LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085151.D
Acq On : 3 Mar 2016 6:02
Operator : SJ/IZ
Sample : H1640-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-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	2.904	52	54	58	rVB	132529	185910	3.10%	0.296%
2	3.818	128	134	137	rBV	20623	65000	1.08%	0.103%
3	3.910	137	142	145	rVB	19372	60102	1.00%	0.096%
4	4.070	152	156	159	rVB	518123	758634	12.64%	1.208%
5	4.447	180	189	192	rVB2	35478	125694	2.09%	0.200%
6	5.213	253	256	259	rBV	1091716	1511649	25.18%	2.407%
7	5.316	264	265	269	rVB2	59491	69462	1.16%	0.111%
8	5.396	269	272	275	rBV2	41975	76554	1.28%	0.122%
9	5.476	277	279	281	rVB	90030	81914	1.36%	0.130%
10	5.601	286	290	293	rBV	3344365	5096049	84.88%	8.114%
11	5.750	293	303	304	rBV2	111765	319646	5.32%	0.509%
12	5.841	308	311	313	rBV	273164	246949	4.11%	0.393%
13	6.230	341	345	347	rBV	27374	63949	1.07%	0.102%
14	6.516	368	370	371	rBV	124820	98597	1.64%	0.157%
15	6.619	374	379	382	rVV2	3961330	6003661	100.00%	9.559%
16	6.676	382	384	386	rVB	81467	70937	1.18%	0.113%
17	6.756	388	391	394	rVV	3937927	4944223	82.35%	7.872%
18	6.813	394	396	398	rVB	225610	229001	3.81%	0.365%
19	6.996	409	412	414	rBV	877857	1102574	18.37%	1.755%
20	7.053	414	417	419	rVV	1884233	1720980	28.67%	2.740%
21	7.144	423	425	428	rVV	3267104	4030422	67.13%	6.417%
22	7.236	428	433	435	rVV2	382402	523525	8.72%	0.834%
23	7.350	438	443	444	rBV2	153486	397665	6.62%	0.633%
24	7.384	444	446	449	rVB2	1171218	1504813	25.06%	2.396%
25	7.556	458	461	463	rVB	3363029	3698489	61.60%	5.889%
26	7.670	466	471	473	rBV2	162888	320147	5.33%	0.510%
27	7.830	483	485	488	rVB	80383	85416	1.42%	0.136%
28	7.933	491	494	496	rVV	310526	380646	6.34%	0.606%
29	8.013	496	501	502	rVV3	281674	631530	10.52%	1.005%
30	8.047	502	504	506	rVV	351169	454699	7.57%	0.724%
31	8.116	508	510	511	rVB	120261	86772	1.45%	0.138%
32	8.139	511	512	514	rVB	91502	81167	1.35%	0.129%
33	8.230	514	520	522	rBV2	163667	396441	6.60%	0.631%
34	8.276	522	524	528	rBV2	1586231	2179978	36.31%	3.471%

LSC Area Percent Report

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Data File : BF085151.D
Acq On : 3 Mar 2016 6:02
Operator : SJ/IZ
Sample : H1640-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-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	8.413	535	536	538	rVB	194431	254218	4.23%	0.405%
36	8.493	541	543	545	rBV2	107081	167975	2.80%	0.267%
37	8.619	550	554	556	rBV	351584	418471	6.97%	0.666%
38	8.699	558	561	562	rBV2	91806	128621	2.14%	0.205%
39	8.813	569	571	574	rVV2	96885	169716	2.83%	0.270%
40	8.859	574	575	577	rVB	419917	390925	6.51%	0.622%
41	8.962	580	584	585	rBV2	195451	323981	5.40%	0.516%
42	8.985	585	586	588	rVB	390001	343054	5.71%	0.546%
43	9.087	592	595	596	rBV	281111	266579	4.44%	0.424%
44	9.167	599	602	605	rVV2	42372	83678	1.39%	0.133%
45	9.270	610	611	615	rVB2	98969	111651	1.86%	0.178%
46	9.350	615	618	620	rBV	5449174	5352551	89.15%	8.522%
47	9.442	624	626	629	rVB3	81034	138596	2.31%	0.221%
48	9.510	630	632	633	rBV	264125	228312	3.80%	0.364%
49	9.590	638	639	643	rVV2	441644	744156	12.40%	1.185%
50	9.682	645	647	649	rVV	149804	219893	3.66%	0.350%
51	9.739	651	652	655	rVV2	231781	304543	5.07%	0.485%
52	9.807	655	658	659	rVV2	63225	99399	1.66%	0.158%
53	9.899	663	666	667	rVV2	43322	84605	1.41%	0.135%
54	9.933	667	669	675	rVV4	84318	185579	3.09%	0.295%
55	10.025	675	677	680	rVV	1076973	1574744	26.23%	2.507%
56	10.116	681	685	688	rVV2	155221	252181	4.20%	0.402%
57	10.185	688	691	693	rVV2	194621	241024	4.01%	0.384%
58	10.230	693	695	697	rVB3	85826	100130	1.67%	0.159%
59	10.345	703	705	706	rBV	94754	86437	1.44%	0.138%
60	10.402	709	710	712	rVV	82047	93816	1.56%	0.149%
61	10.459	712	715	716	rVB	143104	150647	2.51%	0.240%
62	10.653	730	732	736	rVB	161897	170018	2.83%	0.271%
63	10.813	744	746	748	rVB2	2434452	3357782	55.93%	5.346%
64	10.928	754	756	762	rVB2	114325	193598	3.22%	0.308%
65	11.110	770	772	773	rBV	118851	137685	2.29%	0.219%
66	11.510	805	807	811	rBV	1221266	1296807	21.60%	2.065%
67	11.568	811	812	815	rVV3	58638	99800	1.66%	0.159%
68	11.625	815	817	820	rVB2	48835	70311	1.17%	0.112%
69	11.739	825	827	829	rVB	106041	101357	1.69%	0.161%
70	12.036	849	853	854	rBV3	97206	159589	2.66%	0.254%
71	12.116	858	860	864	rVB	56041	76094	1.27%	0.121%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
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Acq On : 3 Mar 2016 6:02
Operator : SJ/IZ
Sample : H1640-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-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

72	12.208	866	868	872	rVB3	40021	79149	1.32%	0.126%
73	12.825	920	922	928	rVB6	37650	78265	1.30%	0.125%
74	12.916	928	930	933	rBV3	77365	112618	1.88%	0.179%
75	12.973	933	935	940	rVB	87210	124384	2.07%	0.198%
76	13.099	943	946	948	rBV	4789499	4353810	72.52%	6.932%
77	13.648	993	994	1001	rVB3	45683	78581	1.31%	0.125%
78	13.991	1022	1024	1025	rBV	57983	82187	1.37%	0.131%
79	14.151	1035	1038	1040	rBV	1063586	1033563	17.22%	1.646%
80	15.625	1164	1167	1170	rBV	874498	1084047	18.06%	1.726%

Sum of corrected areas: 62808322

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
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Sample : H1640-16
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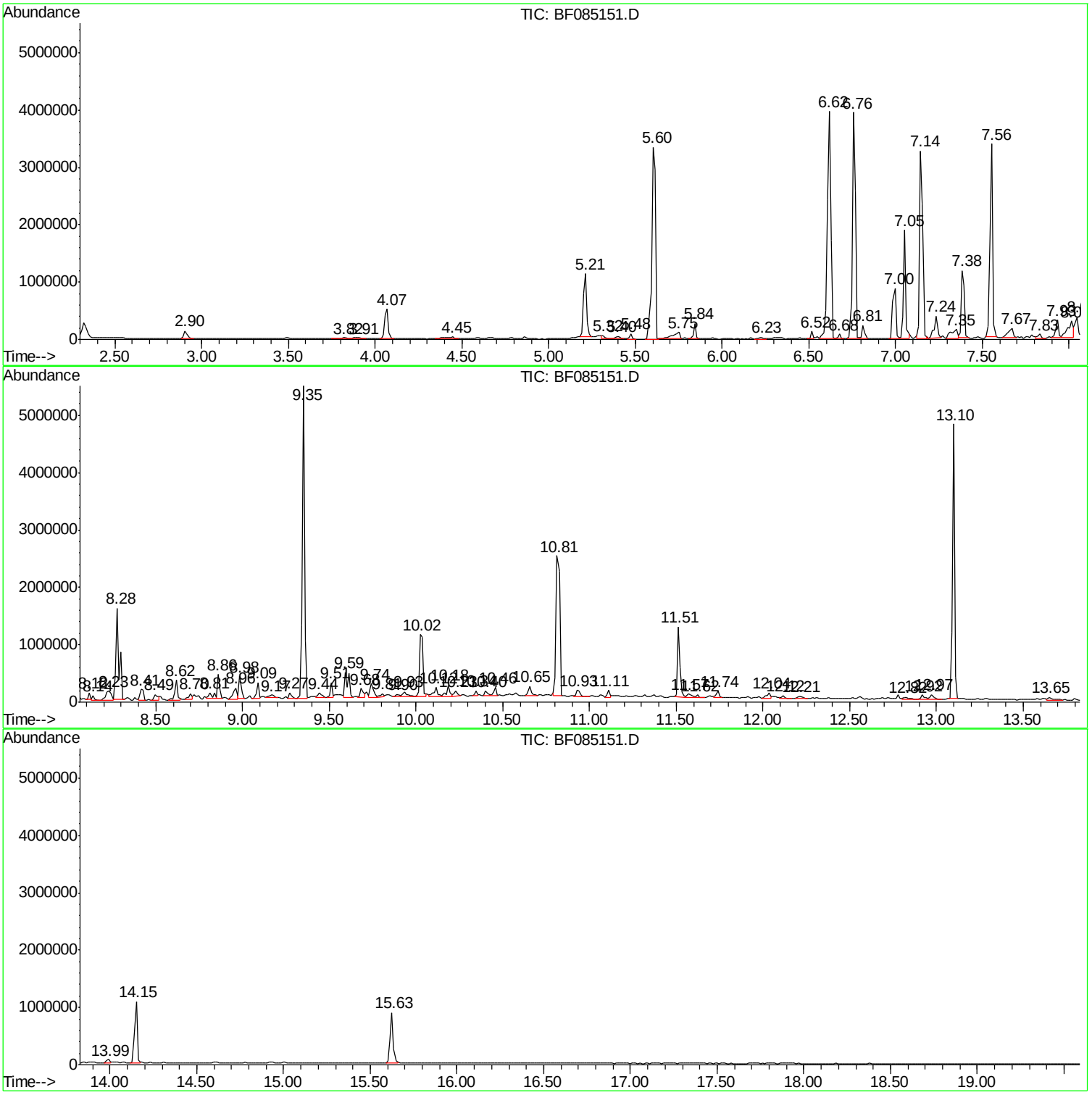
Instrument :
BNA_F
ClientSampleId :
WASTE-2

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085151.D
Acq On : 3 Mar 2016 6:02
Operator : SJ/IZ
Sample : H1640-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-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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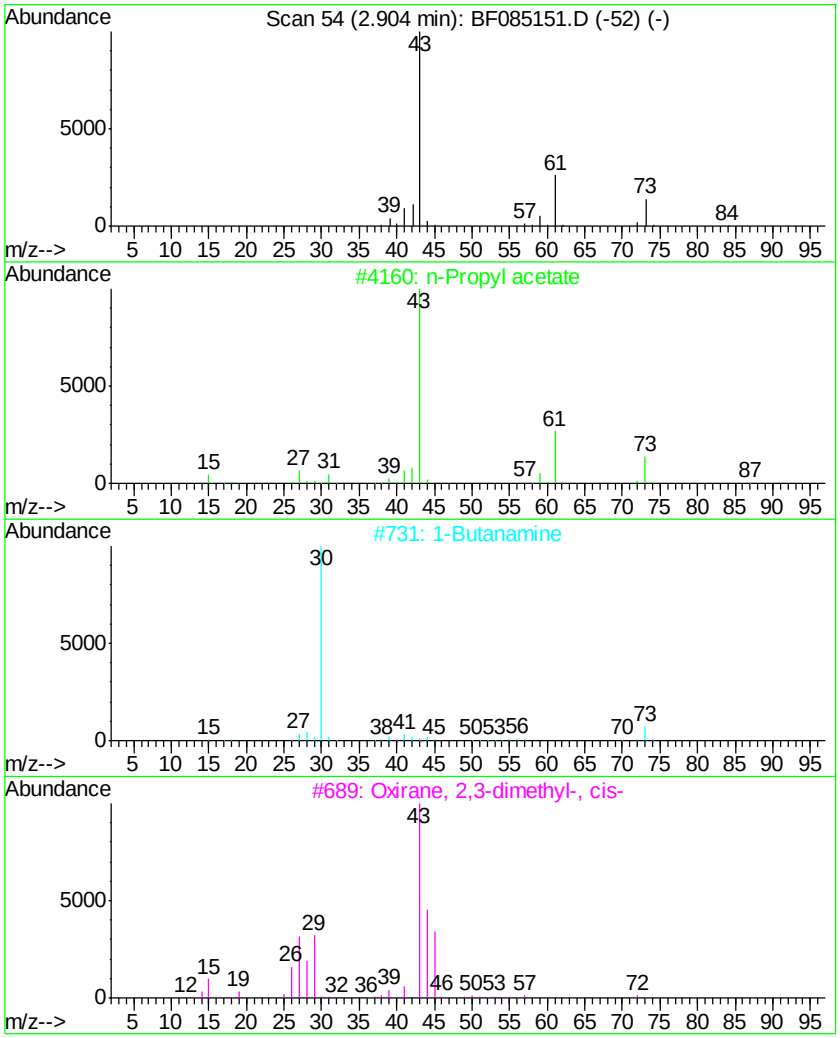
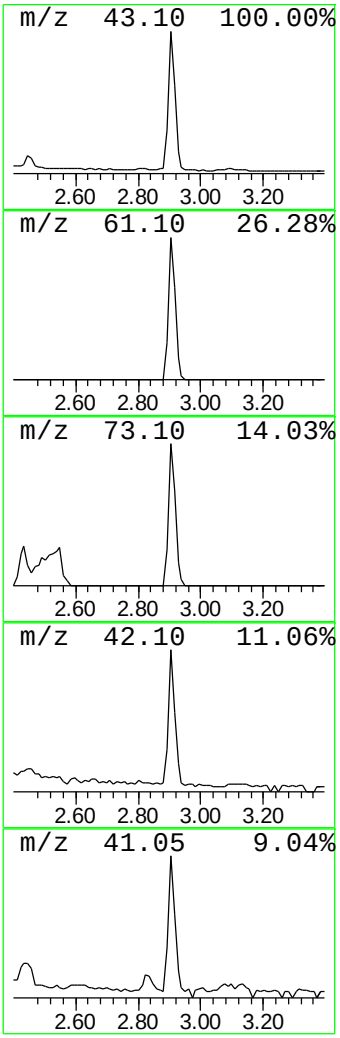
Peak Number 1 n-Propyl acetate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	3.37 ng	185910	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	1-Butanamine	73	C4H11N	000109-73-9	7
3	Oxirane, 2,3-dimethyl-, cis-	72	C4H8O	001758-33-4	7
4	Isobutylamine	73	C4H11N	000078-81-9	5
5	Pentane	72	C5H12	000109-66-0	5





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085151.D
Acq On : 3 Mar 2016 6:02
Operator : SJ/IZ
Sample : H1640-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-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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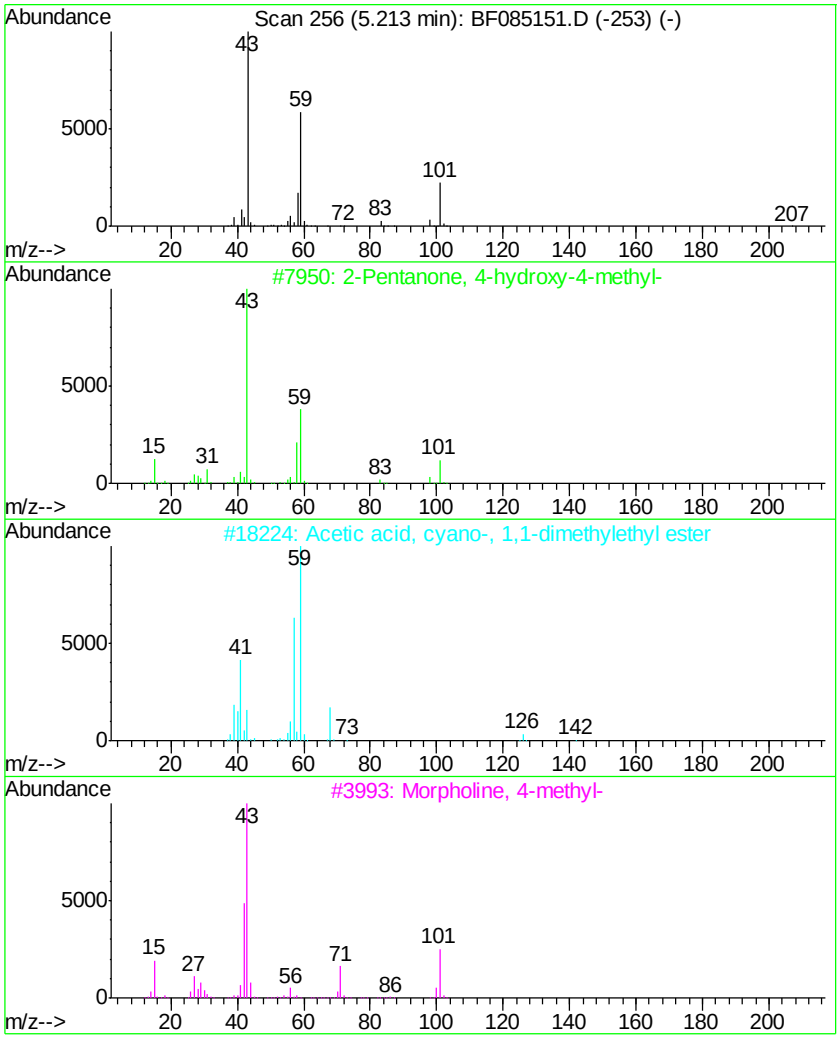
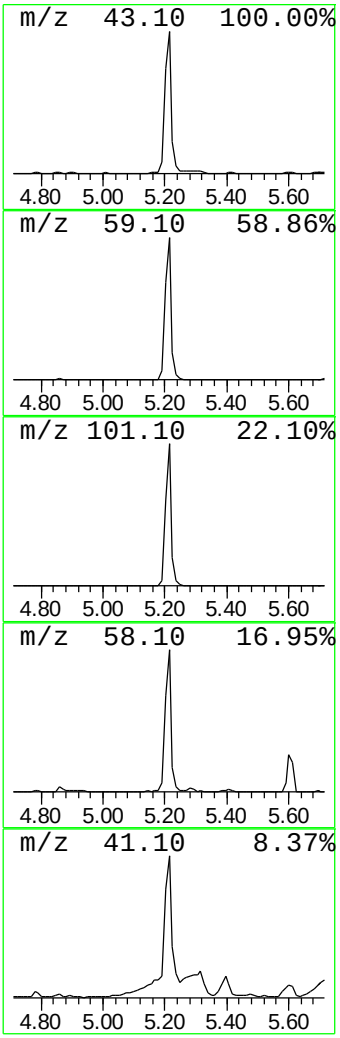
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	27.42 ng	1511650	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085151.D
Acq On : 3 Mar 2016 6:02
Operator : SJ/IZ
Sample : H1640-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-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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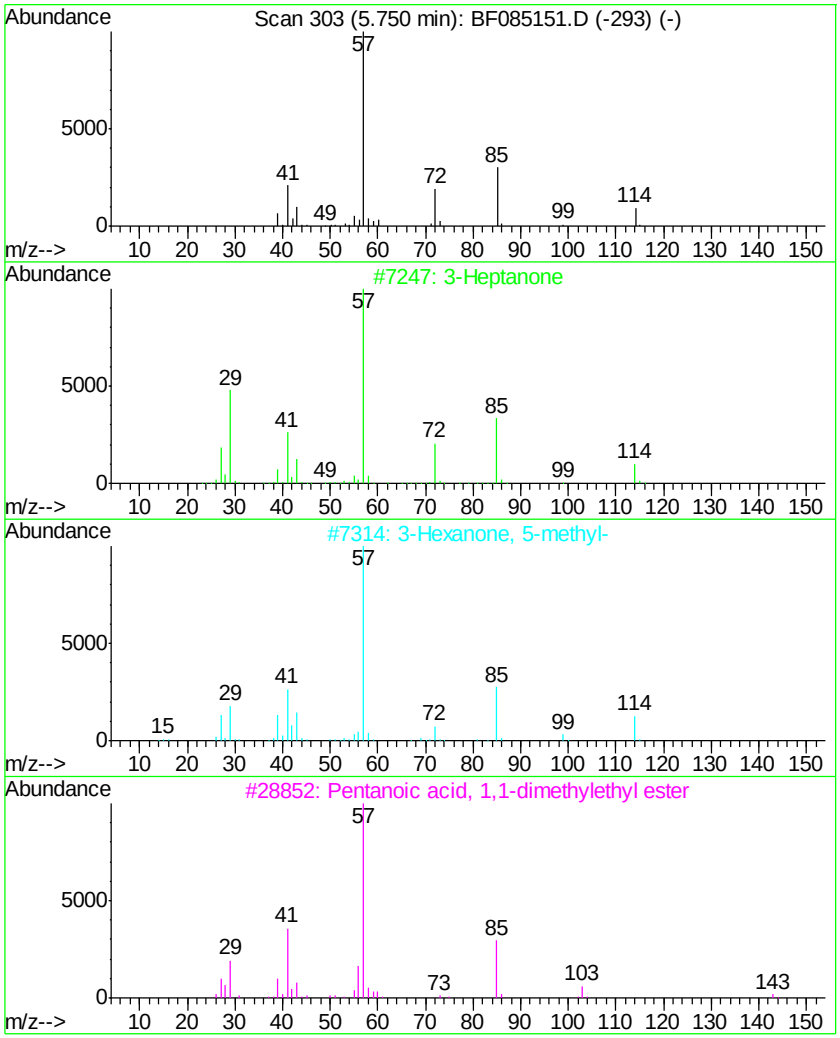
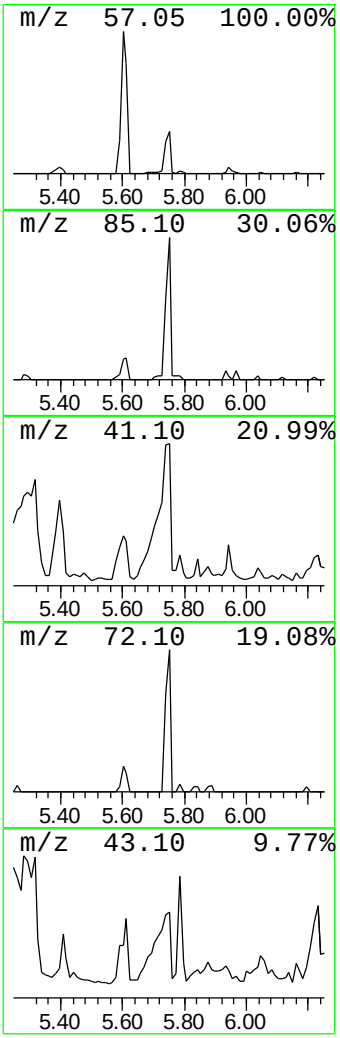
Peak Number 4 3-Heptanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	5.80 ng	319646	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	87
2	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	58
3	Pentanoic acid, 1,1-dimethylethy...	158	C9H18O2	023361-78-6	47
4	4-Methyl-5-nonanone	156	C10H20O	035900-26-6	40
5	3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
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Acq On : 3 Mar 2016 6:02
Operator : SJ/IZ
Sample : H1640-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-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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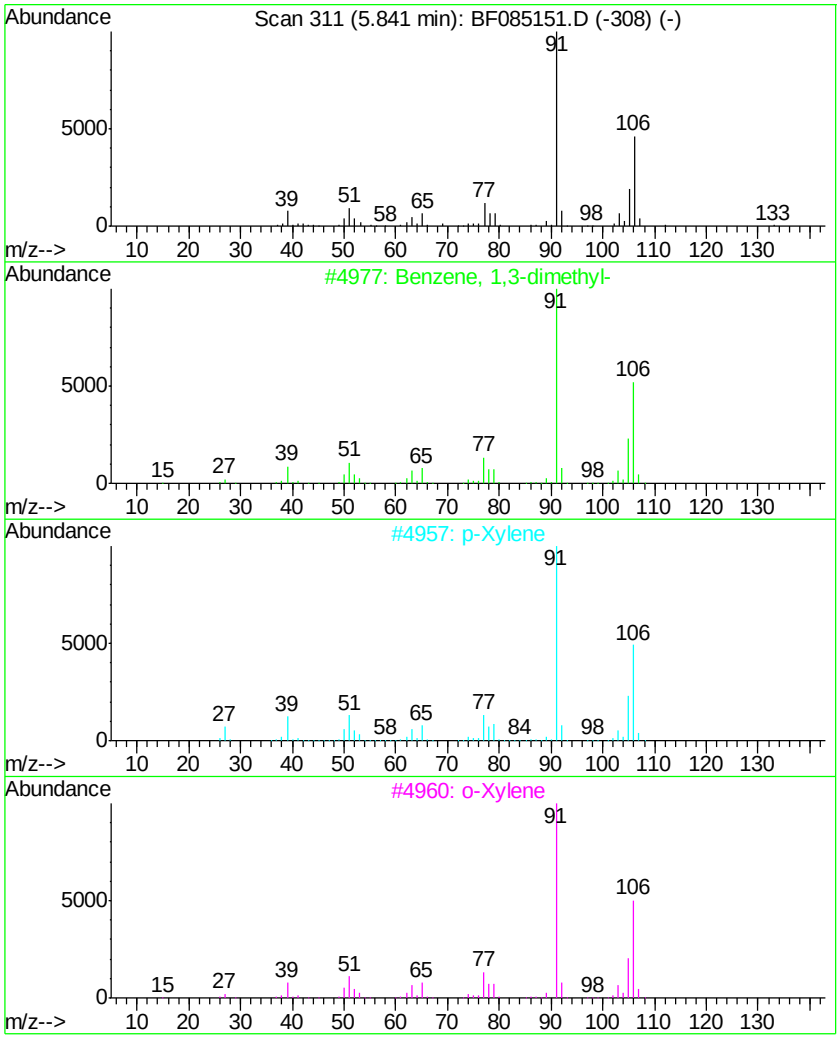
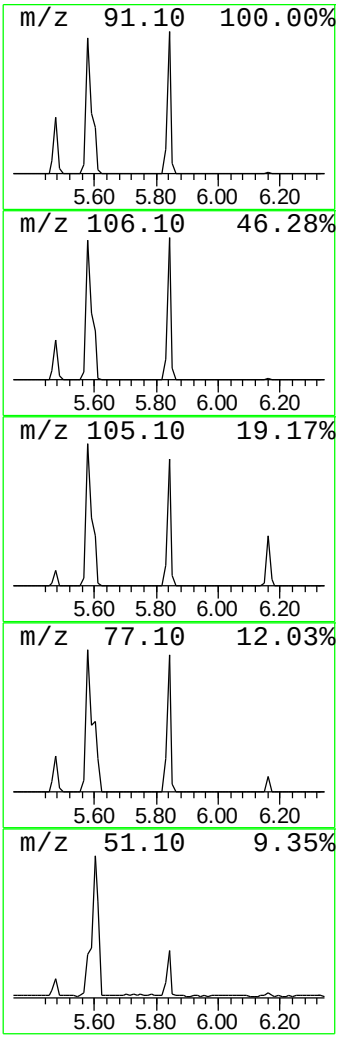
Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	4.48 ng	246949	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085151.D
Acq On : 3 Mar 2016 6:02
Operator : SJ/IZ
Sample : H1640-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-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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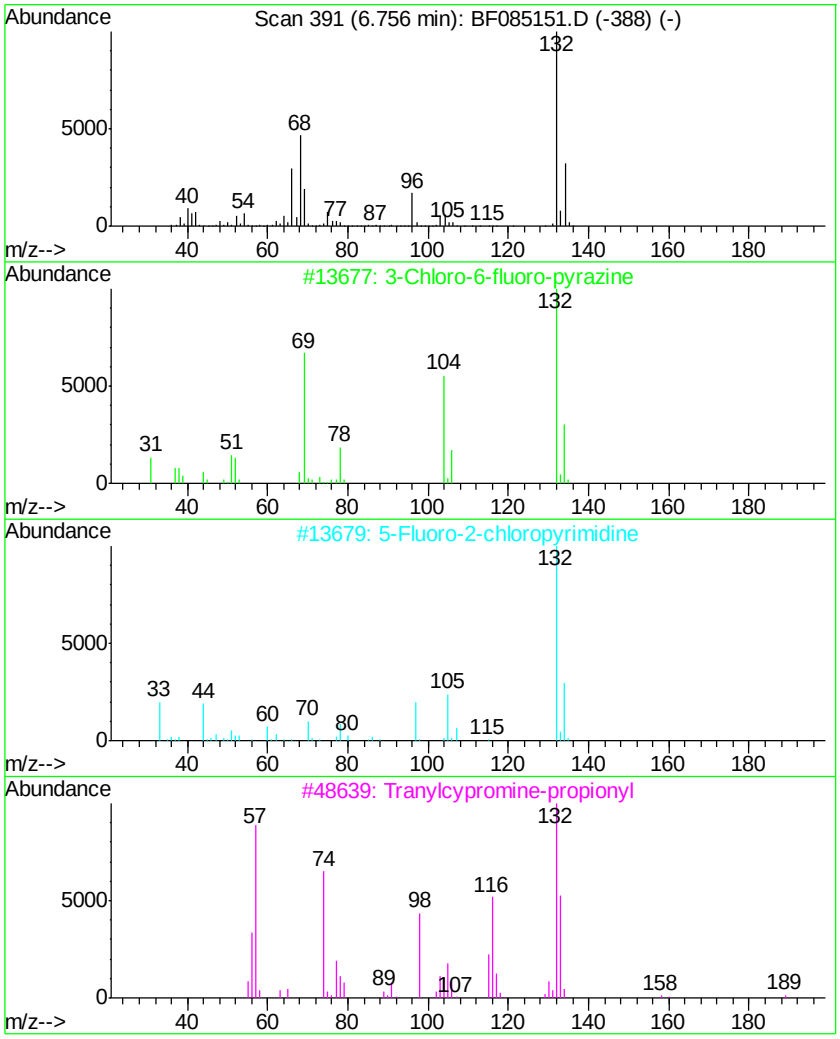
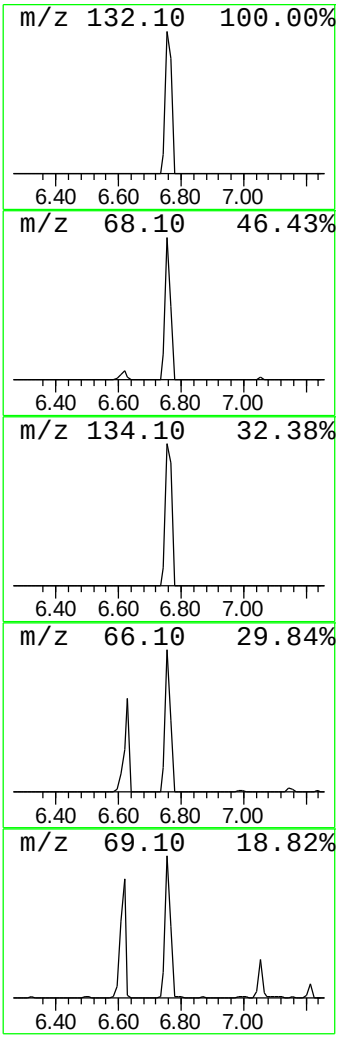
Peak Number 6 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	89.69 ng	4944220	1,4-Dichlorobenzene-d4	7.00

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	12
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	Xenon	132	Xe	007440-63-3	9





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Data File : BF085151.D
Acq On : 3 Mar 2016 6:02
Operator : SJ/IZ
Sample : H1640-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-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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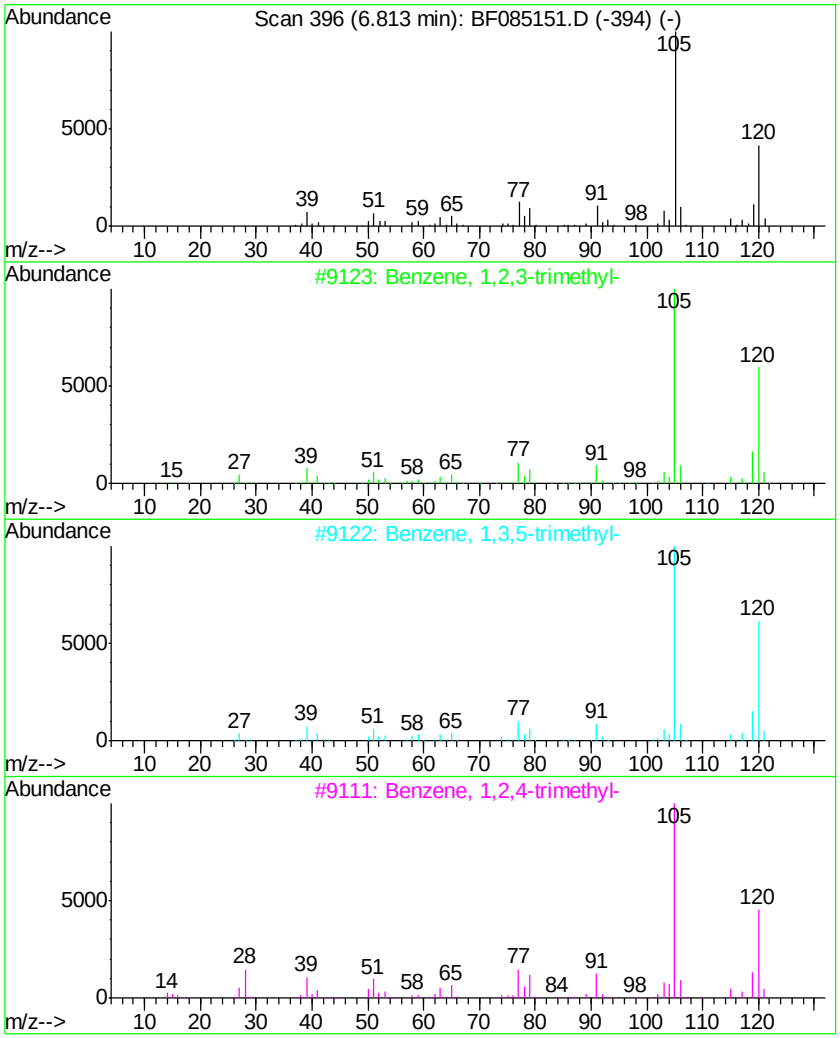
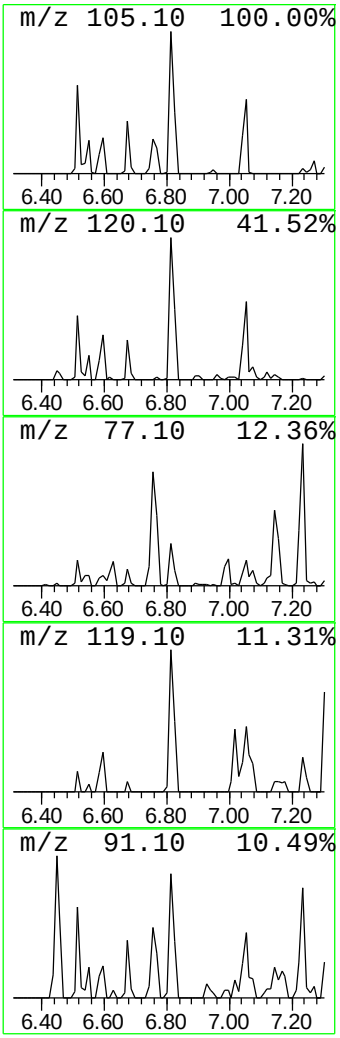
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	4.15 ng	229001	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085151.D
Acq On : 3 Mar 2016 6:02
Operator : SJ/IZ
Sample : H1640-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-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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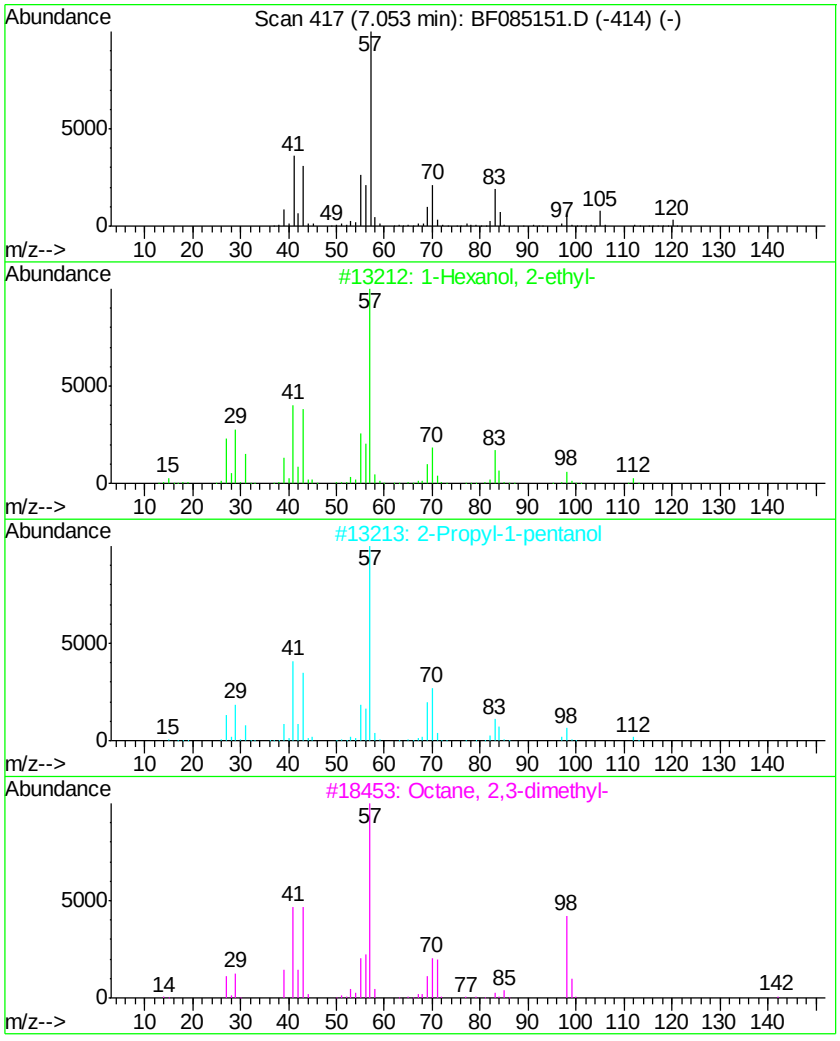
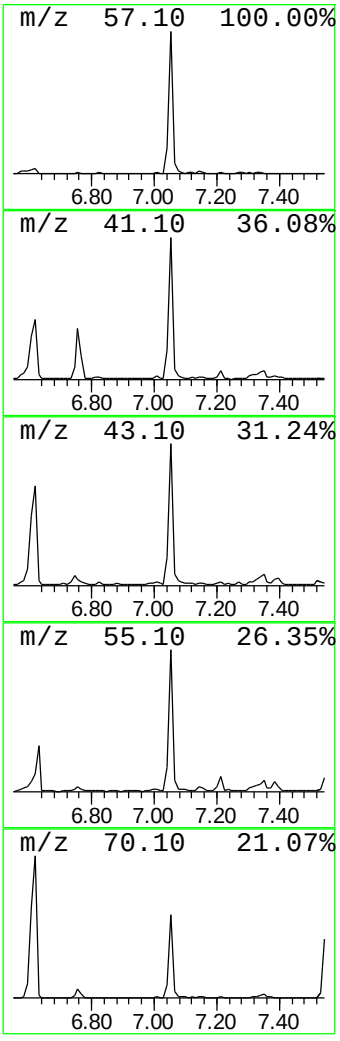
Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	31.22 ng	1720980	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	45
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45
5	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	40





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Operator : SJ/IZ
Sample : H1640-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-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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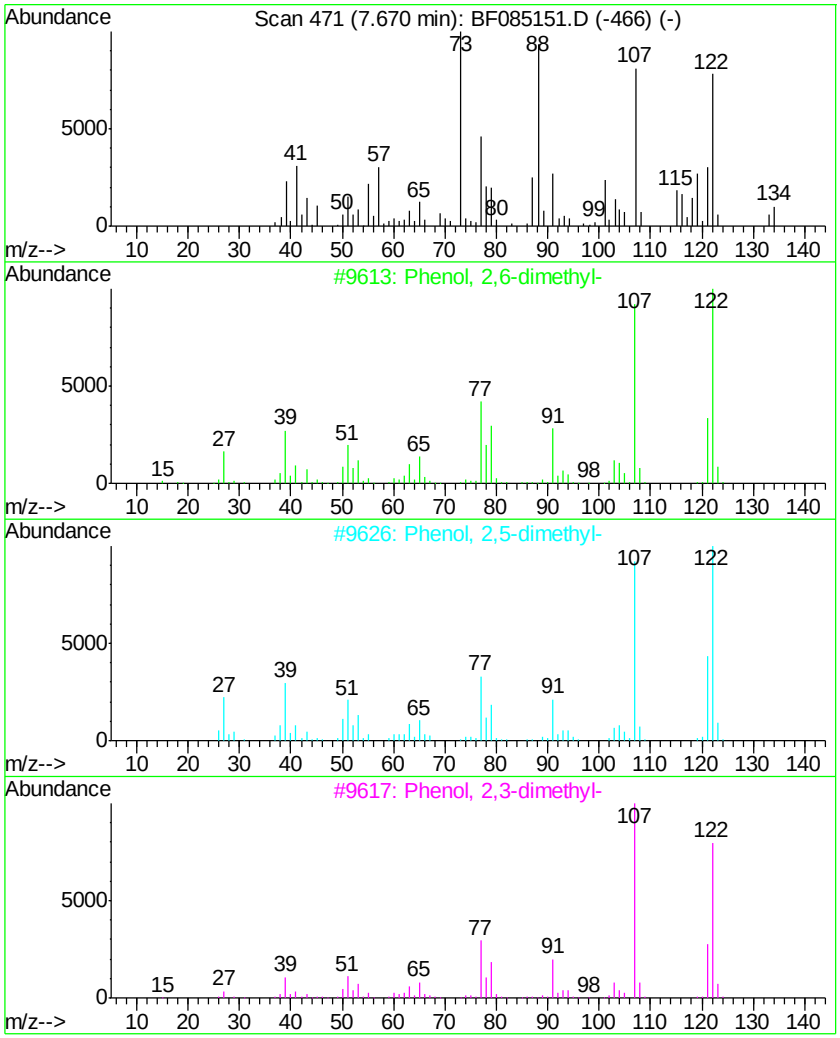
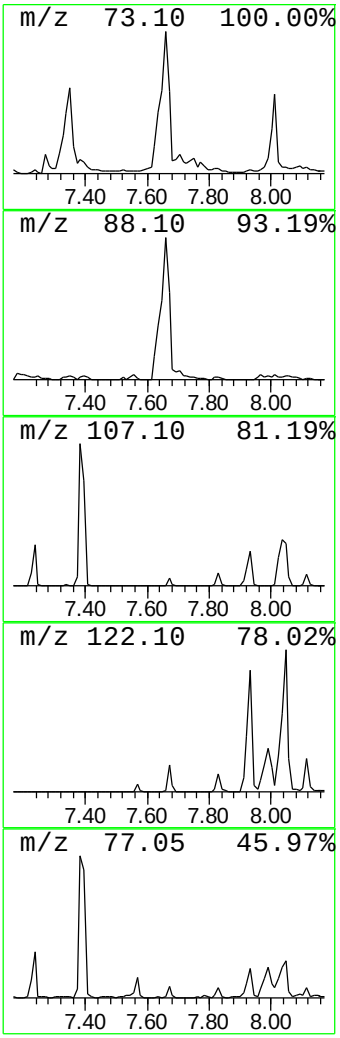
Peak Number 10 Phenol, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	2.94 ng	320147	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	46
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	46
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	45
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	43





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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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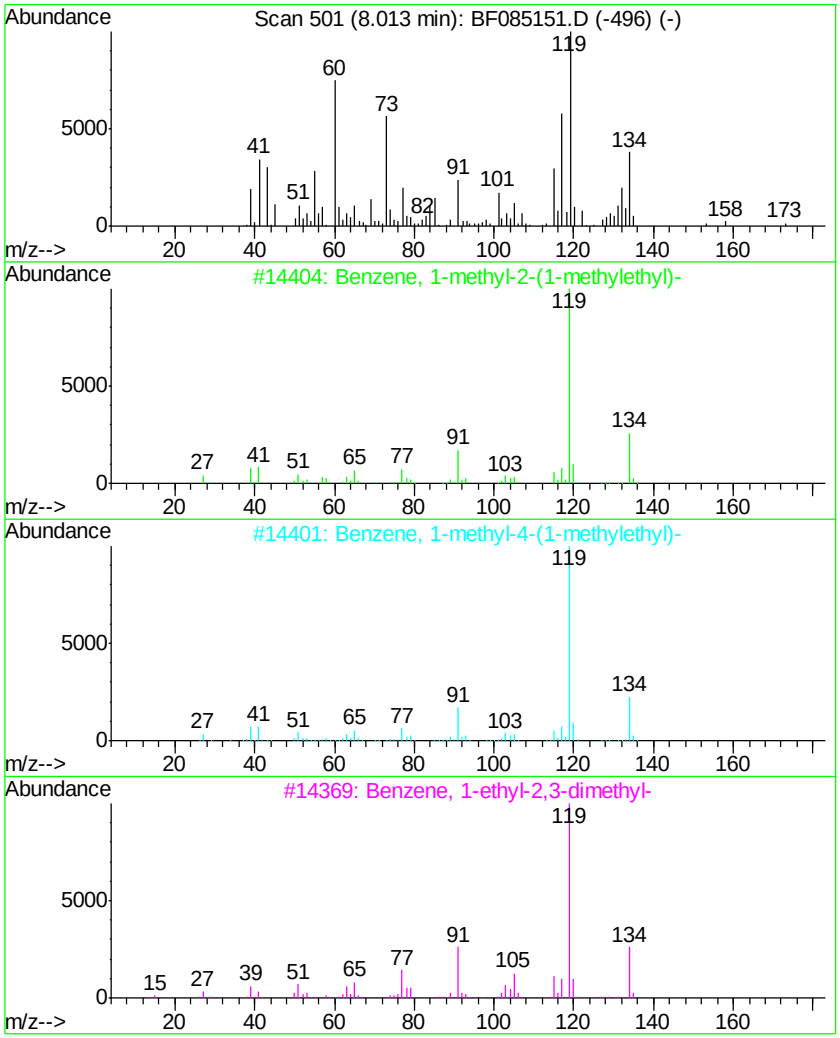
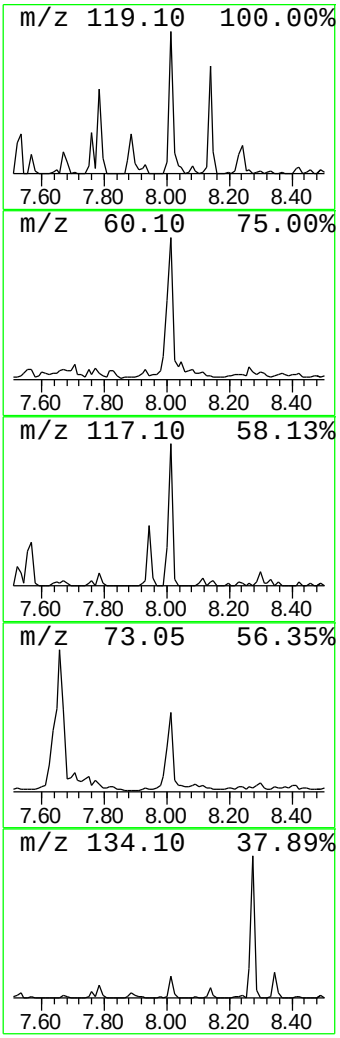
Peak Number 11 unknown8.01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	5.79 ng	631530	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	42
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	42
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	42
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	42
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	42





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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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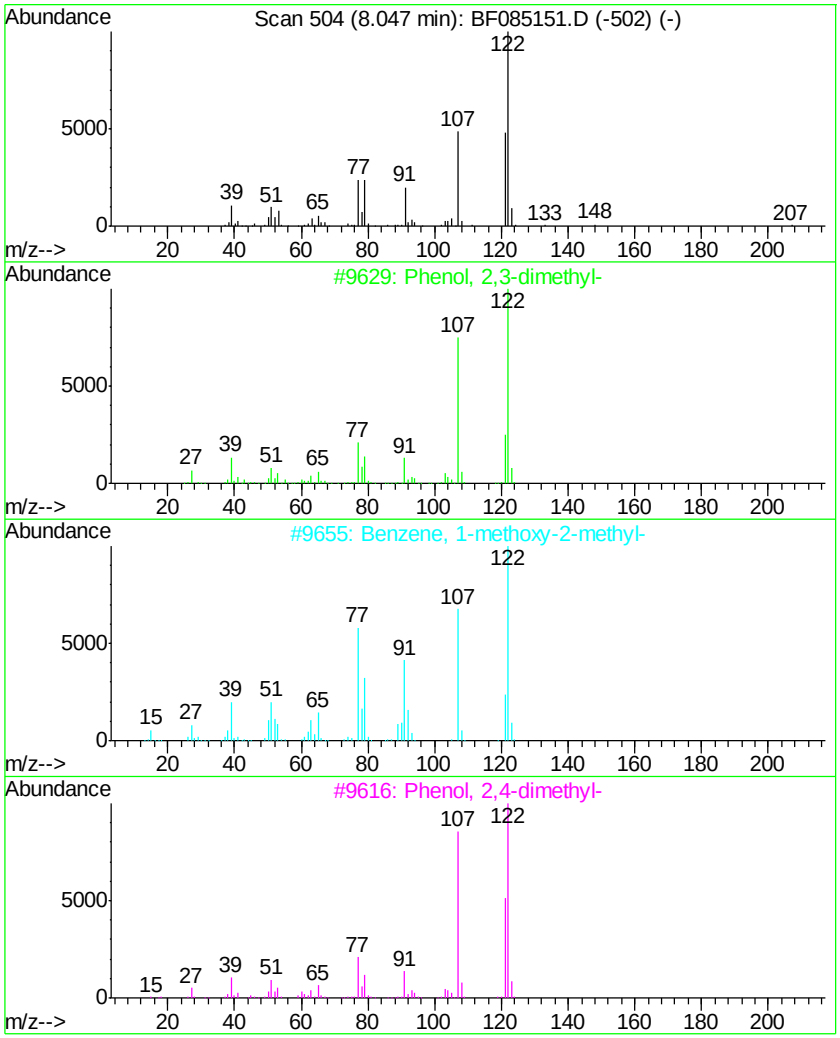
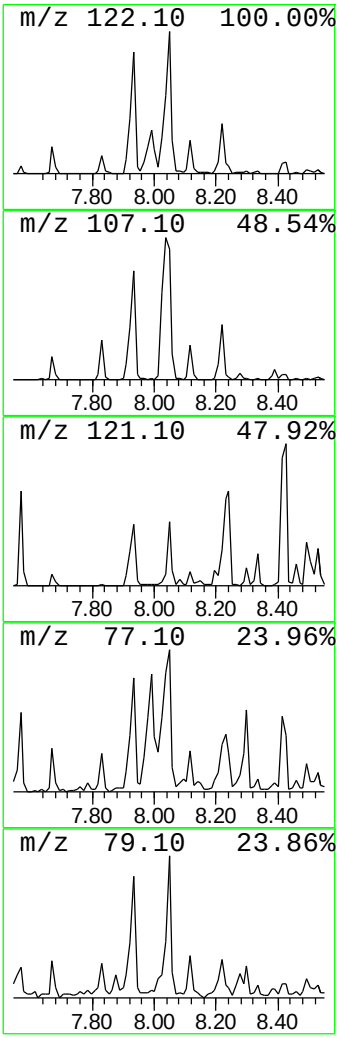
Peak Number 12 Phenol, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	4.17 ng	454699	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	87
2	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	86
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	83
4	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	81
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	80





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ClientSampleId : WASTE-2

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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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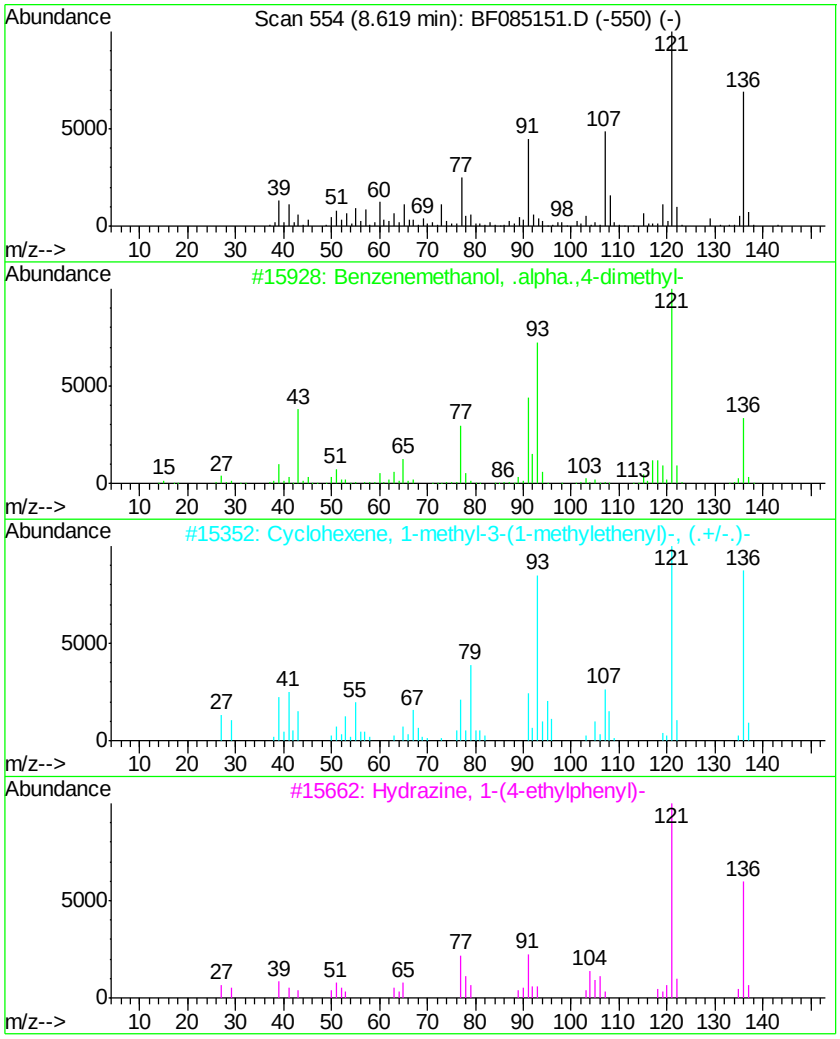
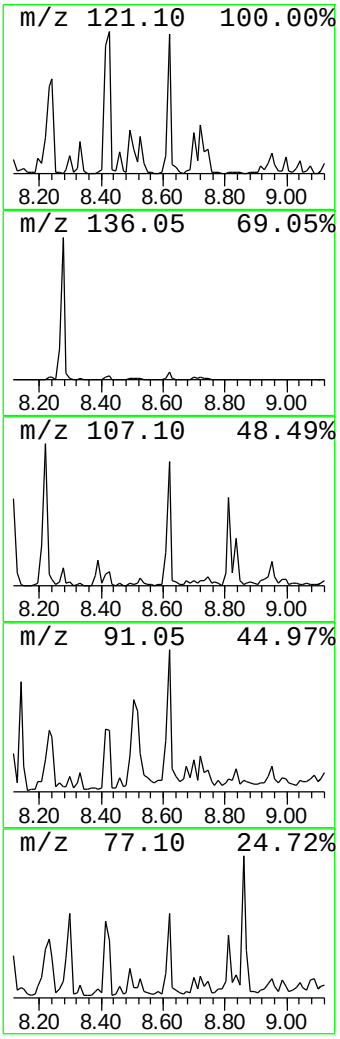
Peak Number 13 Benzenemethanol, .alpha.,4-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.84 ng	418471	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	76
2	Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	72
3	Hydrazine, 1-(4-ethylphenyl)-	136	C8H12N2	054840-34-5	64
4	2,4-Dimethylanisole	136	C9H12O	006738-23-4	64
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	58





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

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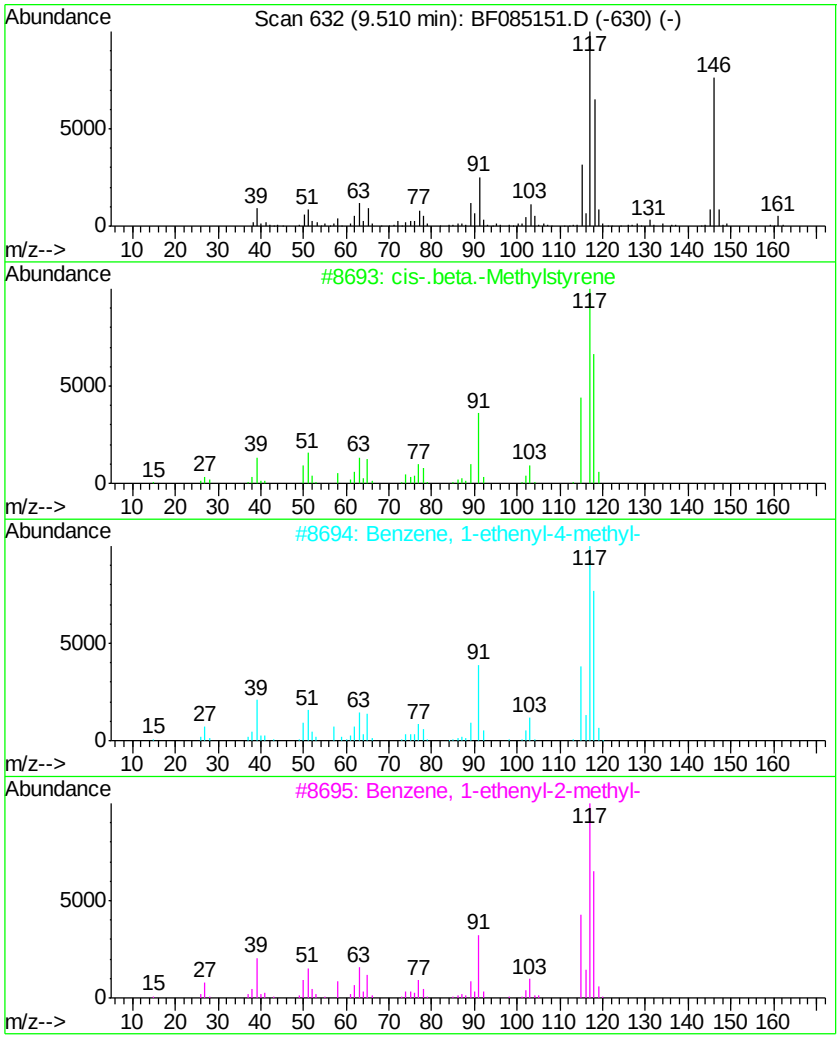
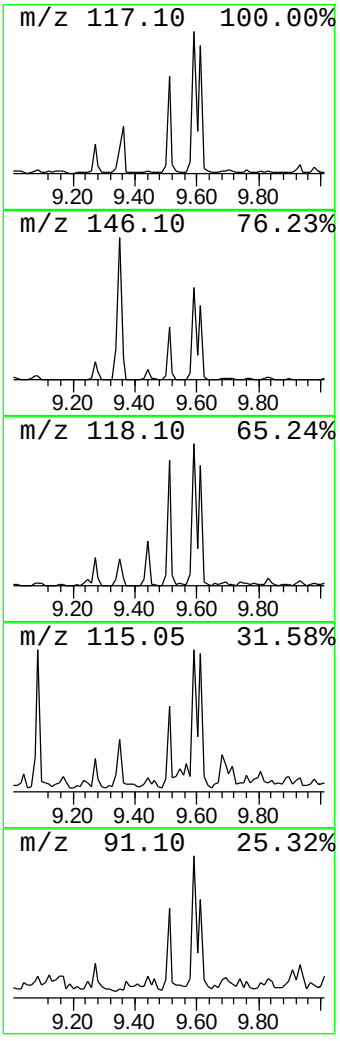
Peak Number 14 cis-.beta.-Methylstyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	2.90 ng	228312	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	89
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
5	Indane	118	C9H10	000496-11-7	55





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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

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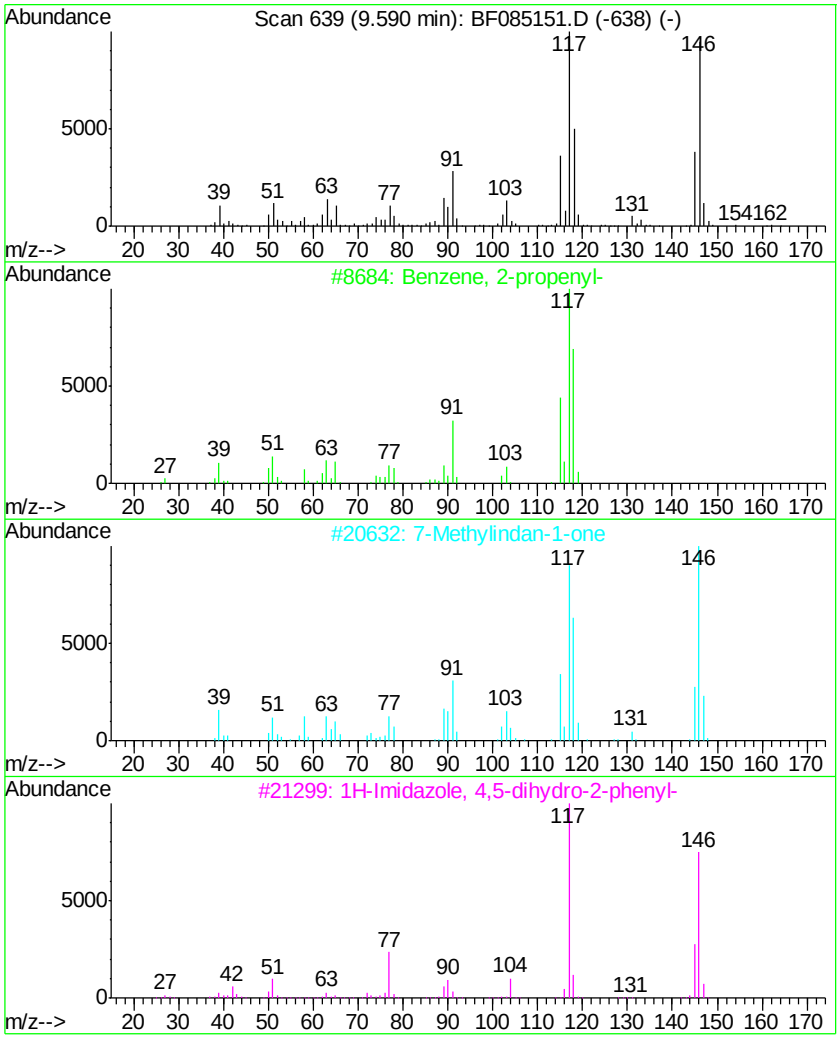
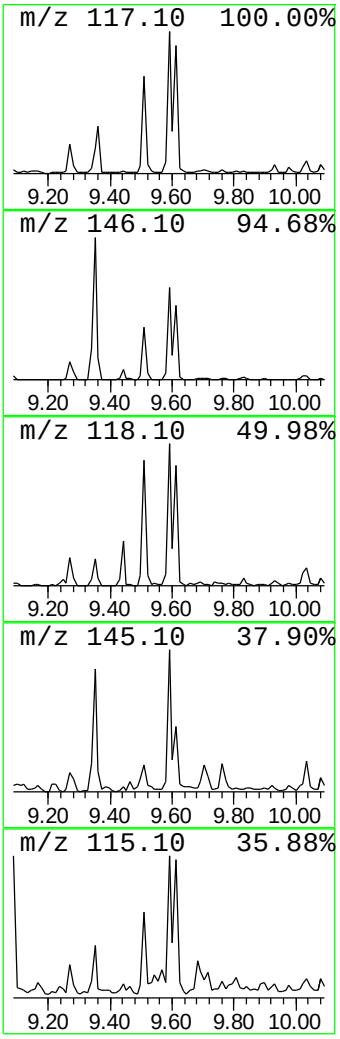
Peak Number 15 Benzene, 2-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	9.45 ng	744156	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
2	7-Methylindan-1-one	146	C10H10O	039627-61-7	76
3	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	68
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
5	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	64





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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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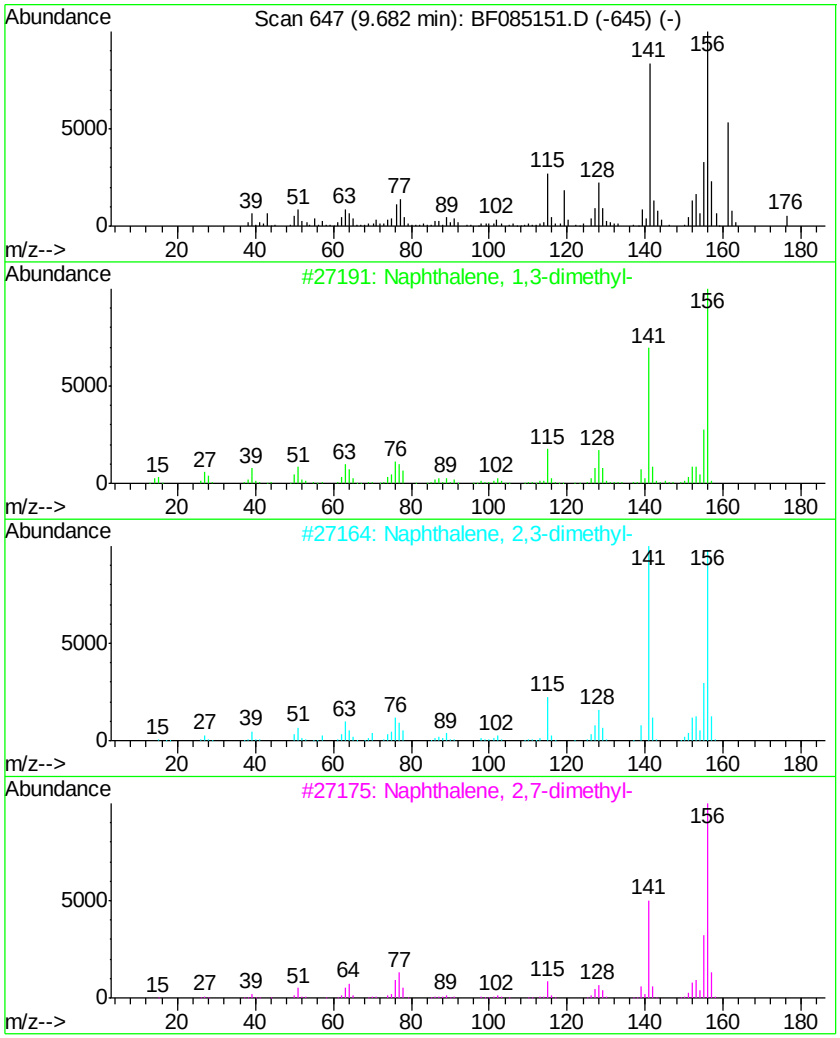
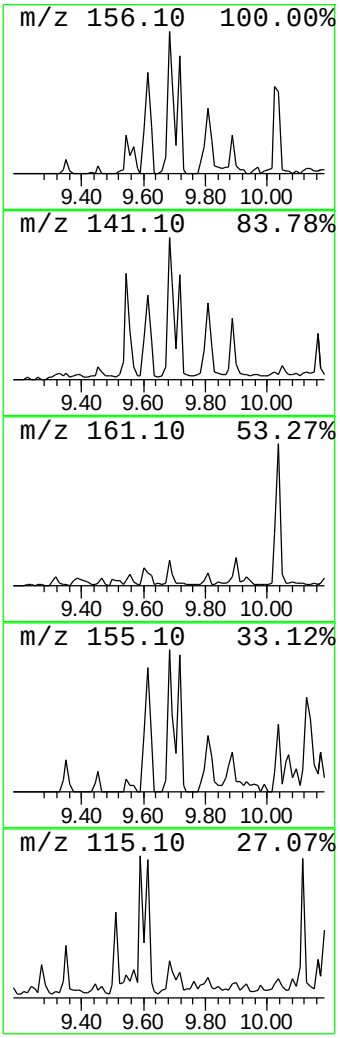
Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.79 ng	219893	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93





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TIC Library : C:\DATABASE\NIST02.L
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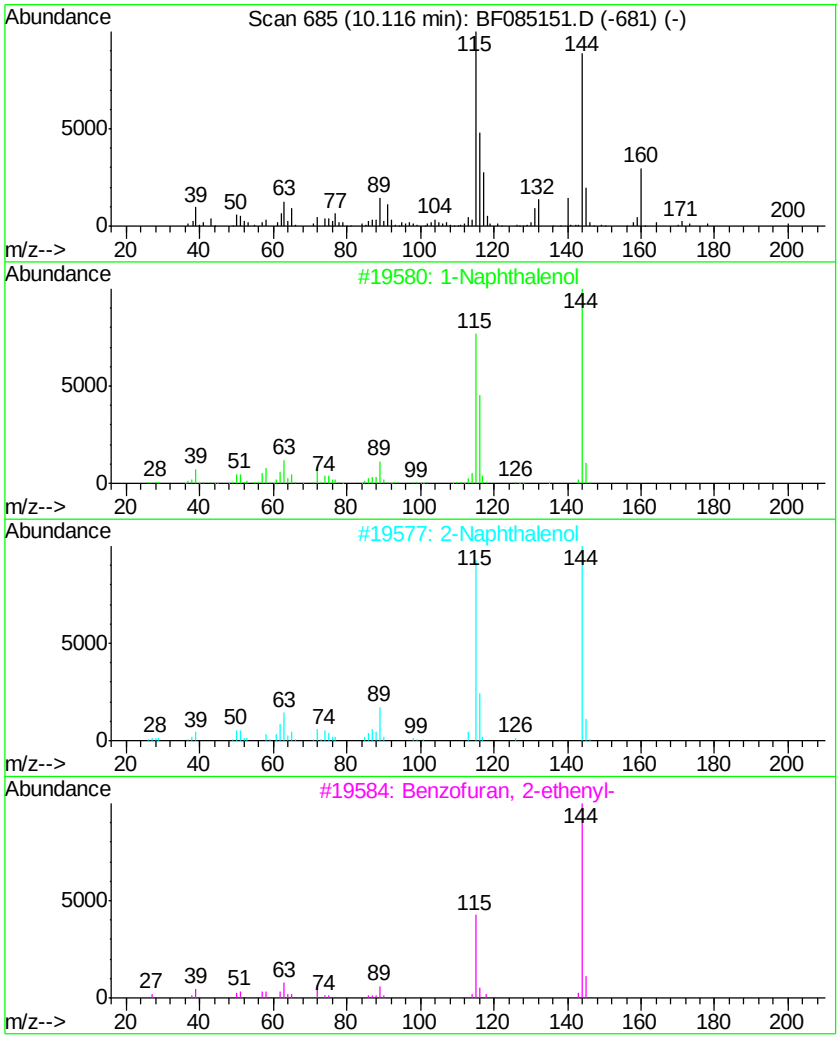
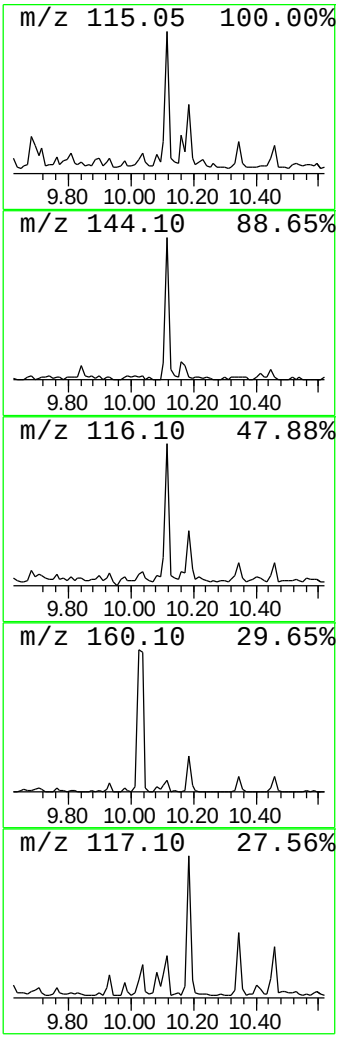
Peak Number 17 1-Naphthalenol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	3.20 ng	252181	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol	144	C10H8O	000090-15-3	70
2	2-Naphthalenol	144	C10H8O	000135-19-3	60
3	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	60
4	Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	60
5	Furan, 3-phenyl-	144	C10H8O	013679-41-9	53





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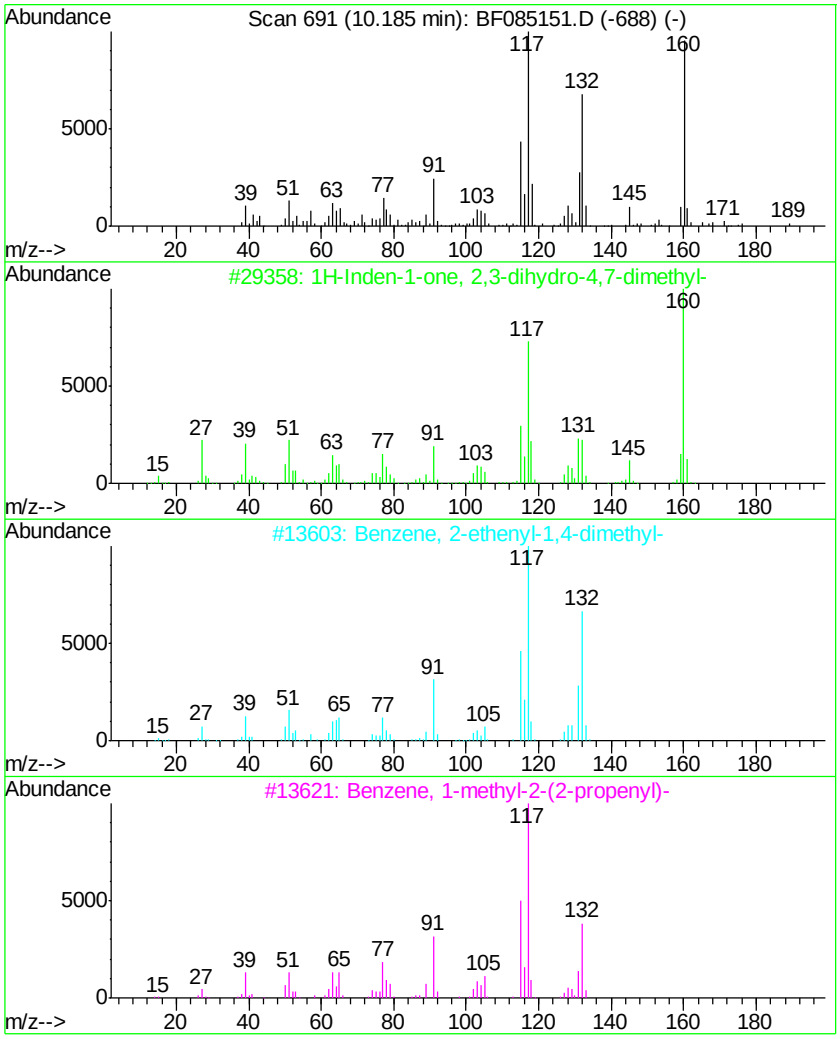
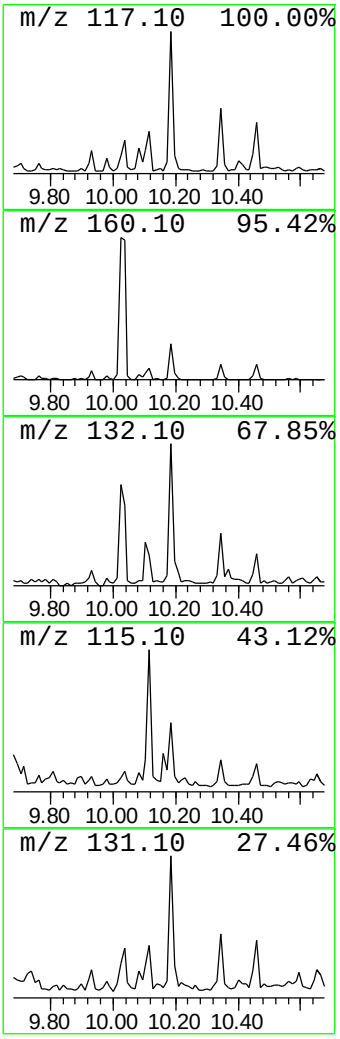
Peak Number 18 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	3.06 ng	241024	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	78





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TIC Integration Parameters: LSCINT.P

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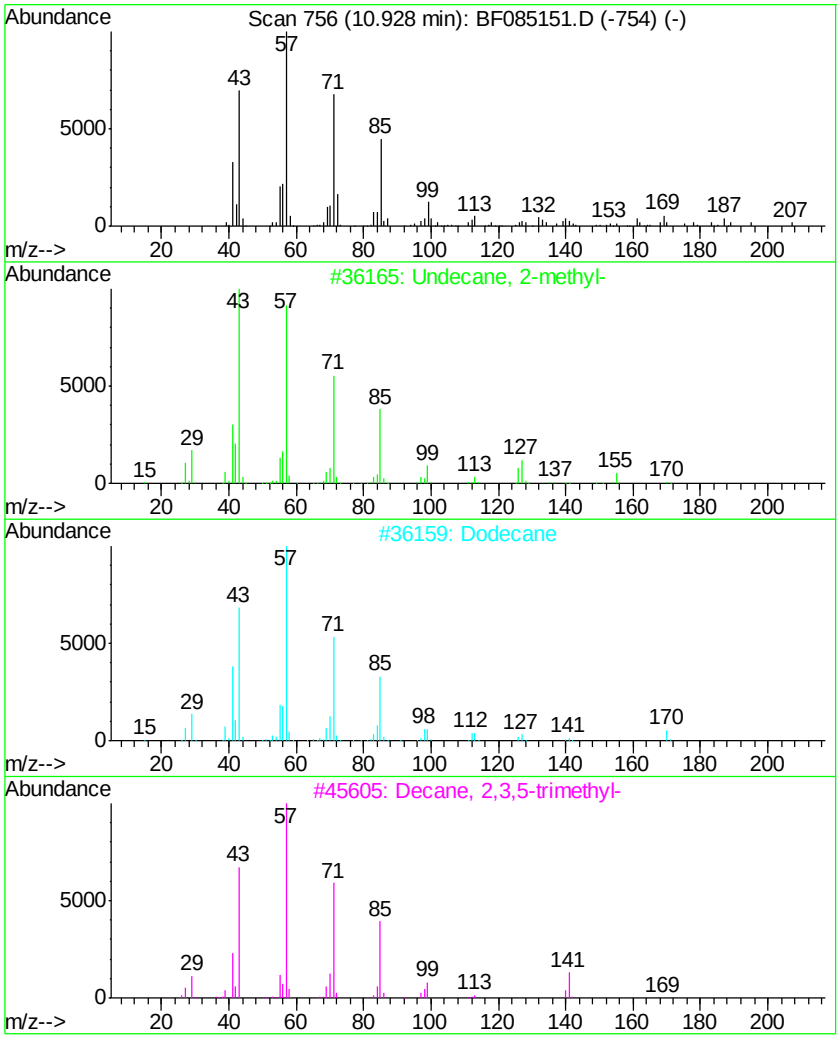
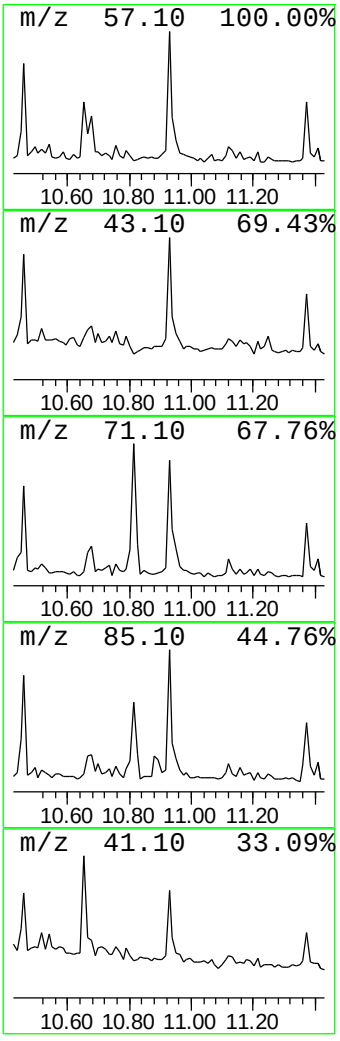
Peak Number 19 Undecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.99 ng	193598	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	83
2	Dodecane	170	C12H26	000112-40-3	64
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
4	Tetradecane	198	C14H30	000629-59-4	64
5	Tridecane	184	C13H28	000629-50-5	64





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

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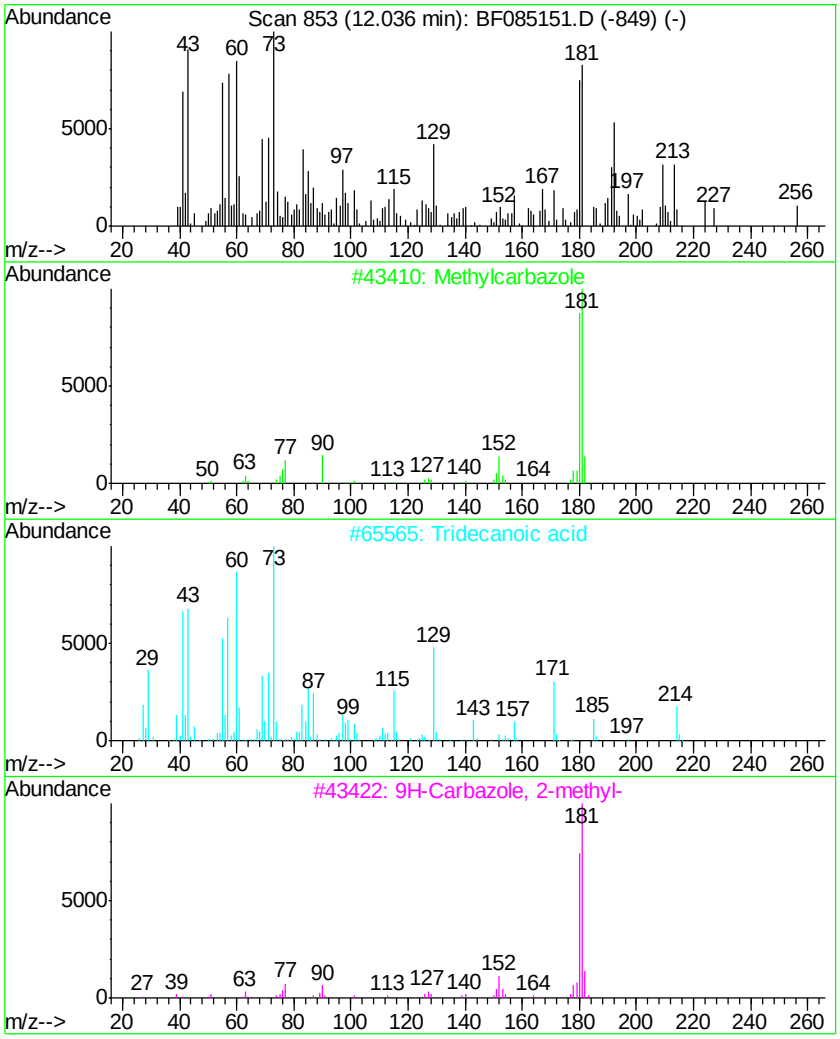
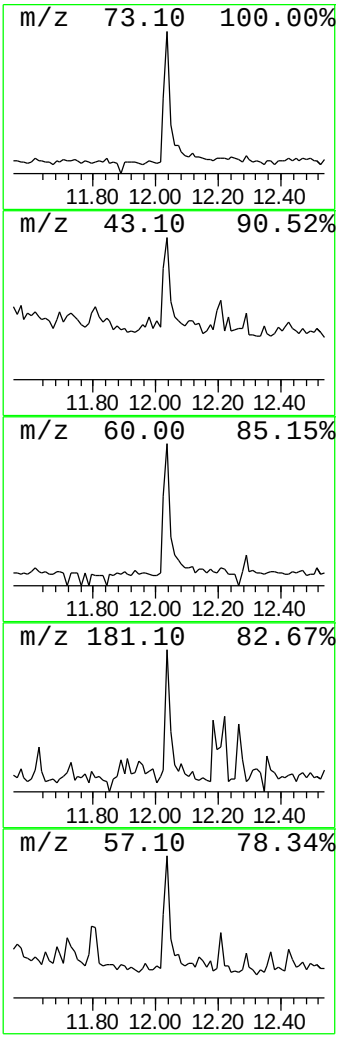
Peak Number 20 Methylcarbazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.46 ng	159589	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylcarbazole	181	C13H11N	027323-29-1	80
2	Tridecanoic acid	214	C13H26O2	000638-53-9	50
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	42
4	4-Methylcarbazole	181	C13H11N	003770-48-7	42
5	1-Methylcarbazole	181	C13H11N	006510-65-2	42





Tentatively Identified Compound (LSC) summary

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Acq On : 3 Mar 2016 6:02
Operator : SJ/IZ
Sample : H1640-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-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
n-Propyl acetate	2.90	3.4	ng	185910	1	7.00	1102570	20.0
2-Pentanone, 4-hy...	5.21	27.4	ng	1511650	1	7.00	1102570	20.0
3-Heptanone	5.75	5.8	ng	319646	1	7.00	1102570	20.0
Benzene, 1,3-dime...	5.84	4.5	ng	246949	1	7.00	1102570	20.0
unknown6.76	6.76	89.7	ng	4944220	1	7.00	1102570	20.0
Benzene, 1,2,3-tr...	6.81	4.2	ng	229001	1	7.00	1102570	20.0
1-Hexanol, 2-ethyl-	7.05	31.2	ng	1720980	1	7.00	1102570	20.0
Phenol, 2,6-dimet...	7.67	2.9	ng	320147	2	8.28	2179980	20.0
unknown8.01	8.01	5.8	ng	631530	2	8.28	2179980	20.0
Phenol, 2,3-dimet...	8.05	4.2	ng	454699	2	8.28	2179980	20.0
Benzenemethanol, ...	8.62	3.8	ng	418471	2	8.28	2179980	20.0
cis-.beta.-Methyl...	9.51	2.9	ng	228312	3	10.02	1574740	20.0
Benzene, 2-propenyl-	9.59	9.4	ng	744156	3	10.02	1574740	20.0
Naphthalene, 1,3-...	9.68	2.8	ng	219893	3	10.02	1574740	20.0
1-Naphthalenol	10.12	3.2	ng	252181	3	10.02	1574740	20.0
1H-Inden-1-one, 2...	10.18	3.1	ng	241024	3	10.02	1574740	20.0
Undecane, 2-methyl-	10.93	3.0	ng	193598	4	11.51	1296810	20.0
Methylcarbazole	12.04	2.5	ng	159589	4	11.51	1296810	20.0