LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085152.D
Acq On : 3 Mar 2016 6:29
Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

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-BF030116.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	2.355	3	6	18	rVB	36155	99313	1.21%	0.132%
2	2.595	24	27	30	rVB	95839	134292	1.64%	0.179%
3	4.436	185	188	191	rBV	83957	92374	1.13%	0.123%
4	4.710	209	212	215	rBV	1860624	2102347	25.63%	2.796%
5	5.190	252	254	260	rVB	389553	429906	5.24%	0.572%
6	5.590	285	289	292	rBV	2486051	2895525	35.30%	3.851%
7	5.739	300	302	304	rBV	203312	174728	2.13%	0.232%
8	5.830	307	310	315	rVB3	129141	192951	2.35%	0.257%
9	6.516	368	370	371	rBV	108875	94241	1.15%	0.125%
10	6.607	374	378	380	rVV	1989671	2024014	24.68%	2.692%
11	6.756	388	391	393	rBV	4692253	4625815	56.40%	6.153%
12	6.813	394	396	398	rVB	555274	441416	5.38%	0.587%
13	6.984	409	411	415	rBV	1121419	1263269	15.40%	1.680%
14	7.042	415	416	419	rVV	436738	525679	6.41%	0.699%
15	7.144	422	425	429	rVV	4083734	5021766	61.22%	6.679%
16	7.247	431	434	438	rVV	236851	305456	3.72%	0.406%
17	7.304	438	439	442	rVV	145593	151826	1.85%	0.202%
18	7.384	445	446	449	rVB	121779	113210	1.38%	0.151%
19	7.556	456	461	463	rVV	3661509	4571526	55.73%	6.081%
20	7.636	465	468	469	rVV2	62430	107987	1.32%	0.144%
21	7.670	469	471	475	rVV4	55758	144535	1.76%	0.192%
22	7.762	477	479	480	rVV	83088	96951	1.18%	0.129%
23	7.785	480	481	484	rVB	161554	145403	1.77%	0.193%
24	7.945	492	495	497	rBV2	93413	130441	1.59%	0.174%
25	8.013	497	501	503	rVV3	271994	366490	4.47%	0.487%
26	8.059	503	505	508	rVV2	82827	146064	1.78%	0.194%
27	8.299	520	526	528	rVV2	5989838	8202382	100.00%	10.910%
28	8.345	528	530	532	rVV	417692	382127	4.66%	0.508%
29	8.436	535	538	543	rVB5	36288	89566	1.09%	0.119%
30	8.619	551	554	556	rBV	519872	489475	5.97%	0.651%
31	8.939	579	582	584	rBV	115587	123742	1.51%	0.165%
32	8.985	584	586	589	rVB	2441385	2644998	32.25%	3.518%
33	9.042	589	591	592	rBV	100866	106986	1.30%	0.142%
34	9.088	592	595	597	rVB	1978933	1831506	22.33%	2.436%

LSC Area Percent Report

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Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

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-BF030116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.248	606	609	613	rVB5	37562	85861	1.05%	0.114%
36	9.350	615	618	621	rBV	5950759	6474322	78.93%	8.612%
37	9.453	624	627	629	rVB	532715	555433	6.77%	0.739%
38	9.522	629	633	634	rBV3	44754	100656	1.23%	0.134%
39	9.545	634	635	638	rVB	210604	218721	2.67%	0.291%
40	9.613	638	641	643	rBV	306083	400003	4.88%	0.532%
41	9.682	645	647	649	rBV	397387	565328	6.89%	0.752%
42	9.716	649	650	652	rVB	281519	209427	2.55%	0.279%
43	9.808	654	658	662	rBV	170426	302277	3.69%	0.402%
44	9.888	662	665	667	rBV	305131	300494	3.66%	0.400%
45	10.036	673	678	679	rBV	1321895	2036443	24.83%	2.709%
46	10.059	679	680	682	rVV	2236967	2232523	27.22%	2.969%
47	10.185	689	691	693	rBV	87648	89011	1.09%	0.118%
48	10.230	693	695	697	rVB	1392649	1241237	15.13%	1.651%
49	10.436	709	713	716	rBV2	73548	123137	1.50%	0.164%
50	10.573	723	725	728	rVB	1577435	1501876	18.31%	1.998%
51	10.665	728	733	734	rBV3	132083	302677	3.69%	0.403%
52	10.733	736	739	741	rVB2	149947	199201	2.43%	0.265%
53	10.825	743	747	749	rBV2	2934849	4307110	52.51%	5.729%
54	10.939	754	757	759	rVB	116766	149482	1.82%	0.199%
55	11.122	769	773	774	rBV2	80930	123198	1.50%	0.164%
56	11.316	785	790	793	rVV2	87195	143777	1.75%	0.191%
57	11.408	796	798	802	rVB	234047	212956	2.60%	0.283%
58	11.511	805	807	808	rBV	1430370	1683044	20.52%	2.239%
59	11.533	808	809	811	rVV	1535461	2050392	25.00%	2.727%
60	11.591	811	814	815	rVB2	105148	120398	1.47%	0.160%
61	11.739	824	827	829	rBV	122153	144282	1.76%	0.192%
62	11.899	838	841	843	rBV	419080	363654	4.43%	0.484%
63	12.082	855	857	859	rVV2	55070	83564	1.02%	0.111%
64	12.128	859	861	865	rVB2	165960	183550	2.24%	0.244%
65	12.722	911	913	915	rVB	285051	233177	2.84%	0.310%
66	12.951	931	933	935	rVB	128777	115449	1.41%	0.154%
67	13.099	943	946	949	rBV	5589250	5704946	69.55%	7.588%
68	14.151	1035	1038	1040	rBV	1271168	1234178	15.05%	1.642%
69	15.625	1164	1167	1170	rBV	907902	1121764	13.68%	1.492%

Sum of corrected areas: 75181855

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
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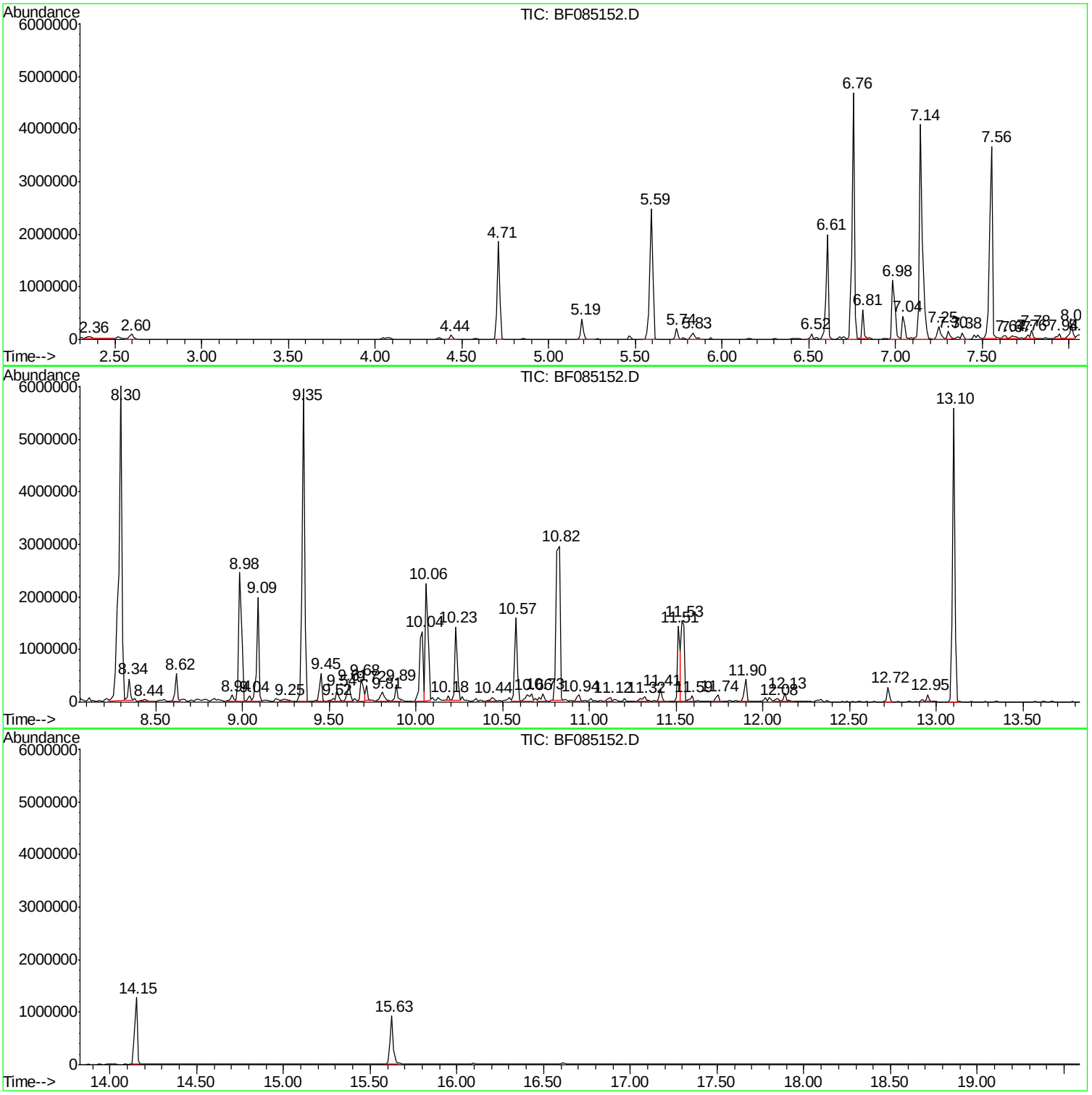
Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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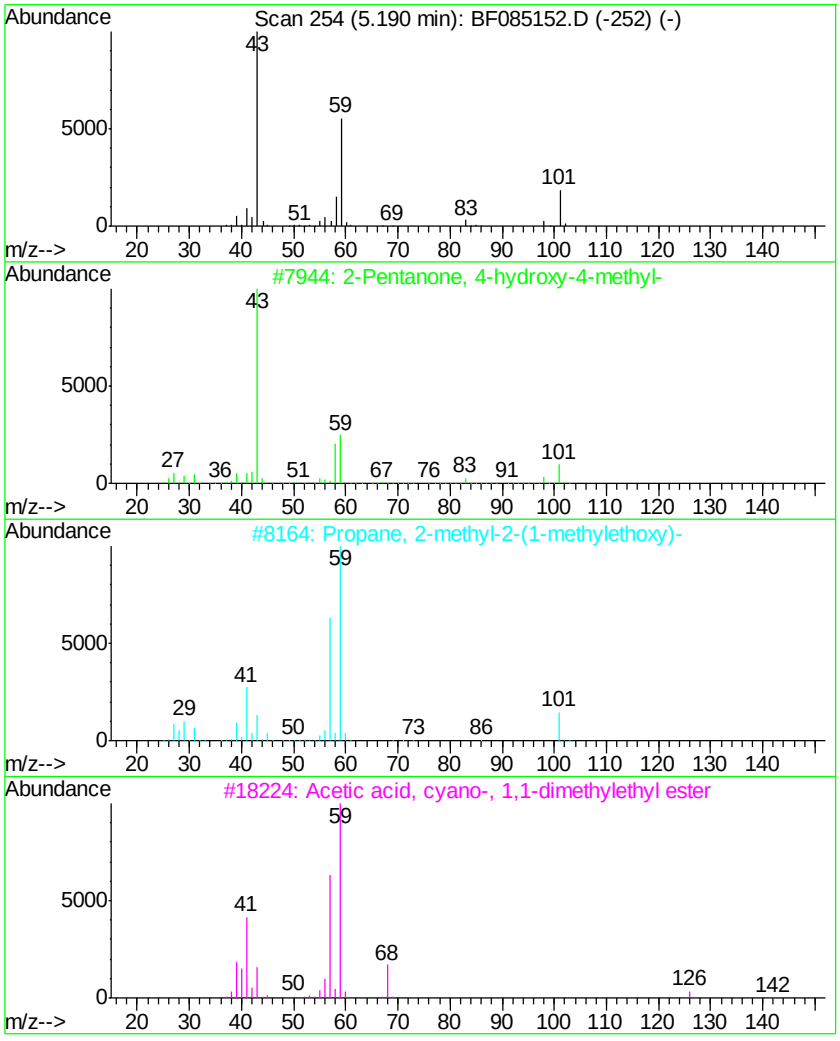
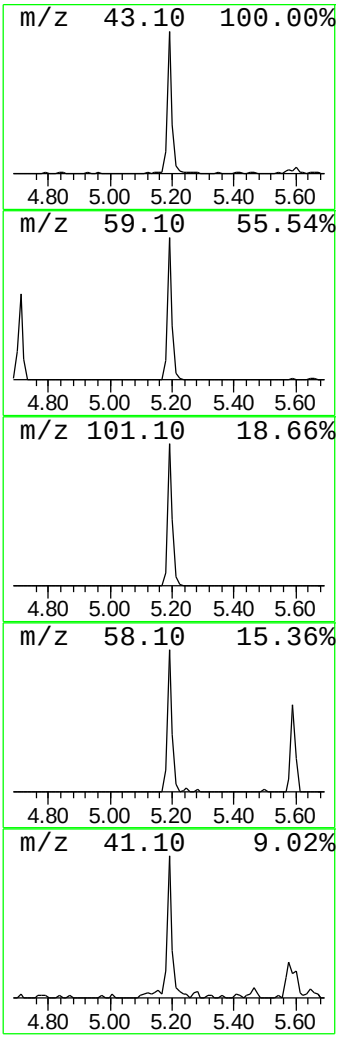
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	6.81 ng	429906	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085152.D
Acq On : 3 Mar 2016 6:29
Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

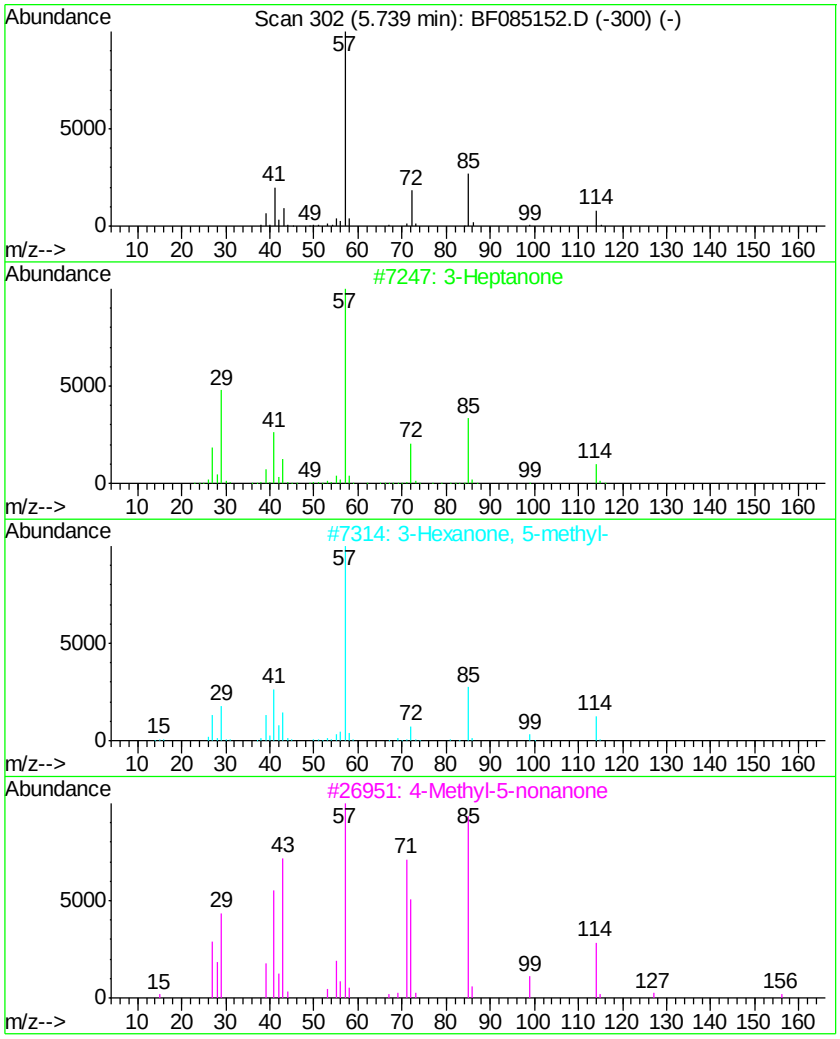
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

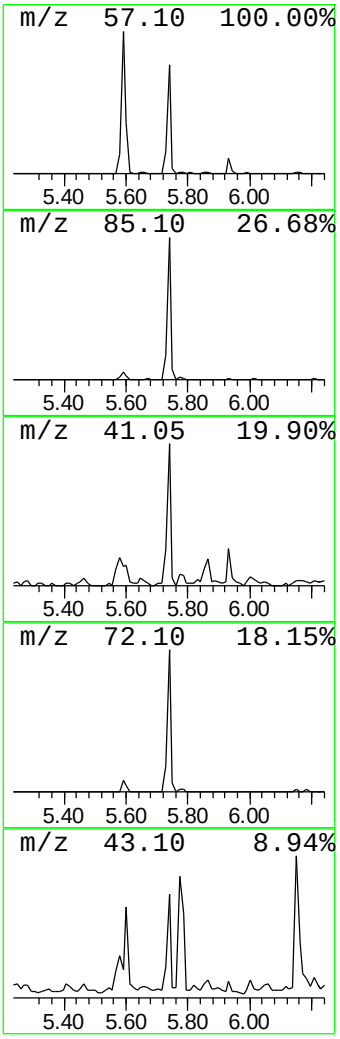
****

Peak Number 4 3-Heptanone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	2.77 ng	174728	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	90
2	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	50
3	4-Methyl-5-nonanone	156	C10H20O	035900-26-6	47
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	42
5	2-Butanone, 1-bromo-3,3-dimethyl-	178	C6H11BrO	005469-26-1	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085152.D
Acq On : 3 Mar 2016 6:29
Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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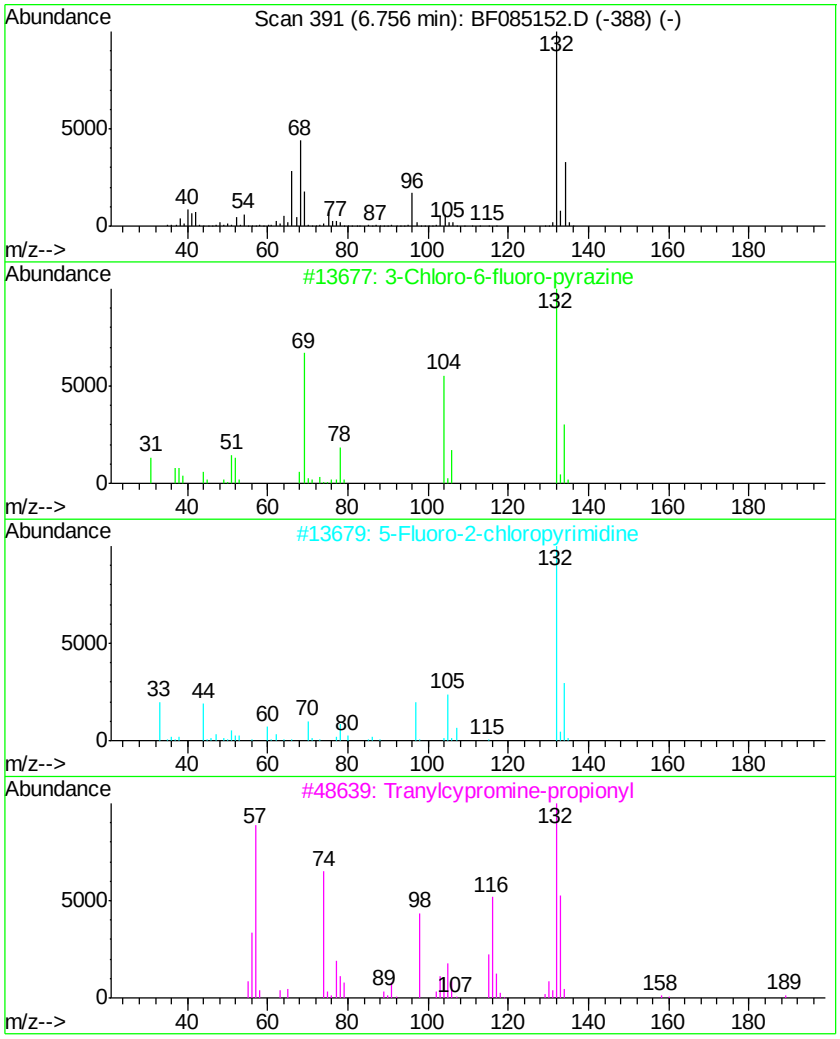
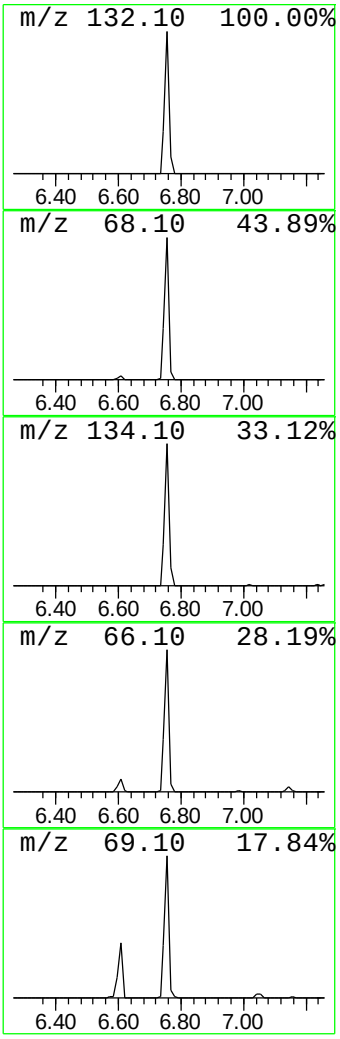
Peak Number 6 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	73.24 ng	4625820	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Data File : BF085152.D
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Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
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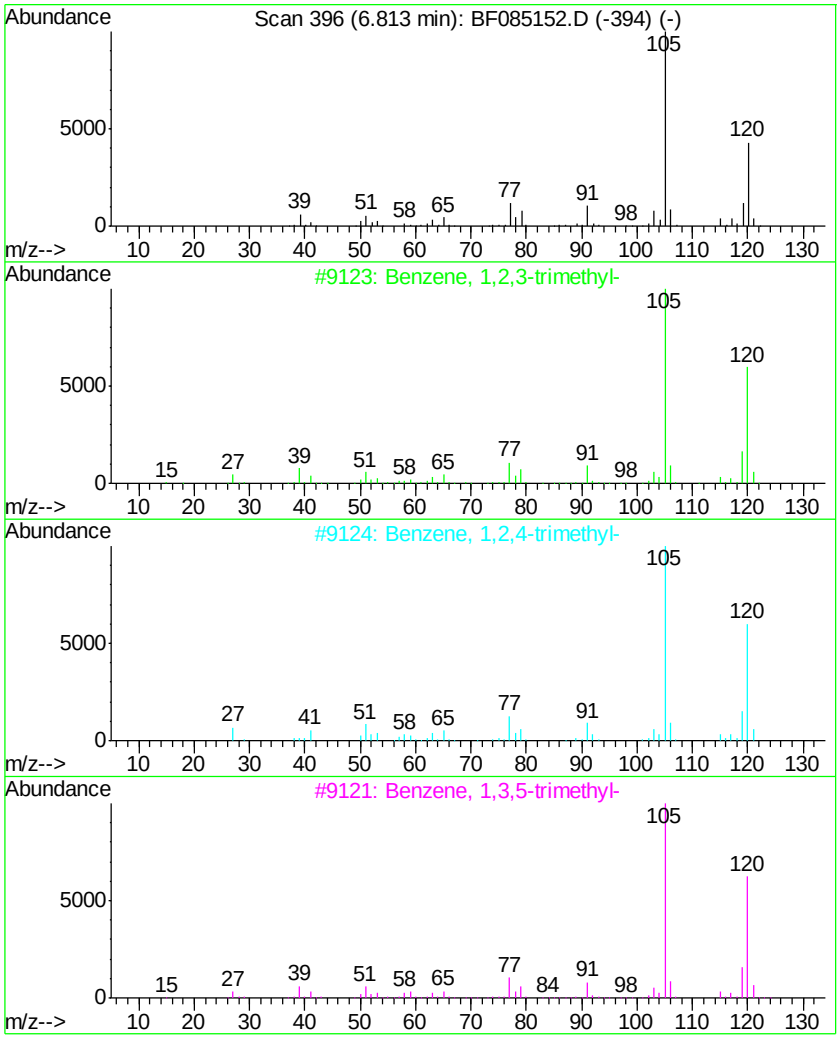
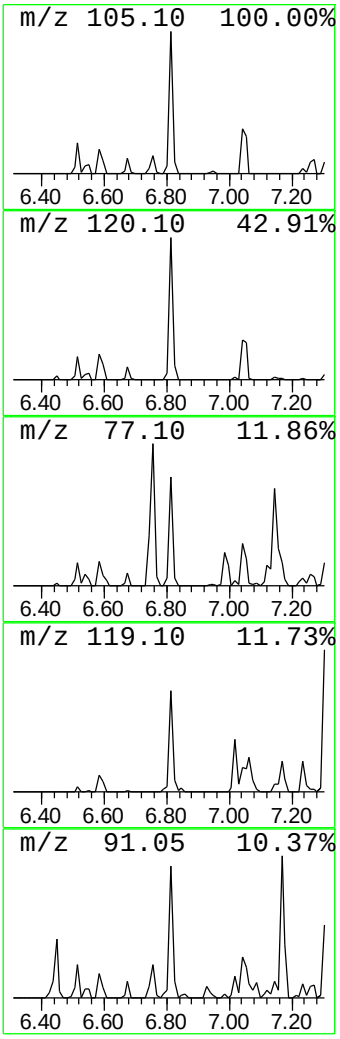
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	6.99 ng	441416	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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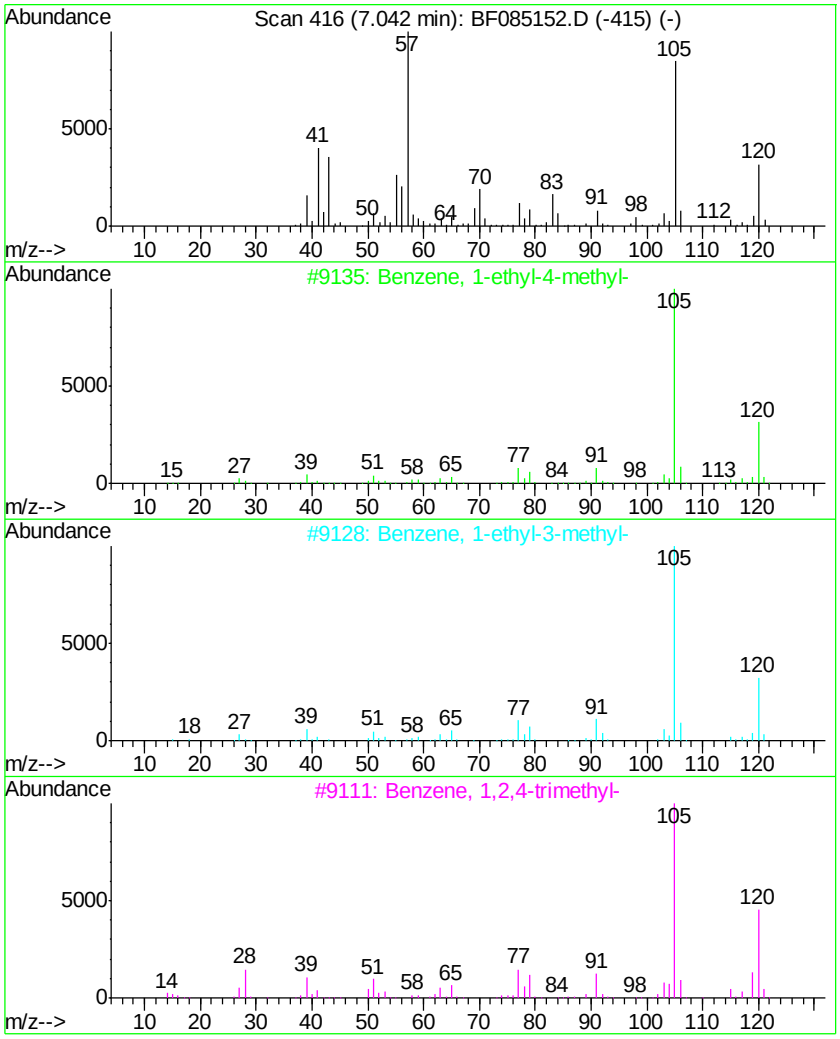
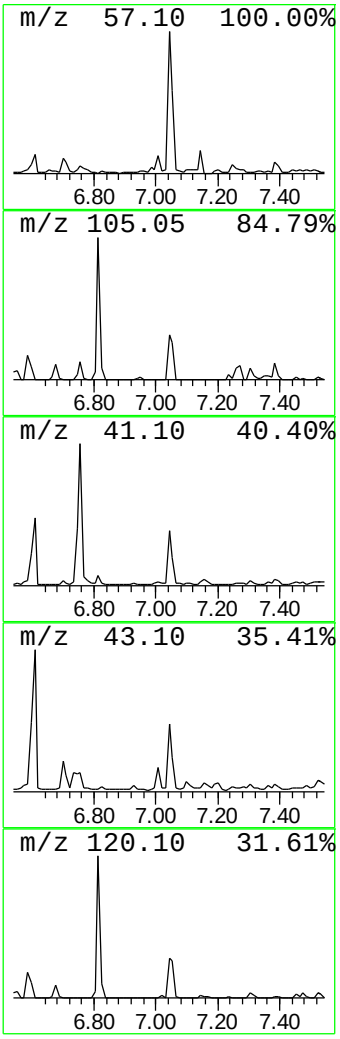
Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	8.32 ng	525679	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	55
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50





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Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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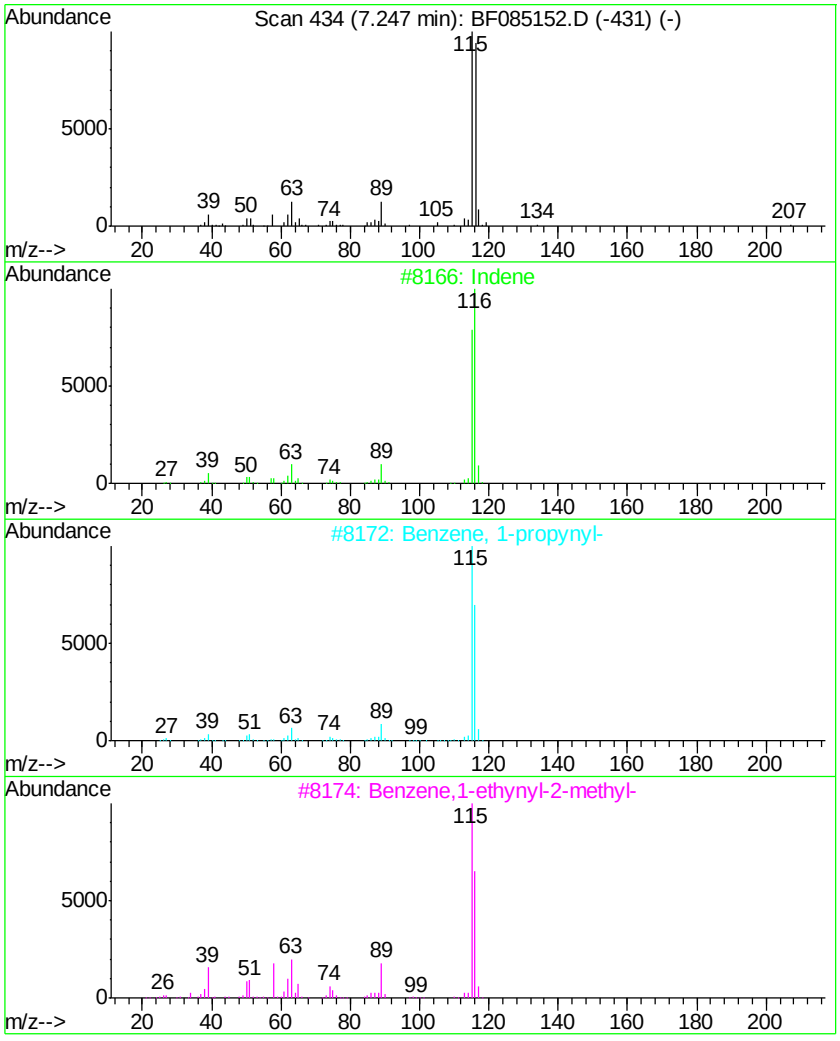
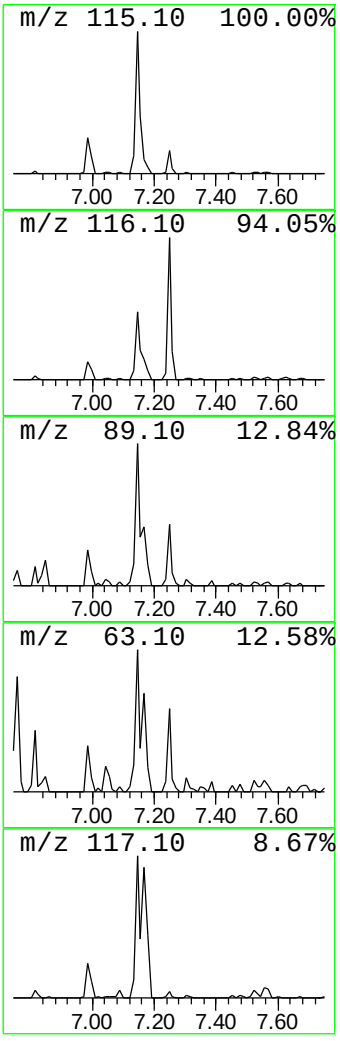
Peak Number 9 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	4.84 ng	305456	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	6-Phenyl-5-hexyn-3-ol	174	C12H14O	135663-98-8	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085152.D
Acq On : 3 Mar 2016 6:29
Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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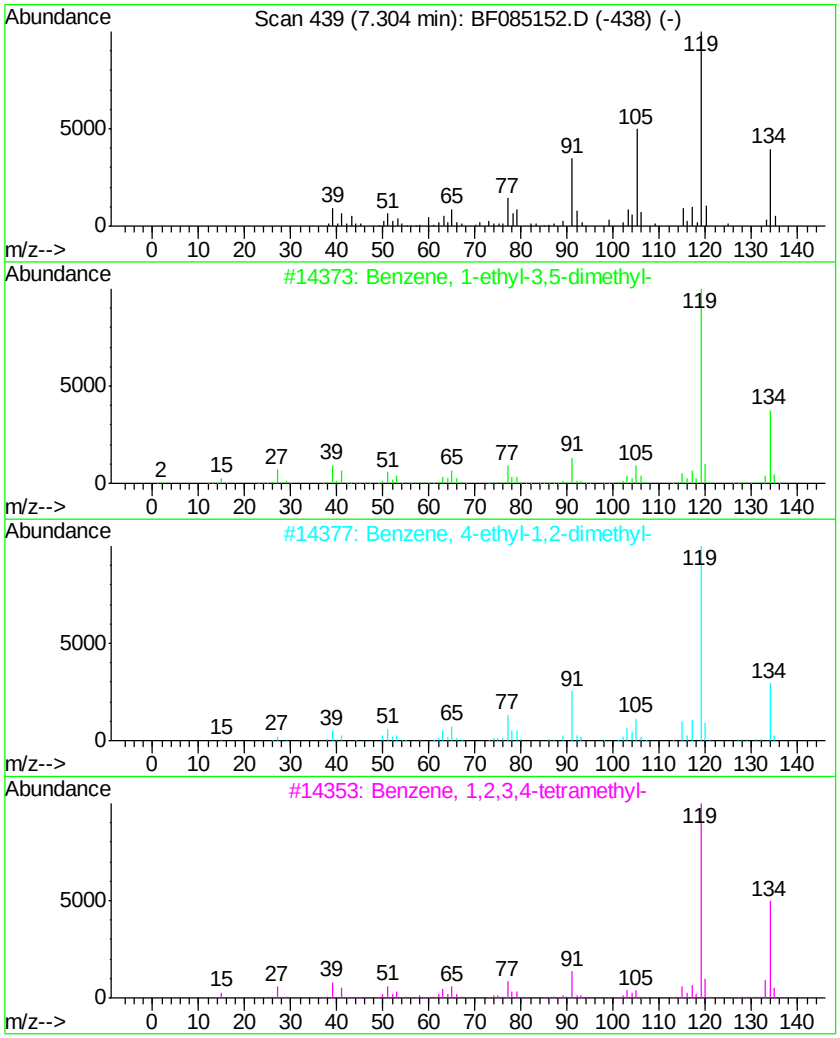
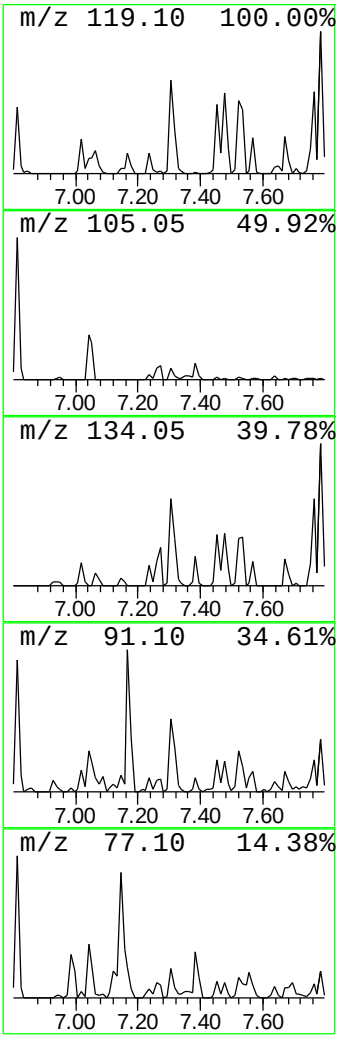
Peak Number 10 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	2.40 ng	151826	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93





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Data File : BF085152.D
Acq On : 3 Mar 2016 6:29
Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

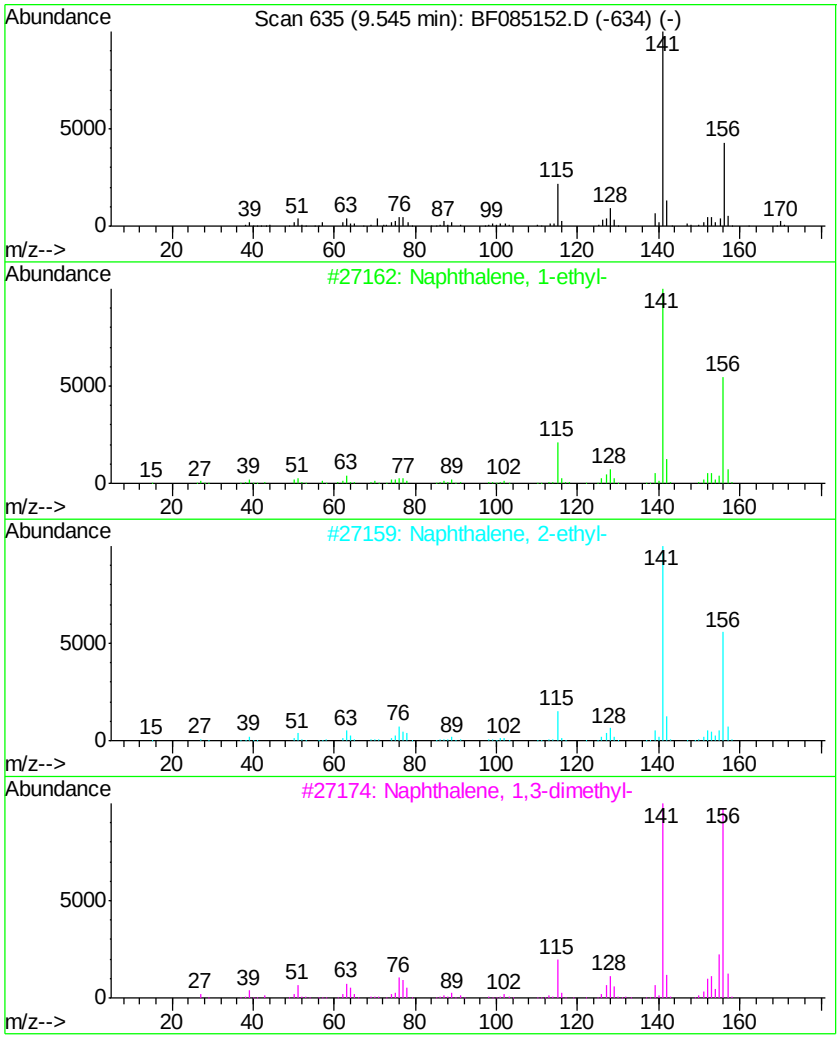
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

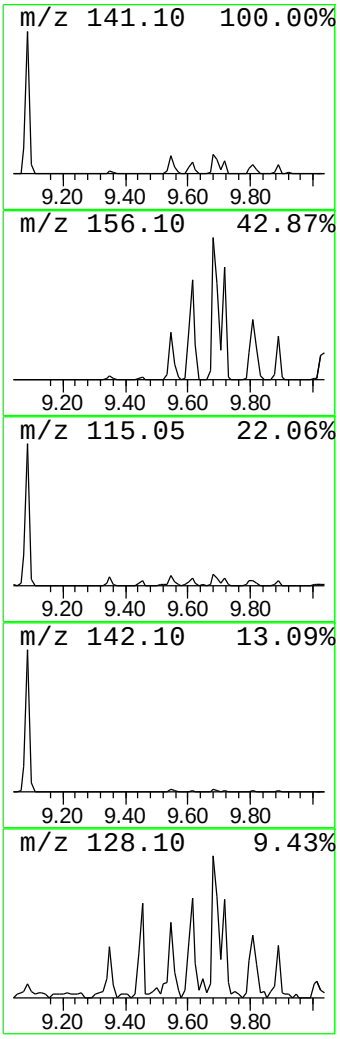
****

Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	2.15 ng	218721	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	80
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53





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Acq On : 3 Mar 2016 6:29
Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

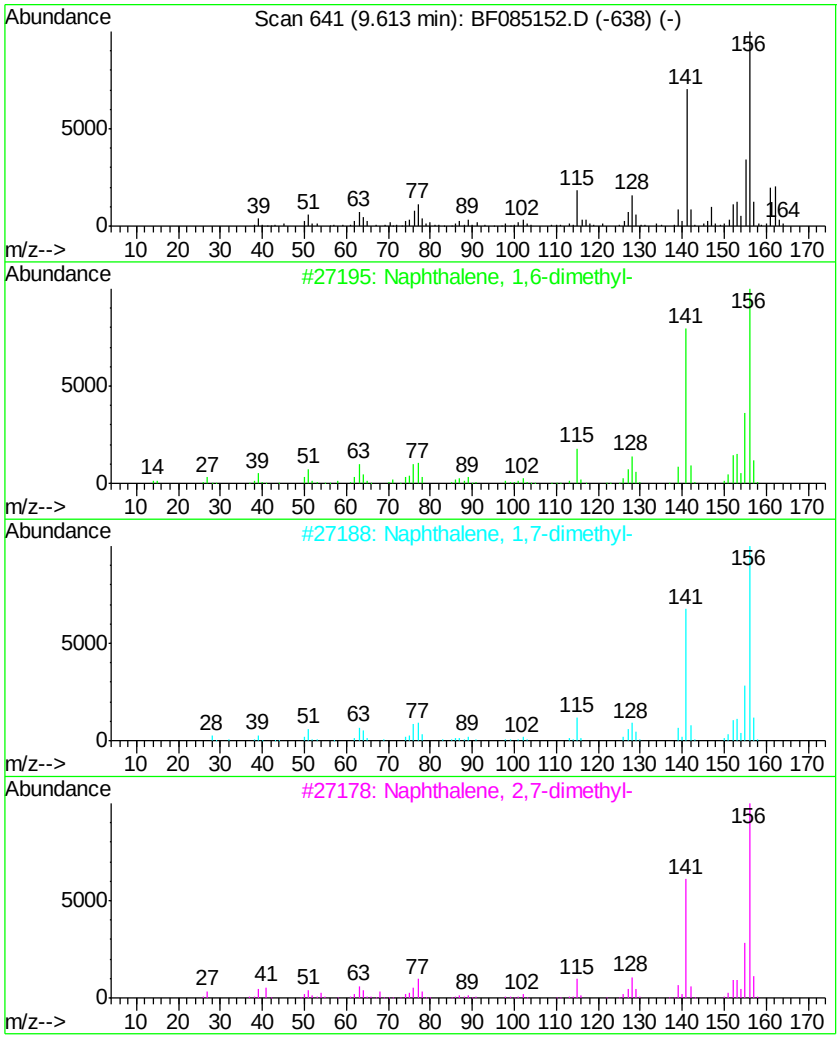
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

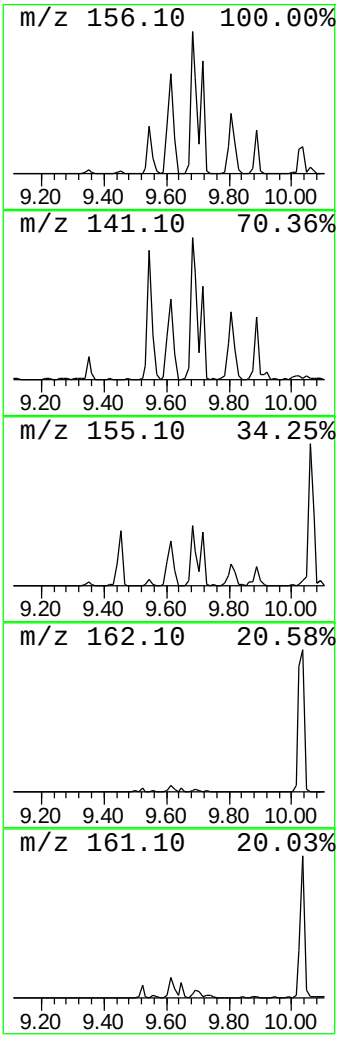
****

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	3.93 ng	400003	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Acq On : 3 Mar 2016 6:29
Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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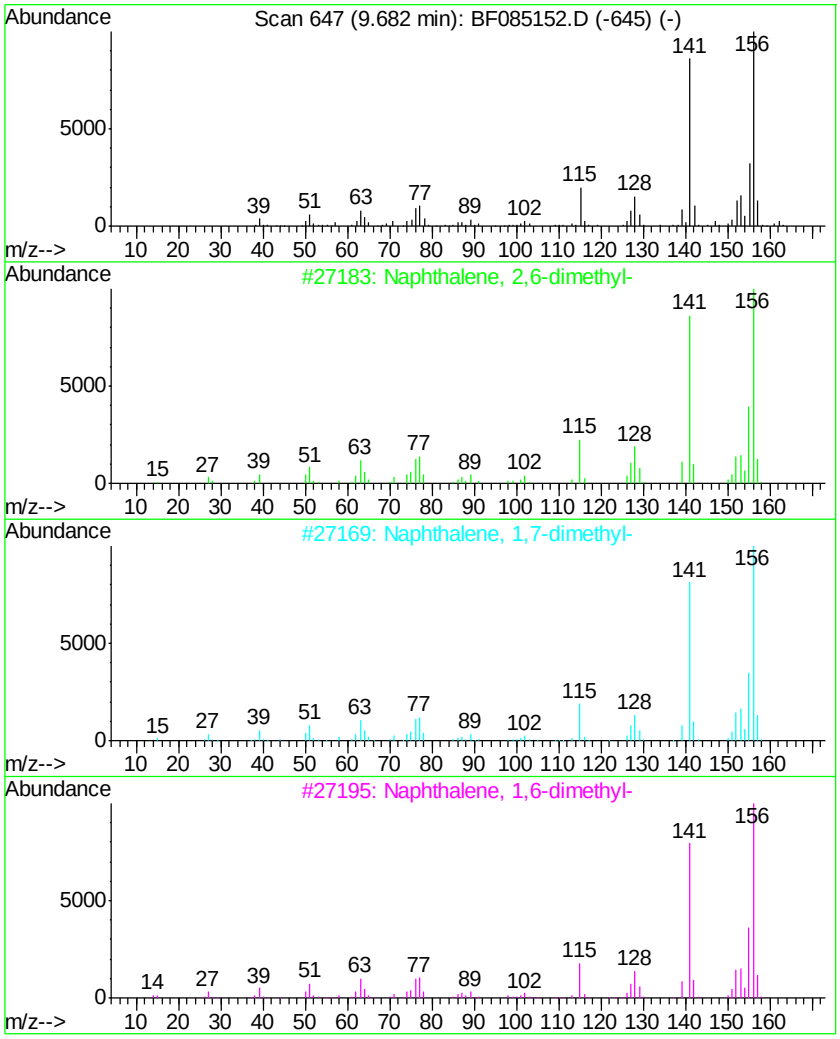
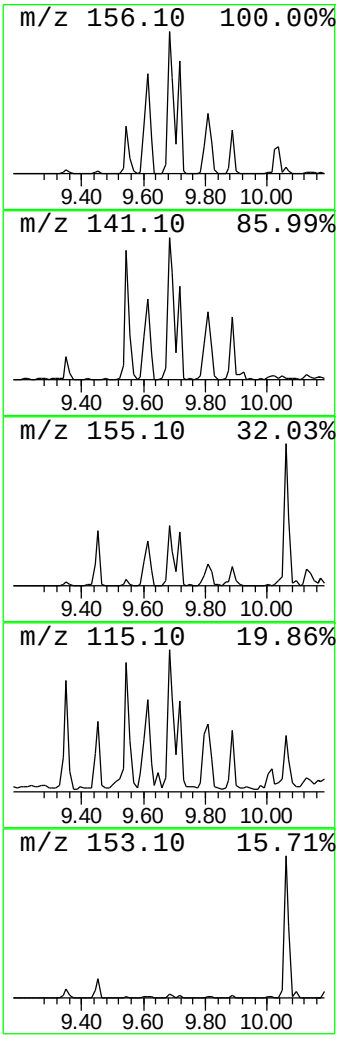
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	5.55 ng	565328	Acenaphthene-d10	10.04

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	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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Acq On : 3 Mar 2016 6:29
Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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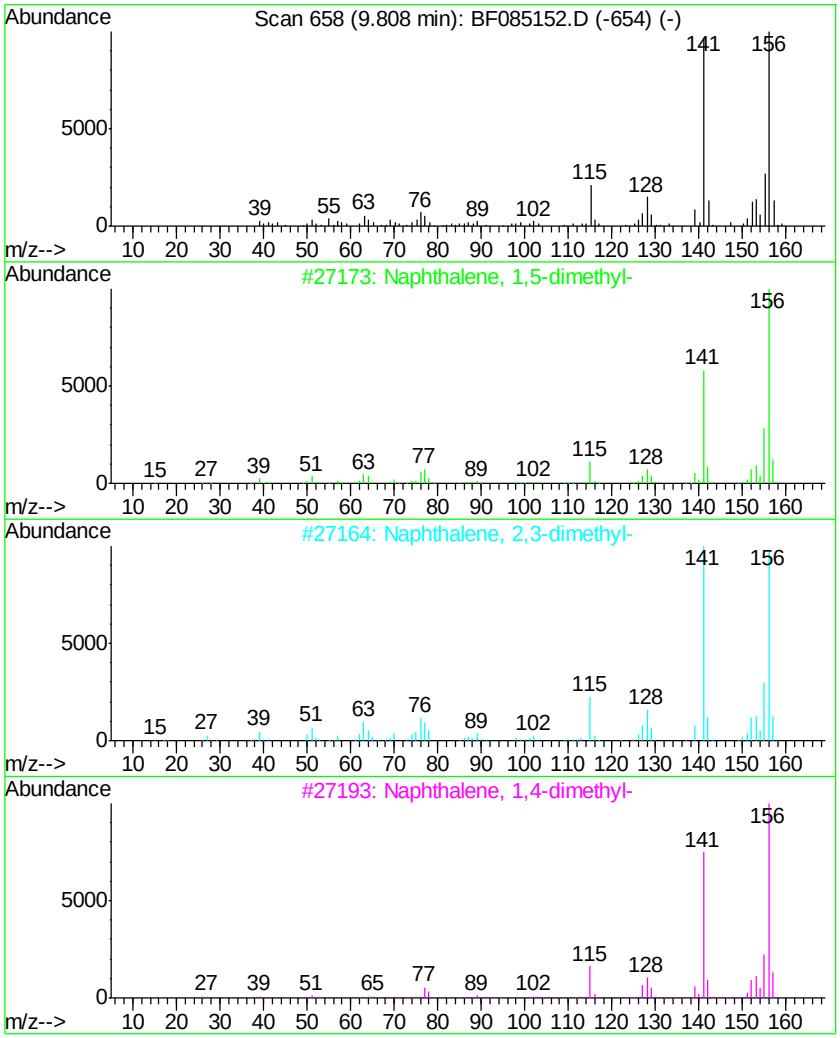
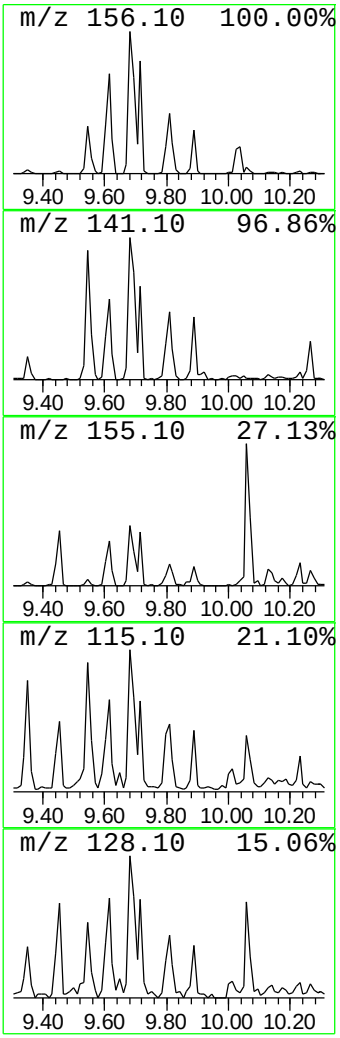
Peak Number 15 Naphthalene, 1,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	2.97 ng	302277	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





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Acq On : 3 Mar 2016 6:29
Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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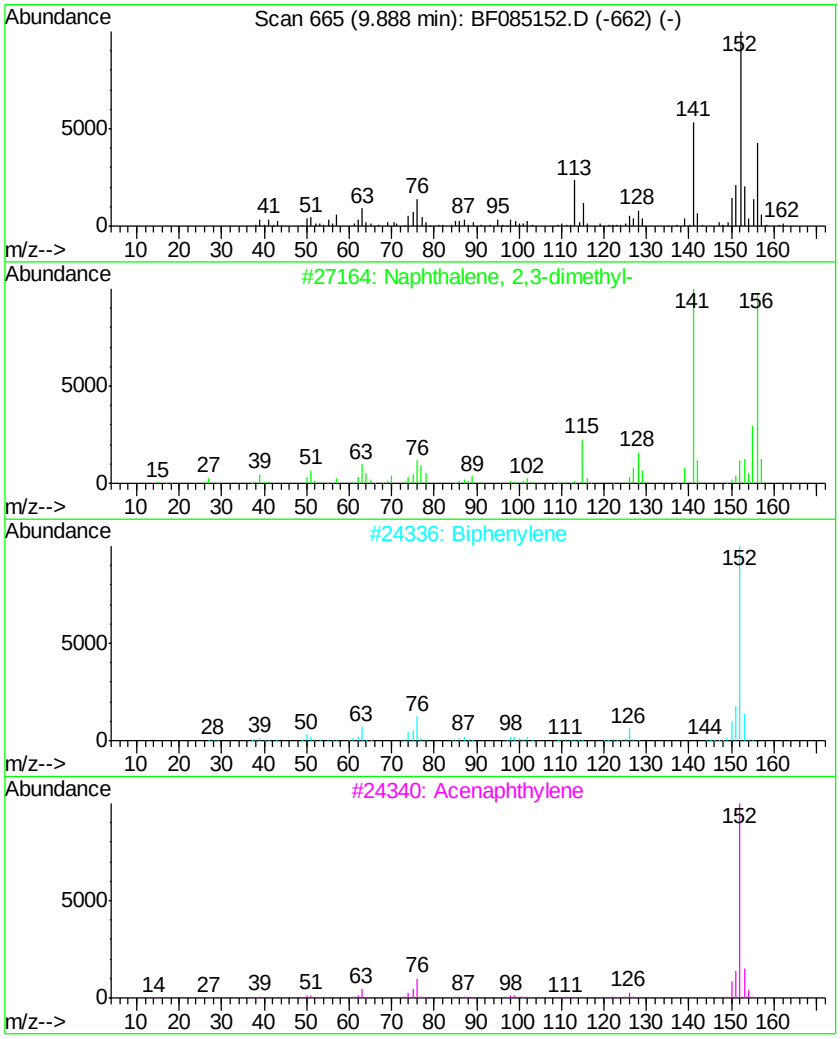
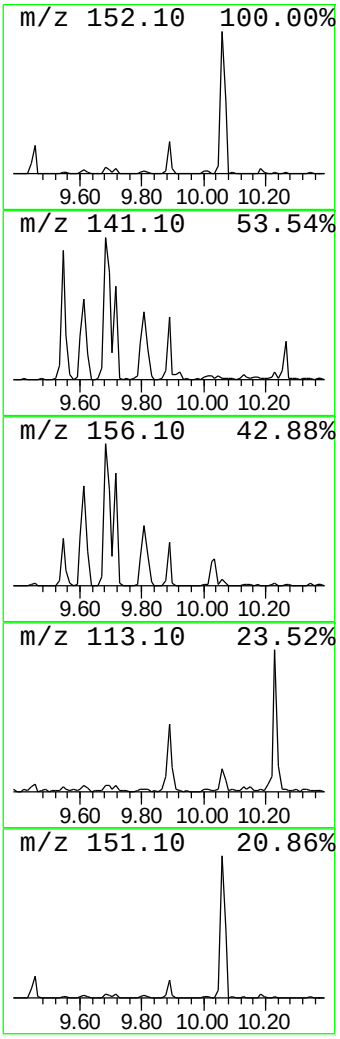
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.95 ng	300494	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	80
2	Biphenylene	152	C12H8	000259-79-0	70
3	Acenaphthylene	152	C12H8	000208-96-8	46
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	42
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	38





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Acq On : 3 Mar 2016 6:29
Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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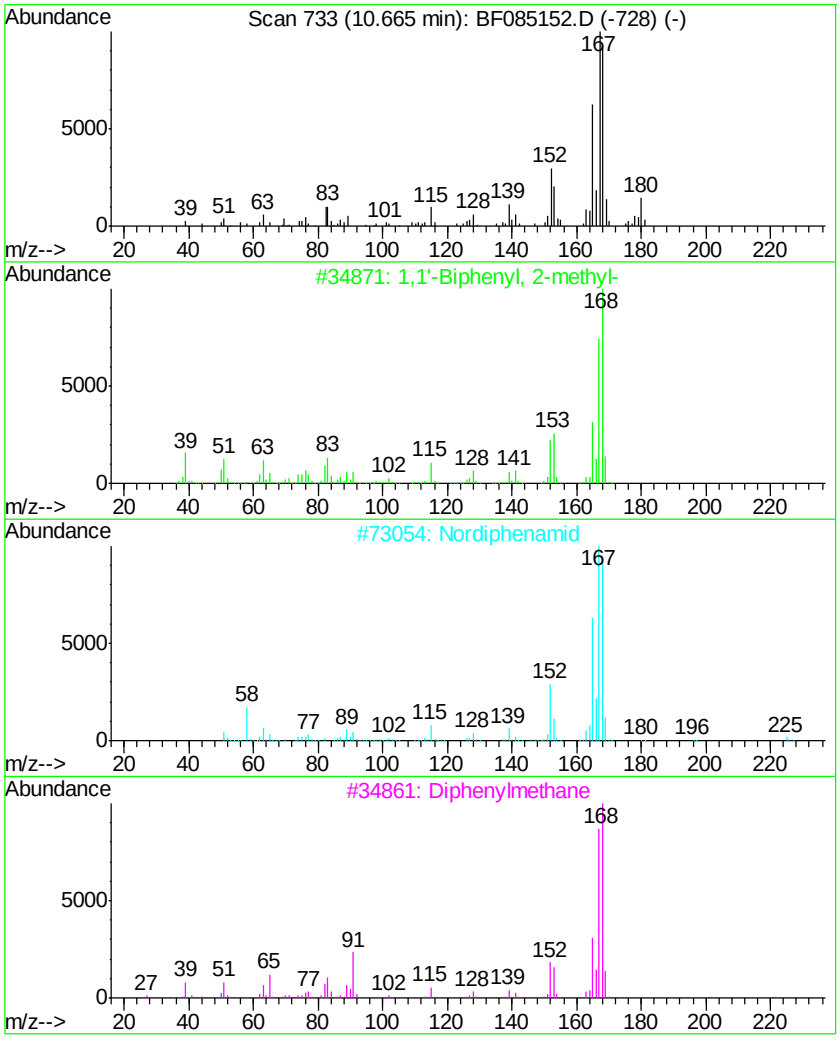
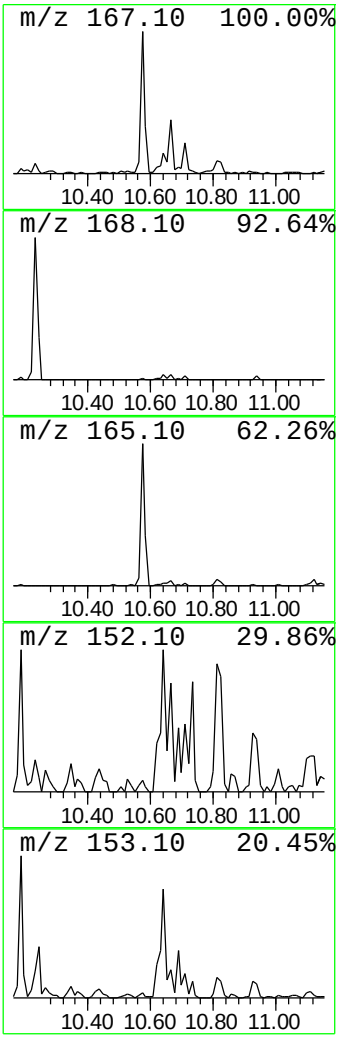
Peak Number 17 1,1'-Biphenyl, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.97 ng	302677	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
2	Nordiphenamid	225	C15H15NO	000954-21-2	86
3	Diphenylmethane	168	C13H12	000101-81-5	81
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	74
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	70





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Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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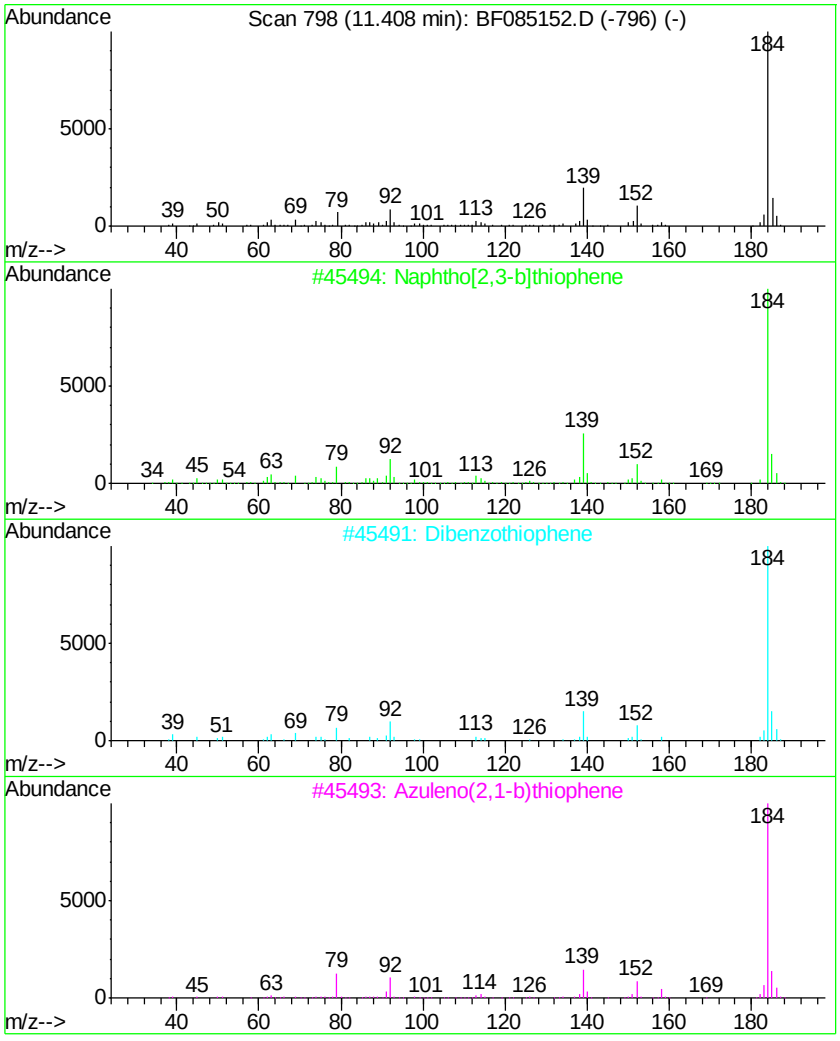
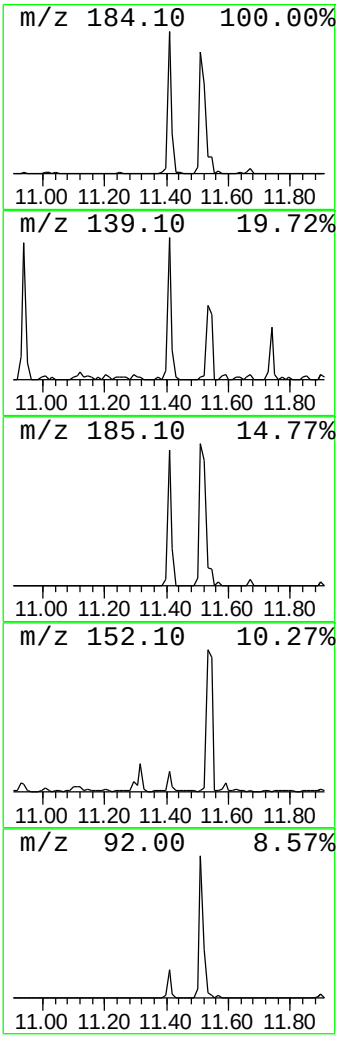
Peak Number 18 Naphtho[2,3-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.53 ng	212956	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	53
5	2,7-Diamino-quinoline-3-carbonit...	184	C10H8N4	1000187-24-4	53





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Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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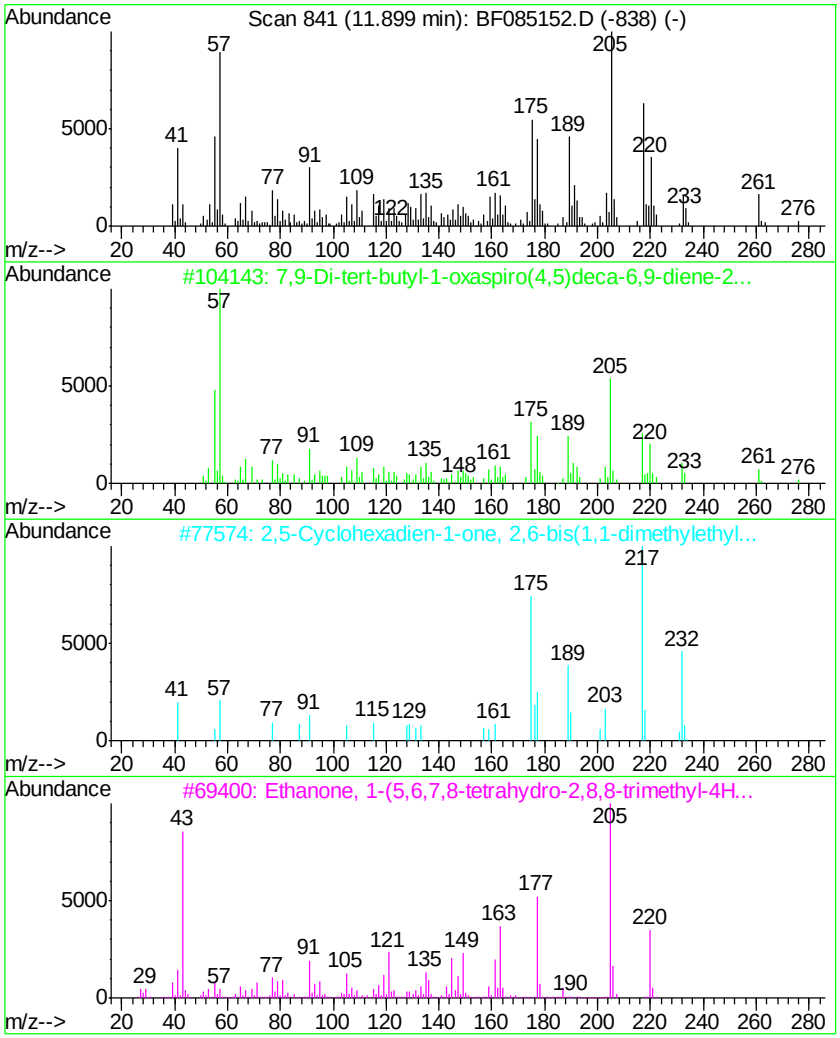
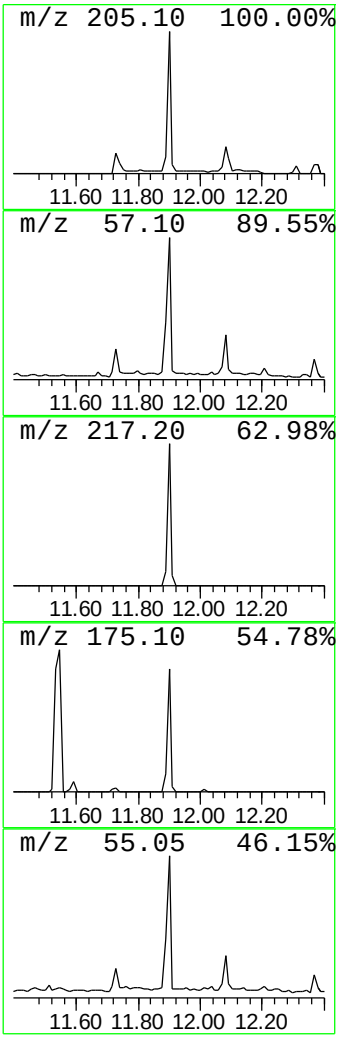
Peak Number 19 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.32 ng	363654	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	80
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45
5	Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1000128-94-8	45





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Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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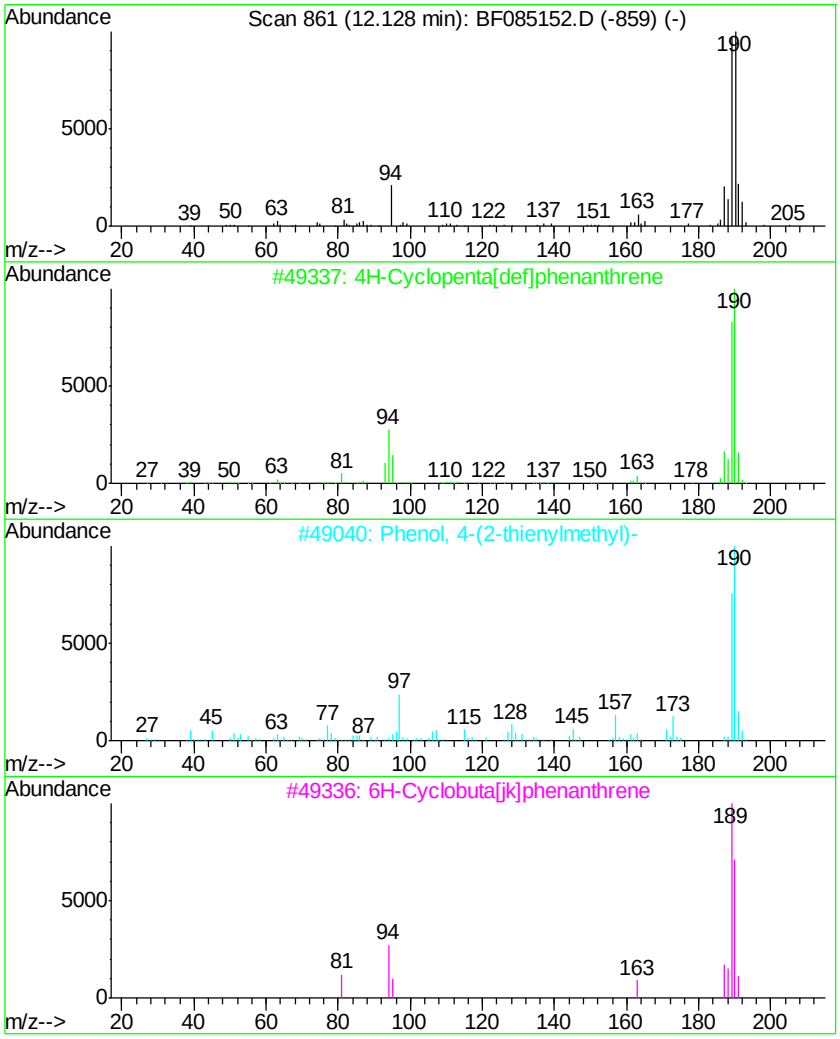
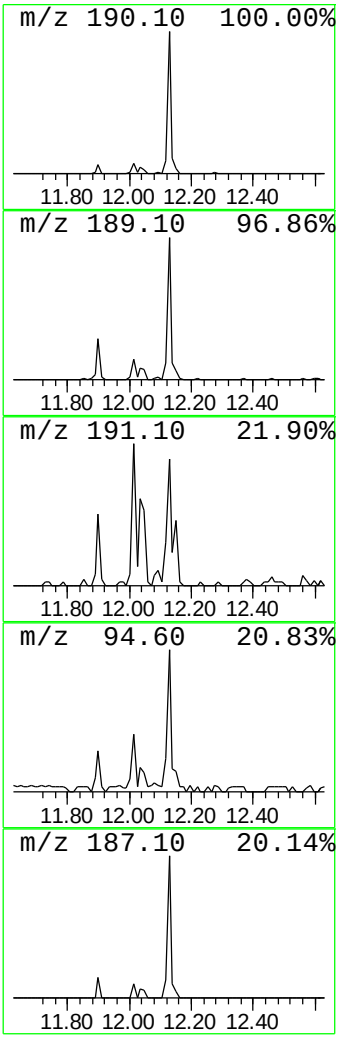
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.18 ng	183550	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085152.D
Acq On : 3 Mar 2016 6:29
Operator : SJ/IZ
Sample : H1632-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40054(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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...	5.19	6.8	ng	429906	1	6.98	1263270	20.0
3-Heptanone	5.74	2.8	ng	174728	1	6.98	1263270	20.0
unknown6.76	6.76	73.2	ng	4625820	1	6.98	1263270	20.0
Benzene, 1,2,3-tr...	6.81	7.0	ng	441416	1	6.98	1263270	20.0
Benzene, 1-ethyl-...	7.04	8.3	ng	525679	1	6.98	1263270	20.0
Indene	7.25	4.8	ng	305456	1	6.98	1263270	20.0
Benzene, 1-ethyl-...	7.30	2.4	ng	151826	1	6.98	1263270	20.0
Naphthalene, 1-et...	9.54	2.1	ng	218721	3	10.04	2036440	20.0
Naphthalene, 1,6-...	9.61	3.9	ng	400003	3	10.04	2036440	20.0
Naphthalene, 2,6-...	9.68	5.5	ng	565328	3	10.04	2036440	20.0
Naphthalene, 1,5-...	9.81	3.0	ng	302277	3	10.04	2036440	20.0
Naphthalene, 2,3-...	9.89	3.0	ng	300494	3	10.04	2036440	20.0
1,1'-Biphenyl, 2-...	10.66	3.0	ng	302677	3	10.04	2036440	20.0
Naphtho[2,3-b]thi...	11.41	2.5	ng	212956	4	11.51	1683040	20.0
7,9-Di-tert-butyl...	11.90	4.3	ng	363654	4	11.51	1683040	20.0
4H-Cyclopenta[def...	12.13	2.2	ng	183550	4	11.51	1683040	20.0