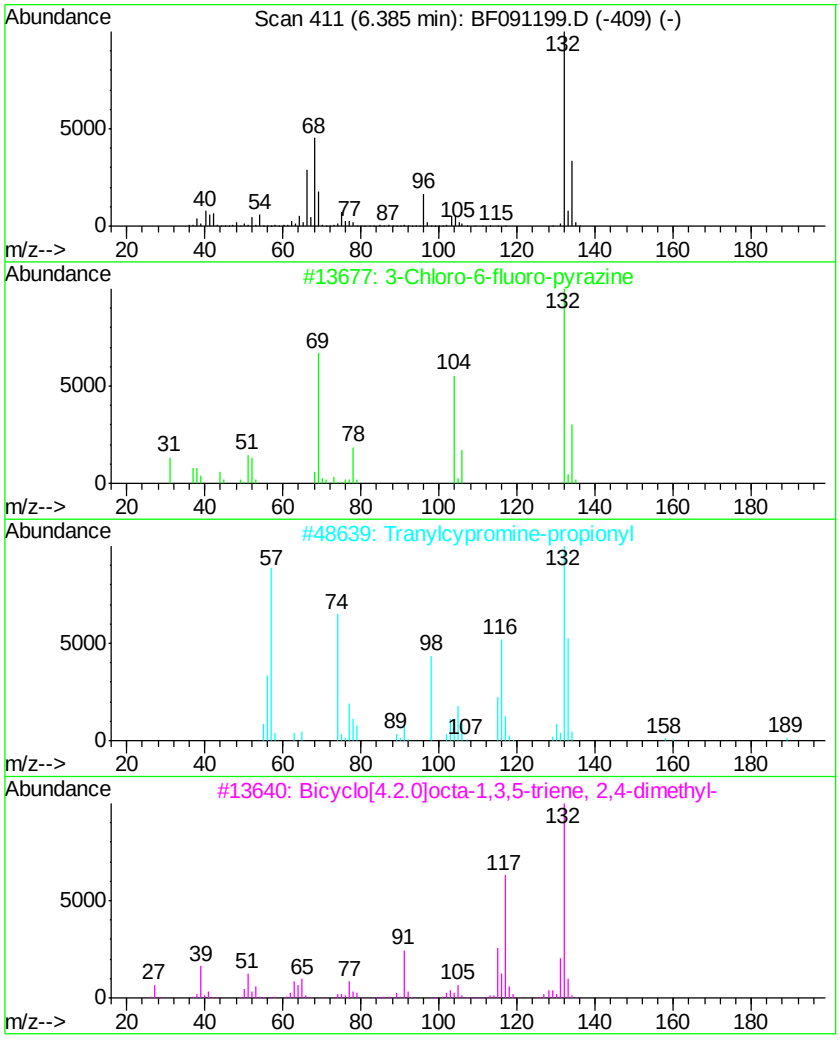
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

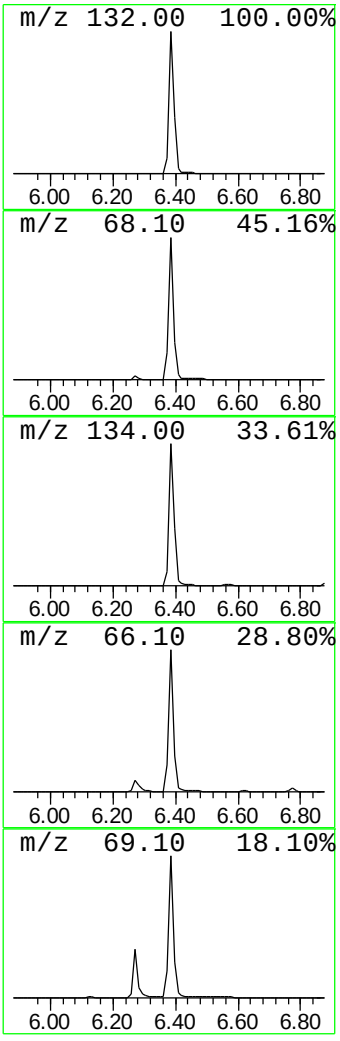
****

Peak Number 2 unknown6.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	77.51 ng	4118320	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091199.D
Acq On : 16 Nov 2016 20:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 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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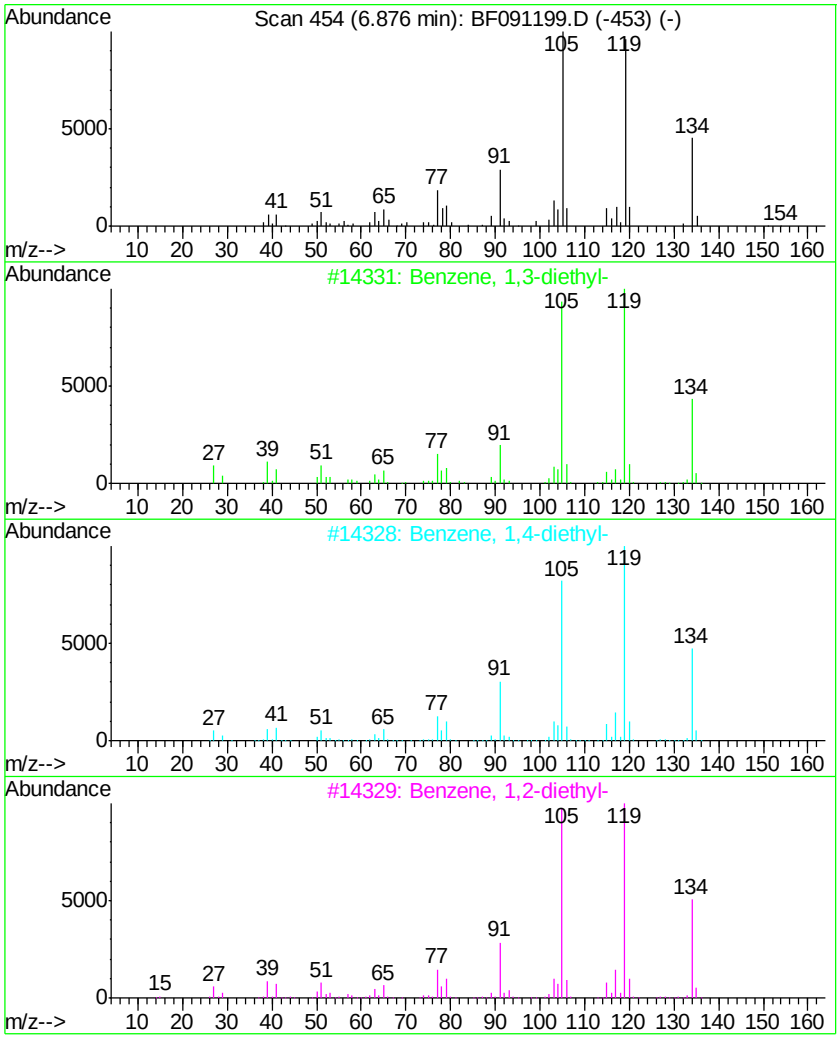
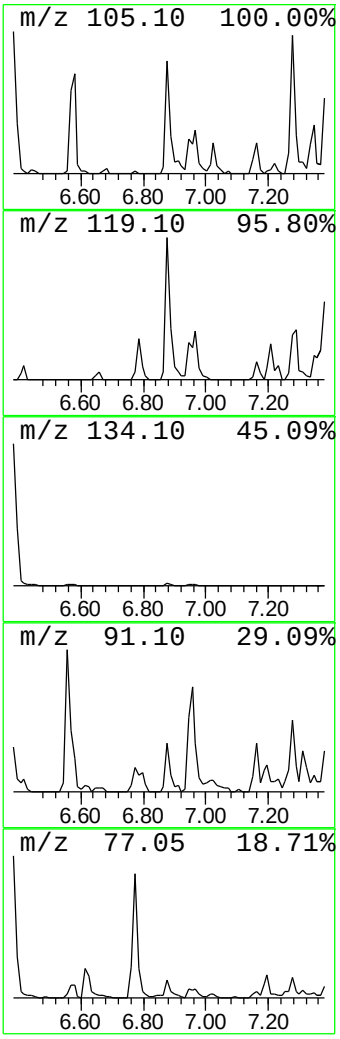
Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	2.41 ng	128272	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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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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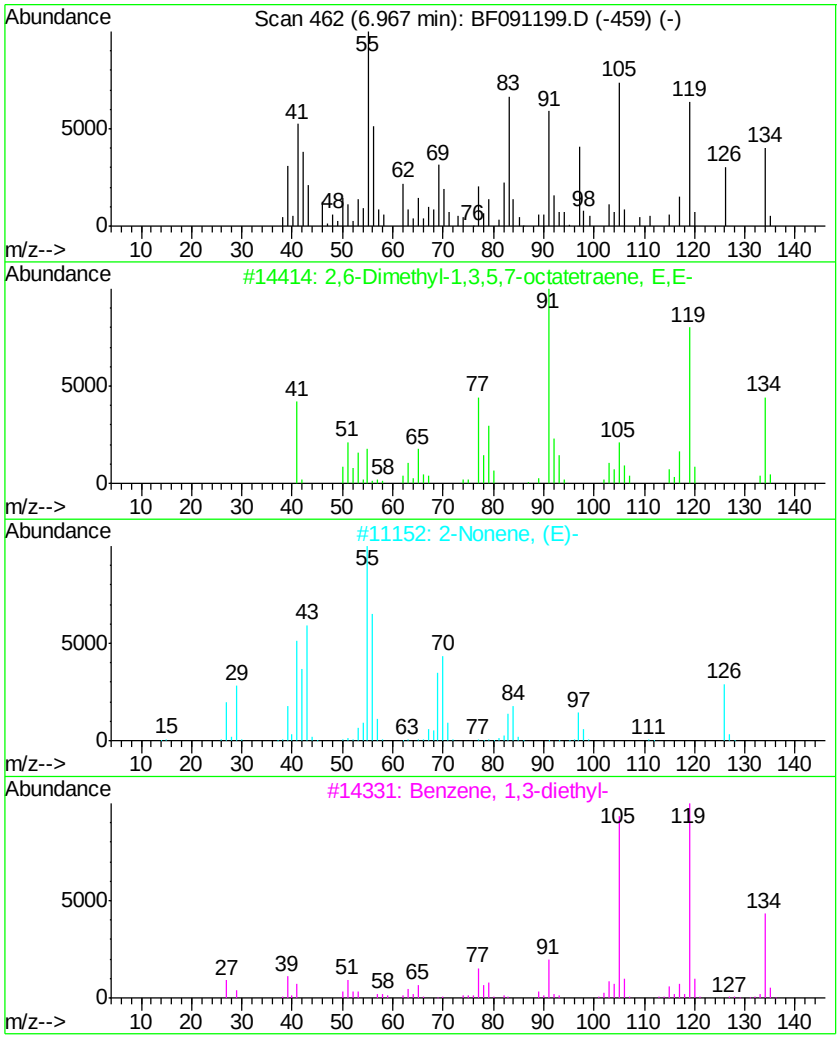
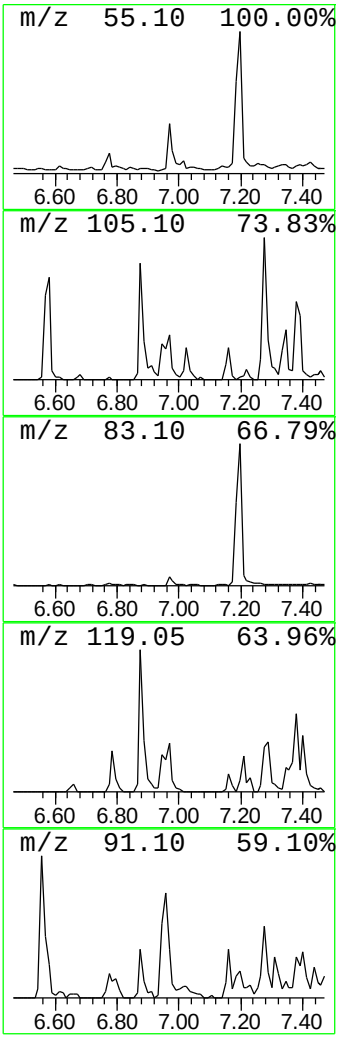
Peak Number 5 2,6-Dimethyl-1,3,5,7-octate... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	2.99 ng	158667	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	55
2	2-Nonene, (E)-	126	C9H18	006434-78-2	25
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	25
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	25
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	25





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Sample : H5636-08
Misc :
ALS Vial : 14 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

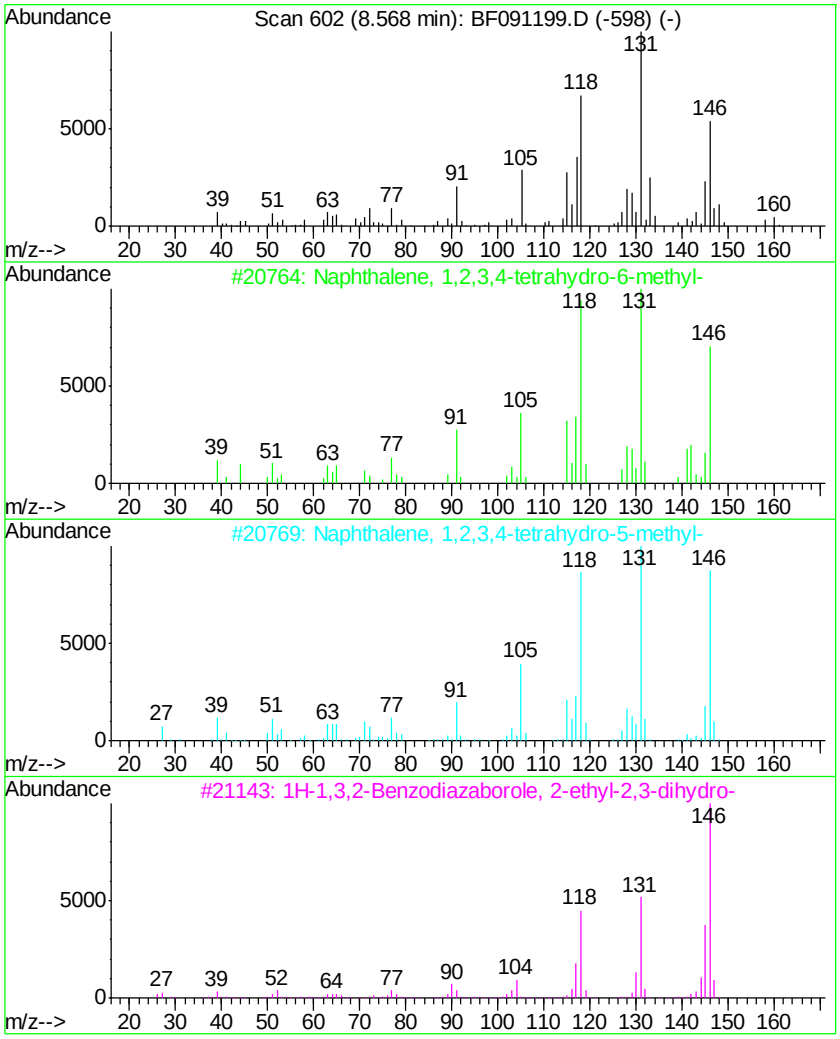
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

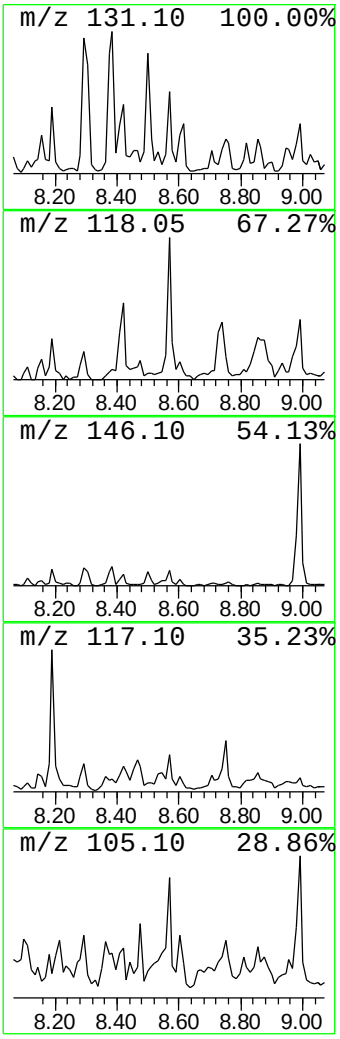
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	2.57 ng	219708	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
4	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	53
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091199.D
Acq On : 16 Nov 2016 20:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 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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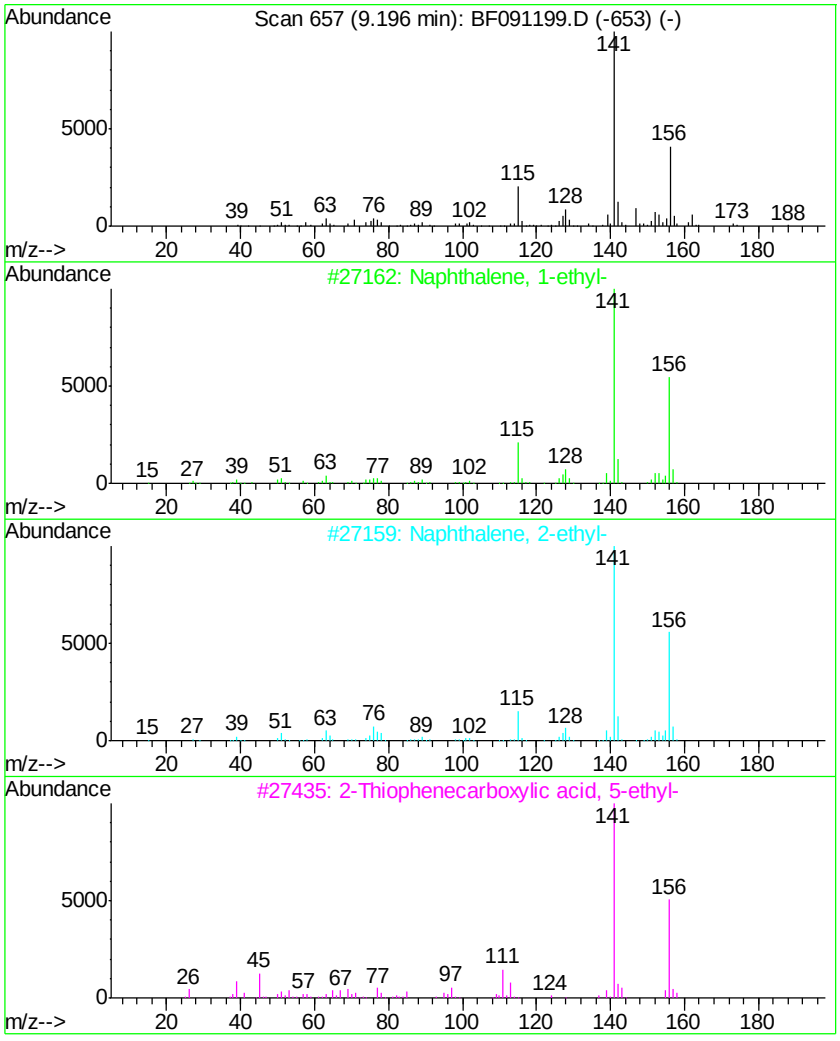
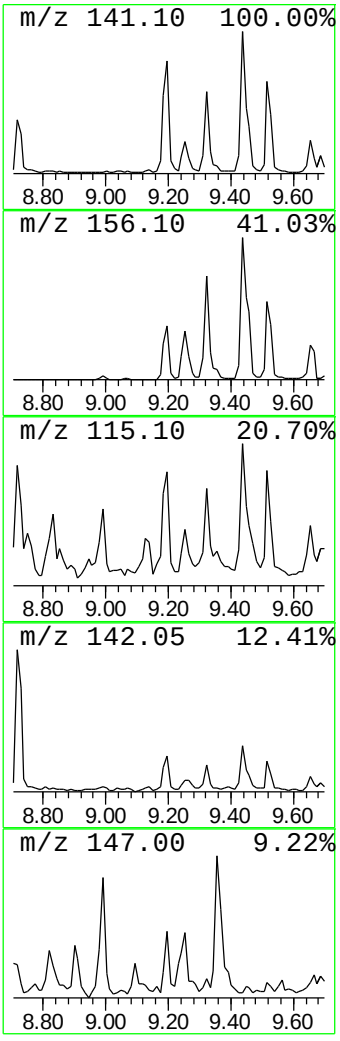
Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	3.39 ng	318258	Acenaphthene-d10	9.65

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	93
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
4	2',5'-Difluoroacetophenone	156	C8H6F2O	001979-36-8	53
5	Butethal	212	C10H16N2O3	000077-28-1	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091199.D
Acq On : 16 Nov 2016 20:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 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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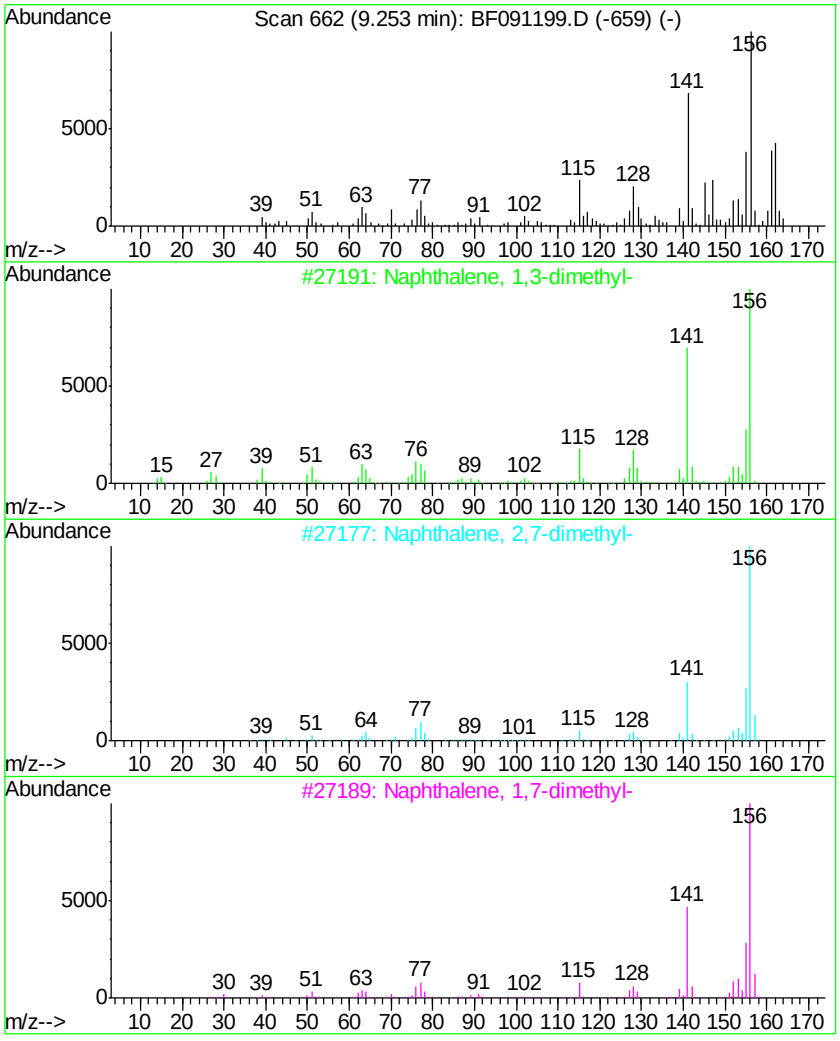
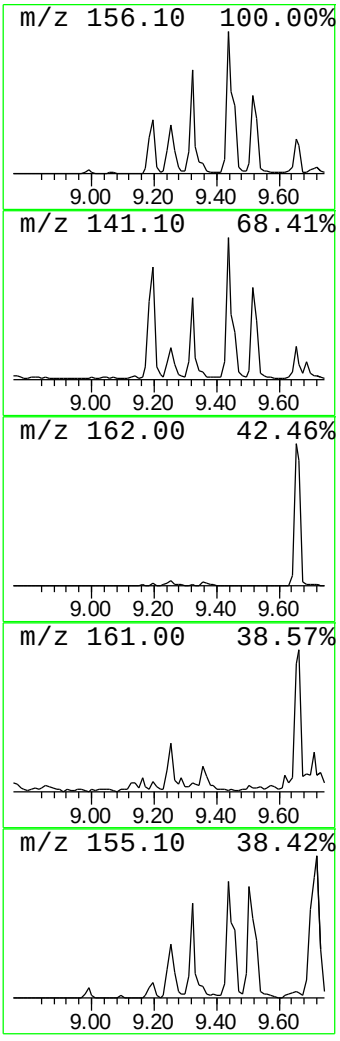
Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	3.04 ng	285450	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	78
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	70
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	70
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	60





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Data File : BF091199.D
Acq On : 16 Nov 2016 20:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 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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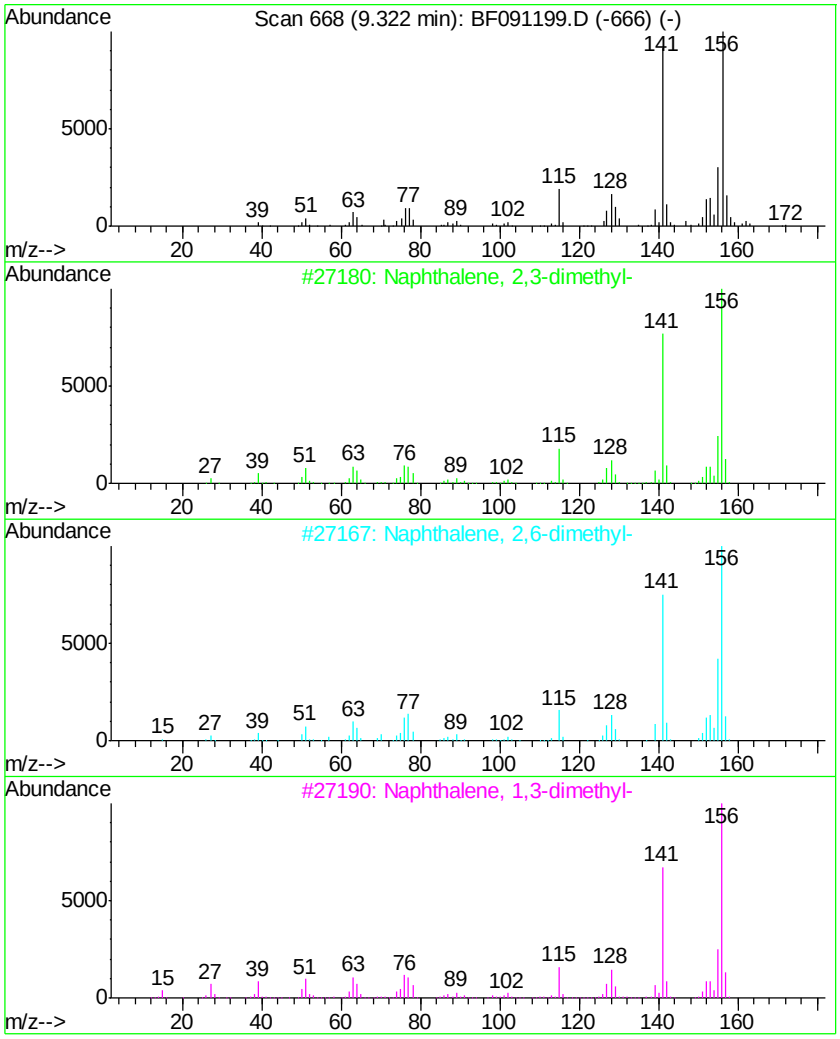
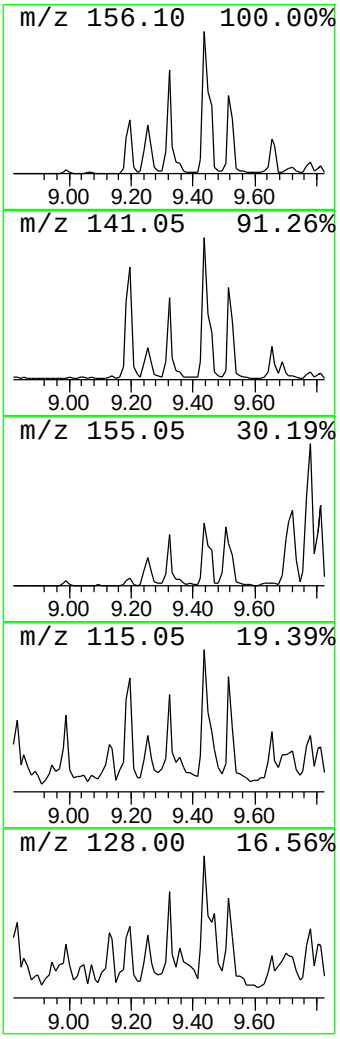
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	3.16 ng	296377	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 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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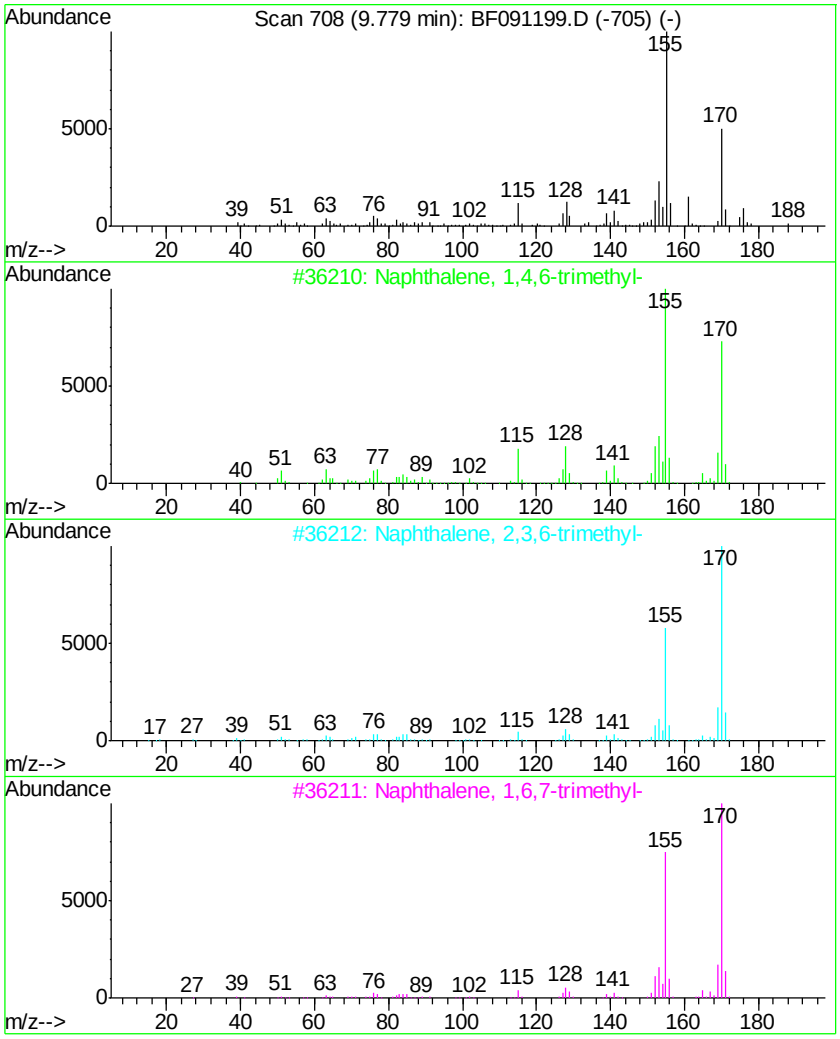
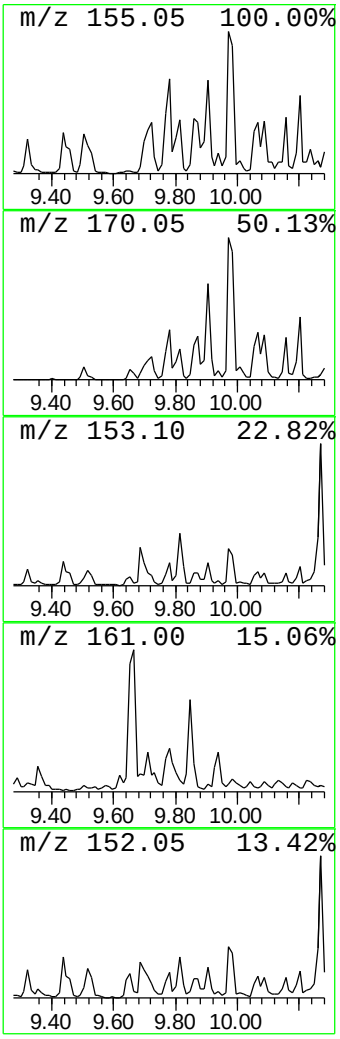
Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.79 ng	261632	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81





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Sample : H5636-08
Misc :
ALS Vial : 14 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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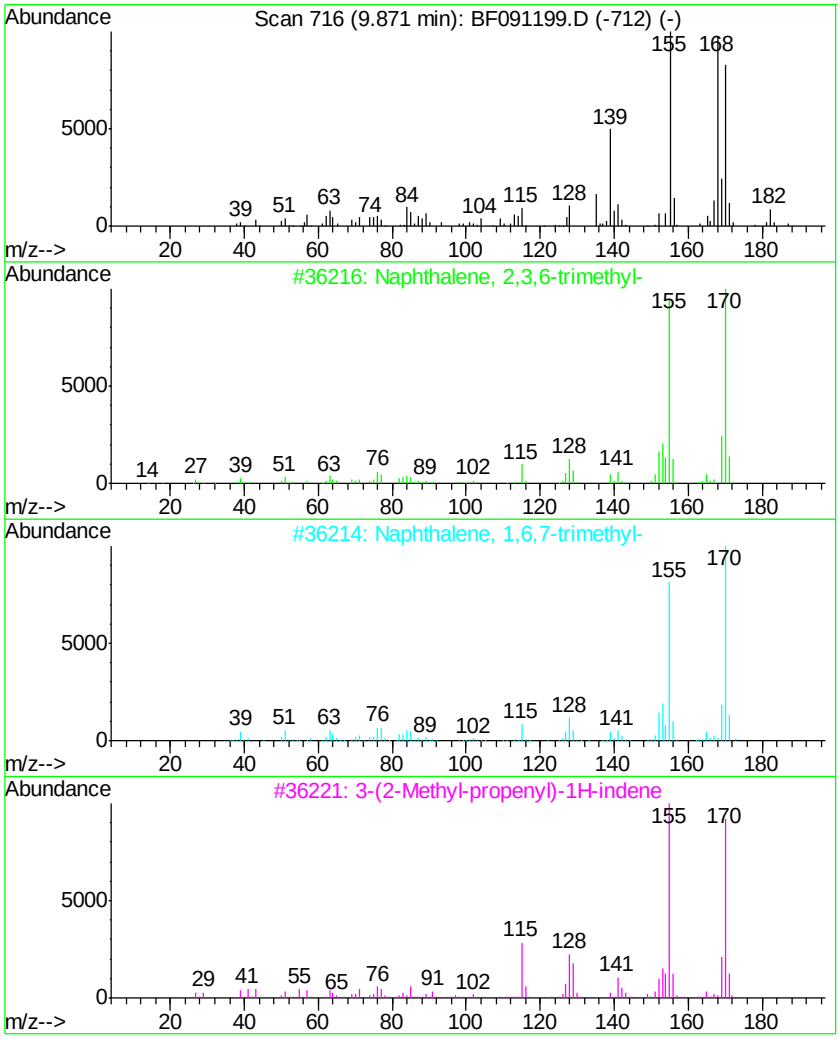
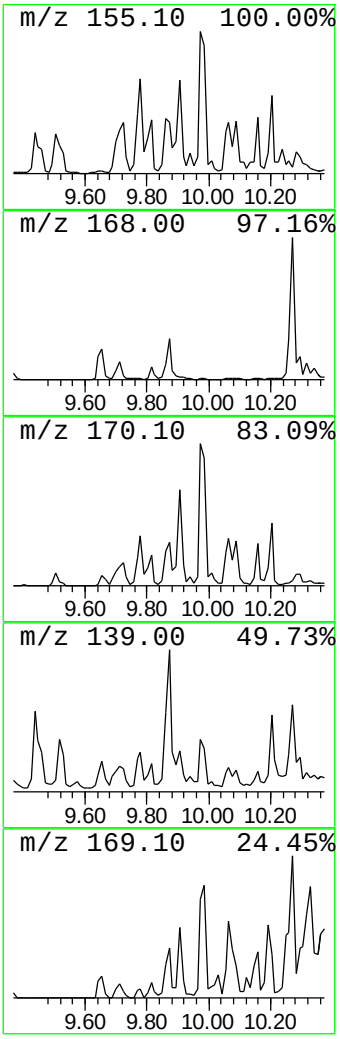
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	4.66 ng	437520	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	53
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	47
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	43
5	1'-Acetonaphthone	170	C12H10O	000941-98-0	38





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Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 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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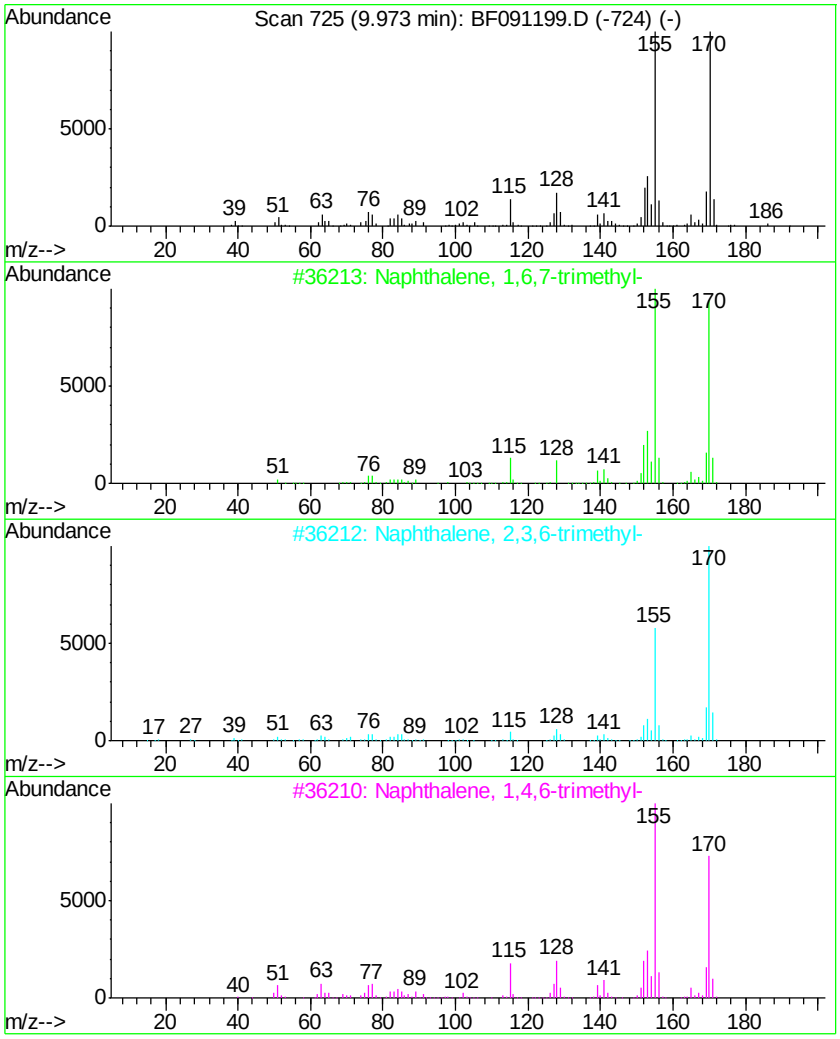
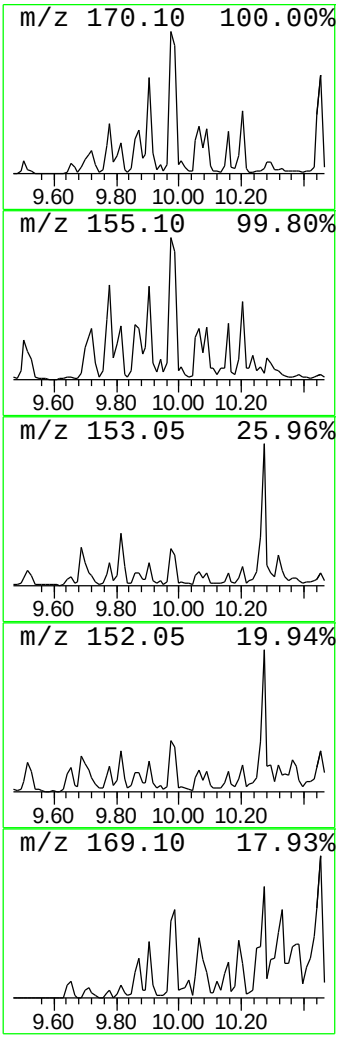
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	4.68 ng	439477	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	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	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Acq On : 16 Nov 2016 20:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 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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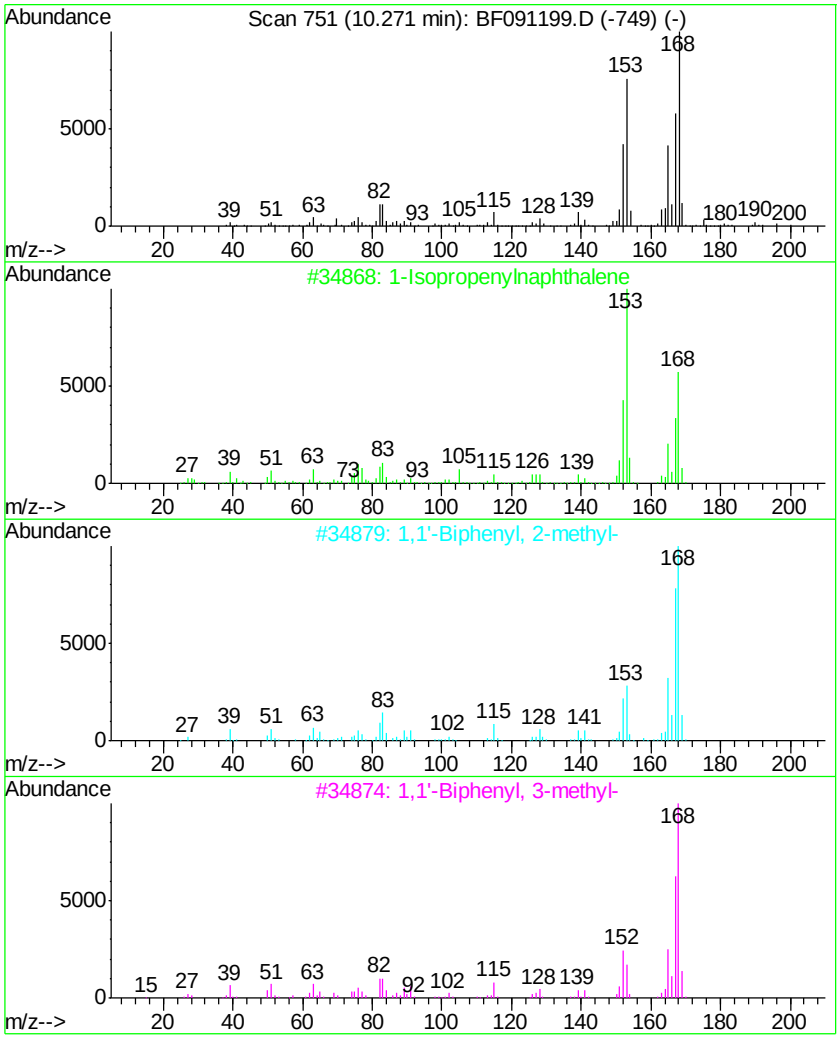
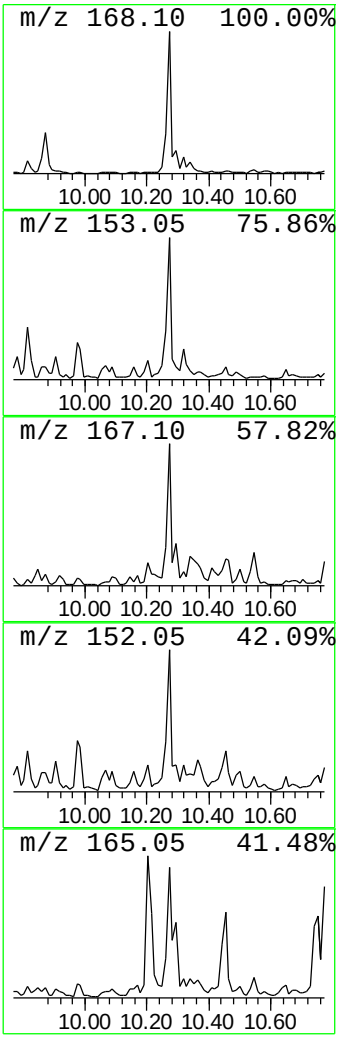
Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	6.74 ng	632881	Acenaphthene-d10	9.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	70
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
4	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
5	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091199.D
Acq On : 16 Nov 2016 20:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 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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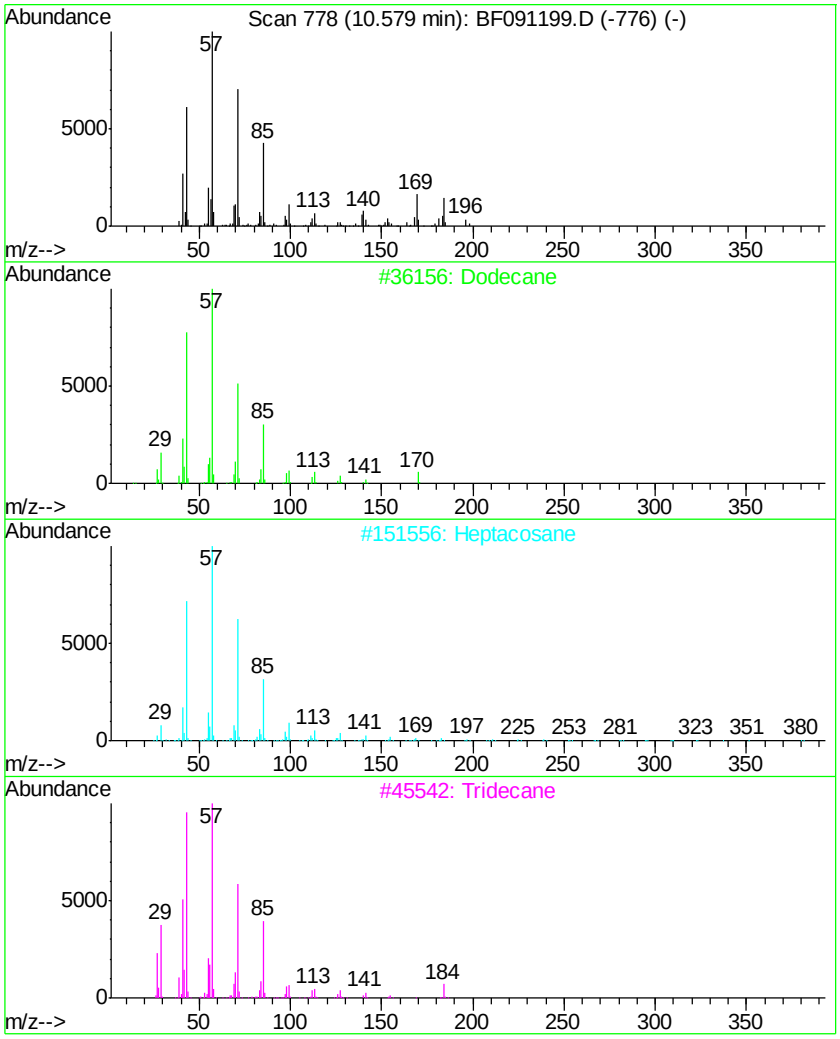
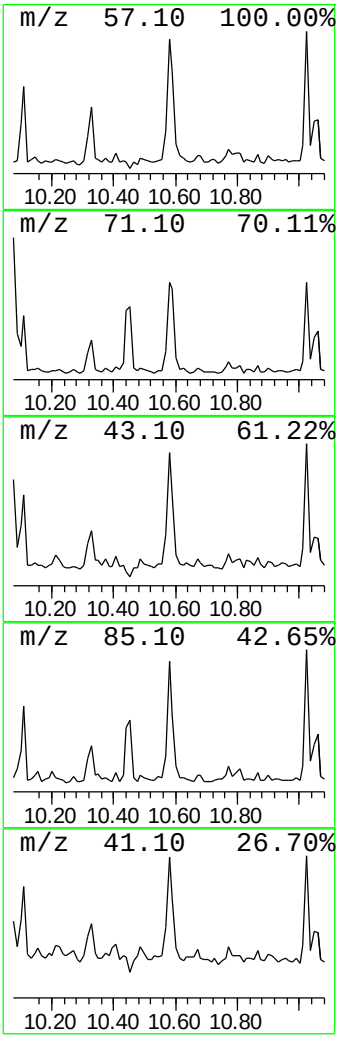
Peak Number 18 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.40 ng	219522	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	74
2	Heptacosane	380	C27H56	000593-49-7	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Tetracosane	338	C24H50	000646-31-1	68





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Acq On : 16 Nov 2016 20:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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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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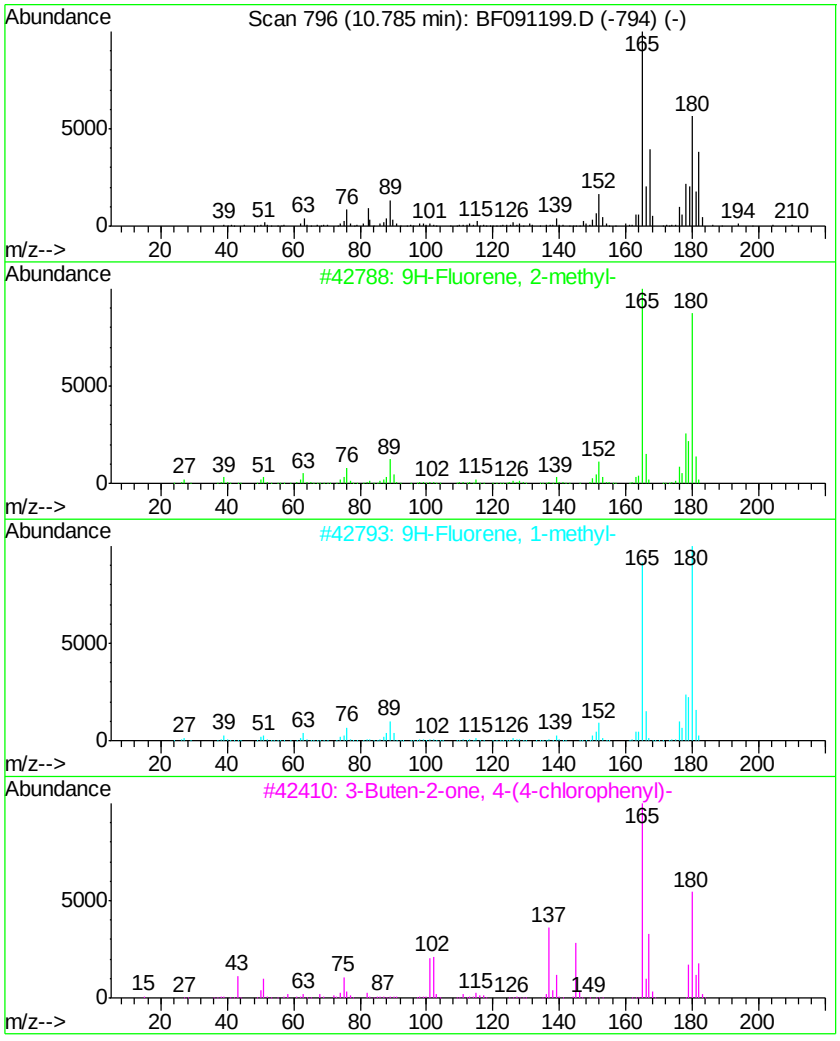
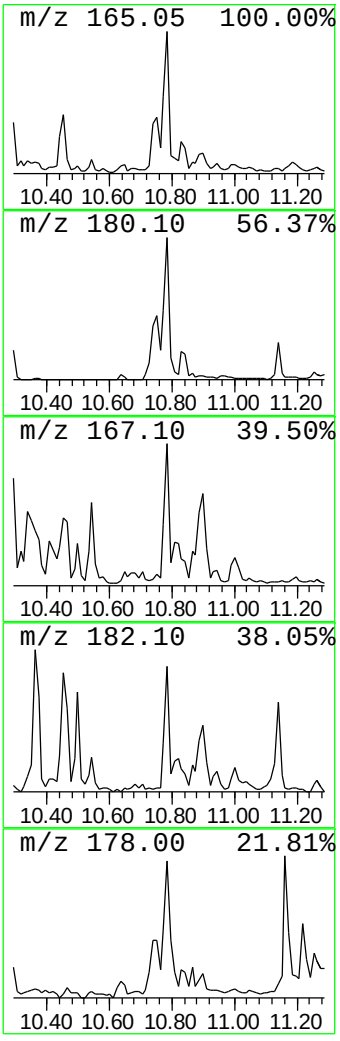
Peak Number 19 9H-Fluorene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	4.14 ng	378638	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	78
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78
3	3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	58
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	49





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Sample : H5636-08
Misc :
ALS Vial : 14 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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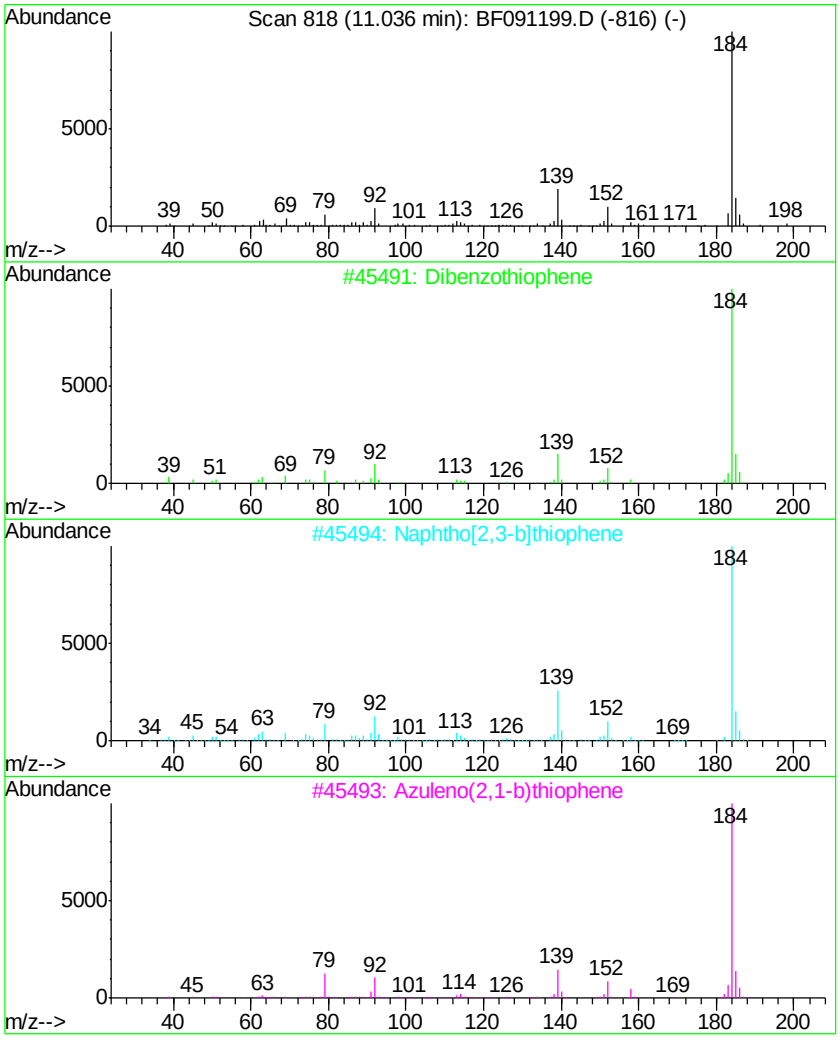
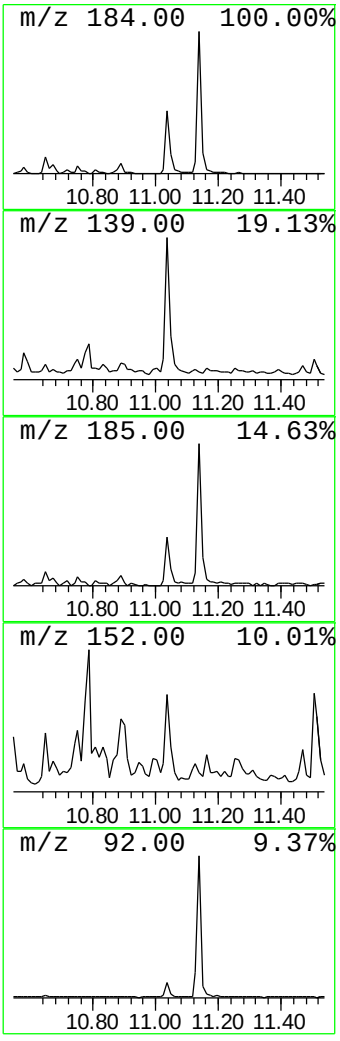
Peak Number 20 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	3.53 ng	322807	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
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	50
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091199.D
Acq On : 16 Nov 2016 20:22
Operator : UM/SJ
Sample : H5636-08
Misc :
ALS Vial : 14 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.74	14.6	ng	776738	1	6.61	1062590	20.0
unknown6.38	6.38	77.5	ng	4118320	1	6.61	1062590	20.0
Benzene, 1,3-diet...	6.88	2.4	ng	128272	1	6.61	1062590	20.0
2,6-Dimethyl-1,3,...	6.97	3.0	ng	158667	1	6.61	1062590	20.0
Naphthalene, 1,2,...	8.57	2.6	ng	219708	2	7.90	1710240	20.0
Naphthalene, 1-et...	9.20	3.4	ng	318258	3	9.65	1877080	20.0
Naphthalene, 1,3-...	9.25	3.0	ng	285450	3	9.65	1877080	20.0
Naphthalene, 2,3-...	9.32	3.2	ng	296377	3	9.65	1877080	20.0
Naphthalene, 1,4,...	9.78	2.8	ng	261632	3	9.65	1877080	20.0
Naphthalene, 2,3,...	9.87	4.7	ng	437520	3	9.65	1877080	20.0
Naphthalene, 1,6,...	9.97	4.7	ng	439477	3	9.65	1877080	20.0
1-Isopropenylnaph...	10.27	6.7	ng	632881	3	9.65	1877080	20.0
Dodecane	10.58	2.4	ng	219522	4	11.14	1830390	20.0
9H-Fluorene, 2-me...	10.79	4.1	ng	378638	4	11.14	1830390	20.0
Dibenzothiophene	11.04	3.5	ng	322807	4	11.14	1830390	20.0