LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090655.D
Acq On : 19 Oct 2016 18:42
Operator : UM/SJ
Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

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-BF101316.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	5.057	236	238	247	rBV	404887	541613	9.35%	0.900%
2	5.491	274	276	278	rBV	2081766	2411928	41.66%	4.007%
3	6.520	363	366	368	rBV	1374945	1629160	28.14%	2.706%
4	6.657	375	378	380	rBV	4013184	4603020	79.50%	7.646%
5	6.886	396	398	409	rBV	1297508	1332180	23.01%	2.213%
6	7.046	409	412	414	rVV	3463184	3960630	68.40%	6.579%
7	7.137	418	420	422	rVV	174743	173796	3.00%	0.289%
8	7.229	425	428	430	rBV	179437	151303	2.61%	0.251%
9	7.423	442	445	446	rBV	386004	521584	9.01%	0.866%
10	7.446	446	447	450	rVV2	2260914	3103694	53.60%	5.156%
11	7.537	453	455	456	rVV	116101	170586	2.95%	0.283%
12	7.572	456	458	460	rVV	111748	194086	3.35%	0.322%
13	7.663	462	466	468	rVB	359475	497740	8.60%	0.827%
14	7.777	474	476	477	rBV	74304	66456	1.15%	0.110%
15	7.823	477	480	485	rVB3	170205	315189	5.44%	0.524%
16	7.915	485	488	490	rBV	621696	838434	14.48%	1.393%
17	8.075	500	502	503	rBV	65352	70886	1.22%	0.118%
18	8.166	508	510	514	rVV	1424343	2476397	42.77%	4.114%
19	8.223	514	515	516	rVV	240928	176806	3.05%	0.294%
20	8.257	516	518	520	rVB	80201	90721	1.57%	0.151%
21	8.326	523	524	525	rBV	109014	95160	1.64%	0.158%
22	8.372	525	528	530	rVV	530144	513312	8.87%	0.853%
23	8.417	530	532	534	rVV	324526	297632	5.14%	0.494%
24	8.452	534	535	538	rVV3	112174	151704	2.62%	0.252%
25	8.555	542	544	547	rVB	225838	252519	4.36%	0.419%
26	8.646	547	552	553	rBV2	349160	518630	8.96%	0.862%
27	8.680	553	555	558	rVB2	133154	222242	3.84%	0.369%
28	8.738	558	560	561	rBV	297069	300259	5.19%	0.499%
29	8.760	561	562	564	rVV2	141879	137304	2.37%	0.228%
30	8.795	564	565	567	rVV2	56827	68456	1.18%	0.114%
31	8.829	567	568	570	rVB2	339056	372853	6.44%	0.619%
32	9.000	579	583	587	rVB2	346309	658873	11.38%	1.095%
33	9.115	587	593	594	rBV4	191786	508692	8.79%	0.845%
34	9.172	597	598	602	rBV4	53306	118594	2.05%	0.197%

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Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C7-GW

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-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.252	602	605	607	rBV	6181444	5790198	100.00%	9.619%
36	9.355	612	614	615	rVV2	125301	154048	2.66%	0.256%
37	9.400	615	618	619	rVV	207571	270758	4.68%	0.450%
38	9.423	619	620	622	rVV2	100874	199386	3.44%	0.331%
39	9.458	622	623	625	rVB	223844	184976	3.19%	0.307%
40	9.515	625	628	632	rBV2	235739	480132	8.29%	0.798%
41	9.583	632	634	637	rVV3	462959	696164	12.02%	1.156%
42	9.640	637	639	643	rVV2	142205	283203	4.89%	0.470%
43	9.720	643	646	647	rVV	514481	856155	14.79%	1.422%
44	9.789	649	652	654	rBV	525234	499937	8.63%	0.830%
45	9.926	662	664	666	rBV	2434306	2302753	39.77%	3.825%
46	9.960	666	667	669	rVB	369962	293681	5.07%	0.488%
47	10.040	672	674	675	rBV	68796	85167	1.47%	0.141%
48	10.086	675	678	680	rBV2	65837	89915	1.55%	0.149%
49	10.132	680	682	684	rBV2	149575	205381	3.55%	0.341%
50	10.166	684	685	687	rVB	144734	138922	2.40%	0.231%
51	10.246	690	692	693	rBV2	305659	383173	6.62%	0.637%
52	10.349	697	701	705	rVB3	192588	473768	8.18%	0.787%
53	10.441	705	709	710	rBV3	90759	207681	3.59%	0.345%
54	10.475	710	712	714	rVB2	335576	321701	5.56%	0.534%
55	10.543	714	718	721	rBV	777758	938870	16.21%	1.560%
56	10.589	721	722	723	rBV	107740	86298	1.49%	0.143%
57	10.669	726	729	731	rBV	388995	418313	7.22%	0.695%
58	10.726	731	734	736	rBV2	2673202	4006087	69.19%	6.655%
59	10.841	741	744	748	rVB4	110821	232680	4.02%	0.387%
60	10.921	748	751	752	rBV3	66581	125036	2.16%	0.208%
61	11.012	757	759	761	rBV3	109618	208929	3.61%	0.347%
62	11.058	761	763	764	rBV	179730	206764	3.57%	0.343%
63	11.161	769	772	775	rVB2	86725	203203	3.51%	0.338%
64	11.286	779	783	788	rVB6	71030	187008	3.23%	0.311%
65	11.412	792	794	797	rBV	2033095	2105010	36.35%	3.497%
66	11.526	803	804	811	rVB2	67166	116868	2.02%	0.194%
67	11.949	839	841	847	rVB2	177512	193158	3.34%	0.321%
68	12.178	859	861	865	rBV2	69345	106116	1.83%	0.176%
69	12.464	883	886	892	rVB2	71794	135821	2.35%	0.226%
70	12.738	908	910	913	rBV2	54960	76699	1.32%	0.127%
71	12.829	916	918	922	rBV3	41277	80376	1.39%	0.134%

LSC Area Percent Report

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Sample : H5296-05
Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C7-GW

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-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.001	931	933	936	rBV	4338068	5745748	99.23%	9.545%
73	13.892	1009	1011	1014	rBV	91106	138809	2.40%	0.231%
74	14.052	1023	1025	1028	rBV	1592887	1821553	31.46%	3.026%
75	14.910	1097	1100	1109	rVB	50160	113115	1.95%	0.188%
76	15.504	1149	1152	1167	rVB	1036496	1491930	25.77%	2.478%

Sum of corrected areas: 60197929

LSC Report - Integrated Chromatogram

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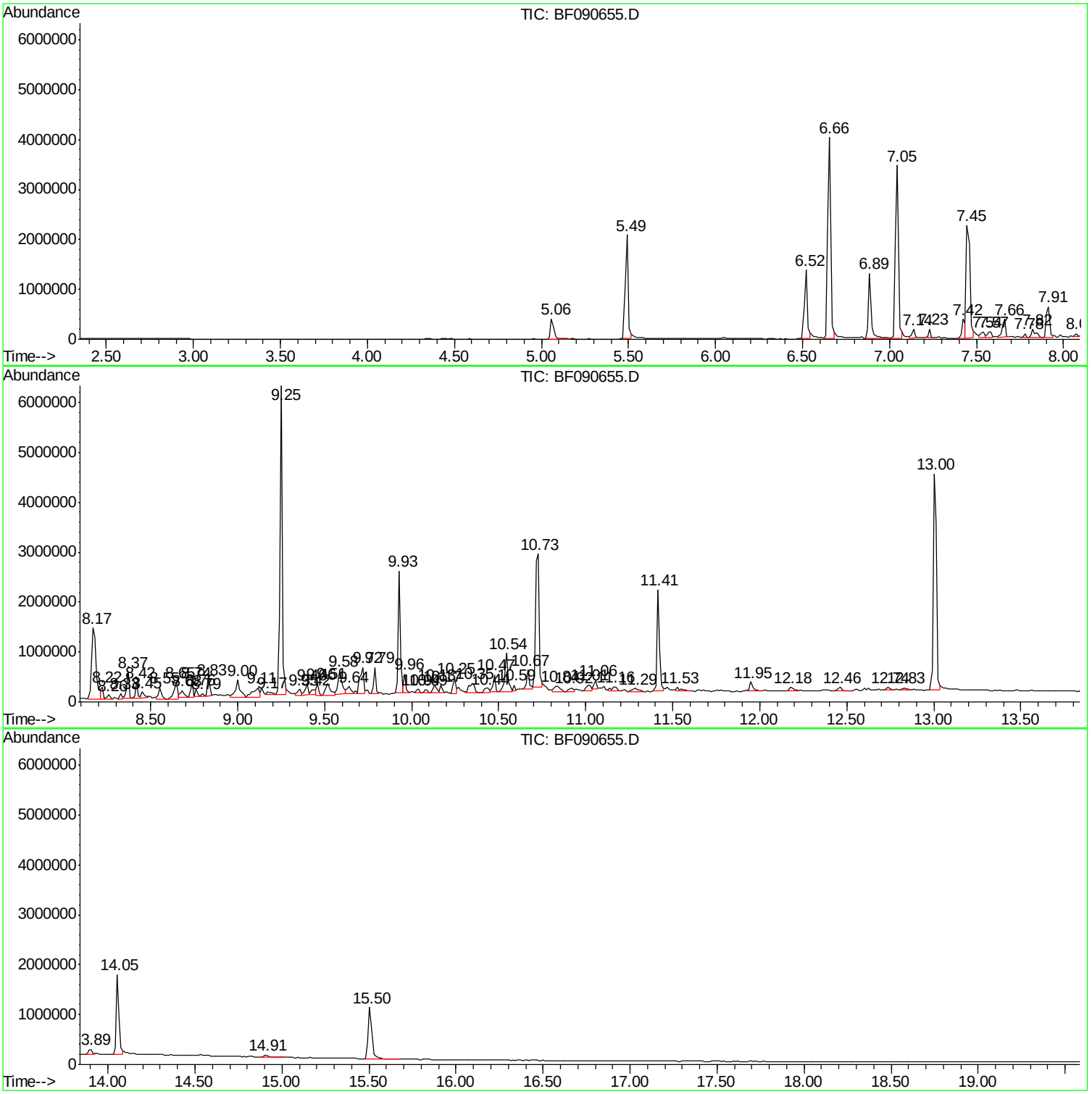
Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090655.D
Acq On : 19 Oct 2016 18:42
Operator : UM/SJ
Sample : H5296-05
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Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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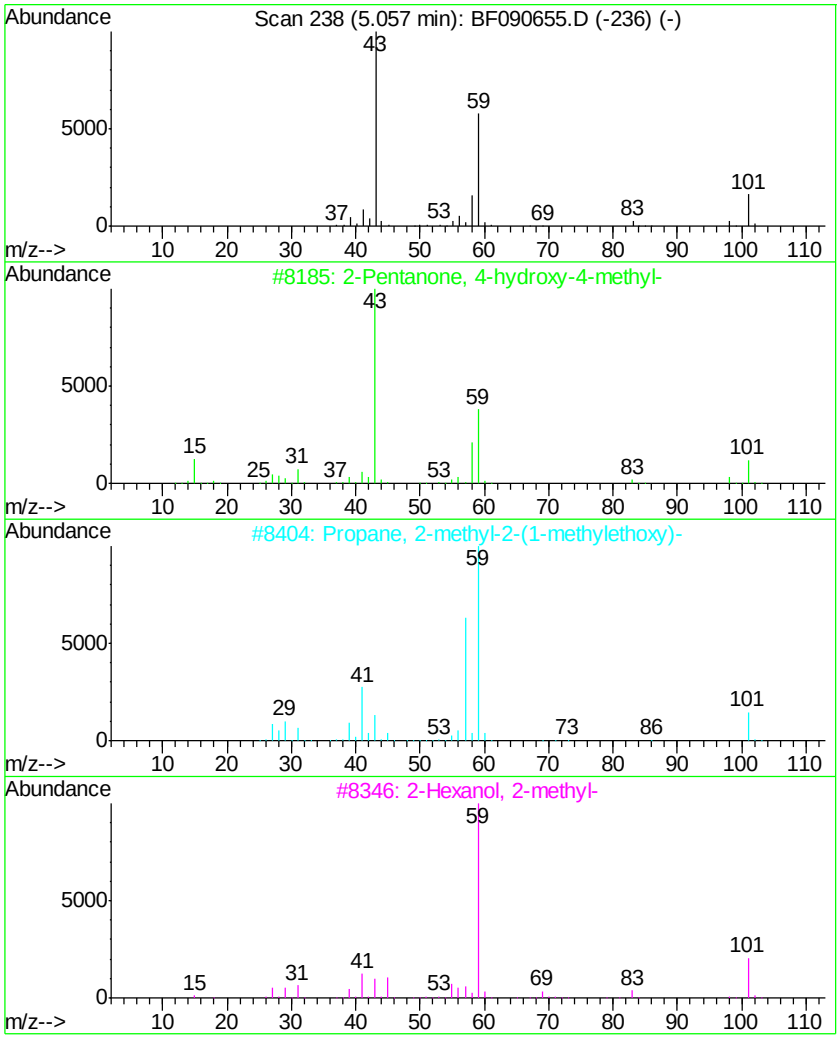
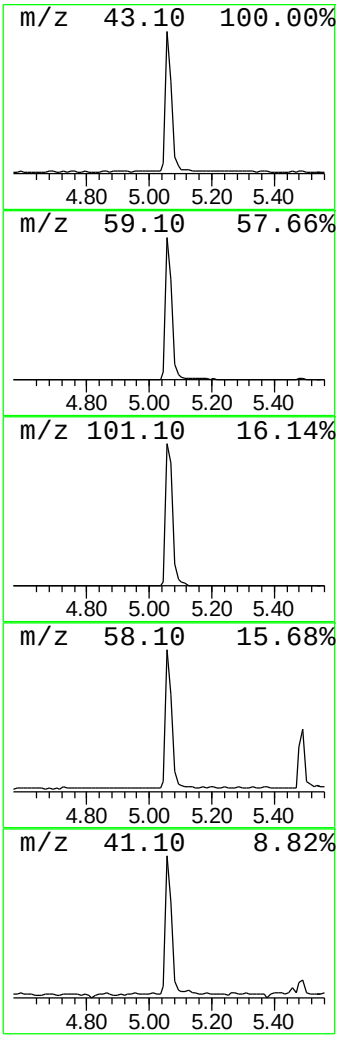
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	8.13 ng	541613	1,4-Dichlorobenzene-d4	6.89

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	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Operator : UM/SJ
Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

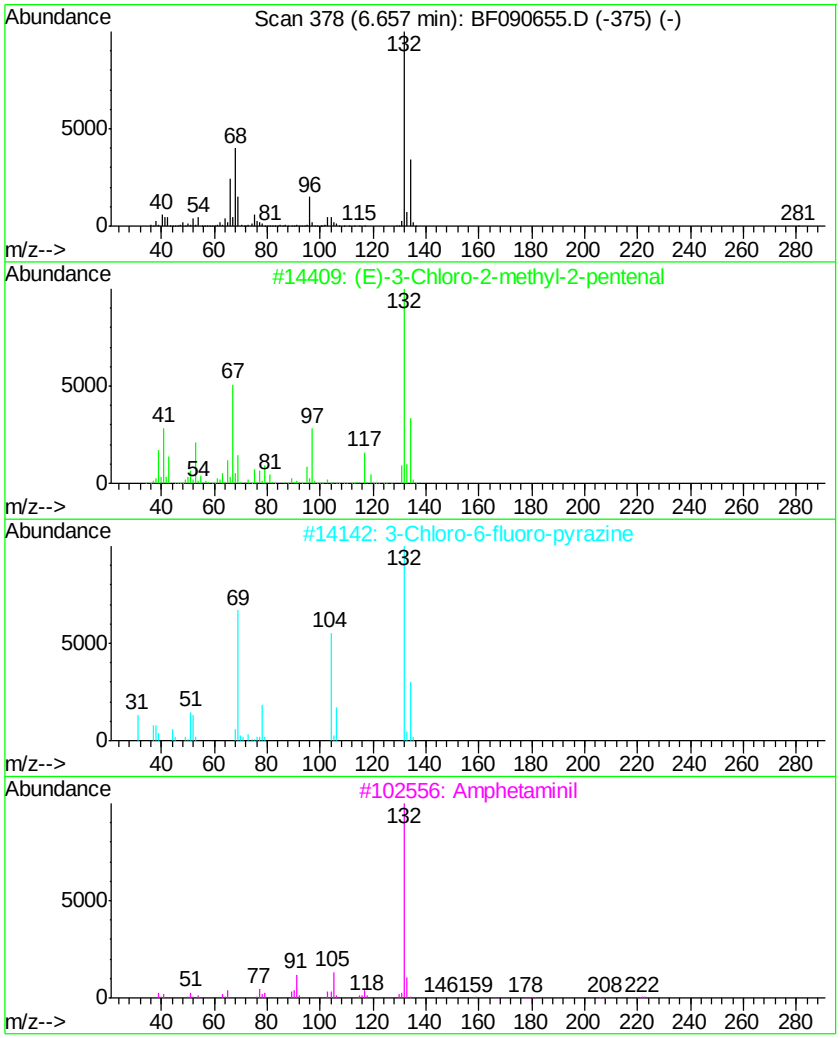
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

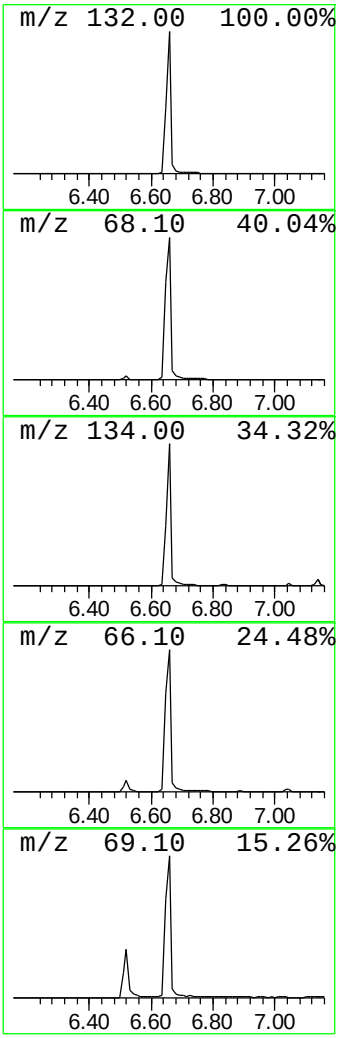
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	69.11 ng	4603020	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Amphetaminil	250	C17H18N2	017590-01-1	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

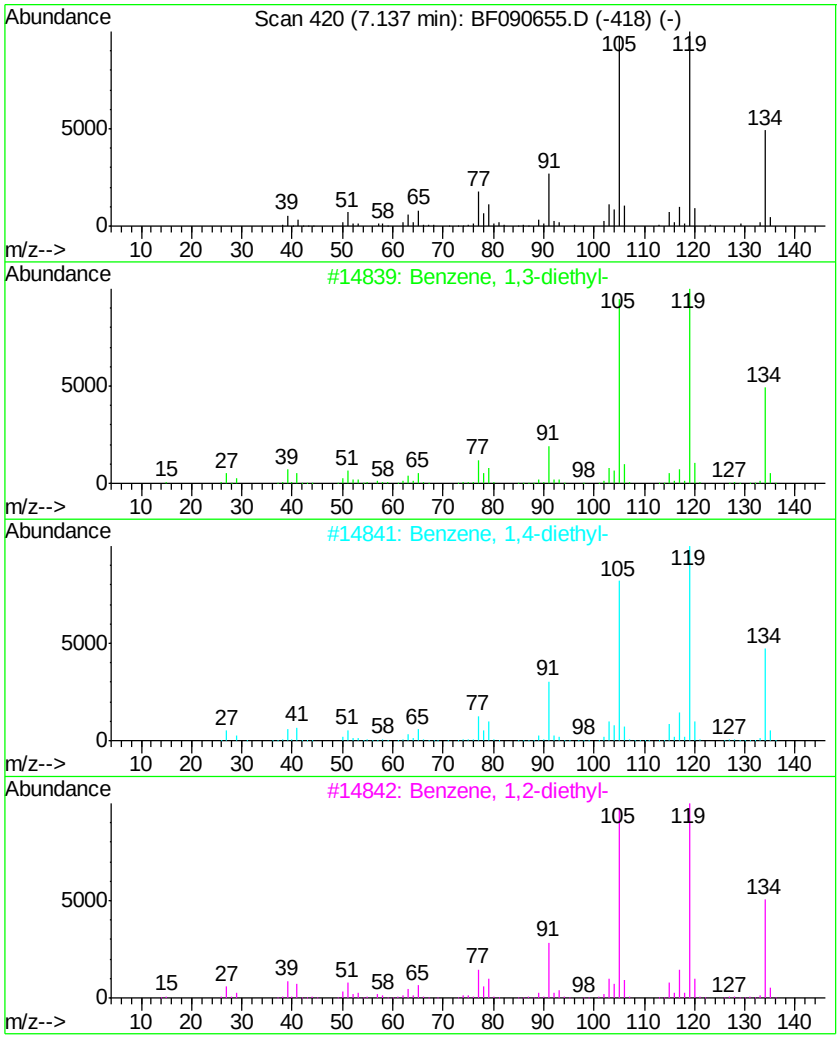
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

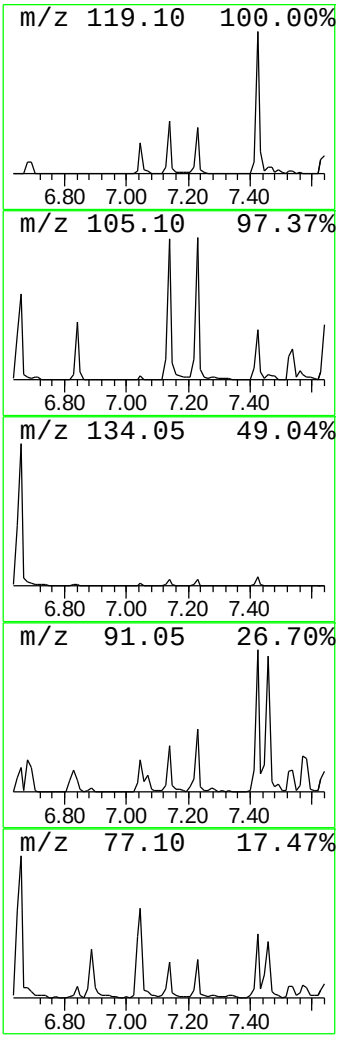
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	2.61 ng	173796	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
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-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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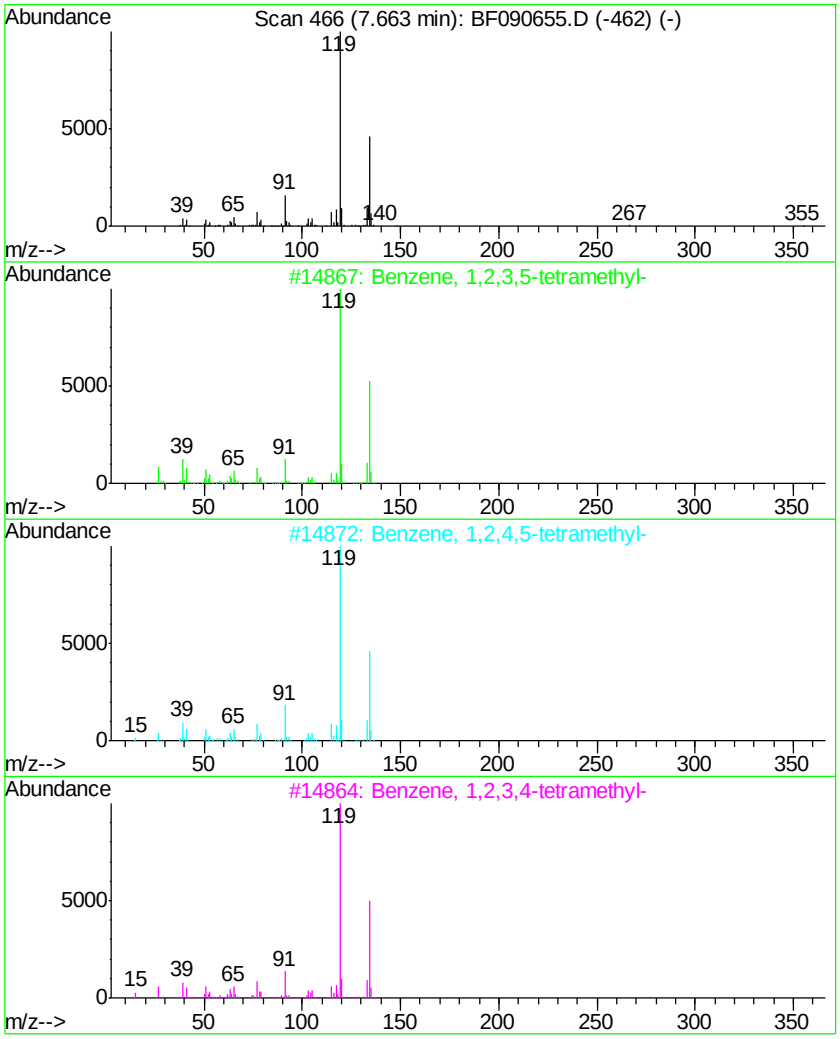
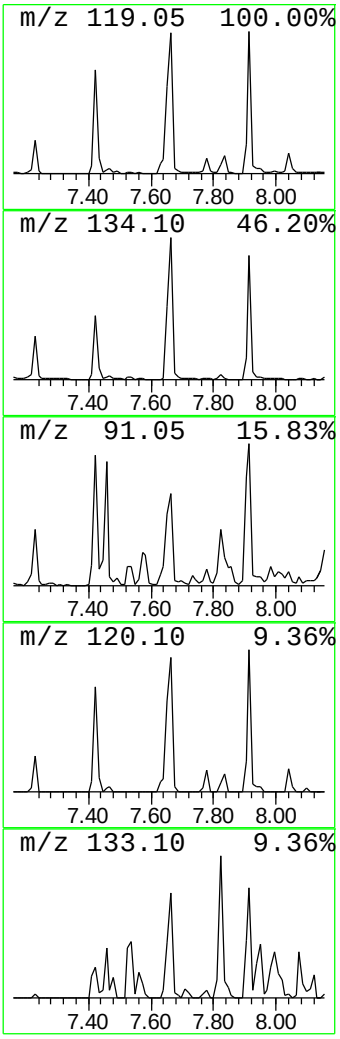
Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	4.02 ng	497740	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





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Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

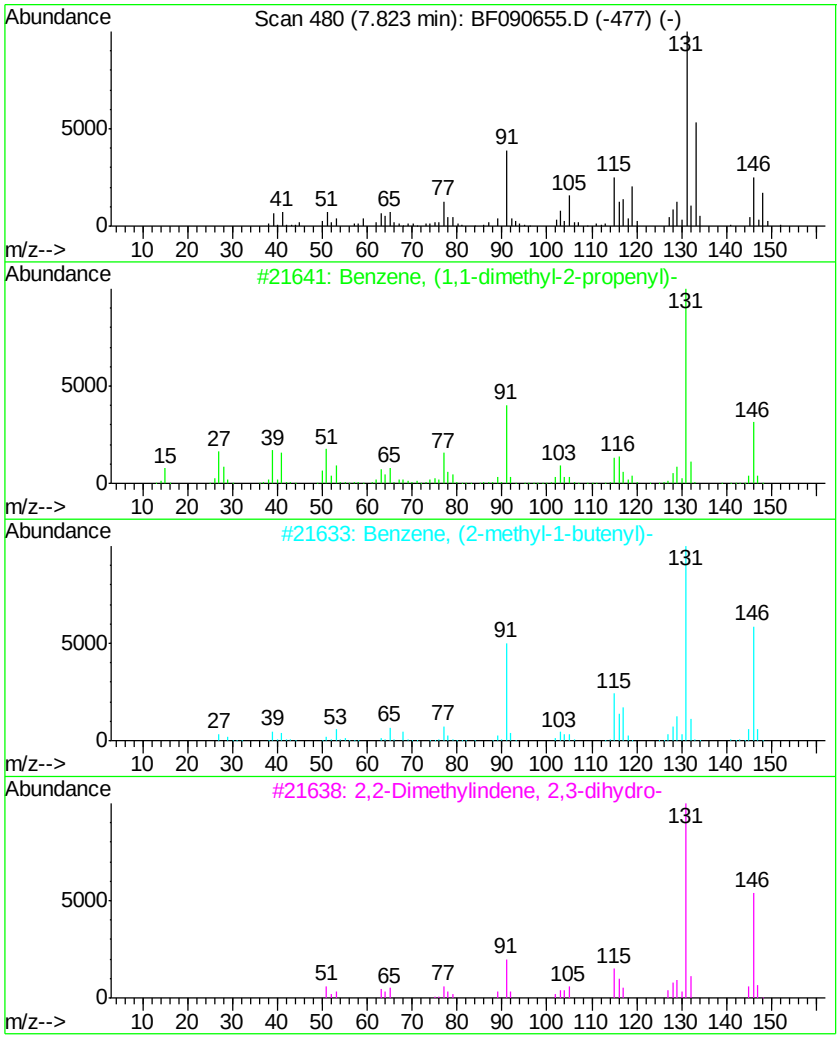
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

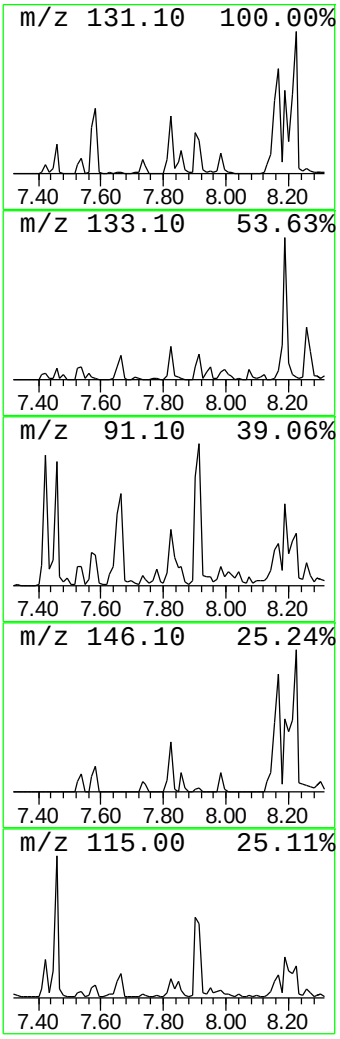
****

Peak Number 6 Benzene, (1,1-dimethyl-2-pr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	2.55 ng	315189	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	91
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	86
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	83





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Operator : UM/SJ
Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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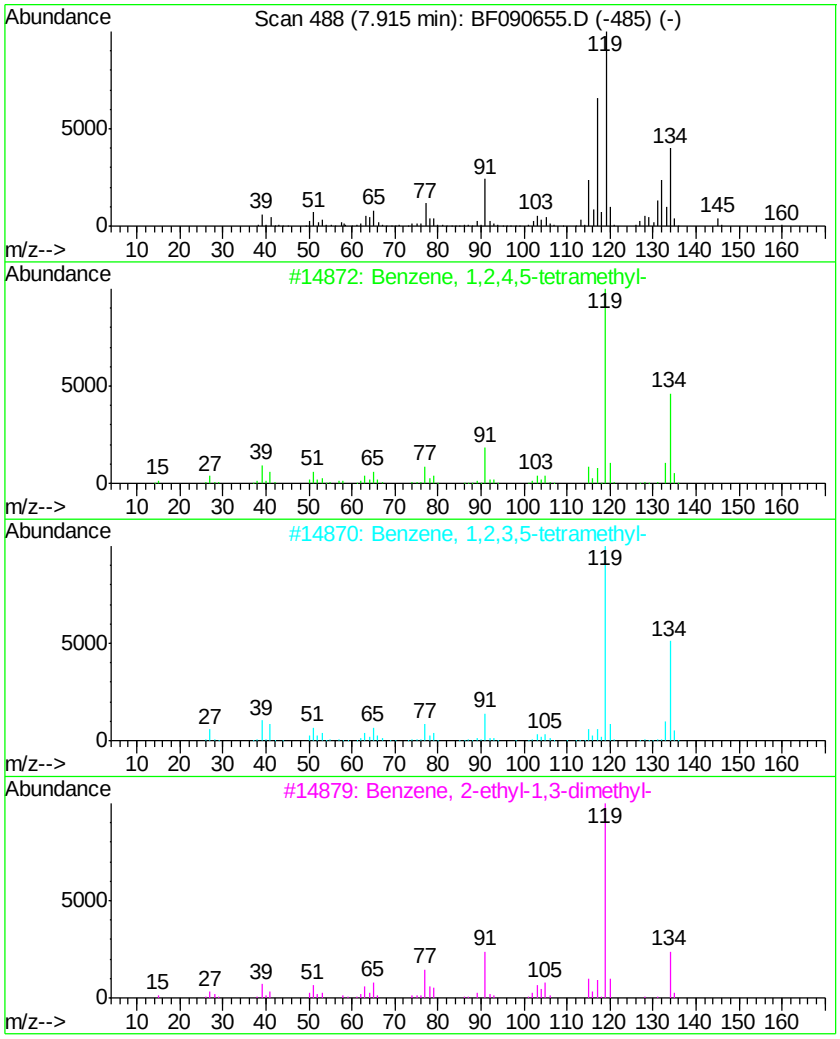
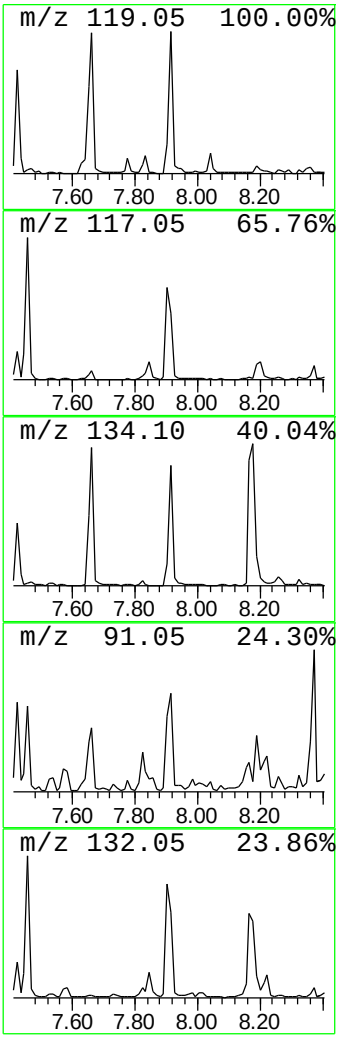
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	6.77 ng	838434	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
4	o-Cymene	134	C10H14	000527-84-4	60
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60





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Operator : UM/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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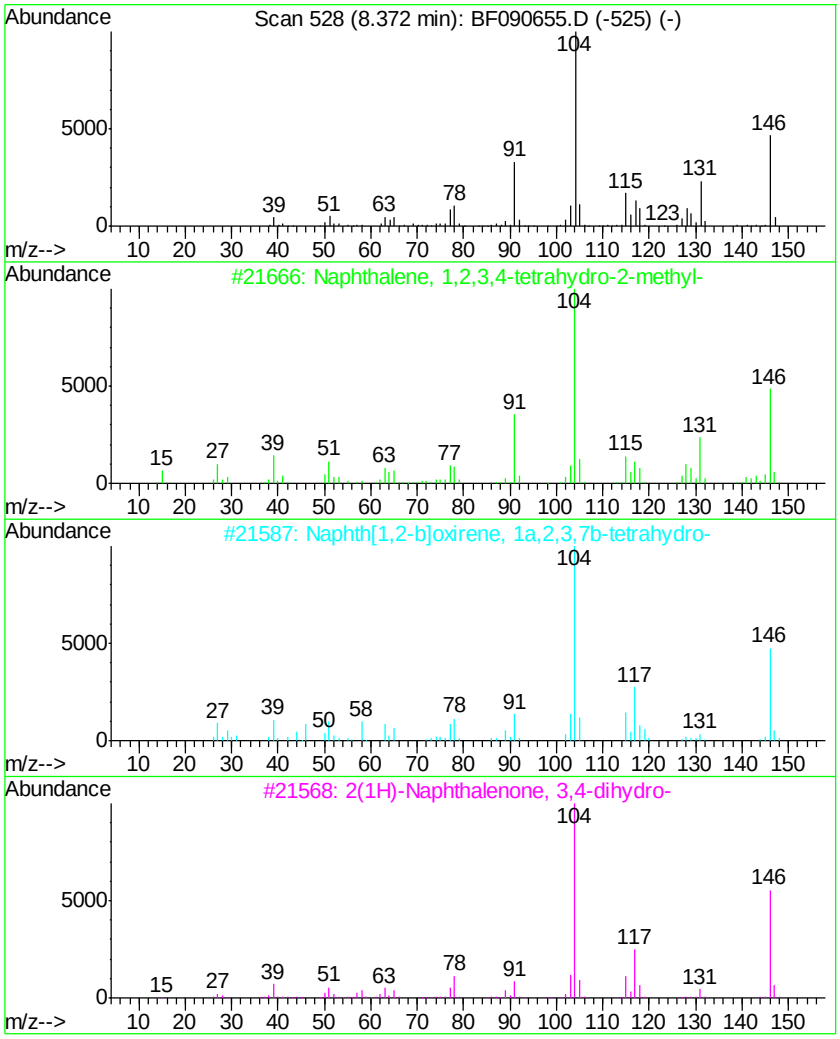
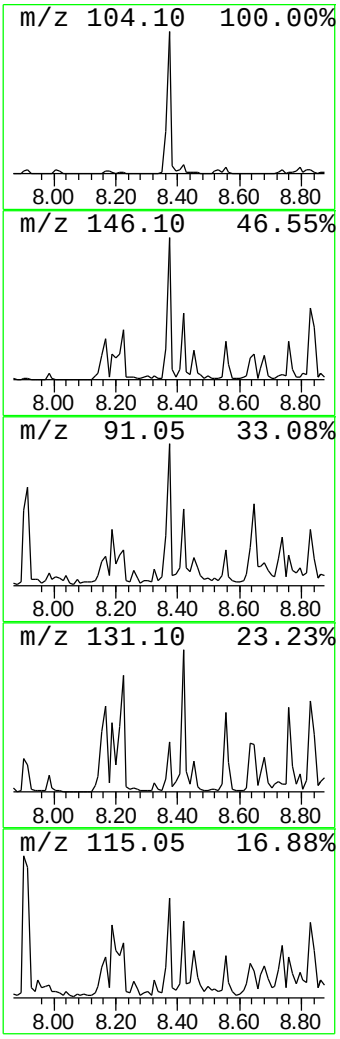
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	4.15 ng	513312	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	64
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
4	2-Propenoic acid, 3-phenyl-, 2-p...	252	C17H16O2	000103-53-7	38
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35





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Acq On : 19 Oct 2016 18:42
Operator : UM/SJ
Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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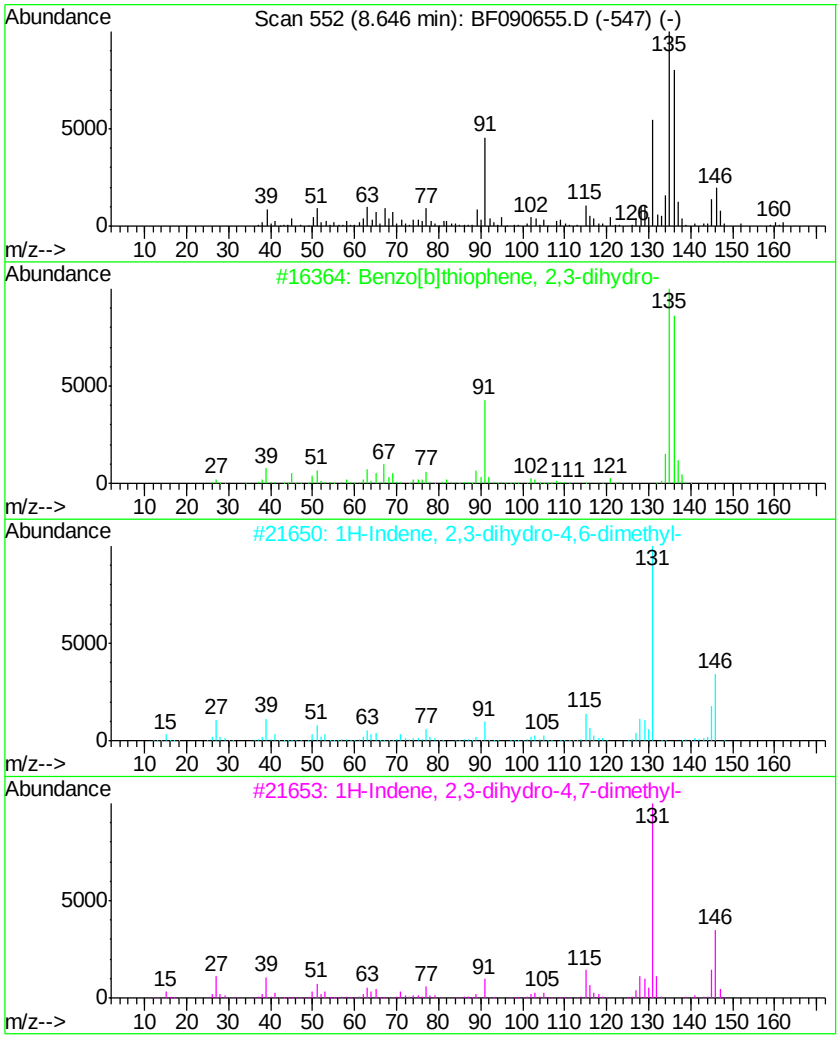
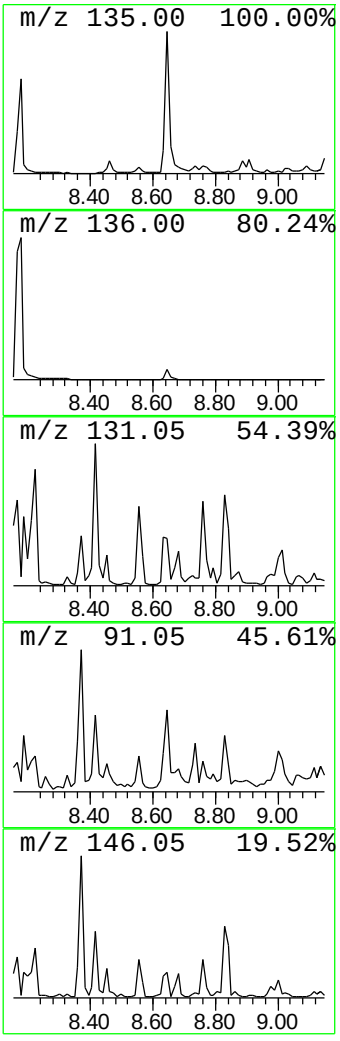
Peak Number 9 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	4.19 ng	518630	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	92
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	64
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	60
5	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	49





Library Search Compound Report

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Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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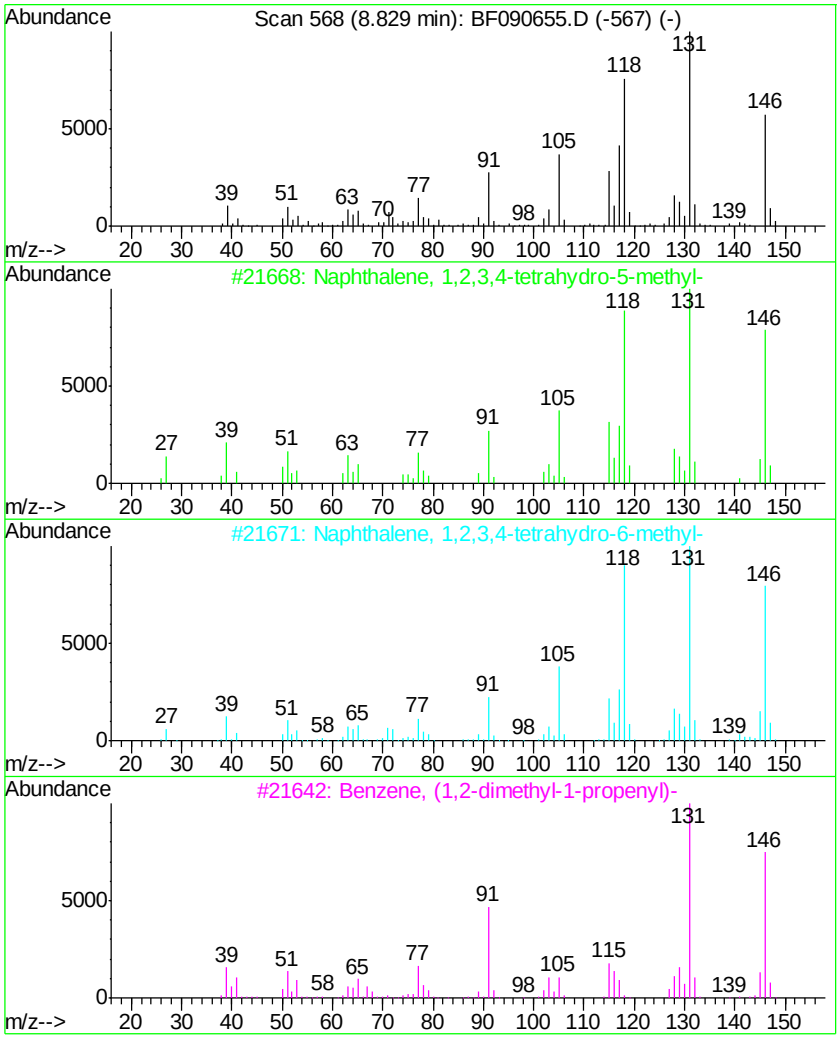
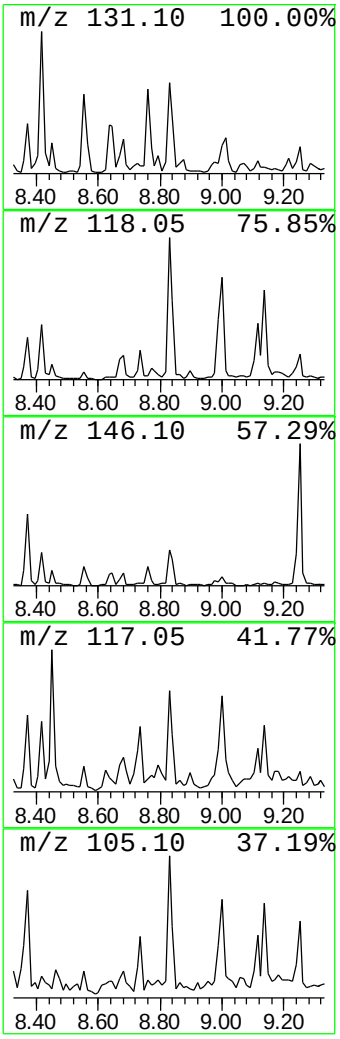
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	3.01 ng	372853	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60





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Operator : UM/SJ
Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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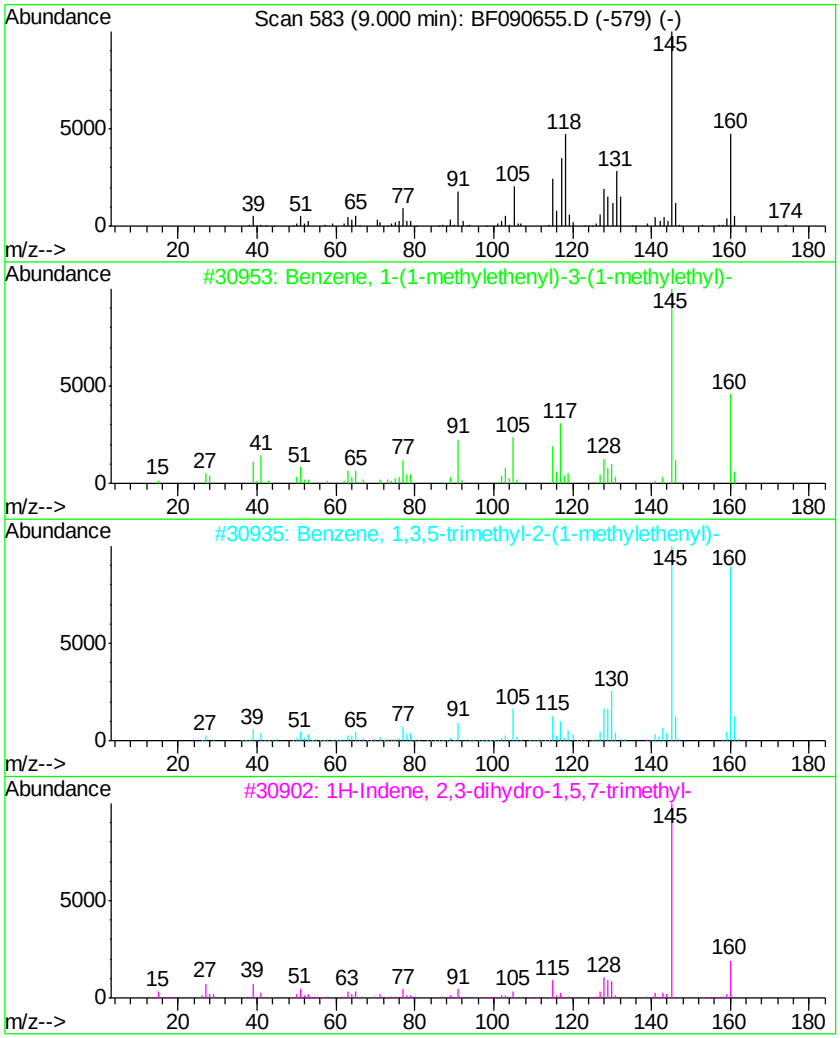
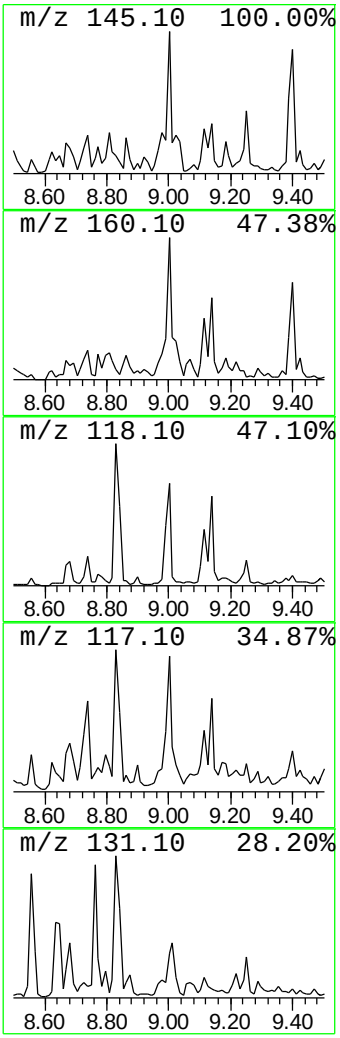
Peak Number 11 Benzene, 1-(1-methylethenyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	5.32 ng	658873	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	92
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	83
3	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	83
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	78
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	76





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Acq On : 19 Oct 2016 18:42
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Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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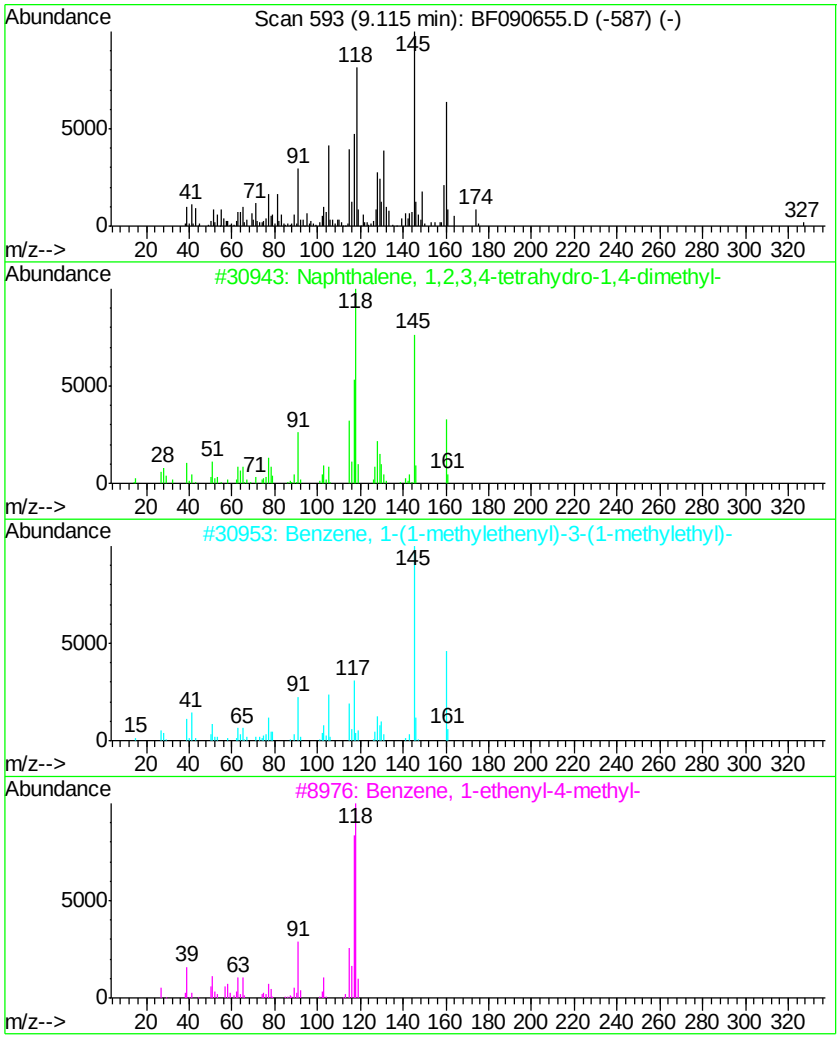
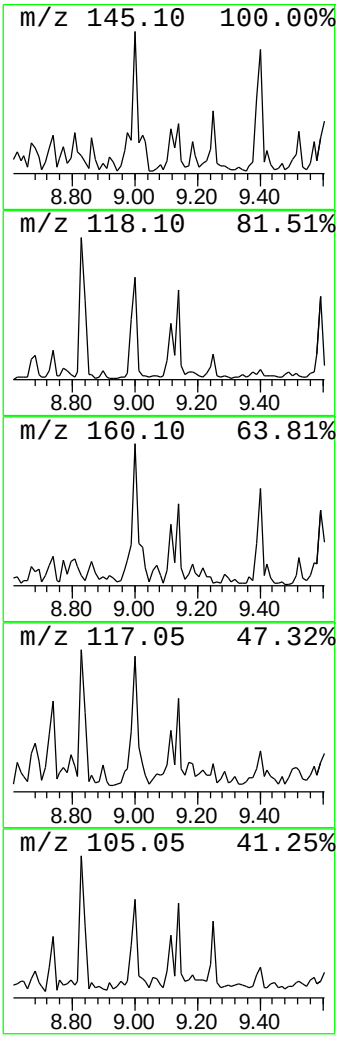
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	4.42 ng	508692	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	87
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55
5	Dec-5-ene-3,7-diyne, 2,9-dimethyl-	160	C12H16	1000211-23-3	53





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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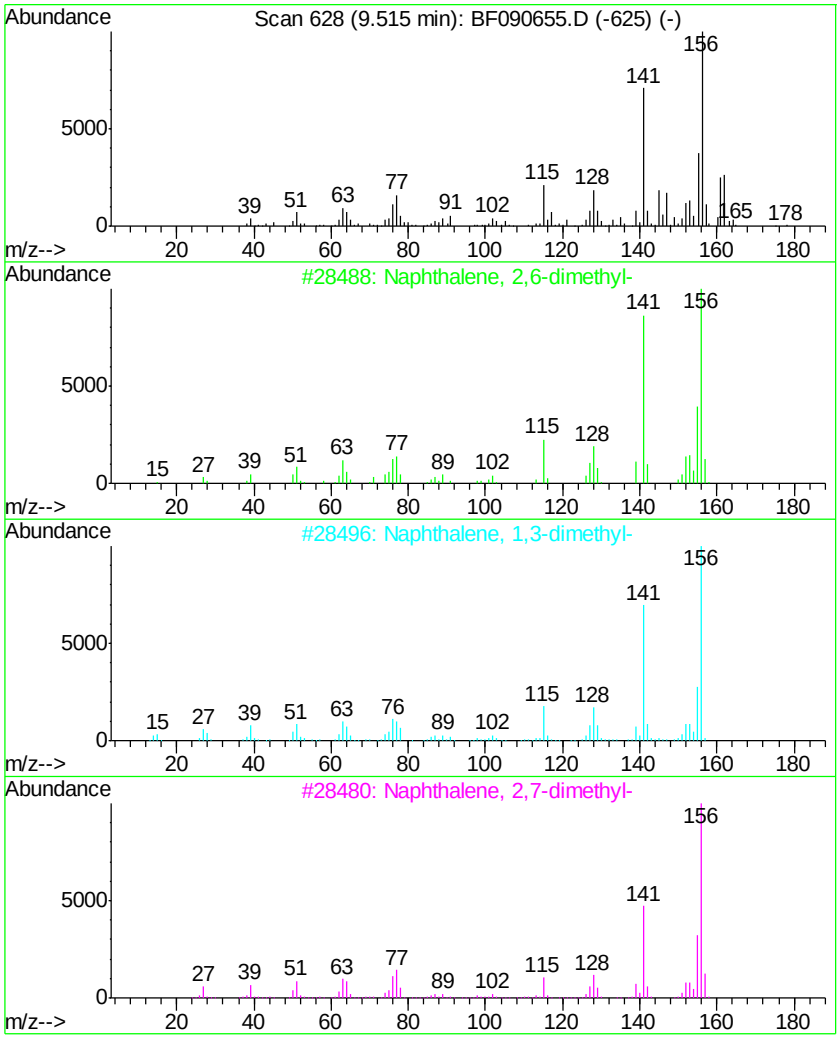
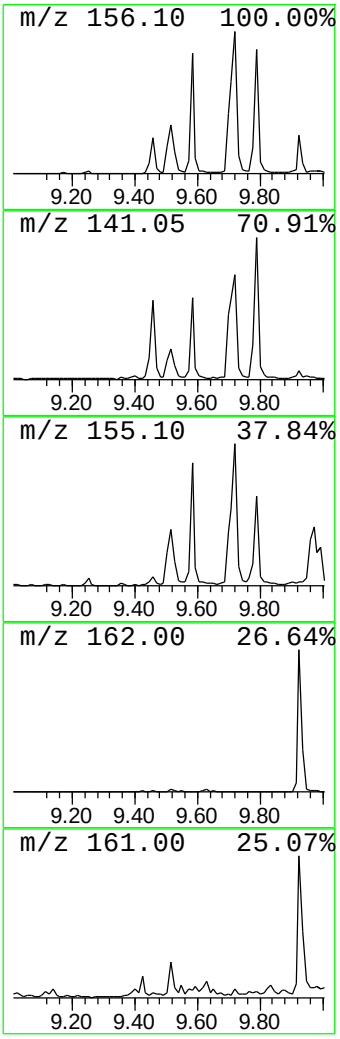
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	4.17 ng	480132	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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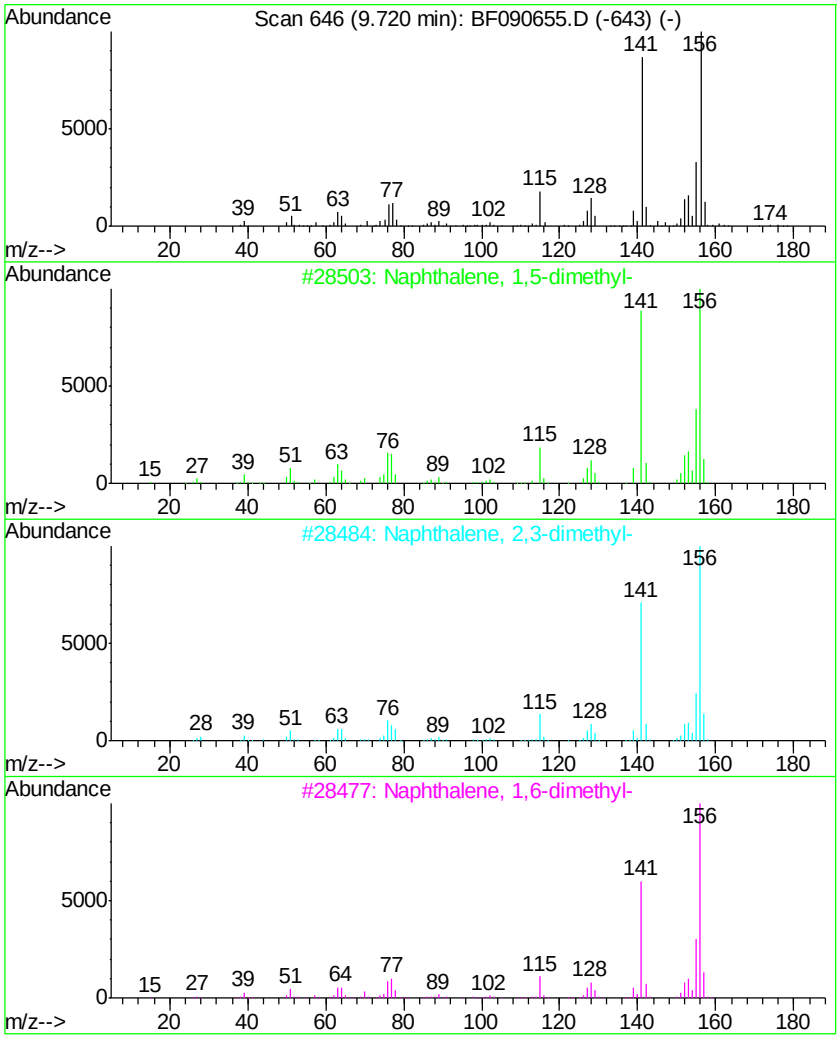
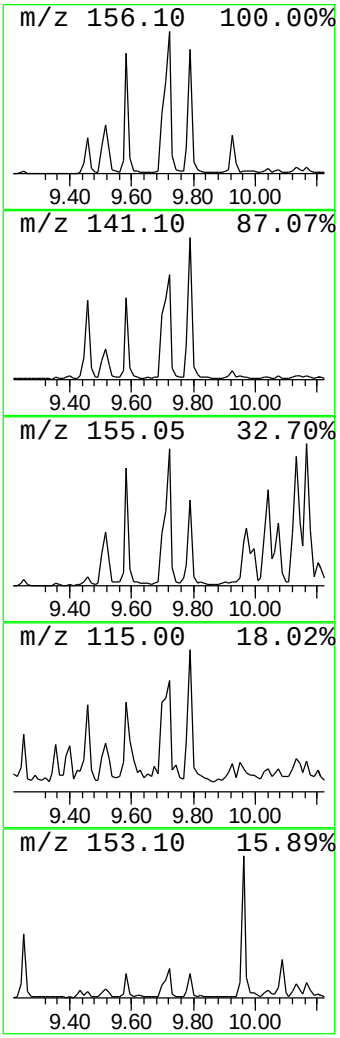
Peak Number 15 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	7.44 ng	856155	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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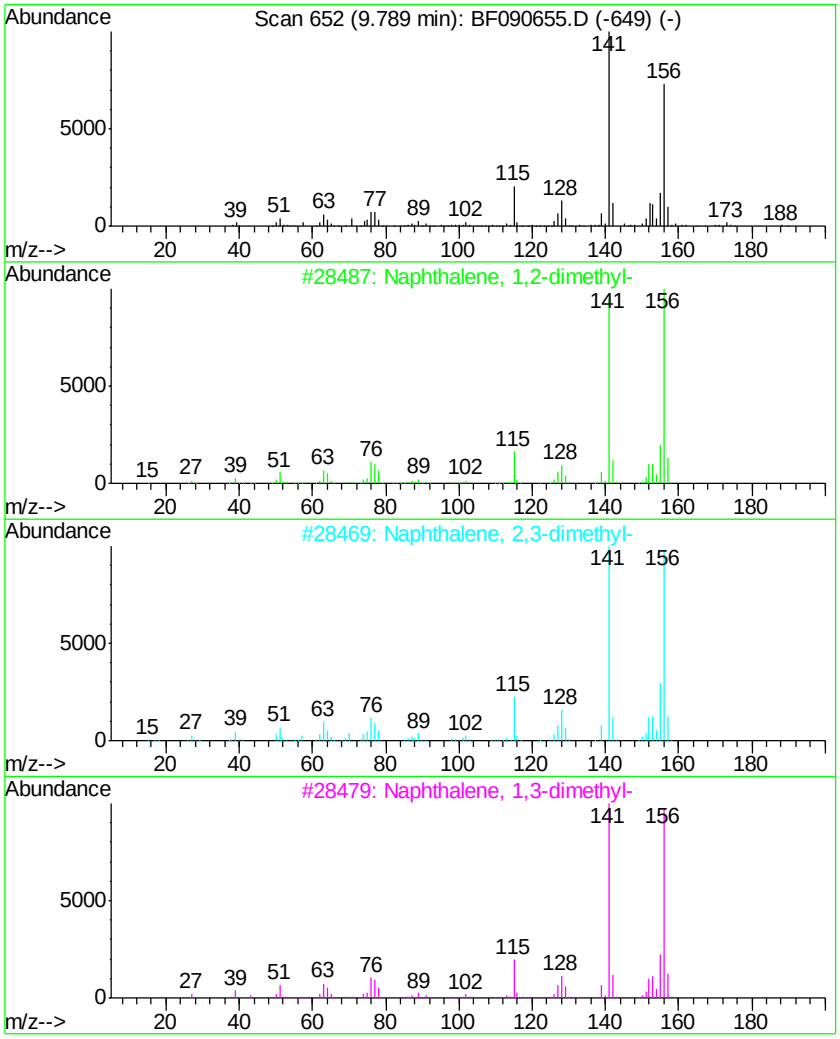
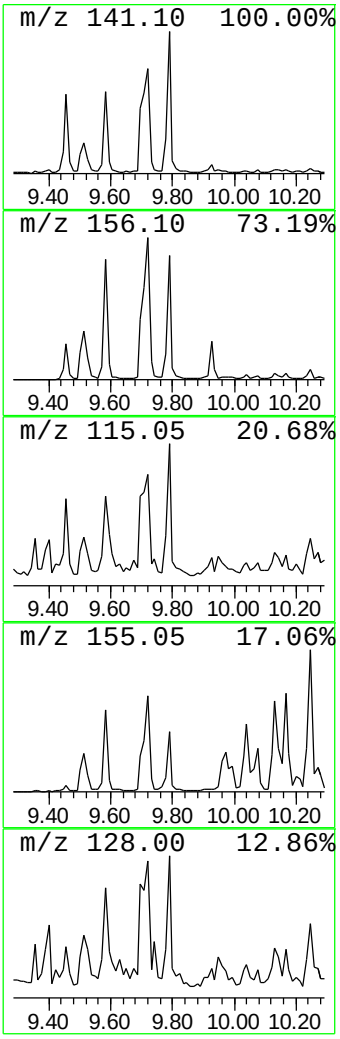
Peak Number 16 Naphthalene, 1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.34 ng	499937	Acenaphthene-d10	9.93

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





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Sample : H5296-05
Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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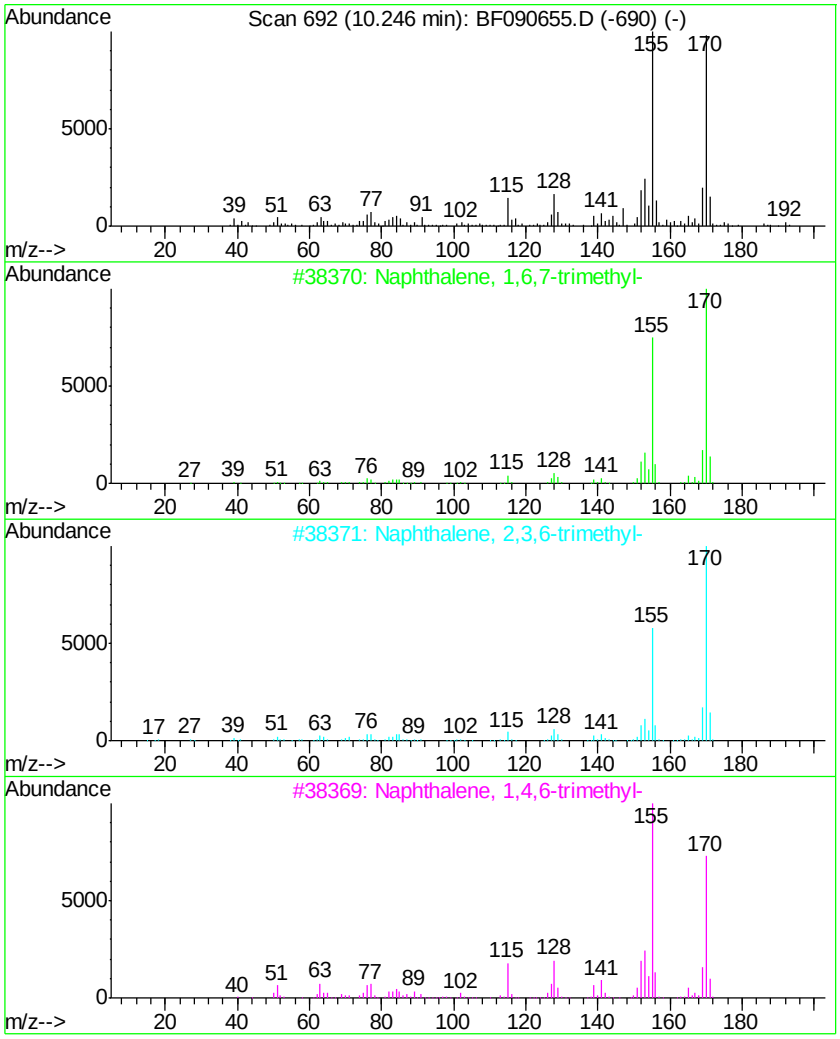
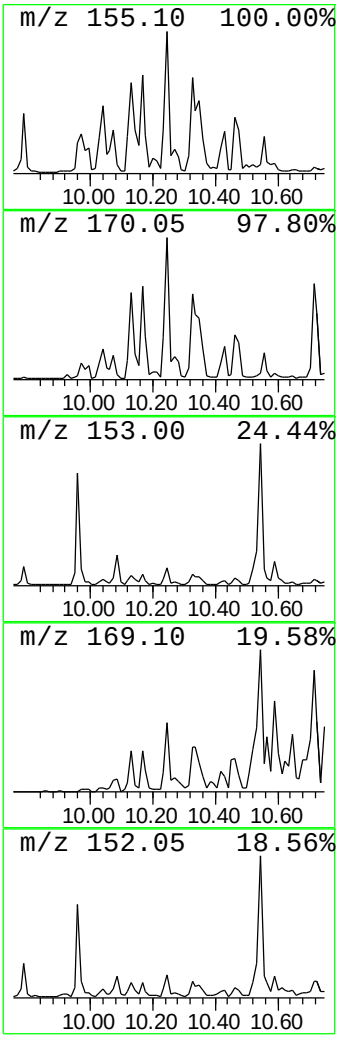
Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	3.33 ng	383173	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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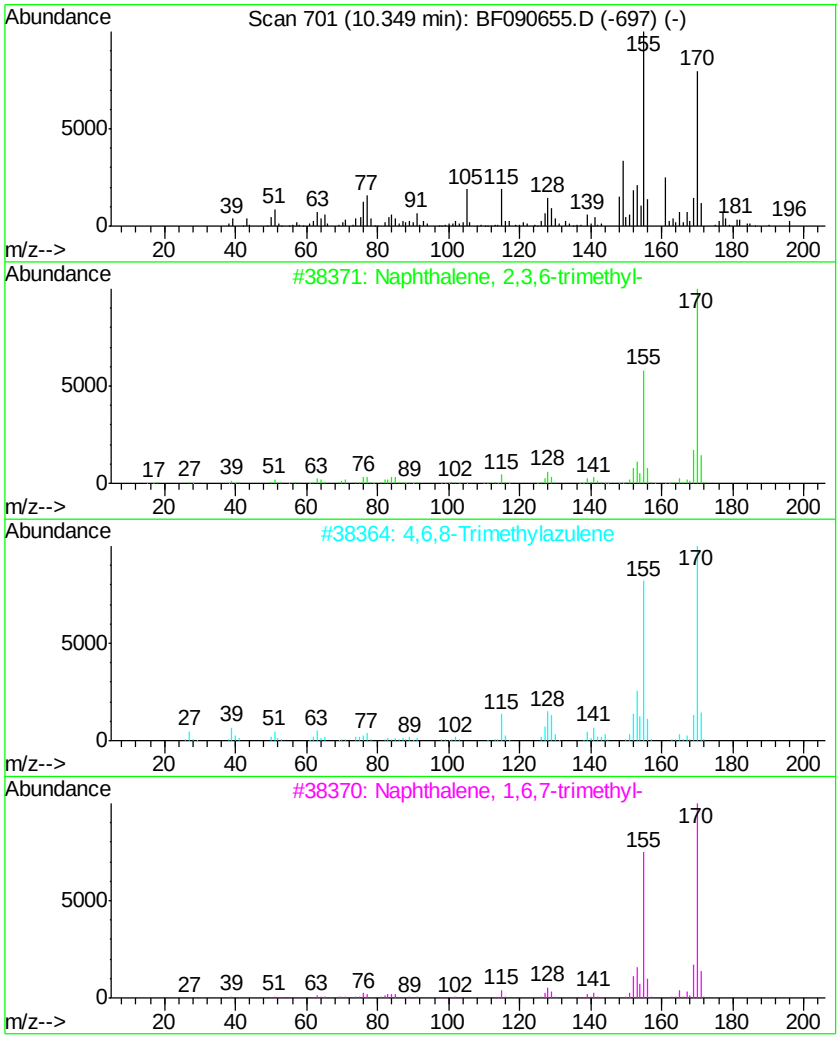
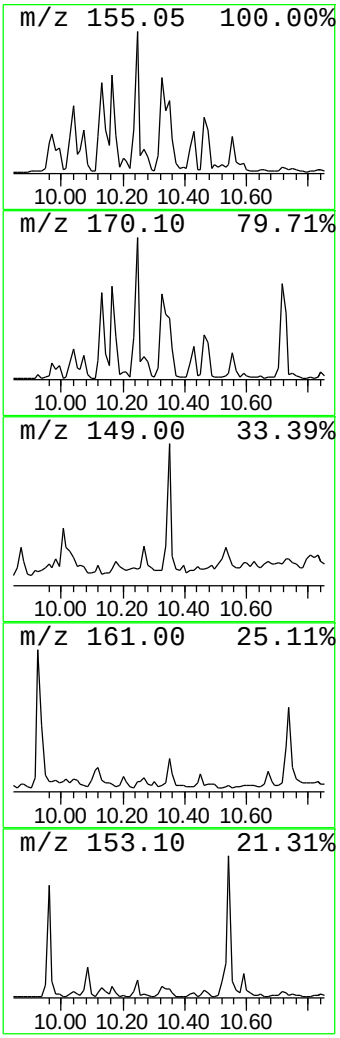
Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	4.11 ng	473768	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	68





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Sample : H5296-05
Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C7-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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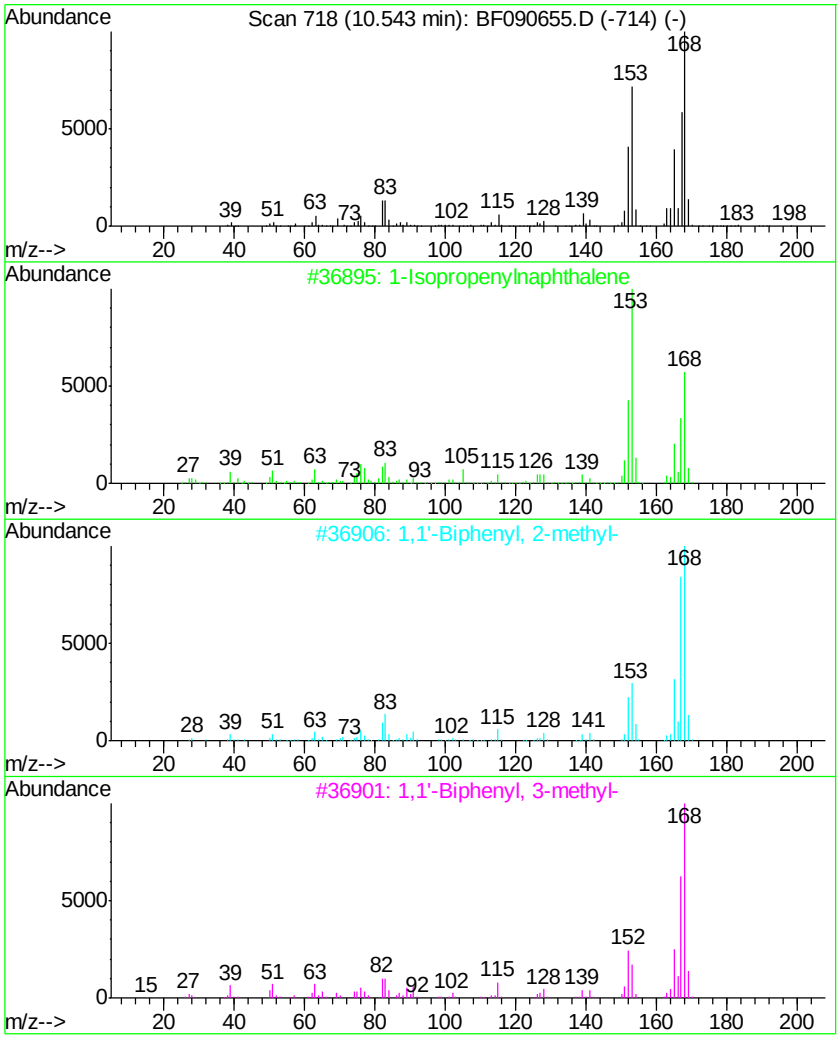
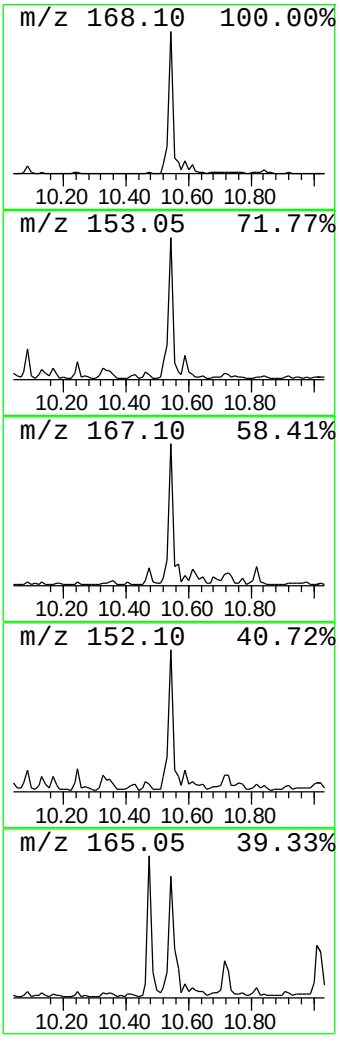
Peak Number 19 1-Isopropenylnaphthalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	8.15 ng	938870	Acenaphthene-d10	9.93

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	64
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53





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Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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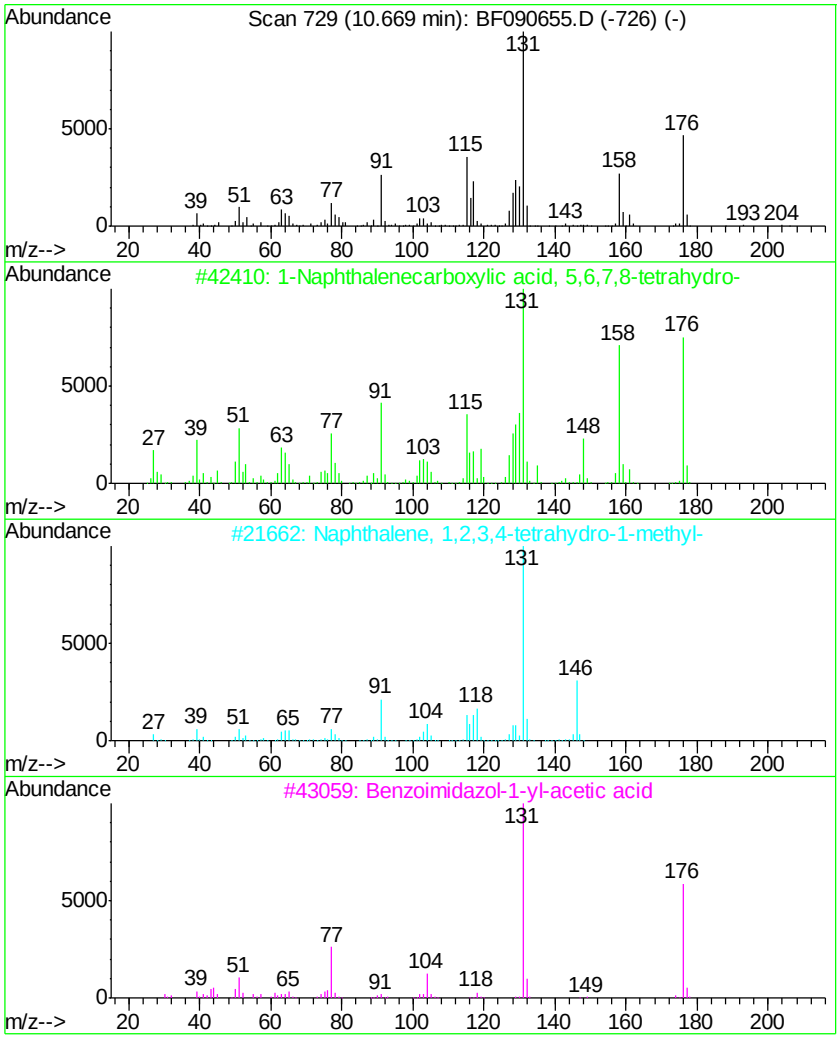
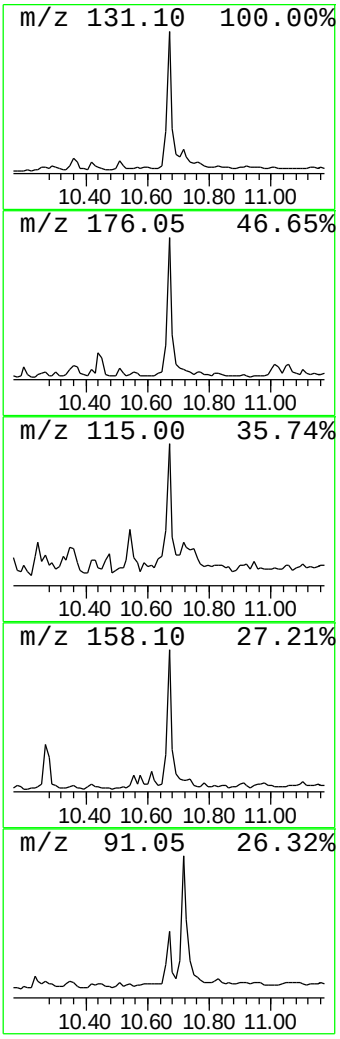
Peak Number 20 1-Naphthalenecarboxylic aci... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	3.97 ng	418313	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	81
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	43
3	Benzoimidazol-1-yl-acetic acid	176	C9H8N2O2	1000317-79-2	43
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	38
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
Data File : BF090655.D
Acq On : 19 Oct 2016 18:42
Operator : UM/SJ
Sample : H5296-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	8.1	ng	541613	1	6.89	1332180	20.0
unknown6.66	6.66	69.1	ng	4603020	1	6.89	1332180	20.0
Benzene, 1,3-diet...	7.14	2.6	ng	173796	1	6.89	1332180	20.0
Benzene, 1,2,3,5-...	7.66	4.0	ng	497740	2	8.18	2476400	20.0
Benzene, (1,1-dim...	7.82	2.5	ng	315189	2	8.18	2476400	20.0
Benzene, 1,2,4,5-...	7.91	6.8	ng	838434	2	8.18	2476400	20.0
Naphthalene, 1,2,...	8.37	4.2	ng	513312	2	8.18	2476400	20.0
Benzo[b]thiophene...	8.65	4.2	ng	518630	2	8.18	2476400	20.0
Naphthalene, 1,2,...	8.83	3.0	ng	372853	2	8.18	2476400	20.0
Benzene, 1-(1-met...	9.00	5.3	ng	658873	2	8.18	2476400	20.0
Naphthalene, 1,2,...	9.11	4.4	ng	508692	3	9.93	2302750	20.0
Naphthalene, 2,6-...	9.51	4.2	ng	480132	3	9.93	2302750	20.0
Naphthalene, 1,5-...	9.72	7.4	ng	856155	3	9.93	2302750	20.0
Naphthalene, 1,2-...	9.79	4.3	ng	499937	3	9.93	2302750	20.0
Naphthalene, 1,6,...	10.25	3.3	ng	383173	3	9.93	2302750	20.0
Naphthalene, 2,3,...	10.35	4.1	ng	473768	3	9.93	2302750	20.0
1-Isopropenylnaph...	10.54	8.2	ng	938870	3	9.93	2302750	20.0
1-Naphthalenecarb...	10.67	4.0	ng	418313	4	11.41	2105010	20.0