LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087550.D
Acq On : 30 May 2016 14:46
Operator : UM/SJ
Sample : H3317-04
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.764	276	278	289	rBV2	22855	125206	3.15%	0.355%
2	5.393	331	333	348	rBV	416488	1279161	32.21%	3.629%
3	6.033	384	389	392	rBV3	16441	49462	1.25%	0.140%
4	6.684	443	446	449	rBV	30079	51805	1.30%	0.147%
5	6.913	462	466	473	rBV	34784	96607	2.43%	0.274%
6	7.050	476	478	483	rVV	321472	687024	17.30%	1.949%
7	7.130	483	485	501	rVB	1629854	3275735	82.49%	9.294%
8	7.393	506	508	511	rVV4	18478	41310	1.04%	0.117%
9	7.473	514	515	519	rVV	411382	708498	17.84%	2.010%
10	7.576	523	524	530	rVB	31832	56351	1.42%	0.160%
11	7.702	532	535	547	rBV2	1981864	3123930	78.67%	8.864%
12	7.907	551	553	560	rVB3	50970	121930	3.07%	0.346%
13	8.033	560	564	568	rBV	97669	193301	4.87%	0.548%
14	8.250	581	583	586	rBV3	26689	49294	1.24%	0.140%
15	8.365	586	593	594	rVV3	372757	704551	17.74%	1.999%
16	8.387	594	595	603	rVV	1336661	2426461	61.11%	6.885%
17	8.490	603	604	607	rVV2	81130	173287	4.36%	0.492%
18	8.570	609	611	615	rVV	99288	221215	5.57%	0.628%
19	8.639	615	617	619	rVV	55985	81898	2.06%	0.232%
20	8.685	619	621	622	rVV	40152	64074	1.61%	0.182%
21	8.730	622	625	627	rVV2	173918	331666	8.35%	0.941%
22	8.776	627	629	632	rVV2	50440	117188	2.95%	0.332%
23	8.833	632	634	638	rVB	43551	69501	1.75%	0.197%
24	8.970	644	646	647	rBV	81439	101607	2.56%	0.288%
25	9.016	647	650	654	rVB3	95502	237413	5.98%	0.674%
26	9.096	654	657	662	rBV2	559896	1093779	27.54%	3.103%
27	9.199	664	666	669	rVV2	40837	95462	2.40%	0.271%
28	9.268	669	672	676	rVB3	154692	392251	9.88%	1.113%
29	9.359	676	680	685	rBV3	116140	178565	4.50%	0.507%
30	9.473	685	690	691	rBV3	34048	73975	1.86%	0.210%
31	9.508	691	693	698	rVV2	709779	1364759	34.37%	3.872%
32	9.599	698	701	705	rVB2	228568	439352	11.06%	1.247%
33	9.736	712	713	715	rVB	44673	42115	1.06%	0.119%
34	9.793	715	718	721	rBV3	37756	57123	1.44%	0.162%

LSC Area Percent Report

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Acq On : 30 May 2016 14:46
Operator : UM/SJ
Sample : H3317-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-06

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.850	721	723	725	rBV2	64249	109317	2.75%	0.310%
36	9.908	725	728	732	rBV2	114463	204351	5.15%	0.580%
37	9.976	732	734	737	rBV	61125	108176	2.72%	0.307%
38	10.113	744	746	748	rBV2	36746	48423	1.22%	0.137%
39	10.159	748	750	753	rVB	75326	105464	2.66%	0.299%
40	10.228	753	756	759	rBV5	31237	86368	2.18%	0.245%
41	10.285	759	761	764	rVV	96299	128968	3.25%	0.366%
42	10.342	764	766	770	rVV4	88006	184164	4.64%	0.523%
43	10.445	770	775	782	rVV5	58065	236328	5.95%	0.671%
44	10.582	782	787	790	rVV	222194	377405	9.50%	1.071%
45	10.651	790	793	798	rVB3	83688	179263	4.51%	0.509%
46	10.788	803	805	807	rBV2	62126	119004	3.00%	0.338%
47	10.833	807	809	810	rVV2	57393	95158	2.40%	0.270%
48	10.879	810	813	819	rVV4	104181	325790	8.20%	0.924%
49	10.982	819	822	827	rVV4	46437	128930	3.25%	0.366%
50	11.096	829	832	834	rVV4	27817	61413	1.55%	0.174%
51	11.199	838	841	845	rVV4	60611	150353	3.79%	0.427%
52	11.279	845	848	855	rVV	3157155	3970896	100.00%	11.267%
53	11.382	855	857	862	rVB3	48949	99910	2.52%	0.283%
54	11.462	862	864	866	rBV3	21995	44081	1.11%	0.125%
55	11.519	866	869	876	rVB	55268	143406	3.61%	0.407%
56	11.782	888	892	894	rBV4	28221	58743	1.48%	0.167%
57	11.839	894	897	898	rVV2	57255	108863	2.74%	0.309%
58	11.874	898	900	904	rVB4	40648	80848	2.04%	0.229%
59	11.999	909	911	920	rVB4	86158	264816	6.67%	0.751%
60	12.159	922	925	931	rVB4	25774	60677	1.53%	0.172%
61	12.331	938	940	947	rBV	718447	1080749	27.22%	3.066%
62	12.994	995	998	1001	rBV2	25376	45732	1.15%	0.130%
63	13.165	1009	1013	1016	rVB2	31470	53602	1.35%	0.152%
64	13.622	1051	1053	1068	rBV	1404110	2440963	61.47%	6.926%
65	13.931	1078	1080	1084	rBV	40695	60513	1.52%	0.172%
66	14.742	1149	1151	1166	rBV	504214	976787	24.60%	2.771%
67	15.154	1183	1187	1194	rBV	26214	57330	1.44%	0.163%
68	16.834	1331	1334	1340	rBV	34255	77634	1.96%	0.220%
69	16.925	1340	1342	1345	rVV	118374	132089	3.33%	0.375%
70	17.085	1354	1356	1370	rVB	2620099	3360344	84.62%	9.534%
71	17.851	1421	1423	1426	rBV	72121	82442	2.08%	0.234%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.468	1475	1477	1495	rVB	271500	662444	16.68%	1.880%
73	20.160	1623	1625	1642	rBV	167619	607203	15.29%	1.723%

Sum of corrected areas: 35244803

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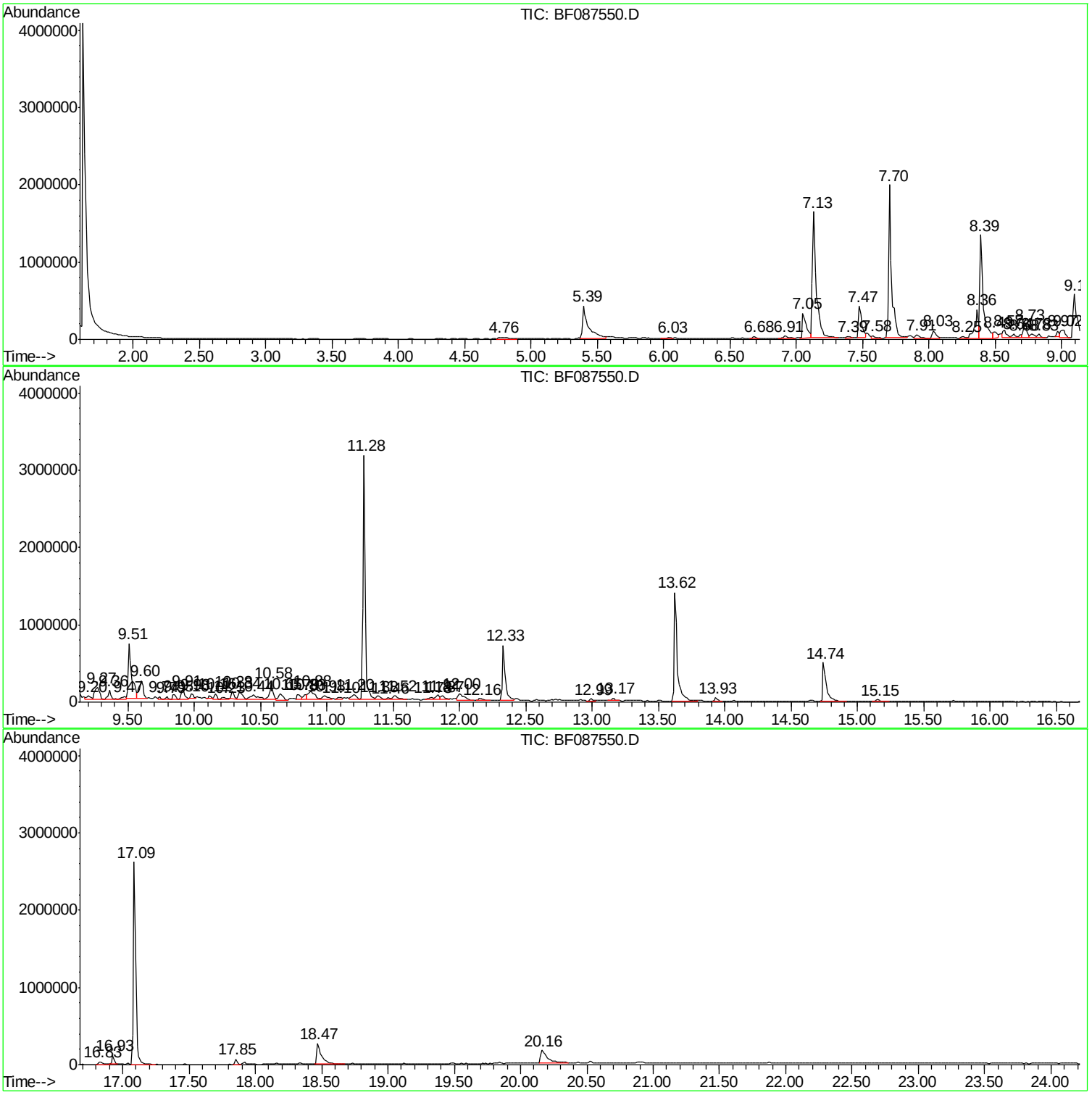
Instrument :
BNA_F
ClientSampleId :
MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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\BF052916\
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Operator : UM/SJ
Sample : H3317-04
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

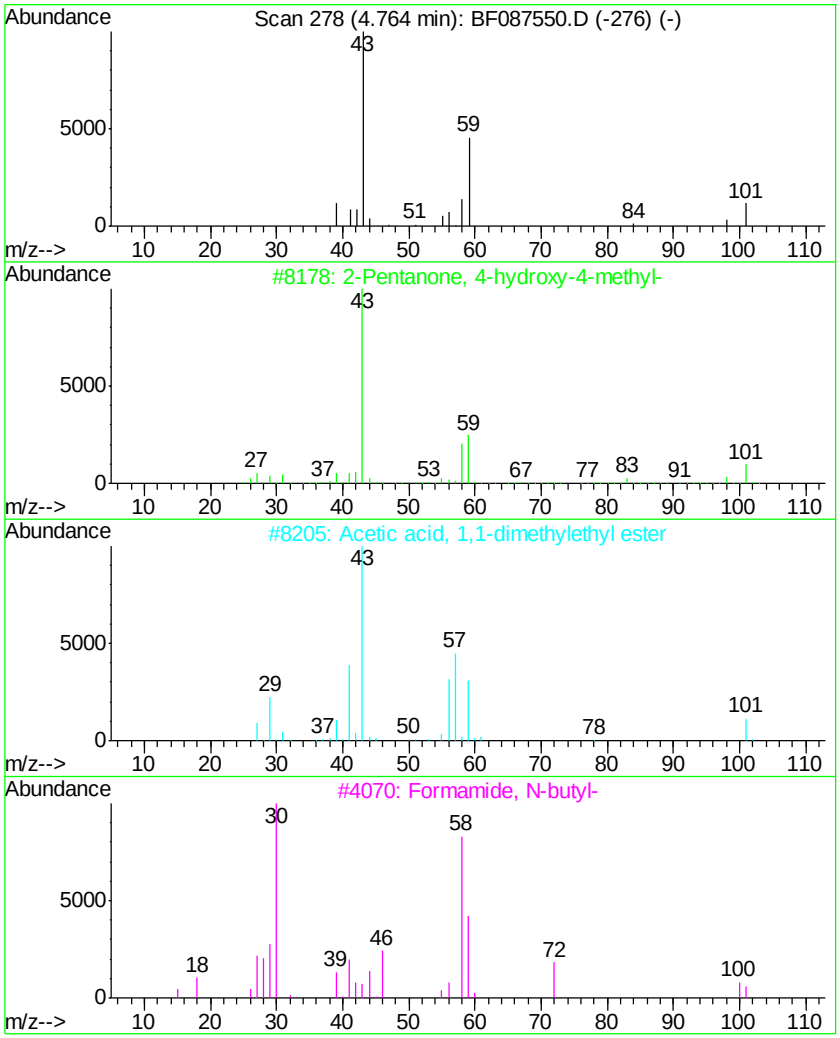
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

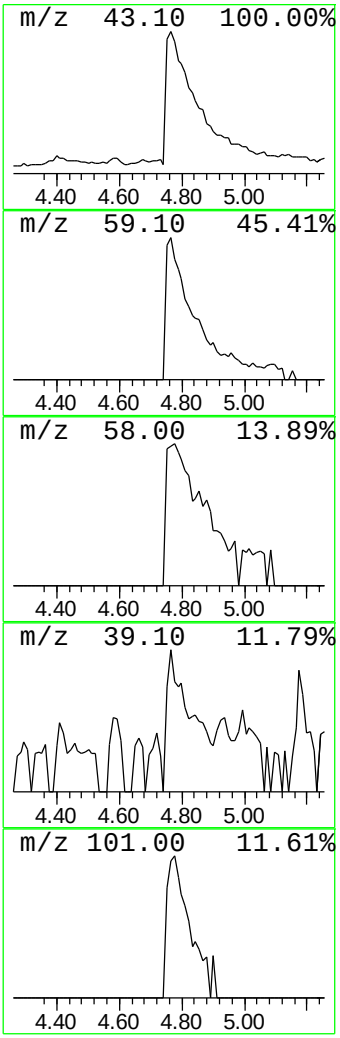
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	3.53 ng	125206	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Formamide, N-butyl-	101	C5H11NO	000871-71-6	25
4	Butane	58	C4H10	000106-97-8	9
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087550.D
Acq On : 30 May 2016 14:46
Operator : UM/SJ
Sample : H3317-04
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

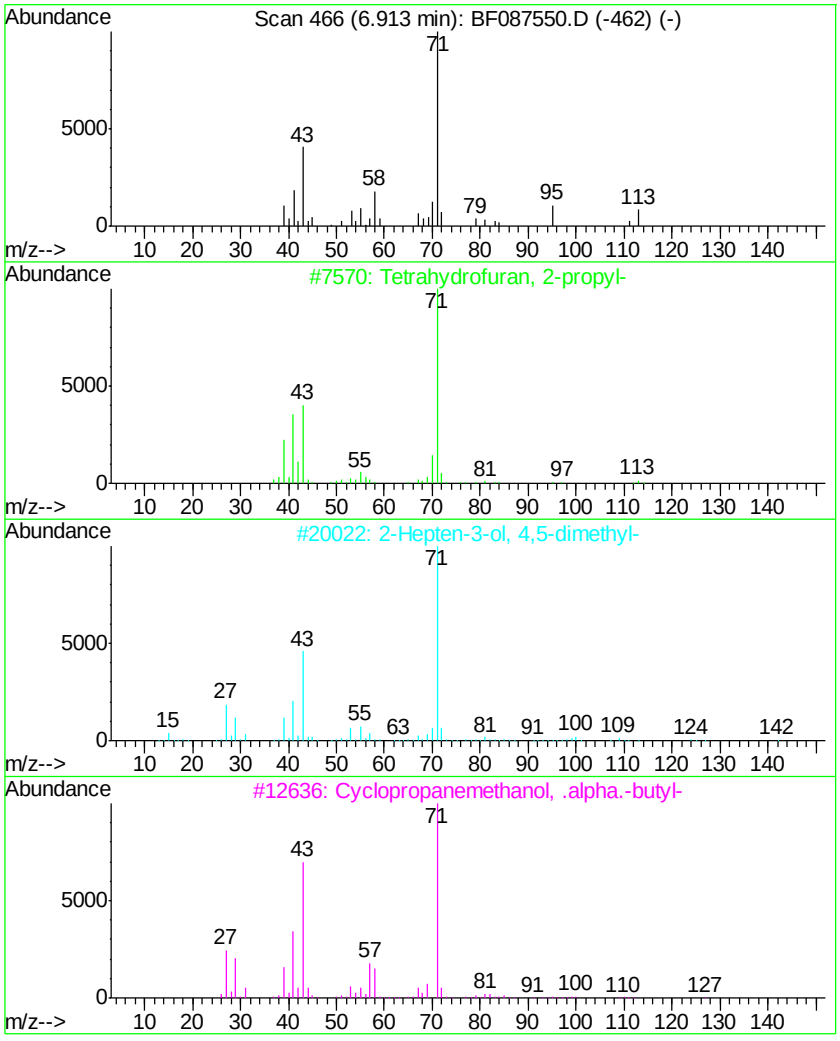
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

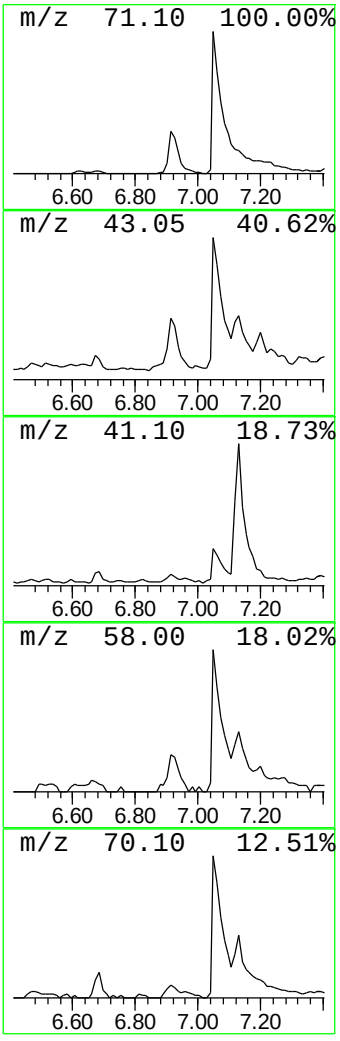
****

Peak Number 2 unknown6.91 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	2.73 ng	96607	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofuran, 2-propyl-	114	C7H14O	003208-22-8	45
2	2-Hepten-3-ol, 4,5-dimethyl-	142	C9H18O	055956-37-1	42
3	Cyclopropanemethanol, .alpha.-bu...	128	C8H16O	004379-16-2	42
4	2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	42
5	trans-2-Methyl-4-hexen-3-ol	114	C7H14O	096346-76-8	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087550.D
Acq On : 30 May 2016 14:46
Operator : UM/SJ
Sample : H3317-04
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

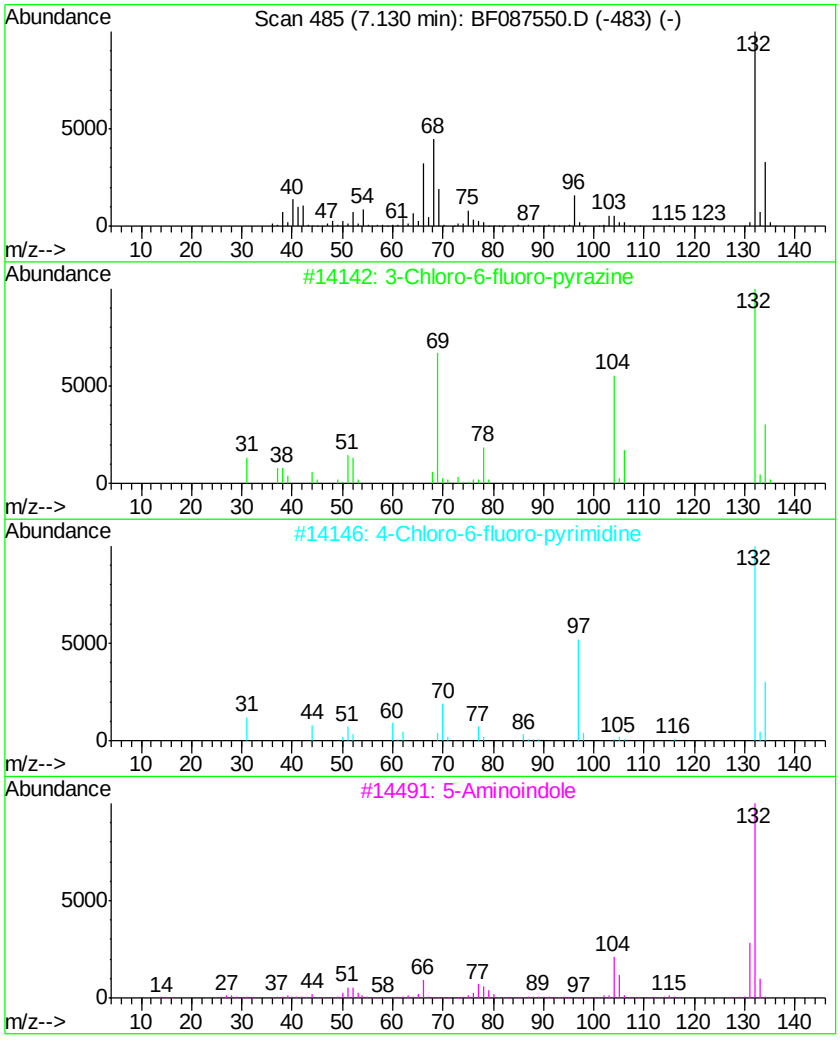
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

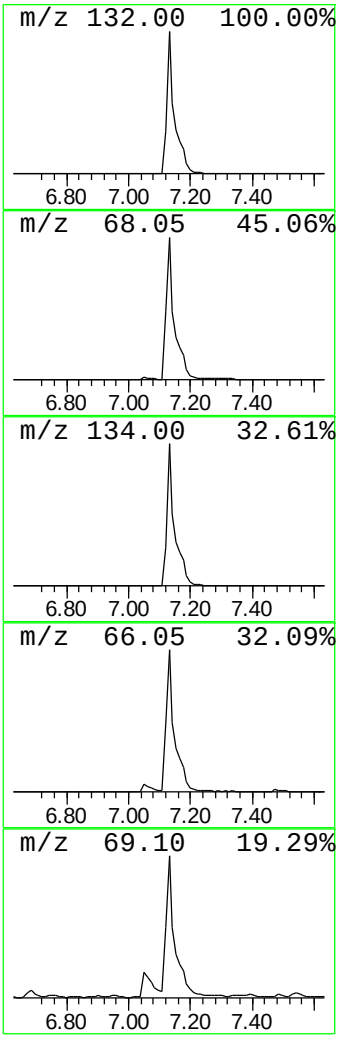
****

Peak Number 3 unknown7.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	92.47 ng	3275740	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

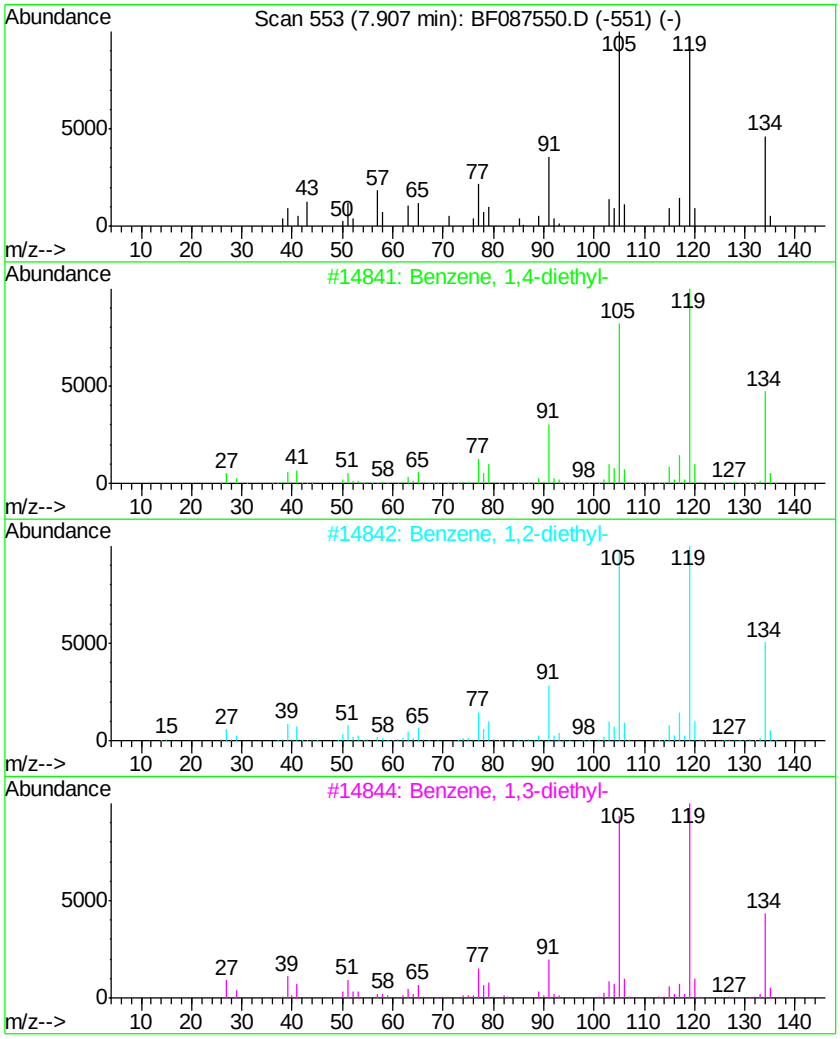
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

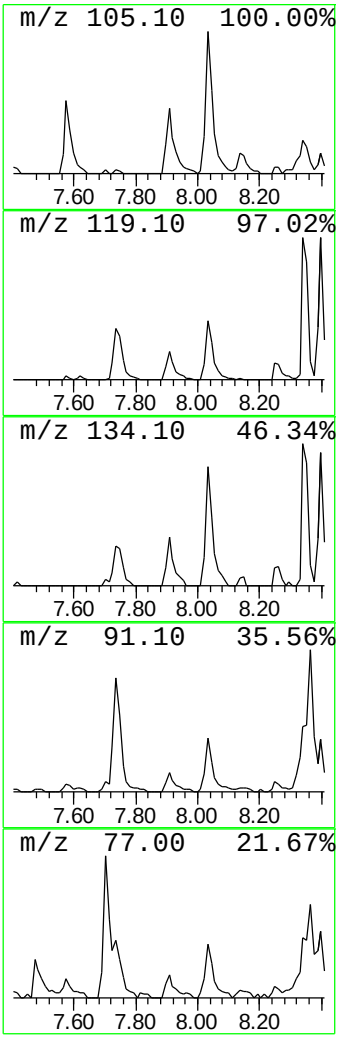
****

Peak Number 5 Benzene, 1,4-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	3.44 ng	121930	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	74
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	74





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Operator : UM/SJ
Sample : H3317-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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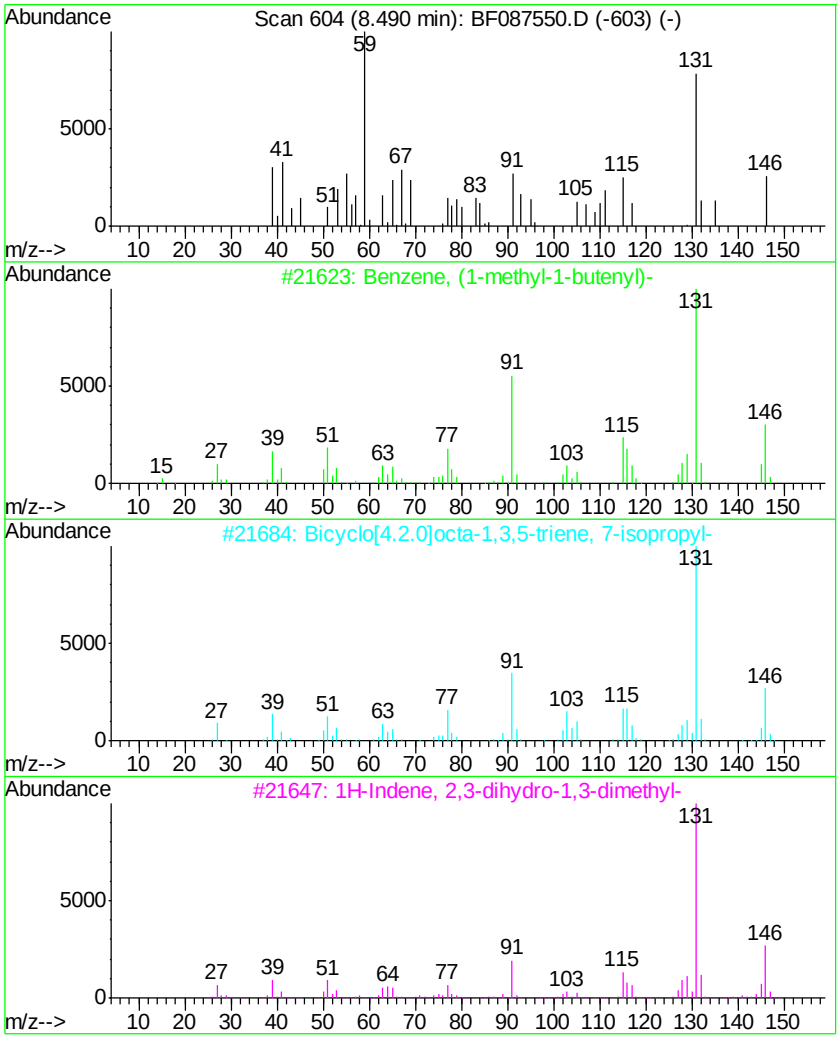
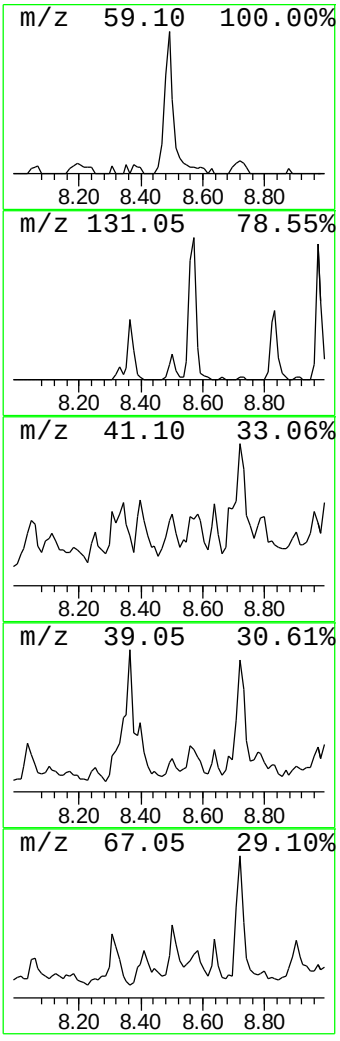
****

Peak Number 7 unknown8.49 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	4.89 ng	173287	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	38
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	25
4	Allyl dithioacetate	132	C5H8S2	027249-83-8	22
5	Carbonic acid, 2-flurophenyl 2-m...	214	C10H11FO4	1000325-66-2	14





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Instrument : BNA_F
ClientSampleId : MW-06

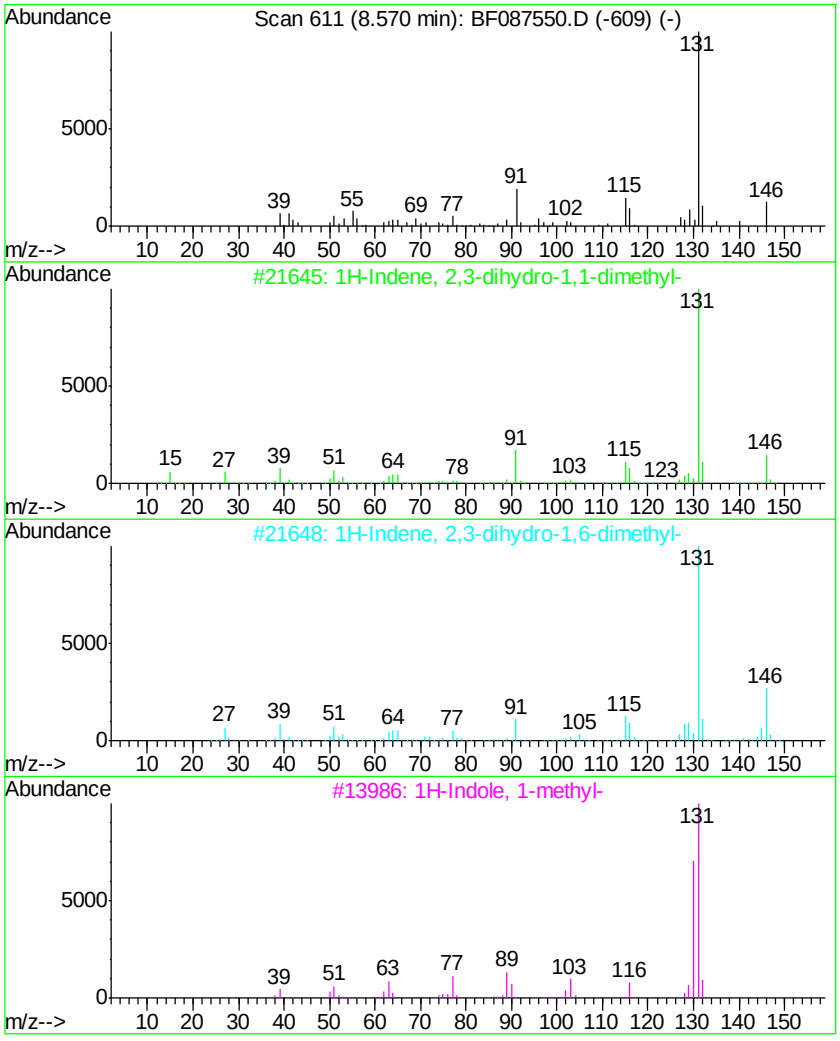
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

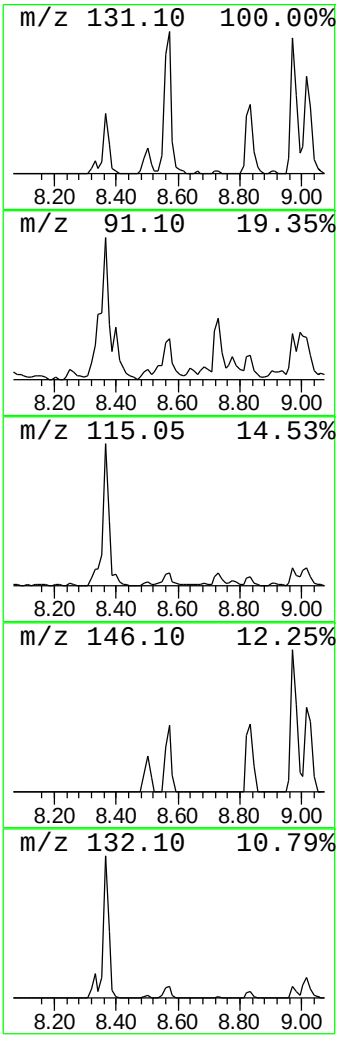
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	3.24 ng	221215	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	86
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	59
4	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	56
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087550.D
Acq On : 30 May 2016 14:46
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Sample : H3317-04
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

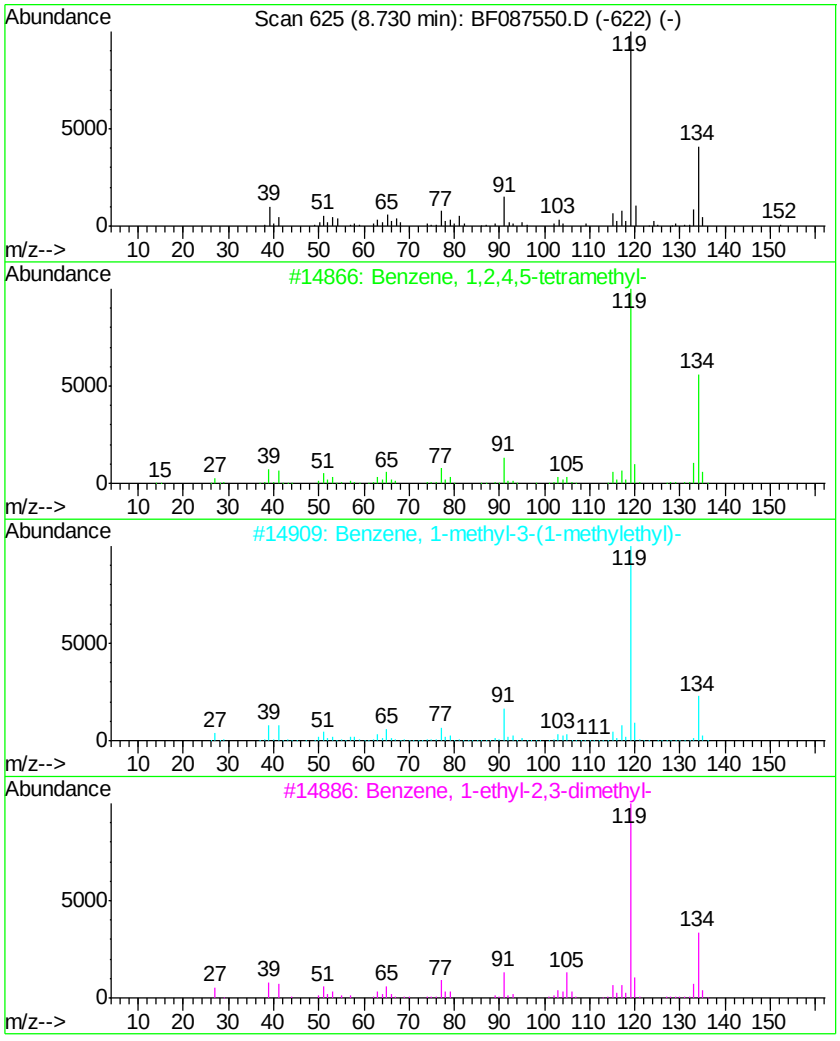
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

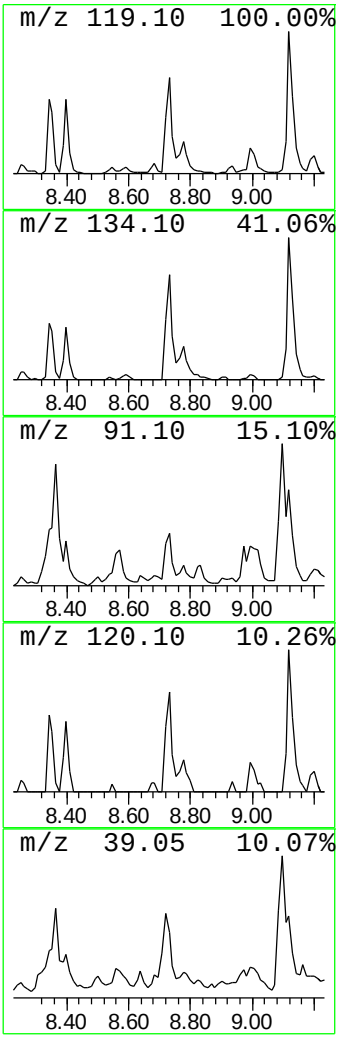
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	4.86 ng	331666	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Acq On : 30 May 2016 14:46
Operator : UM/SJ
Sample : H3317-04
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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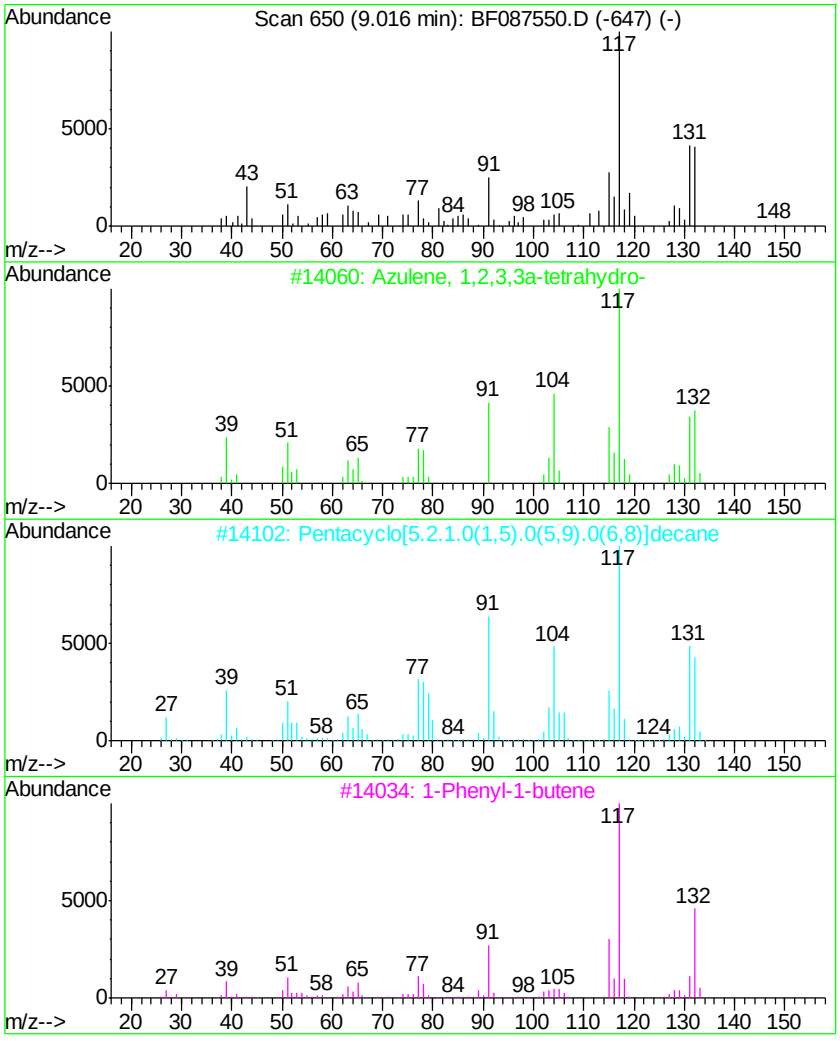
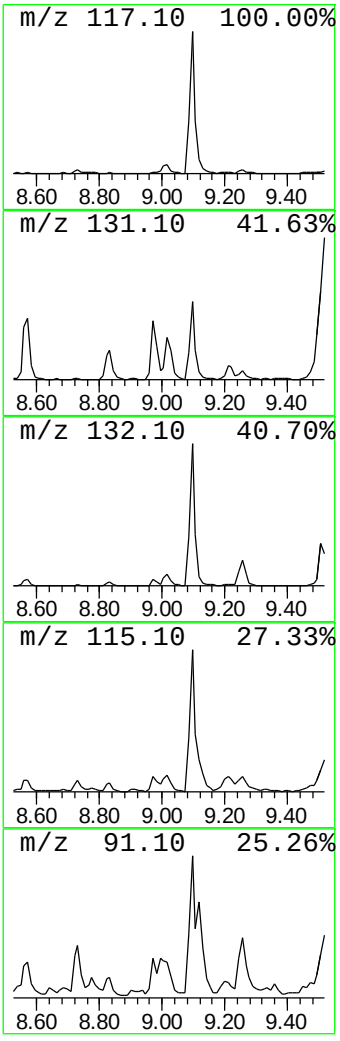
Peak Number 10 Azulene, 1,2,3,3a-tetrahydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	3.48 ng	237413	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	87
2	Pentacyclo[5.2.1.0(1,5).0(5,9).0...	132	C10H12	1000185-59-0	80
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	58





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Sample : H3317-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-06

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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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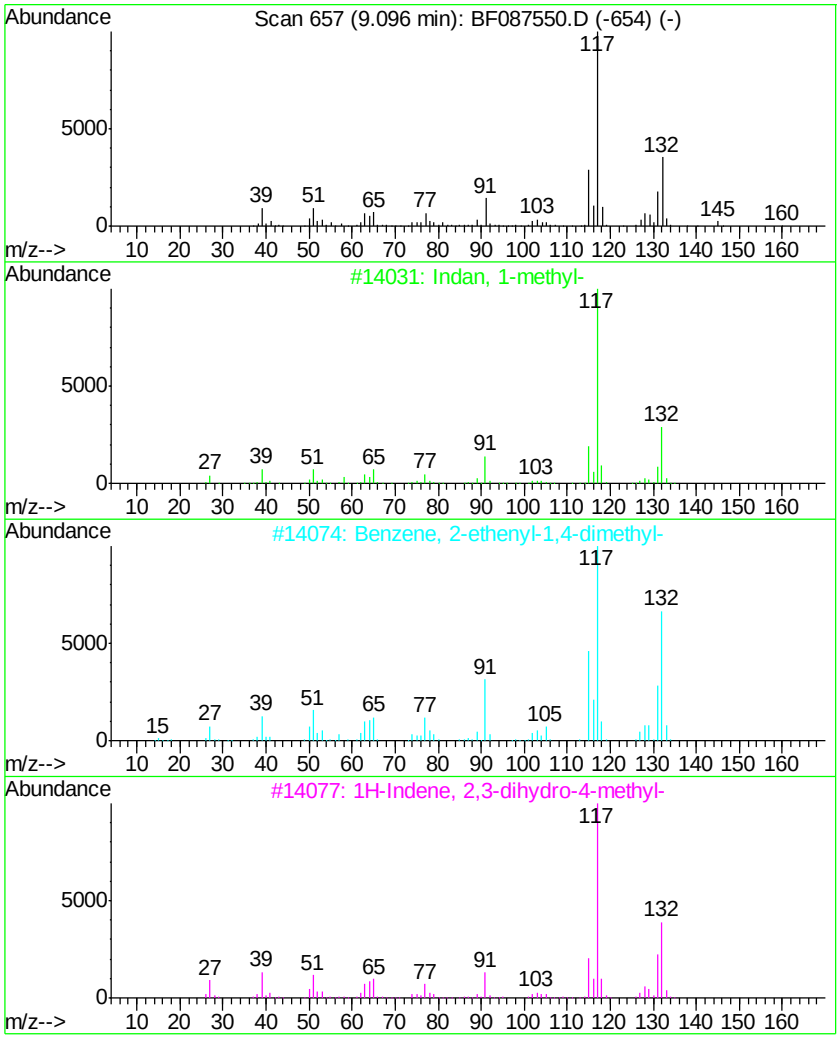
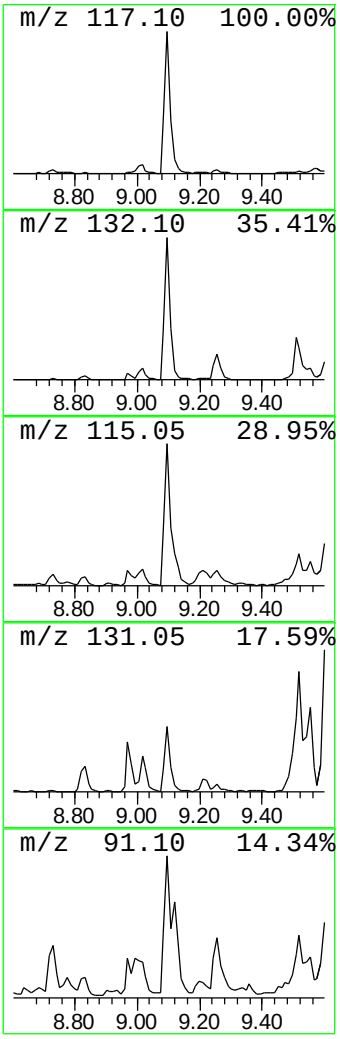
Peak Number 11 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	16.03 ng	1093780	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91





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Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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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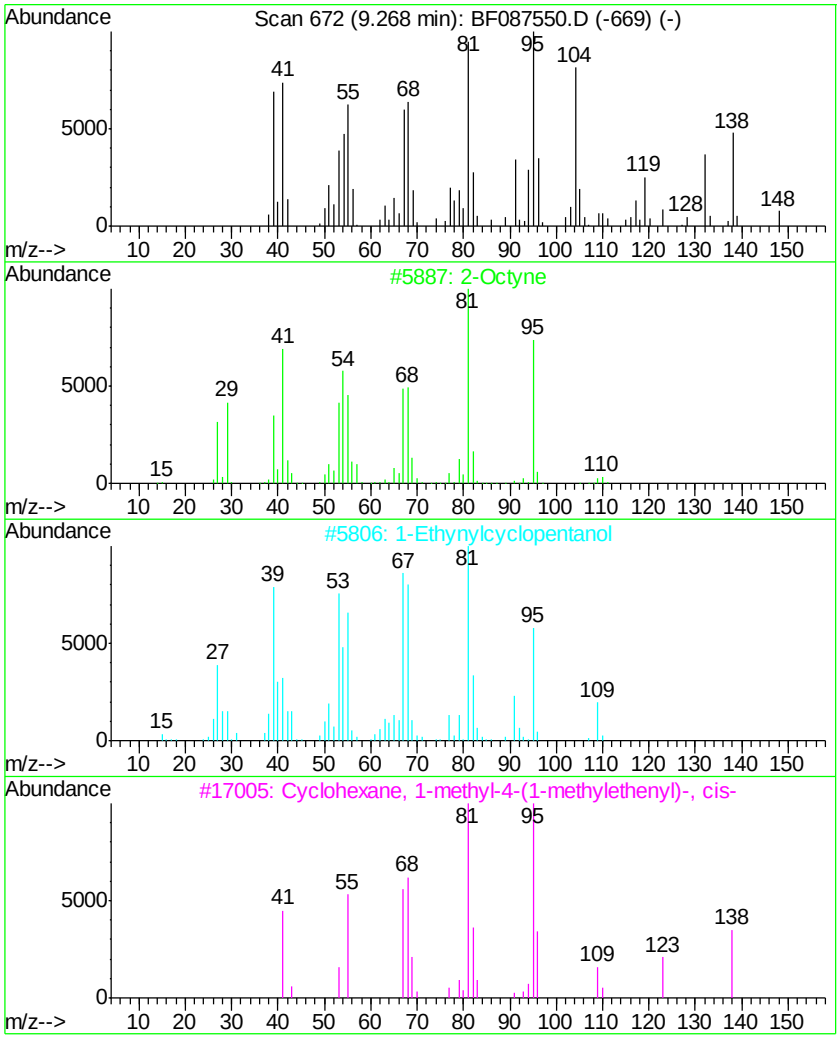
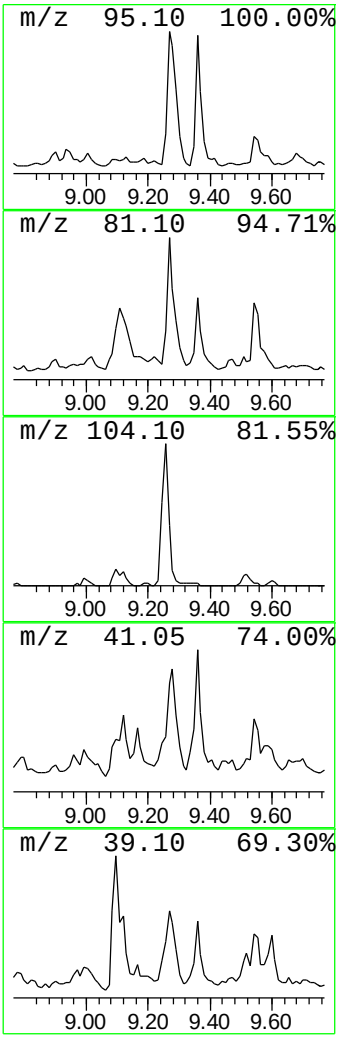
Peak Number 12 2-Octyne Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	5.75 ng	392251	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octyne	110	C8H14	002809-67-8	50
2	1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	46
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	46
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	42
5	2,4-Hexadiene, 1-chloro-	116	C6H9Cl	034632-89-8	42





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Sample : H3317-04
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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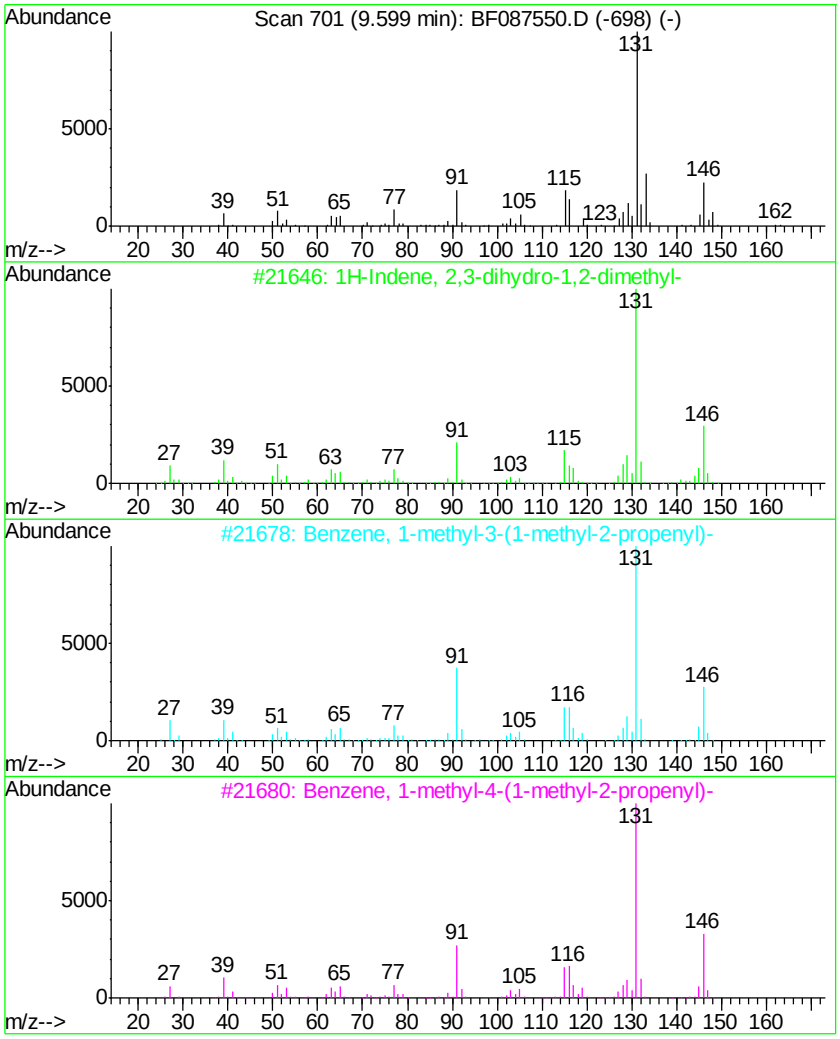
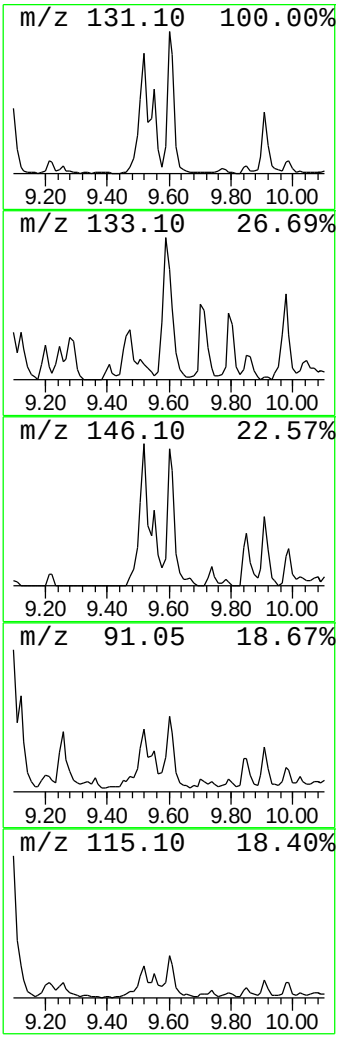
Peak Number 13 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	6.44 ng	439352	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	87
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81





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Acq On : 30 May 2016 14:46
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Sample : H3317-04
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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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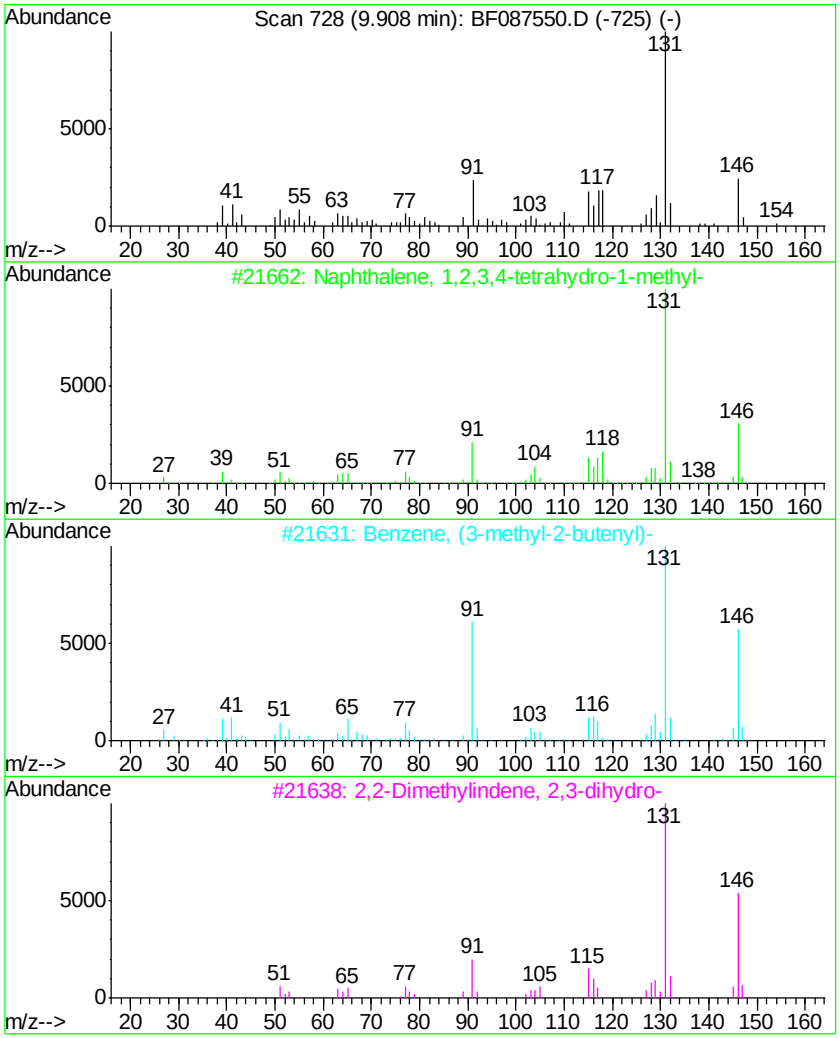
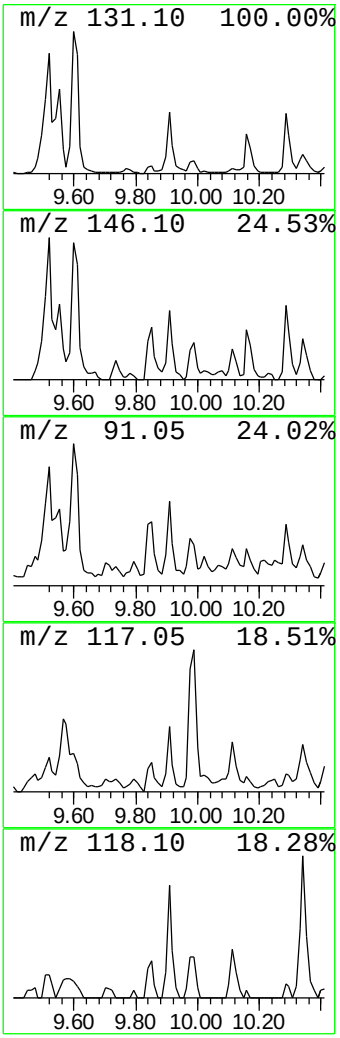
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	2.99 ng	204351	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





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Sample : H3317-04
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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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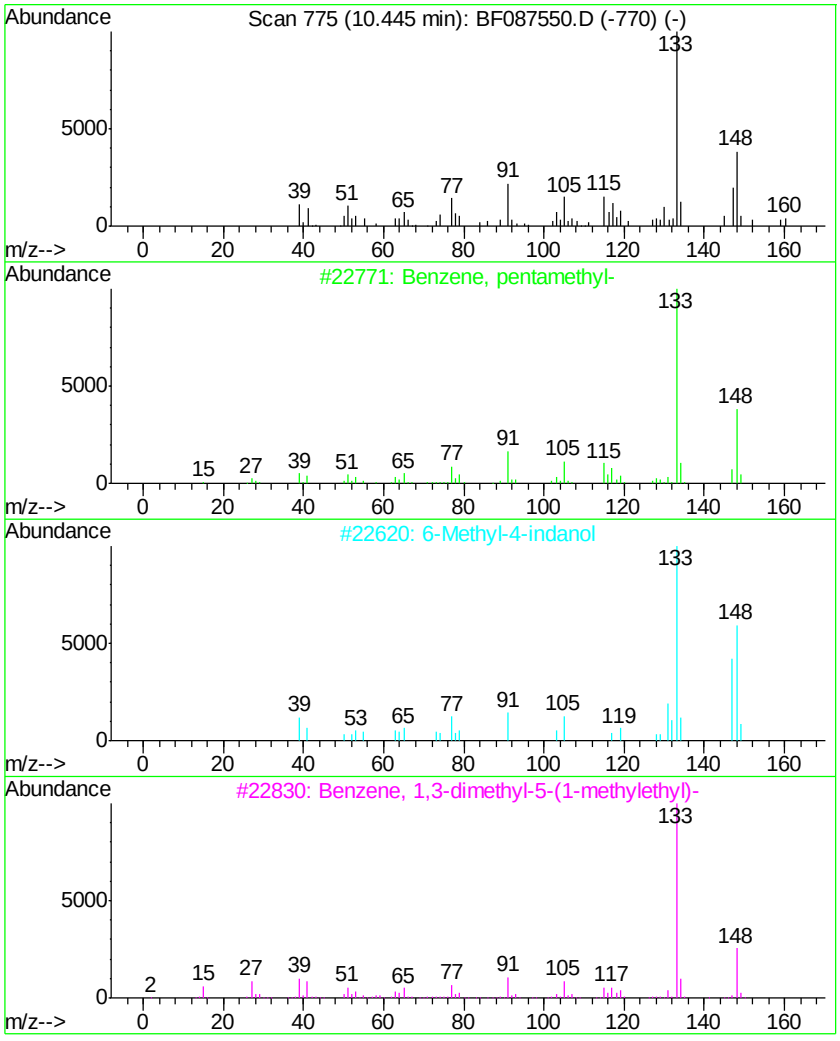
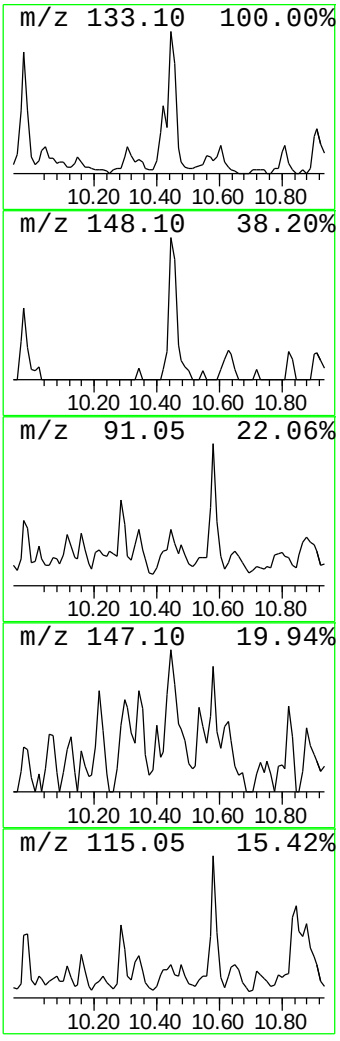
Peak Number 15 Benzene, pentamethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	3.46 ng	236328	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	94
2	6-Methyl-4-indanol	148	C10H12O	020294-32-0	83
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	76
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	76
5	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	70





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Operator : UM/SJ
Sample : H3317-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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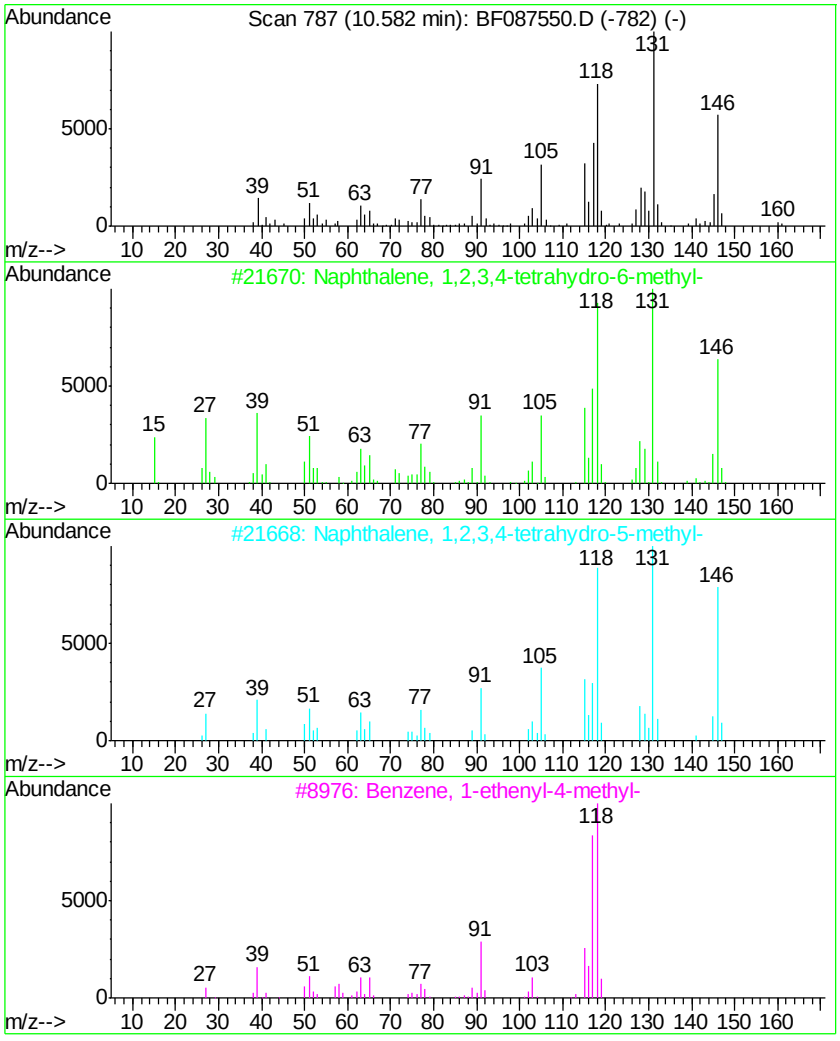
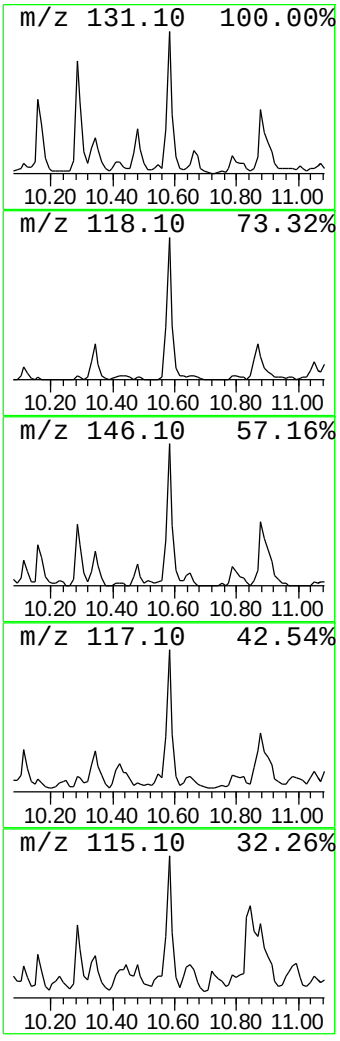
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	5.53 ng	377405	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	80
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	76
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58





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Sample : H3317-04
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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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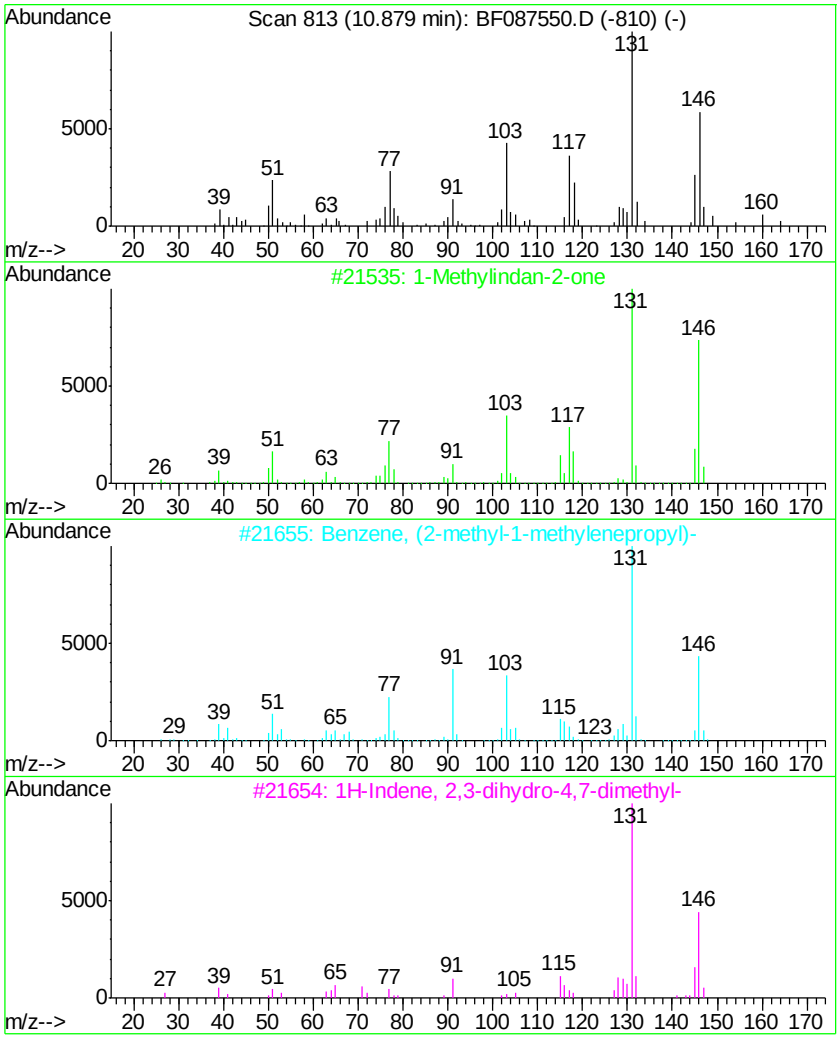
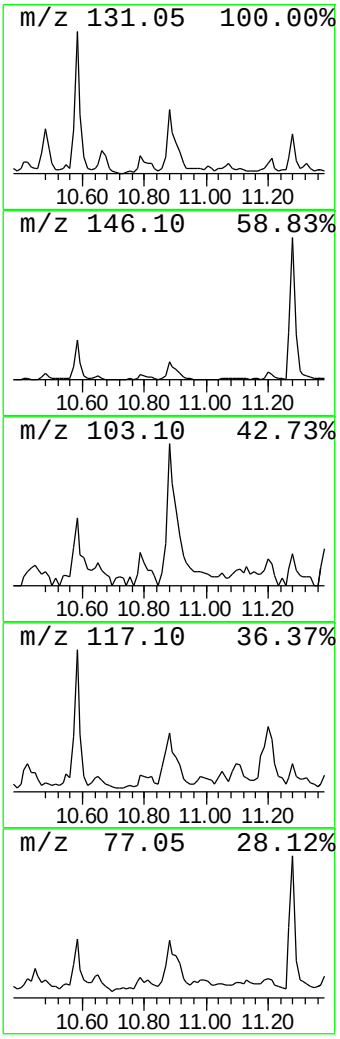
Peak Number 17 1-Methylindan-2-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.77 ng	325790	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	93
2	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	81
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	68
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	58





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ClientSampleId : MW-06

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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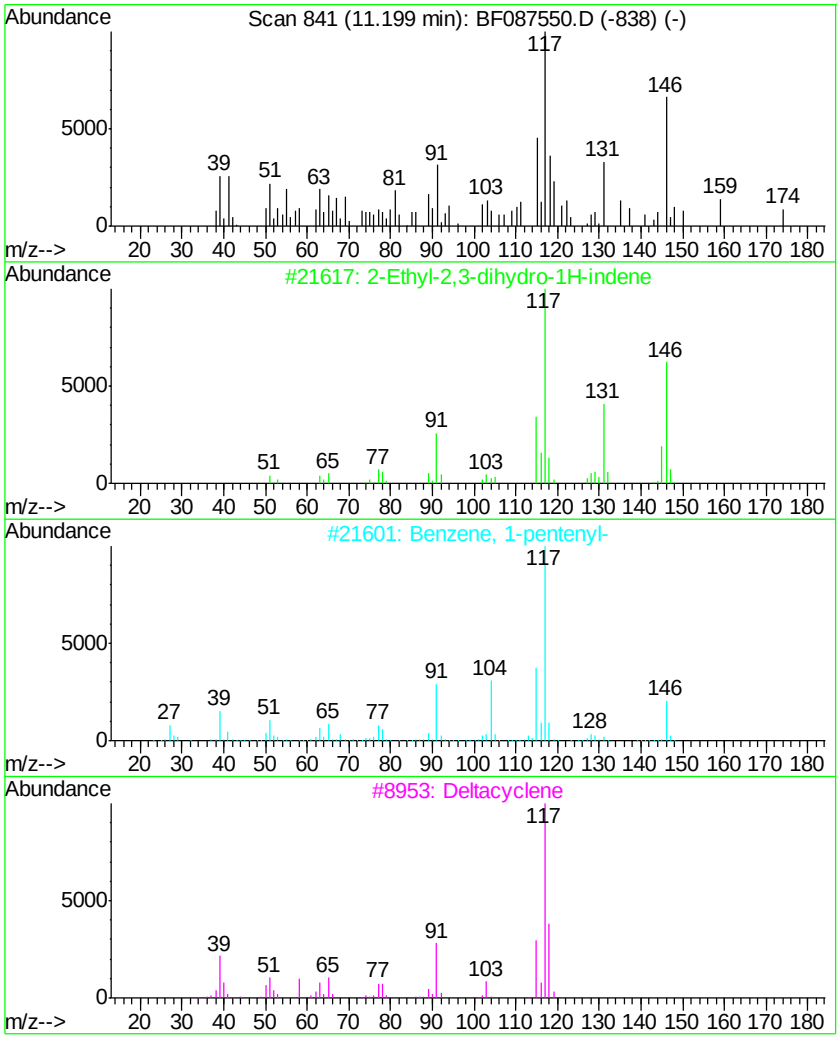
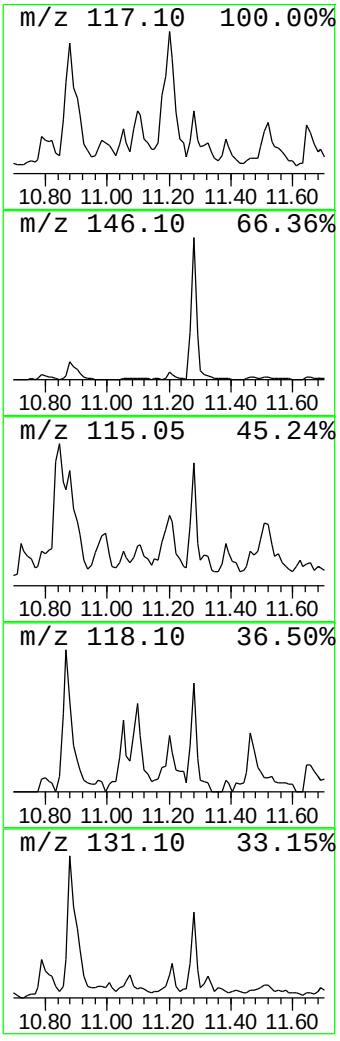
Peak Number 18 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.78 ng	150353	Acenaphthene-d10	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	62
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	50
3	Deltacyclene	118	C9H10	007785-10-6	42
4	7-Methylindan-1-one	146	C10H10O	039627-61-7	35
5	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	27





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ClientSampleId : MW-06

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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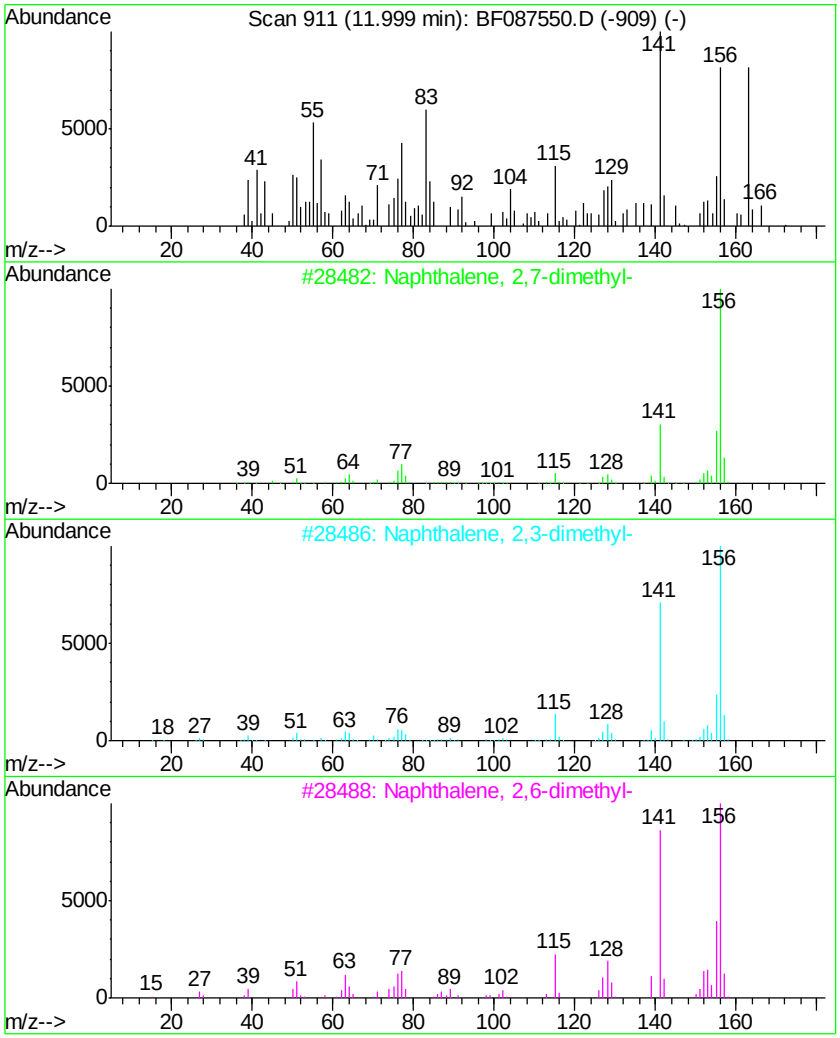
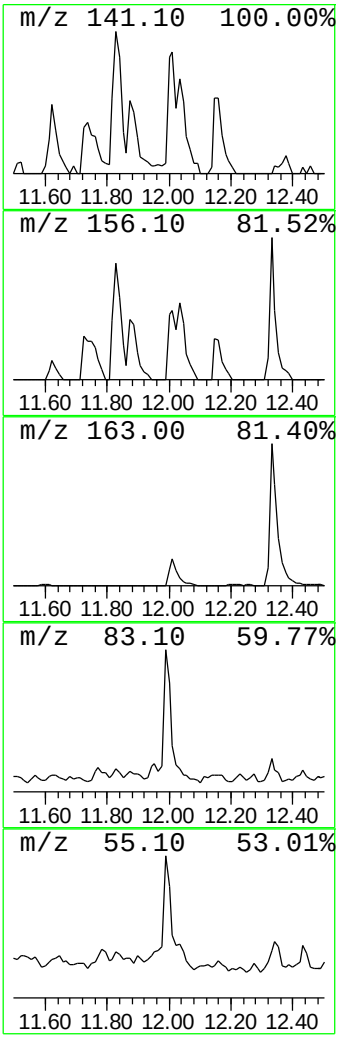
Peak Number 19 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.90 ng	264816	Acenaphthene-d10	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90





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ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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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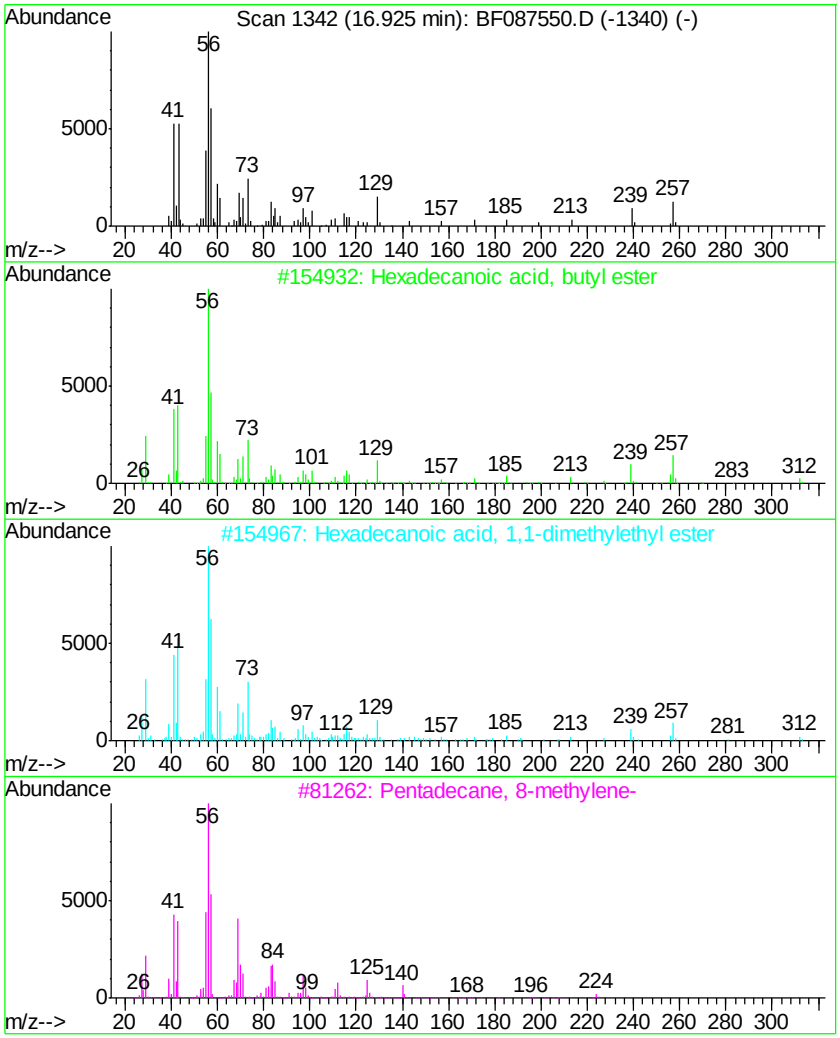
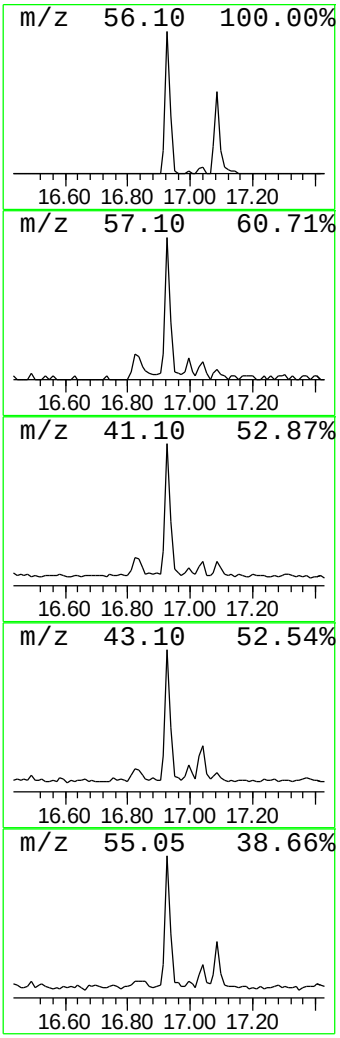
Peak Number 20 Hexadecanoic acid, butyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	3.99 ng	132089	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
3	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	43
4	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087550.D
Acq On : 30 May 2016 14:46
Operator : UM/SJ
Sample : H3317-04
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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...	4.76	3.5	ng	125206	1	7.47	708498	20.0
unknown6.91	6.91	2.7	ng	96607	1	7.47	708498	20.0
unknown7.13	7.13	92.5	ng	3275740	1	7.47	708498	20.0
Benzene, 1,4-diet...	7.91	3.4	ng	121930	1	7.47	708498	20.0
unknown8.49	8.49	4.9	ng	173287	1	7.47	708498	20.0
1H-Indene, 2,3-di...	8.57	3.2	ng	221215	2	9.51	1364760	20.0
Benzene, 1,2,4,5-...	8.73	4.9	ng	331666	2	9.51	1364760	20.0
Azulene, 1,2,3,3a...	9.02	3.5	ng	237413	2	9.51	1364760	20.0
Indan, 1-methyl-	9.10	16.0	ng	1093780	2	9.51	1364760	20.0
2-Octyne	9.27	5.8	ng	392251	2	9.51	1364760	20.0
1H-Indene, 2,3-di...	9.60	6.4	ng	439352	2	9.51	1364760	20.0
Naphthalene, 1,2,...	9.91	3.0	ng	204351	2	9.51	1364760	20.0
Benzene, pentamet...	10.44	3.5	ng	236328	2	9.51	1364760	20.0
Naphthalene, 1,2,...	10.58	5.5	ng	377405	2	9.51	1364760	20.0
1-Methylindan-2-one	10.88	4.8	ng	325790	2	9.51	1364760	20.0
2-Ethyl-2,3-dihyd...	11.20	2.8	ng	150353	3	12.33	1080750	20.0
Naphthalene, 2,7-...	12.00	4.9	ng	264816	3	12.33	1080750	20.0
Hexadecanoic acid...	16.93	4.0	ng	132089	5	18.47	662444	20.0