LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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	2.021	30	38	50	rVB	124246	404708	9.36%	0.813%
2	2.307	58	63	65	rBV3	34188	106942	2.47%	0.215%
3	2.513	77	81	84	rBV	55367	112317	2.60%	0.226%
4	2.855	109	111	112	rBV	60654	89573	2.07%	0.180%
5	2.901	112	115	124	rVB	124102	304210	7.03%	0.611%
6	3.861	194	199	210	rVB2	45861	137494	3.18%	0.276%
7	4.707	270	273	276	rBV	82856	179372	4.15%	0.360%
8	4.867	285	287	291	rBV	42282	91927	2.12%	0.185%
9	5.176	310	314	317	rBV3	47816	97014	2.24%	0.195%
10	5.256	317	321	326	rBV2	142945	395319	9.14%	0.794%
11	5.393	331	333	340	rBV	596360	1290199	29.82%	2.590%
12	5.564	347	348	352	rVB2	71504	94821	2.19%	0.190%
13	5.621	352	353	357	rVB	45797	71990	1.66%	0.145%
14	5.690	357	359	362	rBV	56129	106999	2.47%	0.215%
15	5.747	362	364	369	rVB2	28252	67816	1.57%	0.136%
16	5.999	384	386	391	rVV	71395	127636	2.95%	0.256%
17	6.433	422	424	428	rVV2	61293	133585	3.09%	0.268%
18	6.513	428	431	433	rVV	31341	67252	1.55%	0.135%
19	6.593	433	438	440	rVV3	43399	157360	3.64%	0.316%
20	6.730	447	450	453	rVV3	28691	86762	2.01%	0.174%
21	6.776	453	454	459	rVB2	48001	91960	2.13%	0.185%
22	6.902	463	465	469	rVB	130288	195478	4.52%	0.392%
23	6.970	469	471	474	rBV	110925	170249	3.94%	0.342%
24	7.062	477	479	483	rVV	411430	794453	18.36%	1.595%
25	7.130	483	485	495	rVV	1861424	3416097	78.97%	6.859%
26	7.256	495	496	500	rVB4	38625	69343	1.60%	0.139%
27	7.382	505	507	511	rVB2	61416	136530	3.16%	0.274%
28	7.473	511	515	518	rBV	531085	723435	16.72%	1.453%
29	7.530	518	520	522	rVB2	53985	66278	1.53%	0.133%
30	7.702	532	535	537	rBV	2128146	2939905	67.96%	5.903%
31	7.885	549	551	559	rVB2	256696	393068	9.09%	0.789%
32	8.022	559	563	569	rBV2	202273	490902	11.35%	0.986%
33	8.365	586	593	594	rBV2	605571	1473036	34.05%	2.958%
34	8.387	594	595	602	rVV	1567995	2727259	63.04%	5.476%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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

35	8.490	602	604	606	rVV2	100850	218431	5.05%	0.439%
36	8.525	606	607	608	rVV	97280	126414	2.92%	0.254%
37	8.559	608	610	614	rVV	186050	371504	8.59%	0.746%
38	8.639	614	617	619	rVV3	44765	130216	3.01%	0.261%
39	8.685	619	621	622	rVV2	84121	158595	3.67%	0.318%
40	8.719	622	624	627	rVV	295276	432906	10.01%	0.869%
41	8.822	631	633	636	rVV	102856	127370	2.94%	0.256%
42	8.902	636	640	643	rVV3	49572	154733	3.58%	0.311%
43	8.970	643	646	647	rVV	129969	273398	6.32%	0.549%
44	8.993	647	648	654	rVV3	203962	361061	8.35%	0.725%
45	9.096	654	657	661	rVV2	670665	1564317	36.16%	3.141%
46	9.188	663	665	668	rVV2	75335	160625	3.71%	0.323%
47	9.245	668	670	675	rVV2	232697	581351	13.44%	1.167%
48	9.359	675	680	683	rVV2	121562	264275	6.11%	0.531%
49	9.416	683	685	687	rVV2	39448	77060	1.78%	0.155%
50	9.508	690	693	695	rVV	930167	1556449	35.98%	3.125%
51	9.599	698	701	703	rVV2	348815	595965	13.78%	1.197%
52	9.690	707	709	711	rVV2	110704	198715	4.59%	0.399%
53	9.736	711	713	715	rVB	69199	81209	1.88%	0.163%
54	9.782	715	717	719	rBV2	97803	146085	3.38%	0.293%
55	9.839	719	722	724	rVV2	165639	254265	5.88%	0.511%
56	9.908	724	728	731	rVV3	190499	366824	8.48%	0.737%
57	9.976	731	734	735	rVV	158233	261503	6.04%	0.525%
58	10.010	735	737	740	rVV2	169425	392681	9.08%	0.788%
59	10.113	743	746	747	rVV	86554	171873	3.97%	0.345%
60	10.148	747	749	751	rVB2	61372	107265	2.48%	0.215%
61	10.239	751	757	758	rBV5	47107	143148	3.31%	0.287%
62	10.285	758	761	763	rVV	189187	353807	8.18%	0.710%
63	10.330	763	765	769	rVB3	135984	326901	7.56%	0.656%
64	10.410	769	772	778	rBV3	159819	486647	11.25%	0.977%
65	10.491	778	779	781	rVV2	69869	107526	2.49%	0.216%
66	10.536	781	783	784	rVV	124379	190072	4.39%	0.382%
67	10.570	784	786	789	rVV	261229	475740	11.00%	0.955%
68	10.639	789	792	796	rVB3	161099	320362	7.41%	0.643%
69	10.776	800	804	806	rBV4	155274	359279	8.31%	0.721%
70	10.811	806	807	809	rVV2	98982	134750	3.11%	0.271%
71	10.856	809	811	818	rVV	544065	927379	21.44%	1.862%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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

72	10.959	818	820	824	rVV2	101763	332442	7.68%	0.667%
73	11.016	824	825	828	rVV3	71280	161552	3.73%	0.324%
74	11.085	828	831	835	rVV3	221260	444378	10.27%	0.892%
75	11.176	835	839	845	rVV3	242577	661179	15.28%	1.328%
76	11.279	845	848	854	rVV	3021150	4326008	100.00%	8.686%
77	11.371	854	856	860	rVB3	59863	114314	2.64%	0.230%
78	11.439	860	862	864	rBV2	43155	80864	1.87%	0.162%
79	11.496	864	867	870	rVV2	102137	255087	5.90%	0.512%
80	11.588	873	875	879	rVB	88269	138145	3.19%	0.277%
81	11.736	884	888	890	rVV2	134480	356048	8.23%	0.715%
82	11.839	893	897	902	rVV2	229162	736058	17.01%	1.478%
83	11.919	902	904	907	rVV2	84582	233616	5.40%	0.469%
84	11.988	907	910	917	rVB5	162459	465437	10.76%	0.935%
85	12.148	922	924	927	rVB3	30211	67637	1.56%	0.136%
86	12.262	932	934	937	rVB4	38580	70827	1.64%	0.142%
87	12.331	937	940	944	rBV	821844	1197482	27.68%	2.404%
88	12.674	967	970	977	rBV4	63604	194852	4.50%	0.391%
89	12.845	980	985	990	rBV6	41082	165176	3.82%	0.332%
90	12.971	993	996	1000	rBV	166605	231526	5.35%	0.465%
91	13.634	1051	1054	1061	rVV	1642961	2494264	57.66%	5.008%
92	13.931	1077	1080	1084	rBV4	34931	78210	1.81%	0.157%
93	14.742	1149	1151	1161	rBV	627815	977050	22.59%	1.962%
94	15.154	1184	1187	1193	rVB	48241	94761	2.19%	0.190%
95	15.725	1234	1237	1243	rBV	53411	97607	2.26%	0.196%
96	15.874	1247	1250	1264	rVV	117180	203006	4.69%	0.408%
97	16.823	1331	1333	1340	rBV	68803	120674	2.79%	0.242%
98	17.085	1354	1356	1359	rBV	2524974	3307836	76.46%	6.641%
99	18.457	1474	1476	1493	rBV	297473	770471	17.81%	1.547%
100	20.149	1621	1624	1643	rBV	231940	657092	15.19%	1.319%

Sum of corrected areas: 49805589

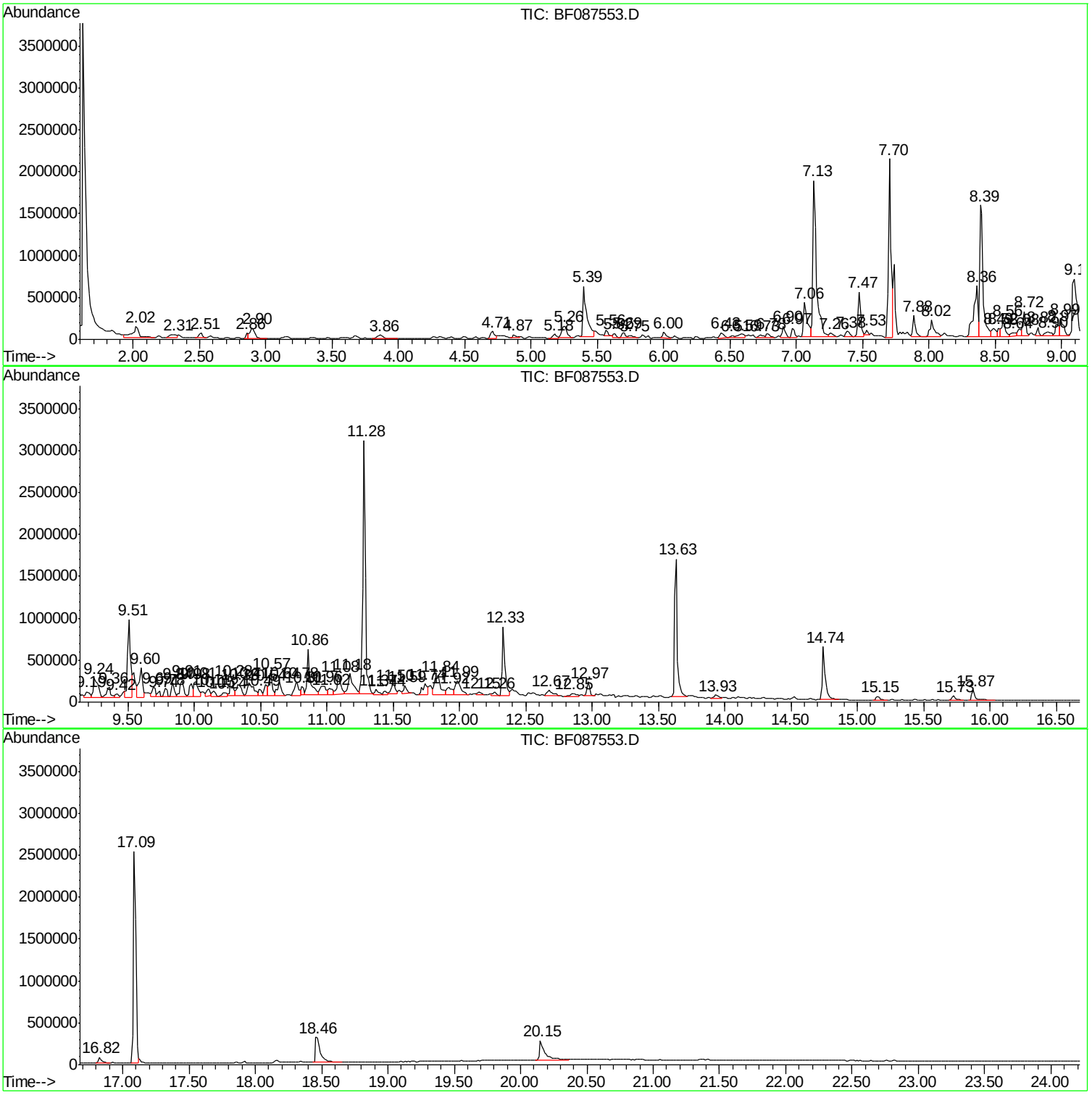
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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\
Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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

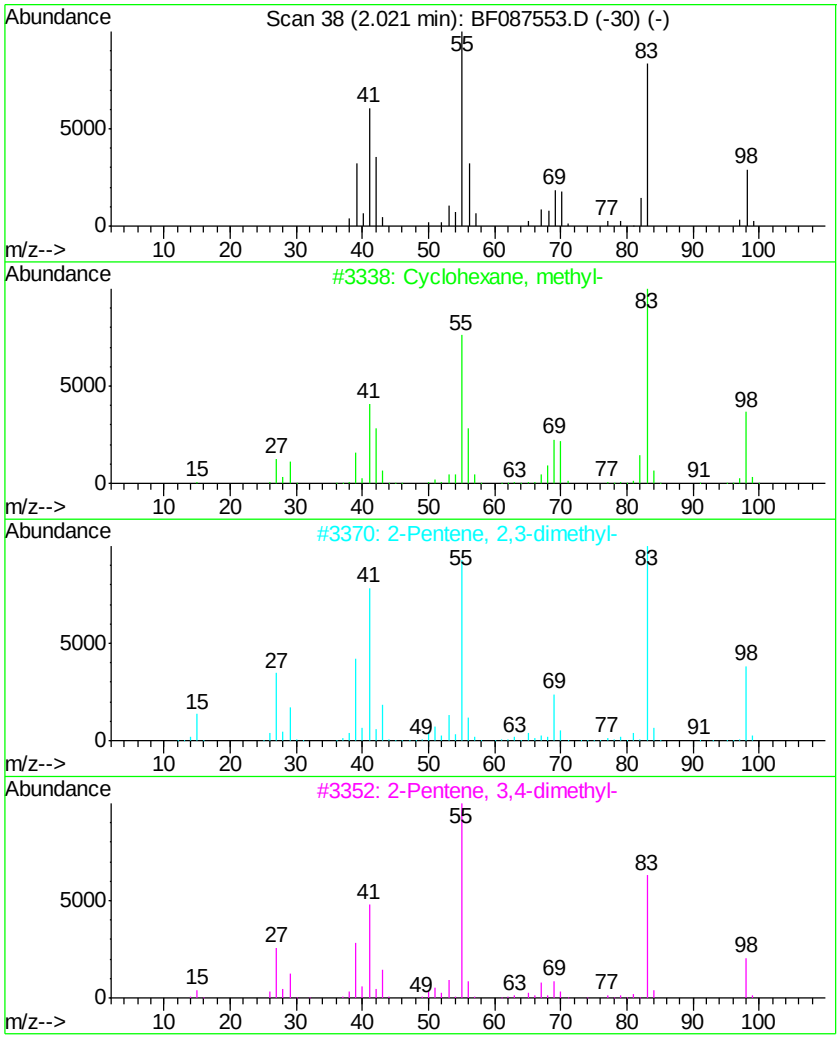
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

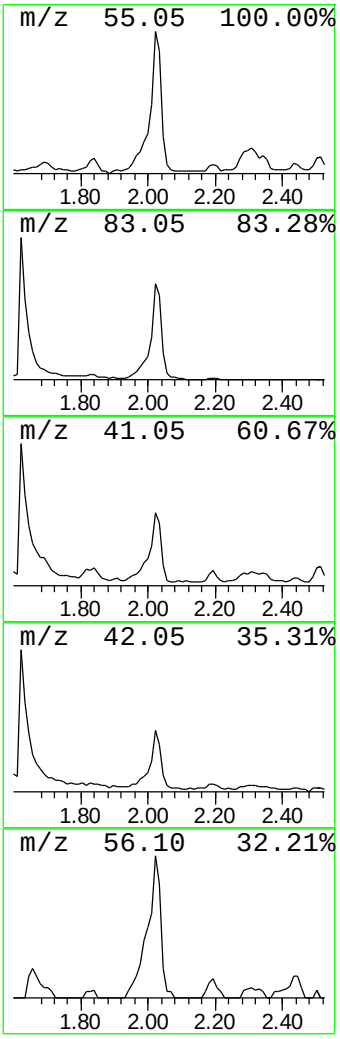
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.02	11.19 ng	404708	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	68
3	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	64
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	64
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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

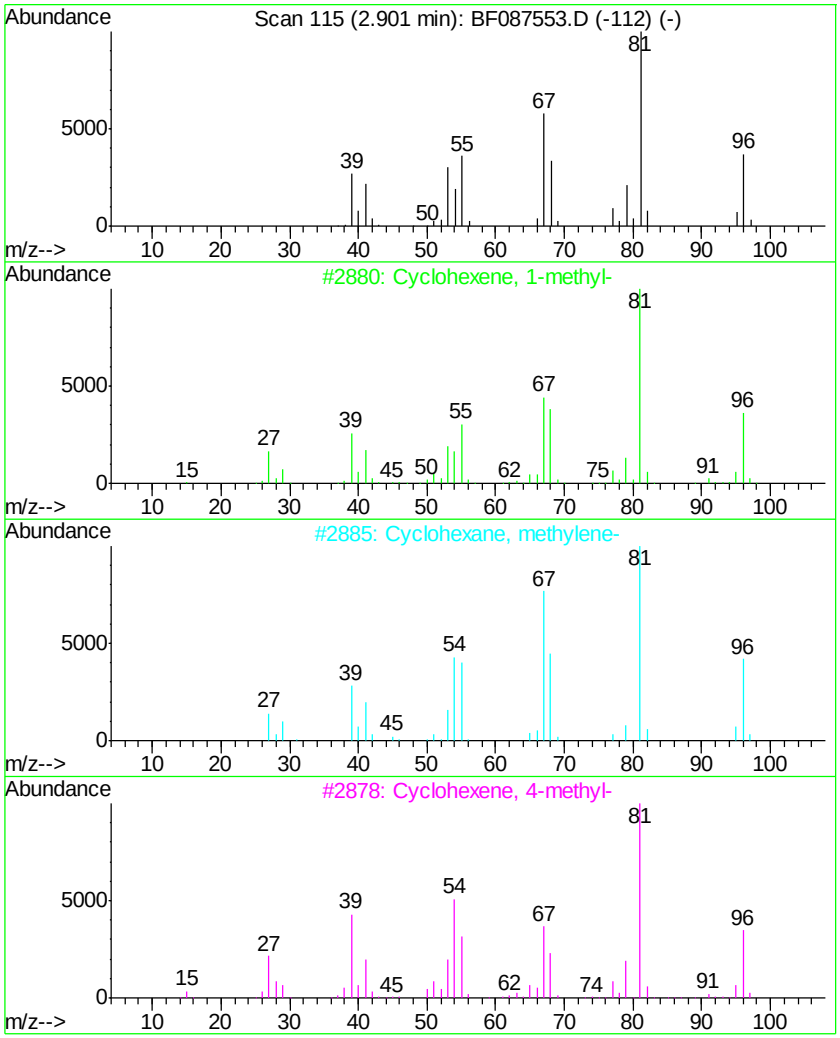
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

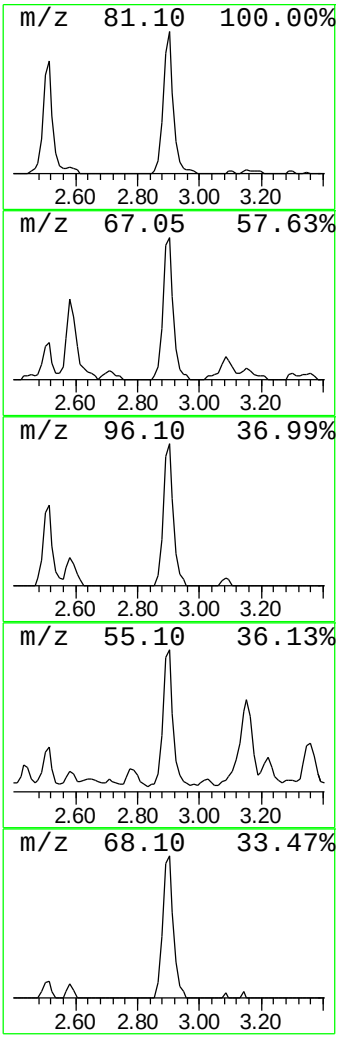
****

Peak Number 2 Cyclohexene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	8.41 ng	304210	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
2	Cyclohexane, methylene-	96	C7H12	001192-37-6	87
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	80
4	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	76
5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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

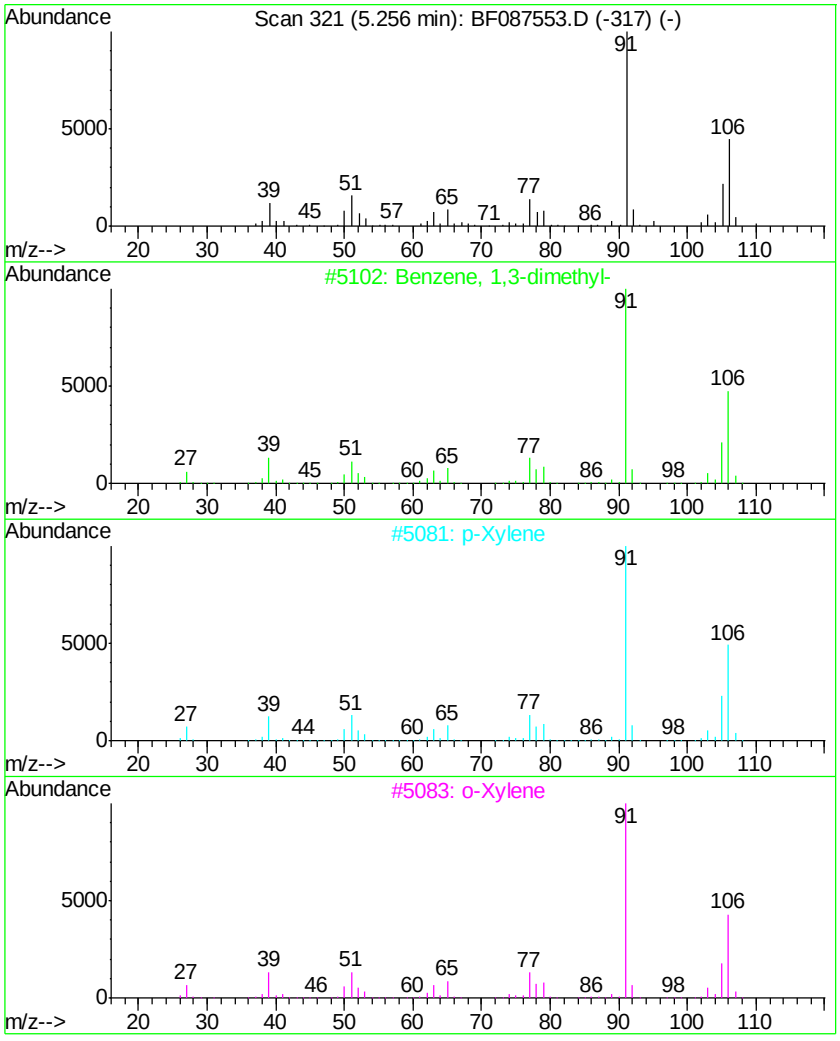
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

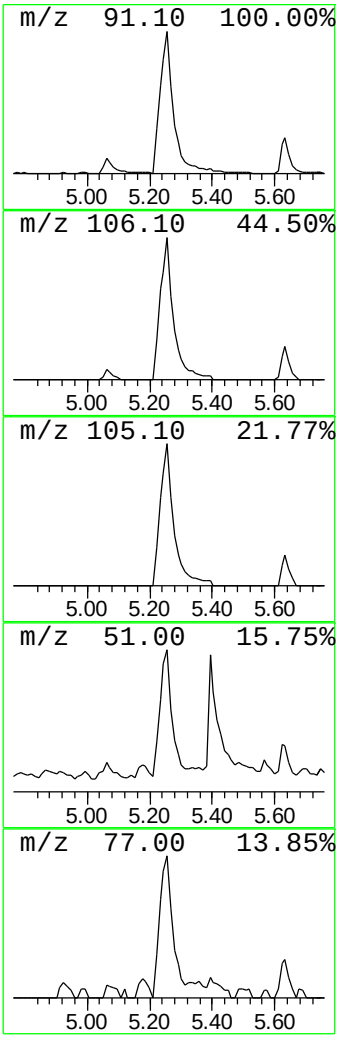
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	10.93 ng	395319	1,4-Dichlorobenzene-d4	7.47

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	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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

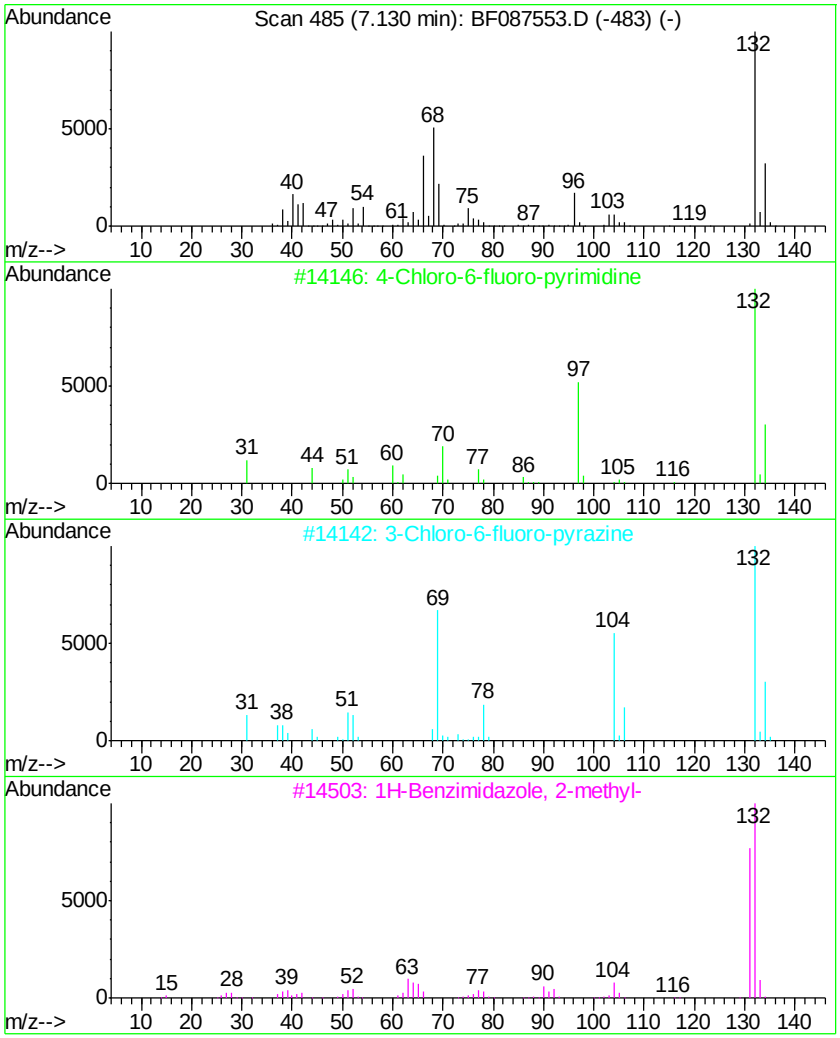
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

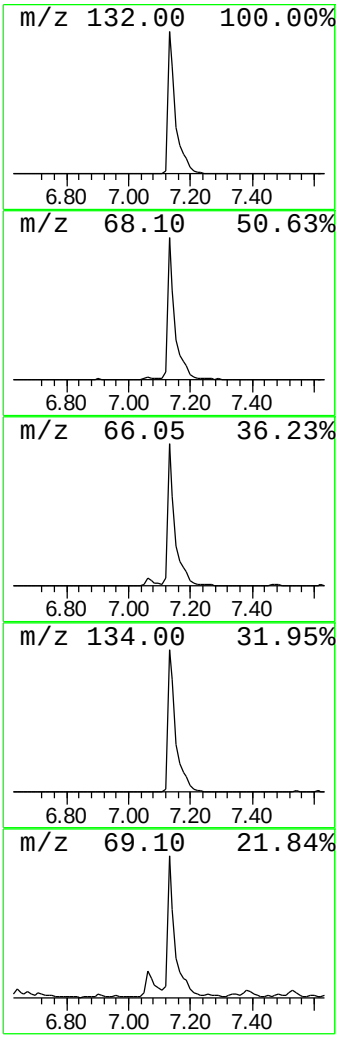
****

Peak Number 4 unknown7.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	94.44 ng	3416100	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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

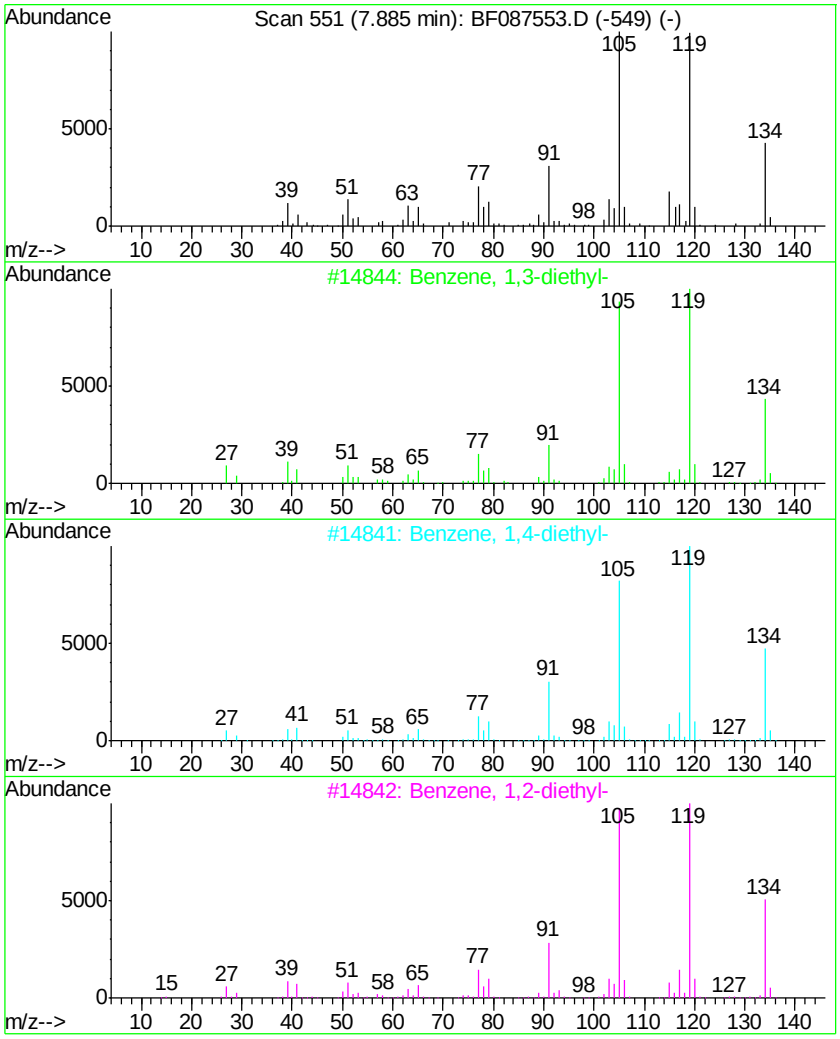
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

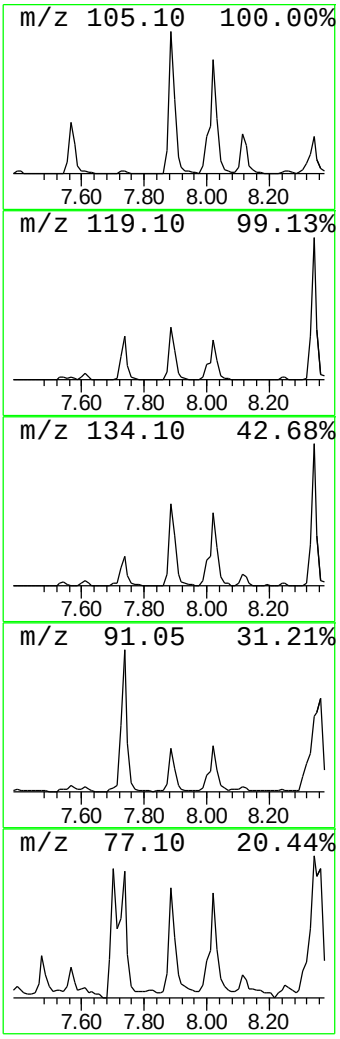
****

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	10.87 ng	393068	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	o-Cymene	134	C10H14	000527-84-4	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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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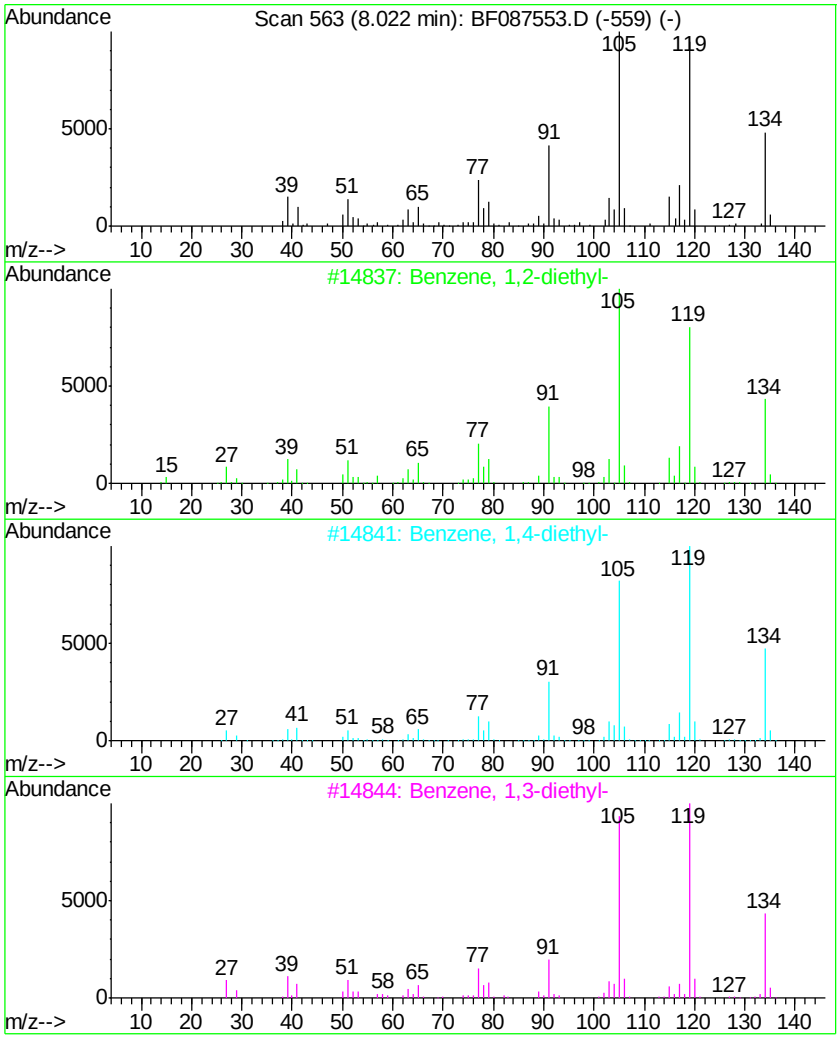
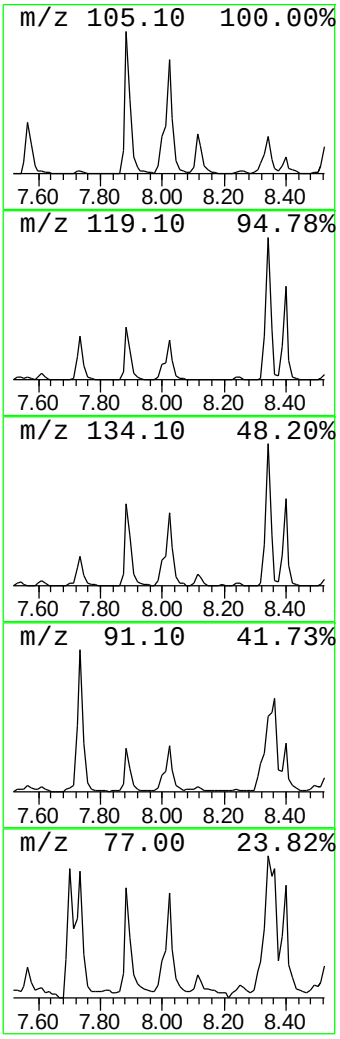
Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	13.57 ng	490902	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





Library Search Compound Report

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Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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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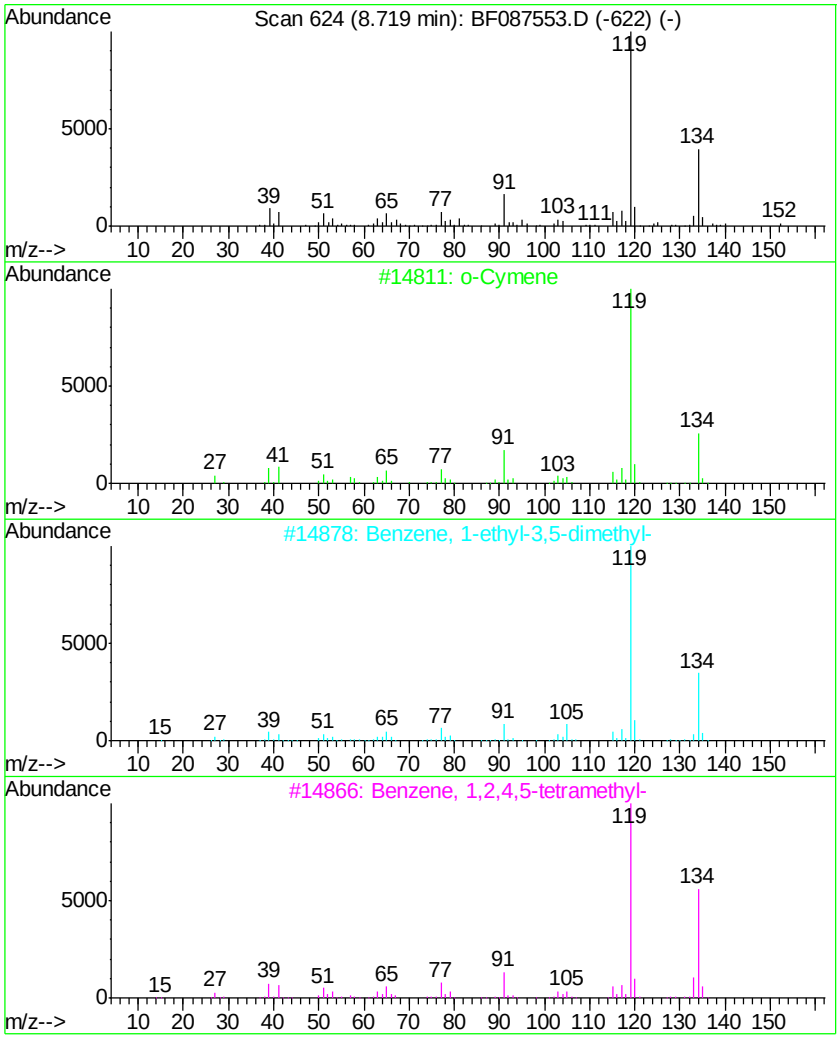
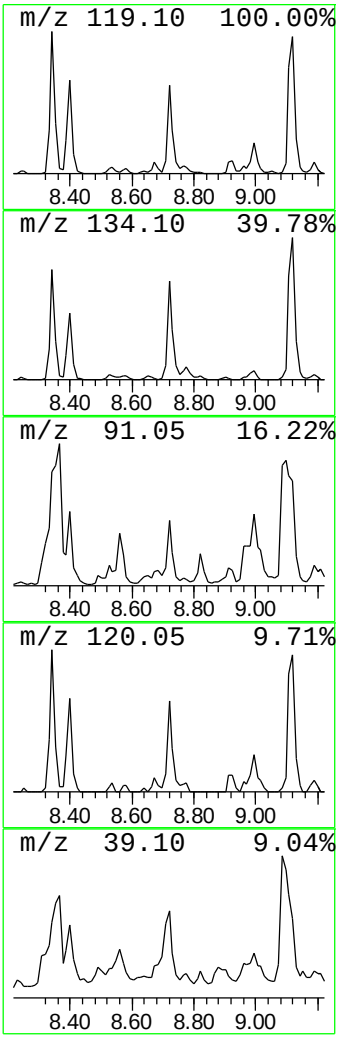
Peak Number 8 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	5.56 ng	432906	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





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Instrument : BNA_F
ClientSampleId : MW-07

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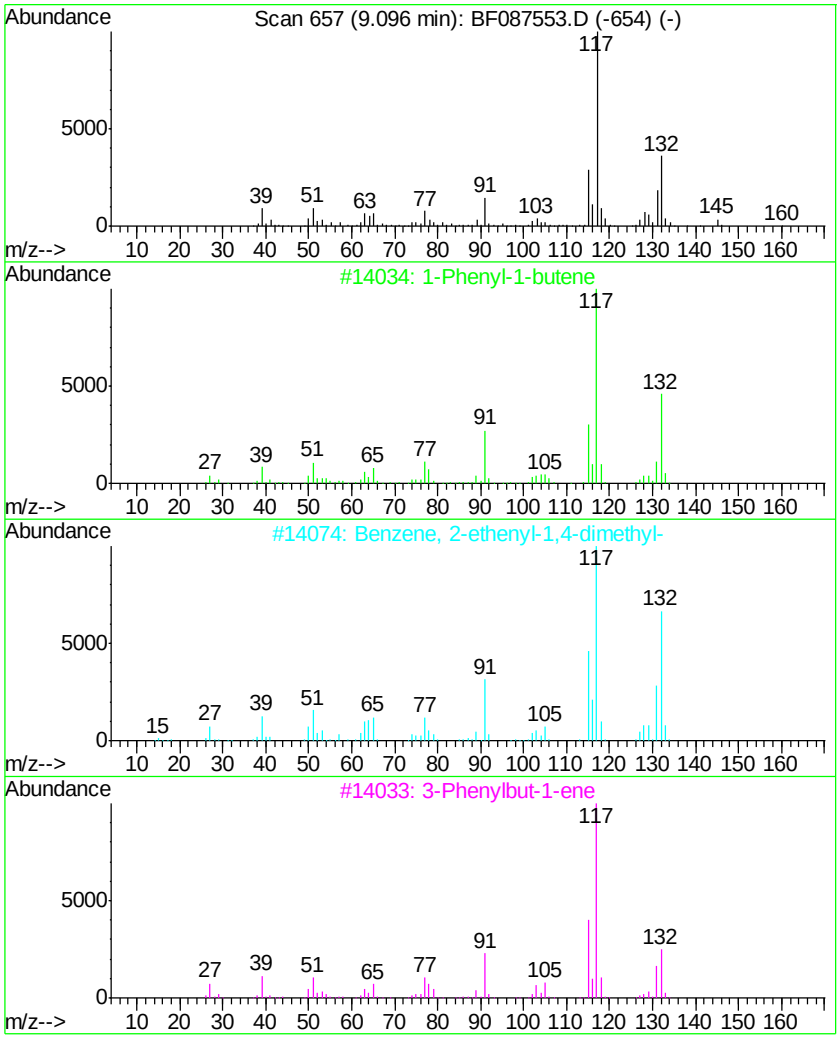
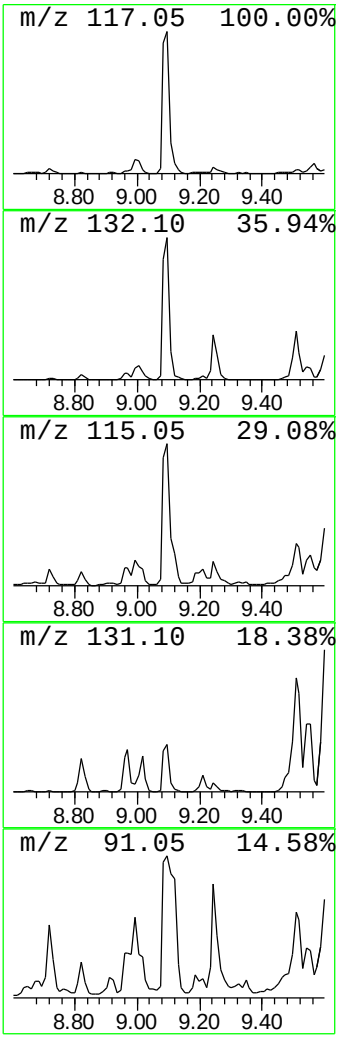
Peak Number 9 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	20.10 ng	1564320	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91





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Instrument : BNA_F
ClientSampleId : MW-07

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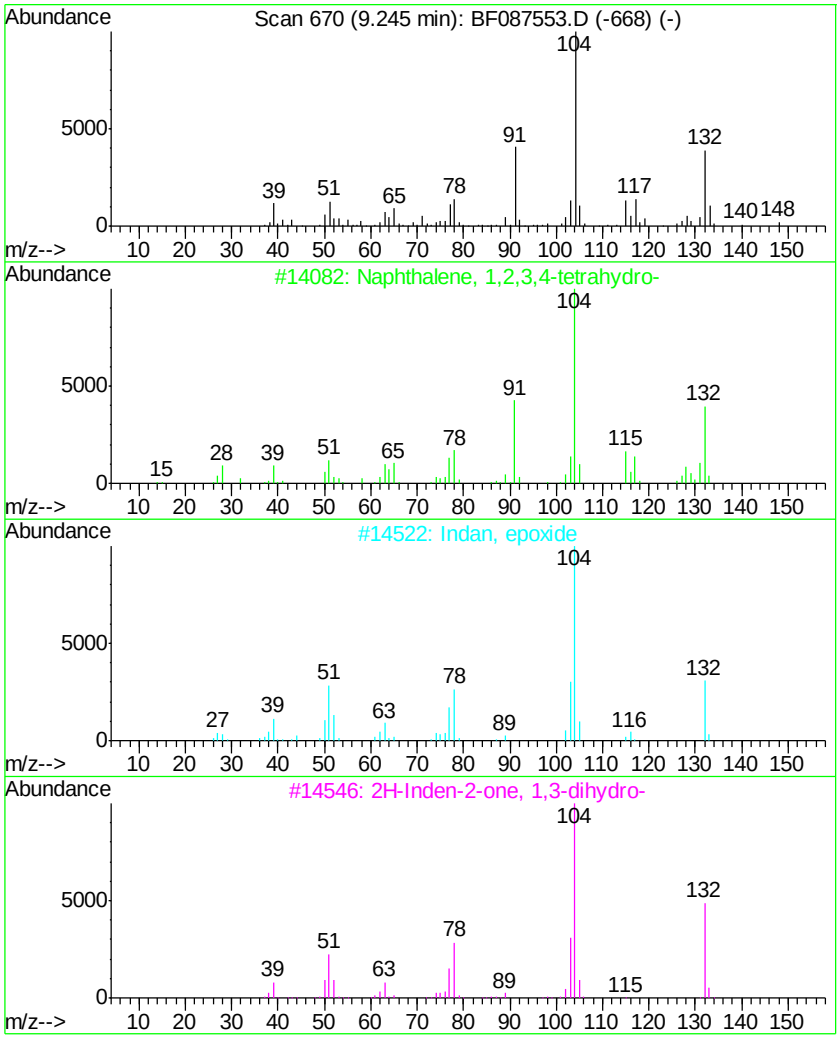
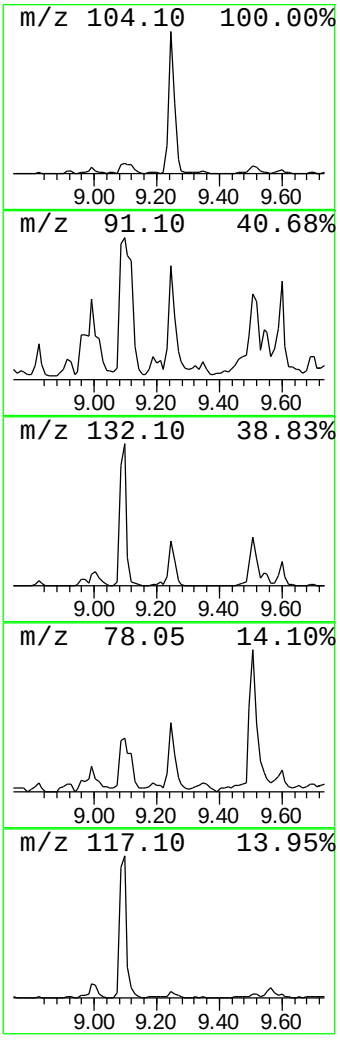
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	7.47 ng	581351	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2	Indan, epoxide	132	C9H8O	000768-22-9	70
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
4	1,3-Propanediamine, 2-phenyl-	150	C9H14N2	055165-09-8	43
5	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	38





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Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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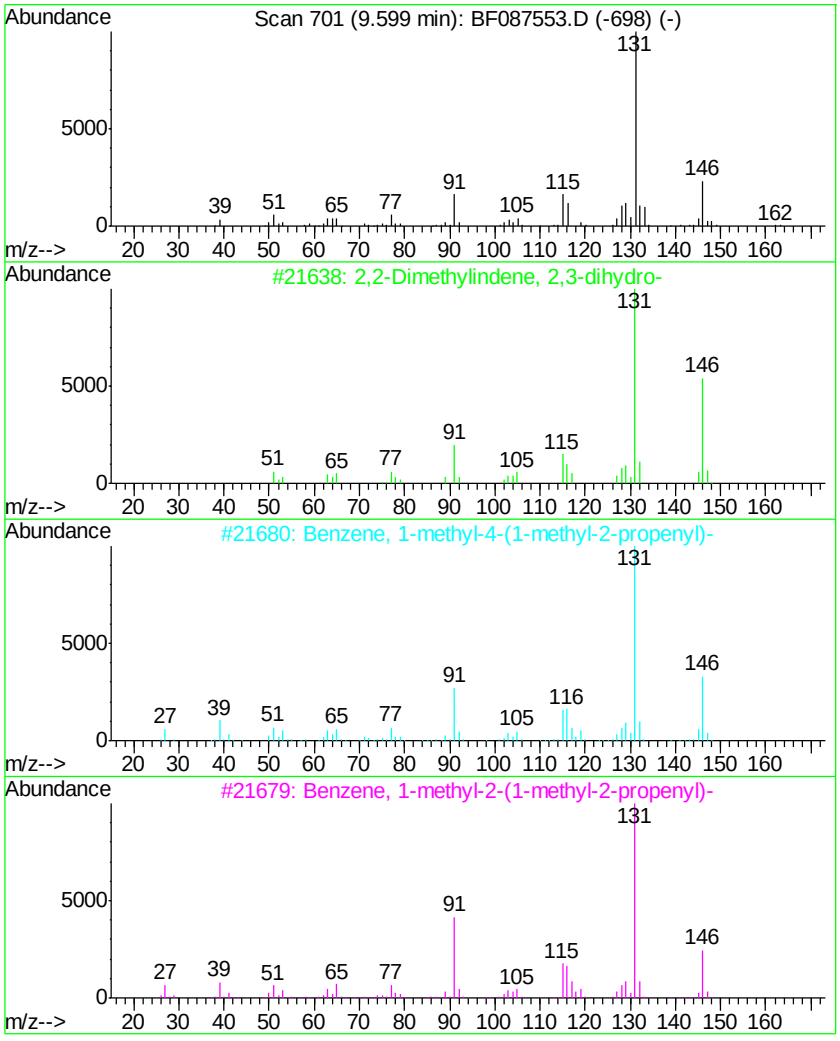
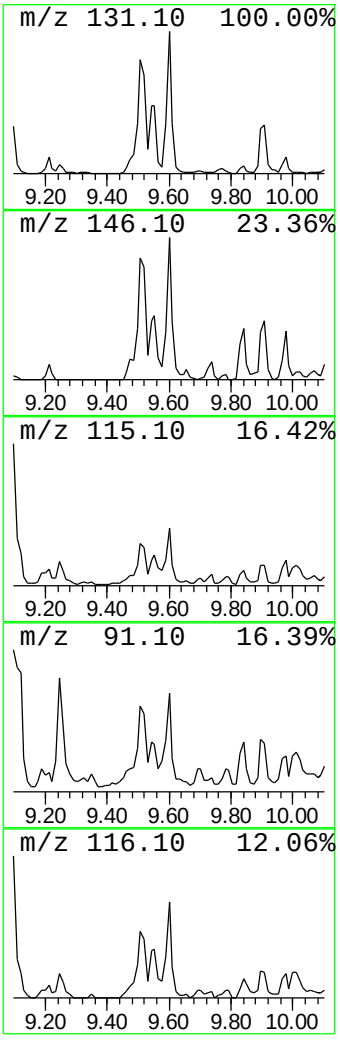
Peak Number 11 2,2-Dimethylindene, 2,3-dih... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	7.66 ng	595965	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90





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Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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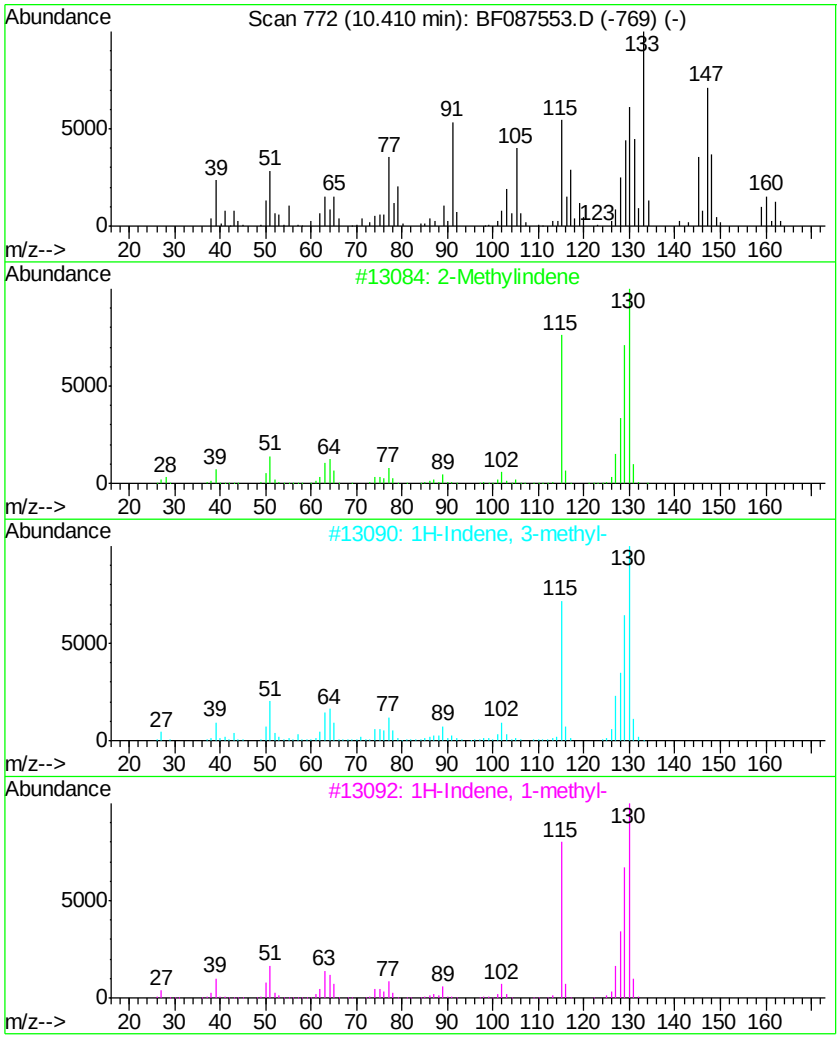
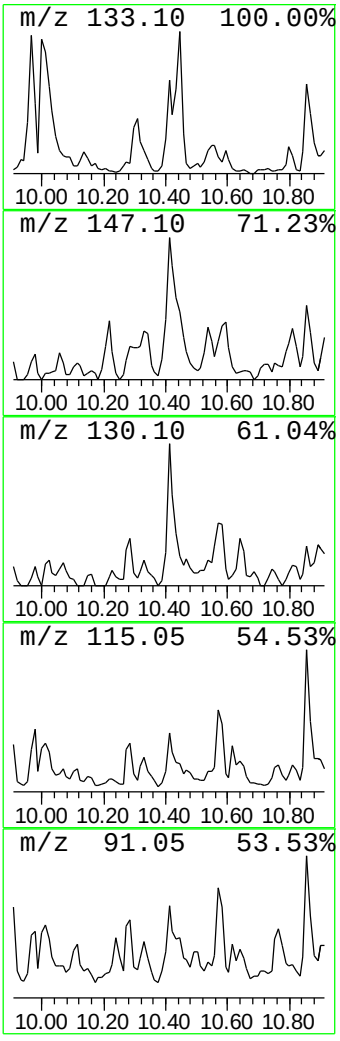
Peak Number 12 unknown10.41 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	6.25 ng	486647	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	38
2	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	30
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	30
4	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	30
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	25





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TIC Library : C:\Database\NIST11.L
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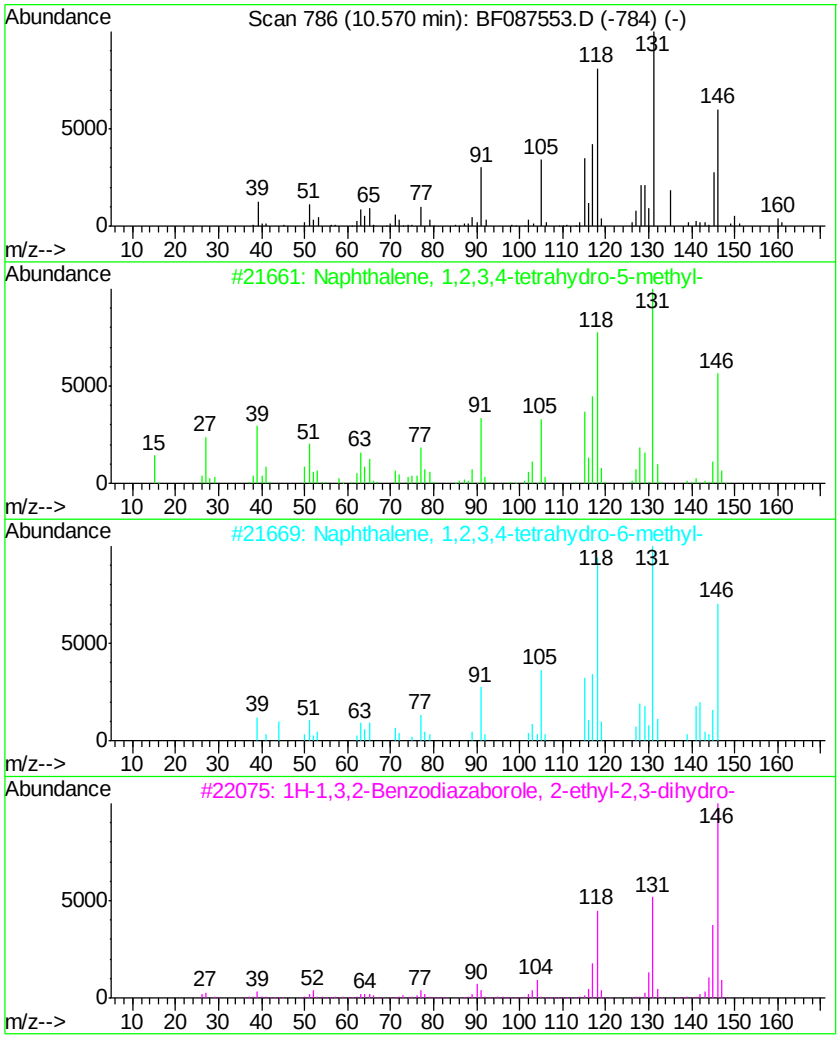
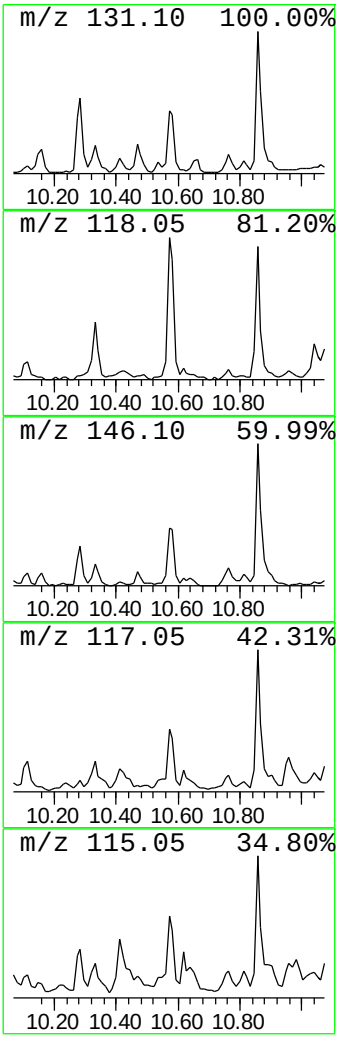
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	6.11 ng	475740	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	72
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	50
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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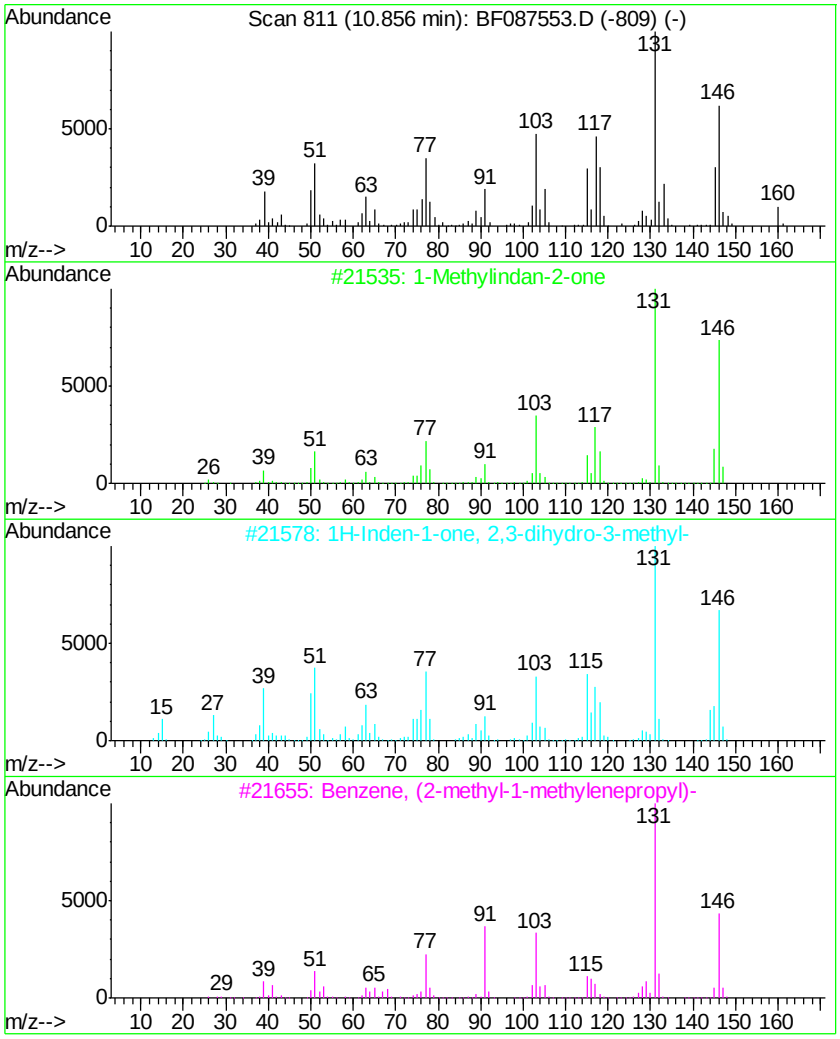
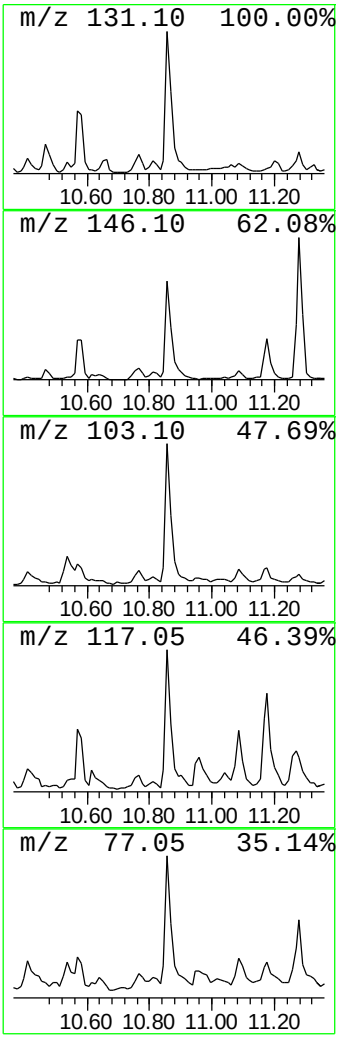
Peak Number 14 1-Methylindan-2-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	11.92 ng	927379	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	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	70
3	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	53
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	52
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	49





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Sample : H3317-07
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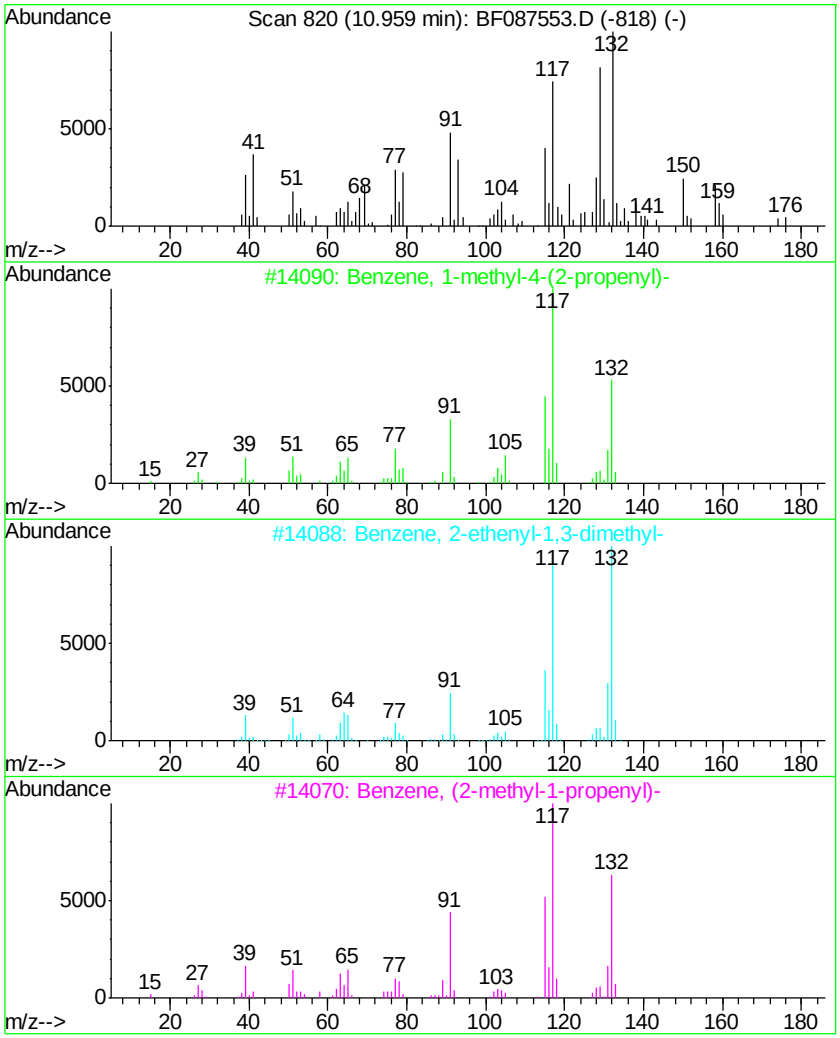
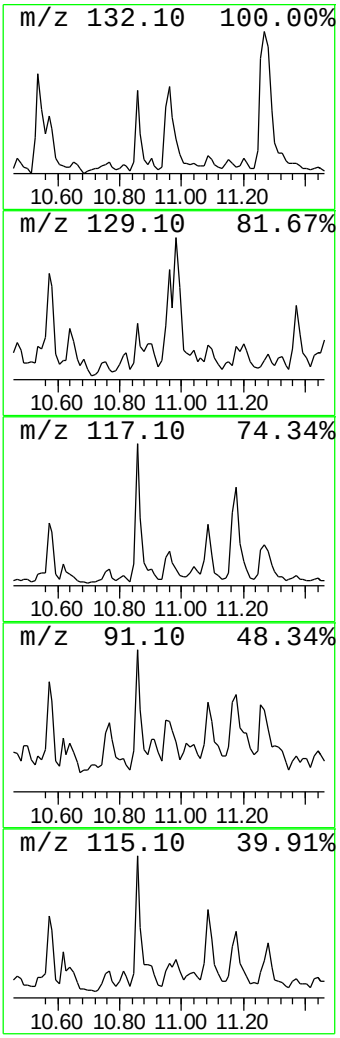
Peak Number 15 Benzene, 1-methyl-4-(2-prop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	5.55 ng	332442	Acenaphthene-d10	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	55
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	49
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	49





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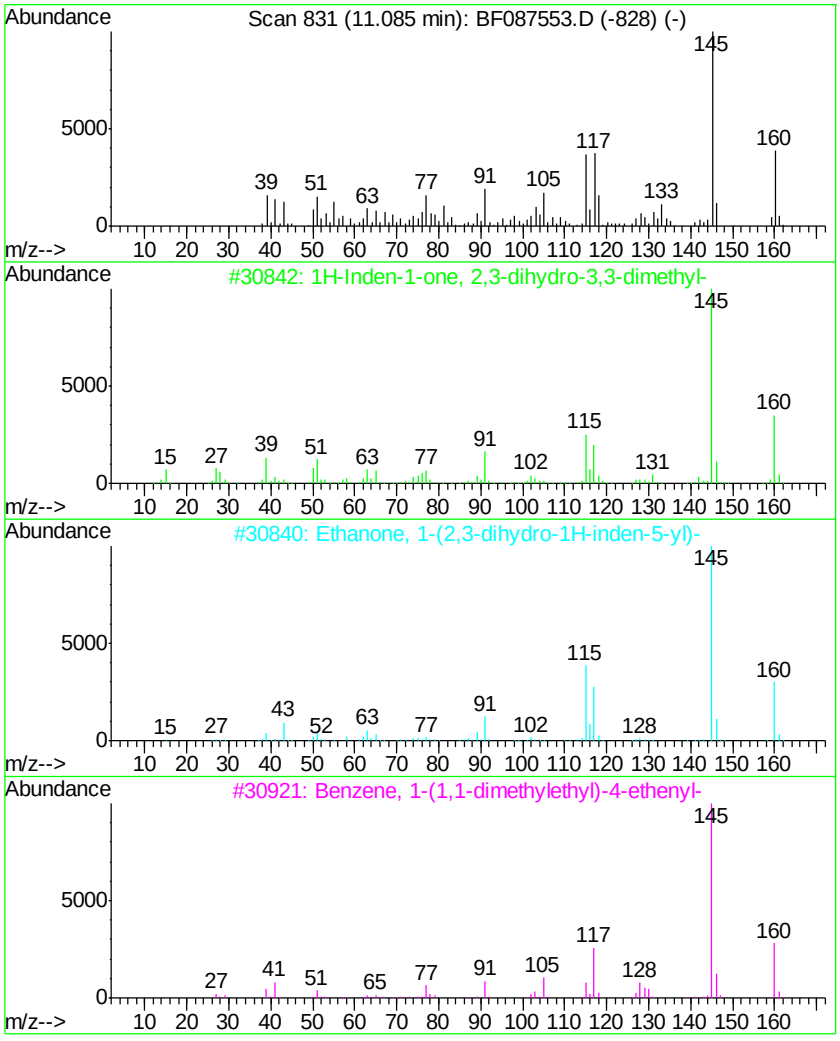
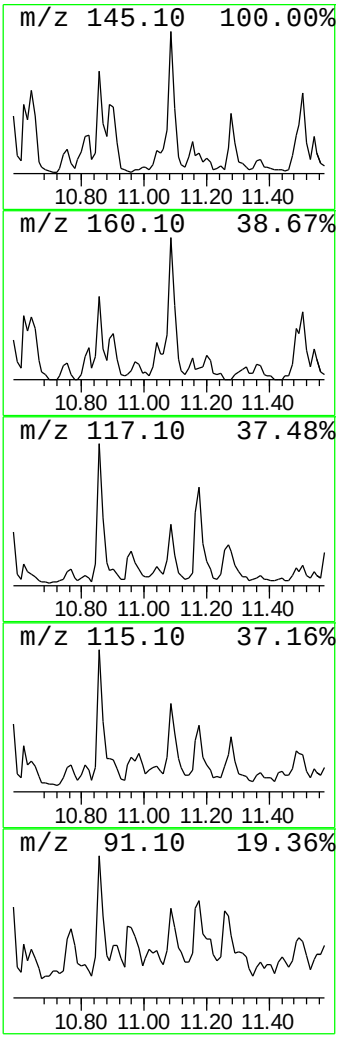
Peak Number 16 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	7.42 ng	444378	Acenaphthene-d10	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	95
2	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	93
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	81
4	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	81
5	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	62





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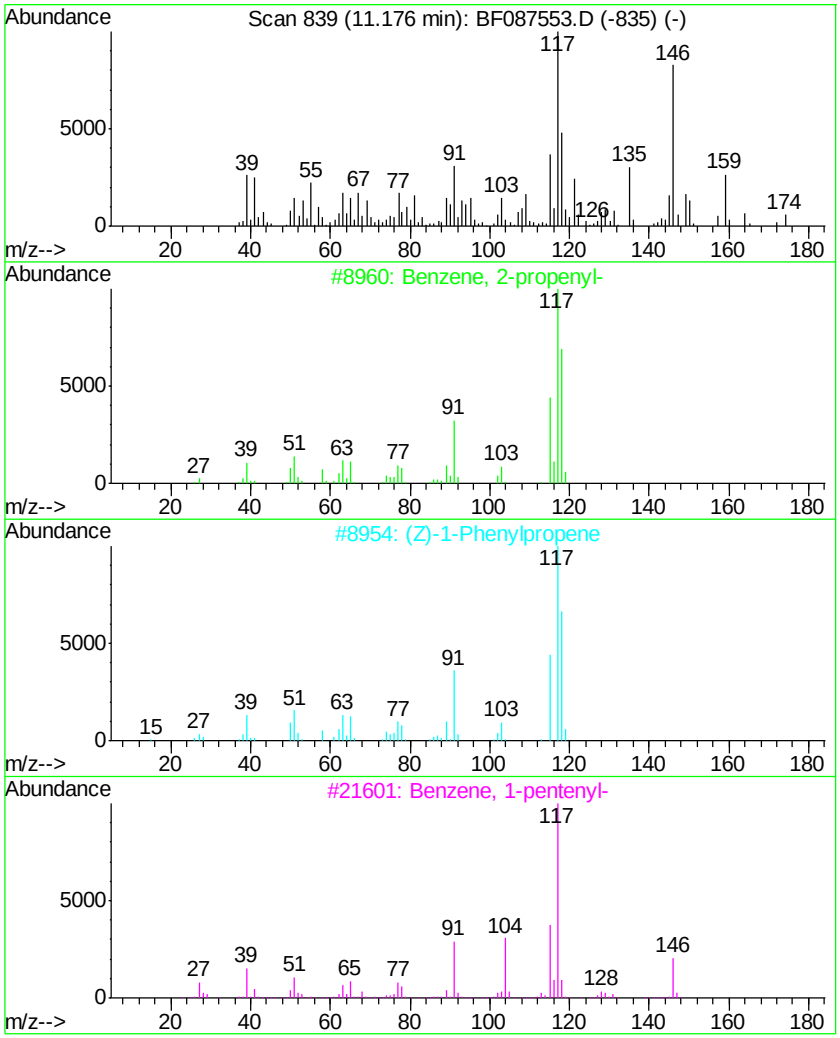
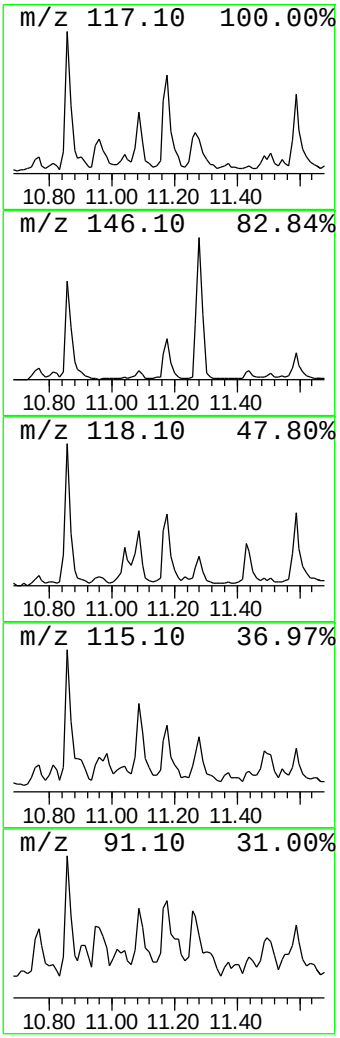
Peak Number 17 Benzene, 2-propenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	11.04 ng	661179	Acenaphthene-d10	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	86
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	60
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	55
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	53





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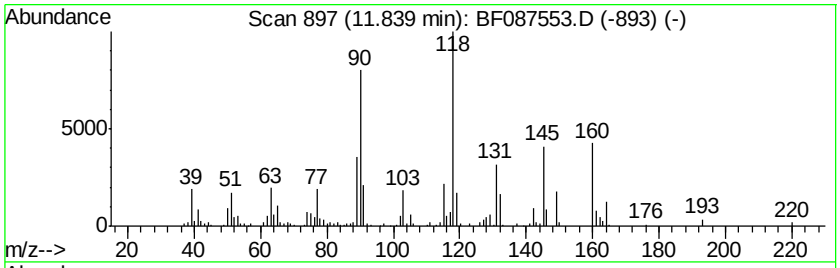
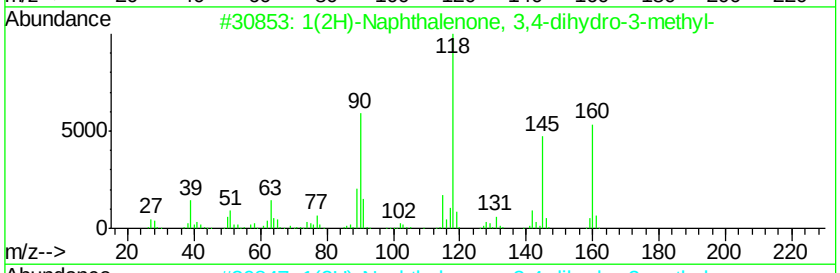
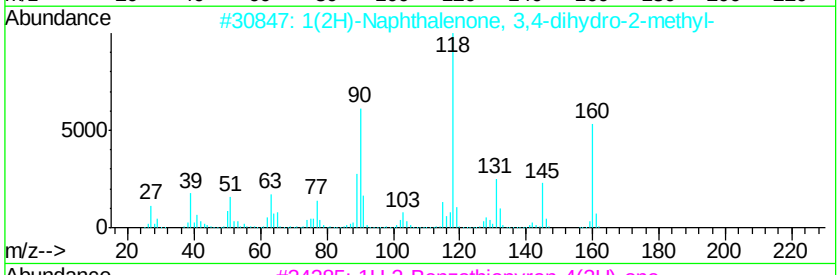
Peak Number 19 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 5

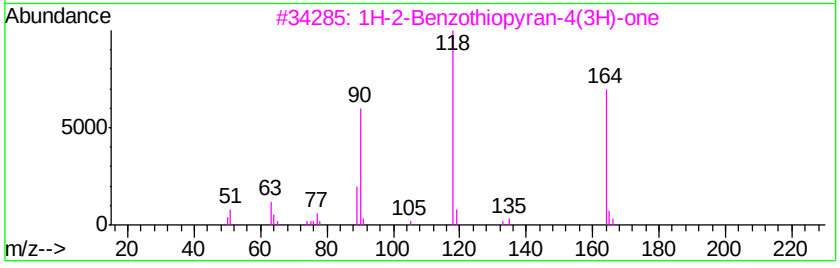
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	12.29 ng	736058	Acenaphthene-d10	12.33

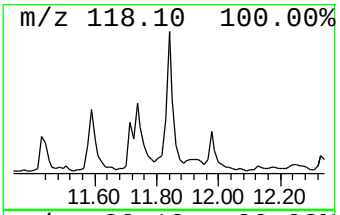
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	93
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	90
3	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	68
4	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	59
5	Homophthalimide	161	C9H7NO2	004456-77-3	45

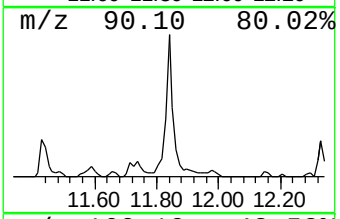


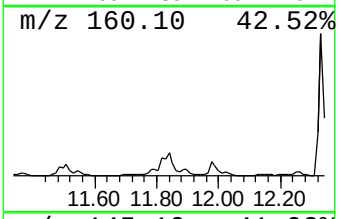


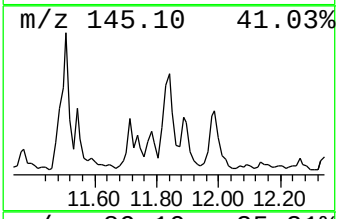


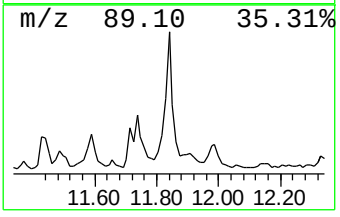












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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

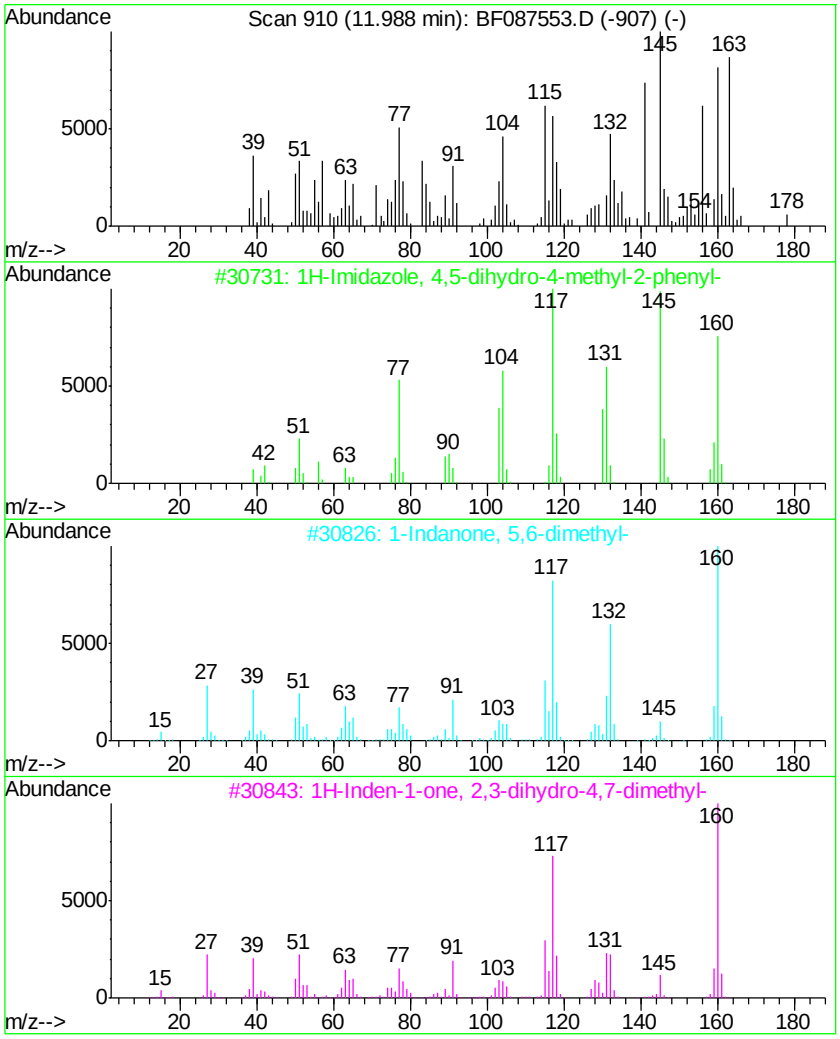
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

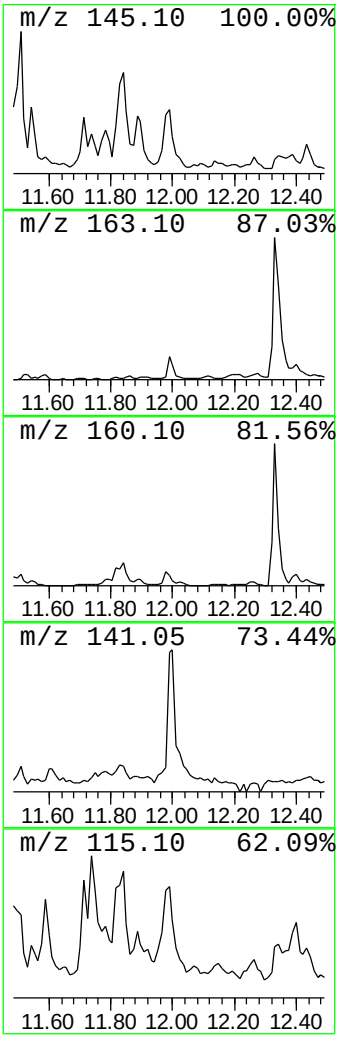
****

Peak Number 20 unknown11.99 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	7.77 ng	465437	Acenaphthene-d10	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4,5-dihydro-4-meth...	160	C10H12N2	000939-06-0	46
2	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	35
3	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	25
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	25
5	2,5-Dimethylphenyl isothiocyanate	163	C9H9NS	019241-15-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087553.D
Acq On : 30 May 2016 16:29
Operator : UM/SJ
Sample : H3317-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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
Cyclohexane, methyl-	2.02	11.2	ng	404708	1	7.47	723435	20.0
Cyclohexene, 1-me...	2.90	8.4	ng	304210	1	7.47	723435	20.0
Benzene, 1,3-dime...	5.26	10.9	ng	395319	1	7.47	723435	20.0
unknown7.13	7.13	94.4	ng	3416100	1	7.47	723435	20.0
Benzene, 1,3-diet...	7.88	10.9	ng	393068	1	7.47	723435	20.0
Benzene, 1,2-diet...	8.02	13.6	ng	490902	1	7.47	723435	20.0
o-Cymene	8.72	5.6	ng	432906	2	9.51	1556450	20.0
1-Phenyl-1-butene	9.10	20.1	ng	1564320	2	9.51	1556450	20.0
Naphthalene, 1,2,...	9.24	7.5	ng	581351	2	9.51	1556450	20.0
2,2-Dimethylinden...	9.60	7.7	ng	595965	2	9.51	1556450	20.0
unknown10.41	10.41	6.3	ng	486647	2	9.51	1556450	20.0
Naphthalene, 1,2,...	10.57	6.1	ng	475740	2	9.51	1556450	20.0
1-Methylindan-2-one	10.86	11.9	ng	927379	2	9.51	1556450	20.0
Benzene, 1-methyl...	10.96	5.5	ng	332442	3	12.33	1197480	20.0
1H-Inden-1-one, 2...	11.08	7.4	ng	444378	3	12.33	1197480	20.0
Benzene, 2-propenyl-	11.18	11.0	ng	661179	3	12.33	1197480	20.0
1(2H)-Naphthaleno...	11.84	12.3	ng	736058	3	12.33	1197480	20.0
unknown11.99	11.99	7.8	ng	465437	3	12.33	1197480	20.0