LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009962.D
Acq On : 07 May 2017 04:03
Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-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_M\METHODS\8270-BM050517.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	4.904	304	309	319	rBV	97790	162567	1.91%	0.361%
2	5.357	380	386	399	rBV	840053	1307252	15.37%	2.906%
3	6.245	532	537	543	rBV	81364	121992	1.43%	0.271%
4	6.739	614	621	627	rBV	86249	133856	1.57%	0.298%
5	6.951	651	657	670	rBV	534203	890350	10.47%	1.979%
6	7.304	710	717	732	rVB	1620343	2609538	30.68%	5.801%
7	7.769	789	796	803	rBV	394908	624863	7.35%	1.389%
8	8.086	839	850	855	rBV	1450628	2321573	27.30%	5.160%
9	8.133	855	858	866	rVB	282989	417351	4.91%	0.928%
10	8.245	871	877	884	rBV	92577	136836	1.61%	0.304%
11	8.857	976	981	988	rVB3	116184	195421	2.30%	0.434%
12	8.939	988	995	1010	rBV	1519797	2604278	30.62%	5.789%
13	9.380	1065	1070	1077	rVB	134167	209936	2.47%	0.467%
14	9.745	1127	1132	1138	rBV5	59401	119642	1.41%	0.266%
15	9.804	1138	1142	1153	rVB2	93933	182942	2.15%	0.407%
16	9.951	1157	1167	1175	rBV2	216188	398916	4.69%	0.887%
17	10.563	1258	1271	1283	rVB	510091	1208743	14.21%	2.687%
18	10.663	1283	1288	1294	rVB2	114710	184698	2.17%	0.411%
19	11.022	1344	1349	1356	rVB2	215402	345996	4.07%	0.769%
20	11.133	1361	1368	1373	rBV2	160505	284693	3.35%	0.633%
21	11.210	1377	1381	1389	rVB4	49233	94520	1.11%	0.210%
22	11.469	1418	1425	1430	rVB2	114482	207713	2.44%	0.462%
23	11.663	1453	1458	1469	rBV3	113913	249623	2.94%	0.555%
24	11.751	1469	1473	1480	rVB4	55595	103148	1.21%	0.229%
25	11.880	1491	1495	1501	rVB4	71426	115088	1.35%	0.256%
26	11.945	1501	1506	1510	rBV3	72097	147653	1.74%	0.328%
27	12.110	1526	1534	1542	rVB2	169063	324723	3.82%	0.722%
28	12.474	1591	1596	1601	rBV2	146071	257545	3.03%	0.572%
29	12.657	1618	1627	1631	rBV10	38033	104245	1.23%	0.232%
30	12.886	1661	1666	1670	rBV7	43804	90314	1.06%	0.201%
31	13.033	1684	1691	1698	rVB	3219616	4615148	54.27%	10.259%
32	13.345	1739	1744	1749	rVB3	88275	167464	1.97%	0.372%
33	13.404	1749	1754	1761	rBV4	80131	142154	1.67%	0.316%
34	13.580	1777	1784	1786	rBV5	82382	150058	1.76%	0.334%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-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_M\METHODS\8270-BM050517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.733	1801	1810	1814	rBV3	113619	259956	3.06%	0.578%
36	13.768	1814	1816	1821	rVB3	61976	89368	1.05%	0.199%
37	13.974	1847	1851	1854	rBV2	115643	183153	2.15%	0.407%
38	14.010	1854	1857	1861	rVB2	108441	147279	1.73%	0.327%
39	14.145	1875	1880	1890	rBV2	118047	181207	2.13%	0.403%
40	14.421	1921	1927	1933	rBV2	823355	1316902	15.48%	2.927%
41	14.492	1935	1939	1945	rVB2	76854	164363	1.93%	0.365%
42	14.827	1991	1996	2002	rVB5	100133	191295	2.25%	0.425%
43	15.039	2026	2032	2035	rBV2	121702	208132	2.45%	0.463%
44	15.251	2064	2068	2075	rVB6	87163	152896	1.80%	0.340%
45	15.474	2101	2106	2110	rBV3	123135	194120	2.28%	0.431%
46	15.604	2122	2128	2132	rBV2	231084	362670	4.26%	0.806%
47	15.927	2175	2183	2195	rVB	3172592	4634574	54.49%	10.302%
48	16.168	2220	2224	2232	rVB6	69959	136223	1.60%	0.303%
49	16.462	2266	2274	2275	rBV7	41734	99437	1.17%	0.221%
50	16.533	2282	2286	2290	rBV4	98529	137321	1.61%	0.305%
51	17.180	2387	2396	2402	rBV2	1159730	1639090	19.27%	3.643%
52	17.392	2426	2432	2442	rVB8	54387	119986	1.41%	0.267%
53	18.056	2541	2545	2556	rVB4	131797	235460	2.77%	0.523%
54	18.503	2617	2621	2627	rVB3	139609	208054	2.45%	0.462%
55	18.968	2694	2700	2706	rVB3	76186	171485	2.02%	0.381%
56	19.339	2759	2763	2769	rBV4	104305	126309	1.49%	0.281%
57	19.480	2783	2787	2790	rBV	155072	170835	2.01%	0.380%
58	19.803	2836	2842	2847	rBV	7175272	8504597	100.00%	18.904%
59	20.527	2962	2965	2968	rVB2	101142	110845	1.30%	0.246%
60	21.050	3051	3054	3059	rVB2	210414	241794	2.84%	0.537%
61	21.368	3103	3108	3114	rBV	1678982	2071102	24.35%	4.604%
62	23.668	3493	3499	3507	rVB	909005	1698721	19.97%	3.776%

Sum of corrected areas: 44988013

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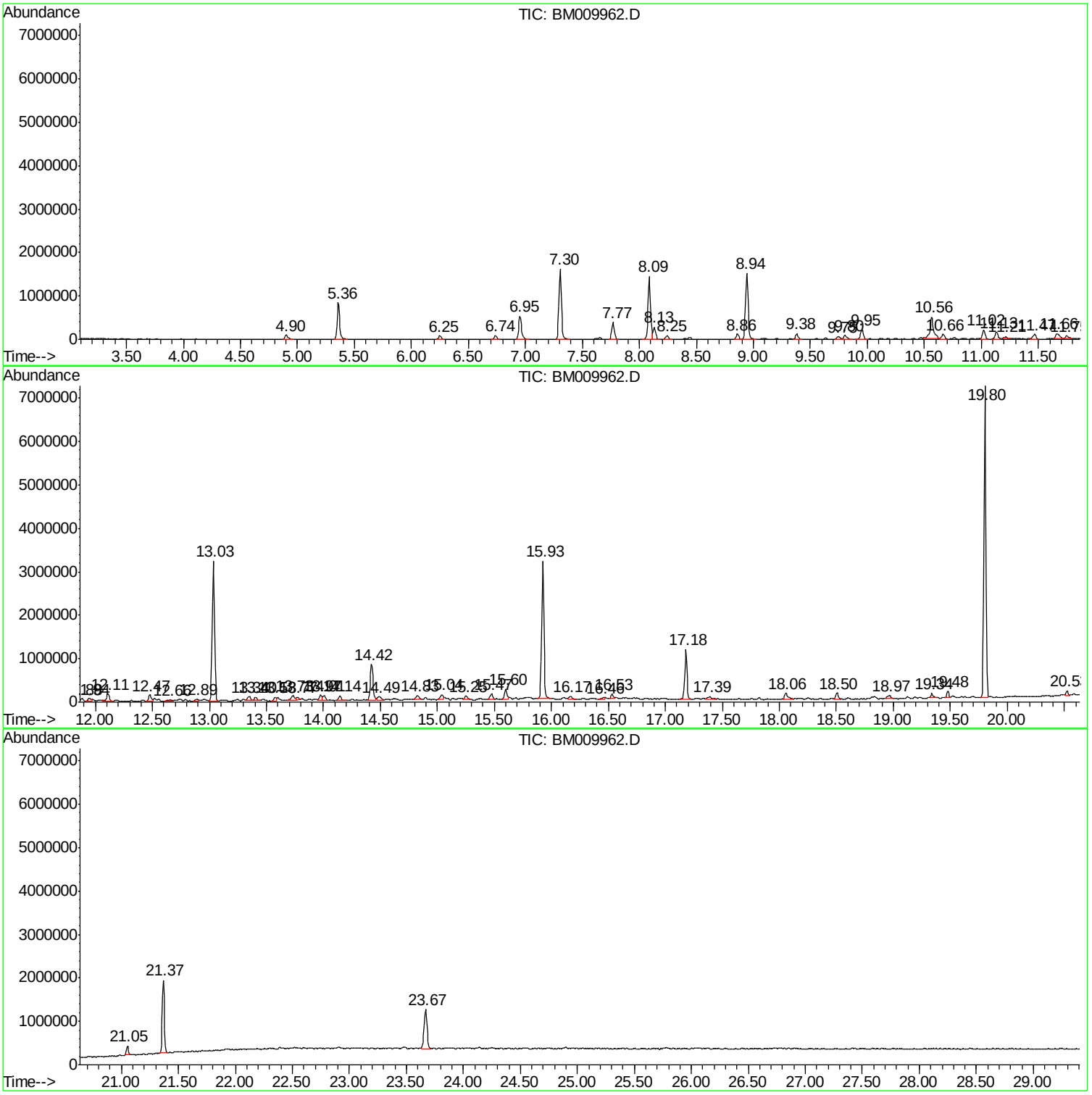
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

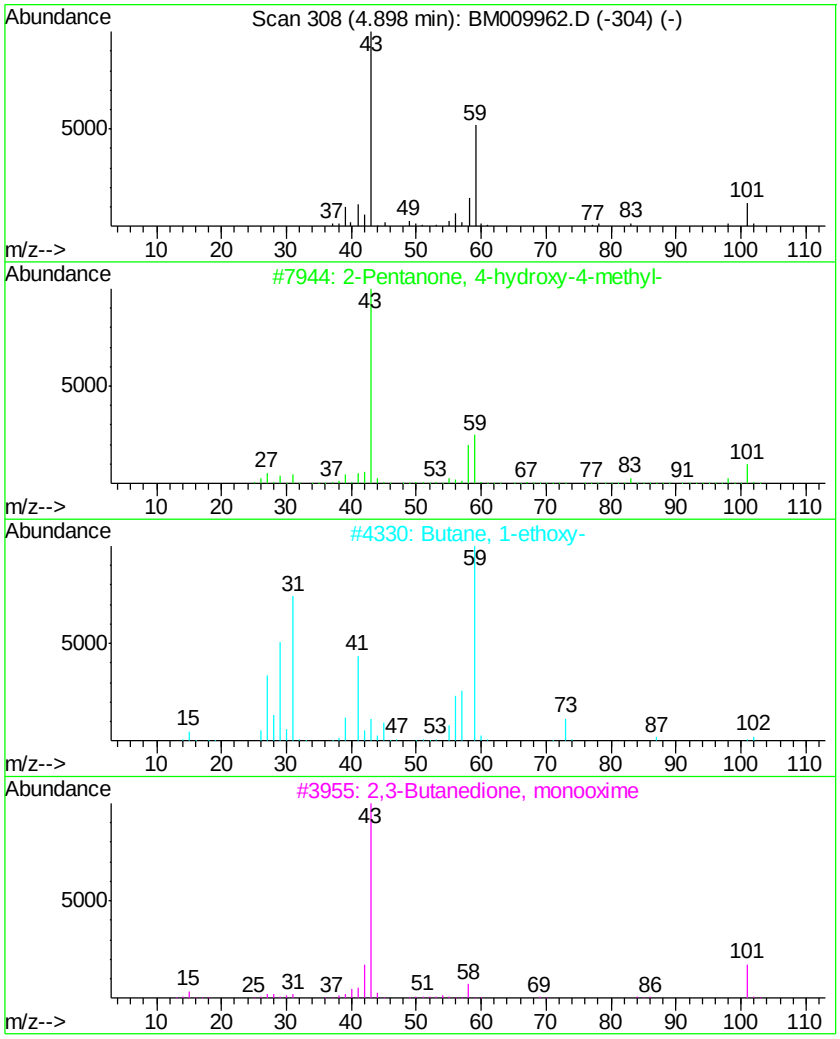
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

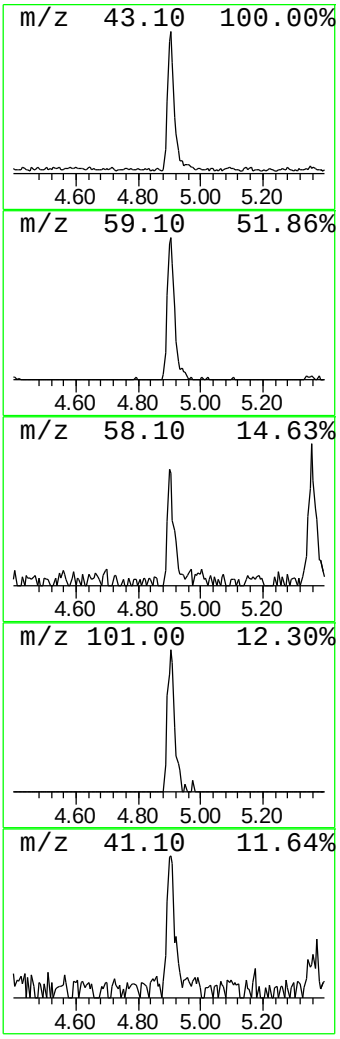
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	5.20 ng	162567	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	1,1-Dimethyl-2-[2-methyl-1-(meth...	174	C8H18N2O2	097812-29-8	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
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Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

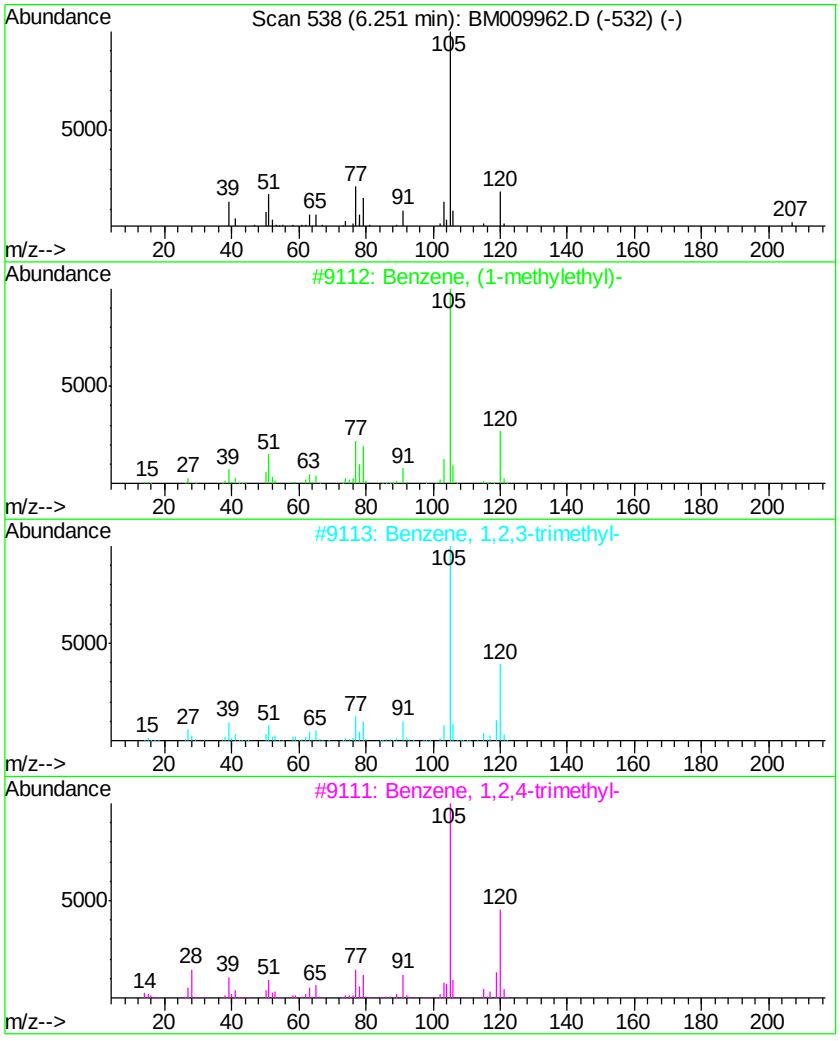
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

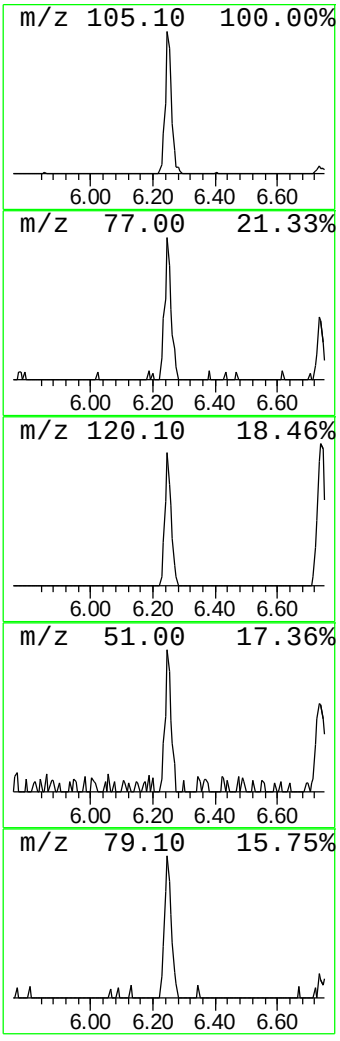
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	3.90 ng	121992	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	80
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64





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Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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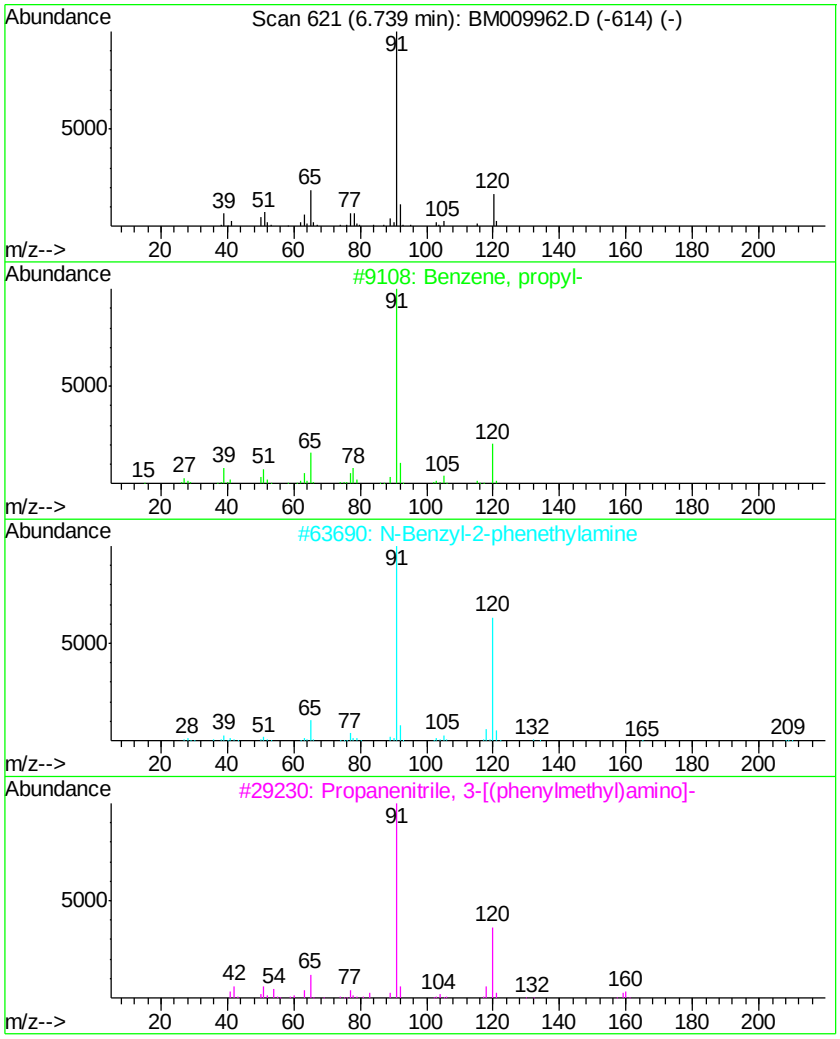
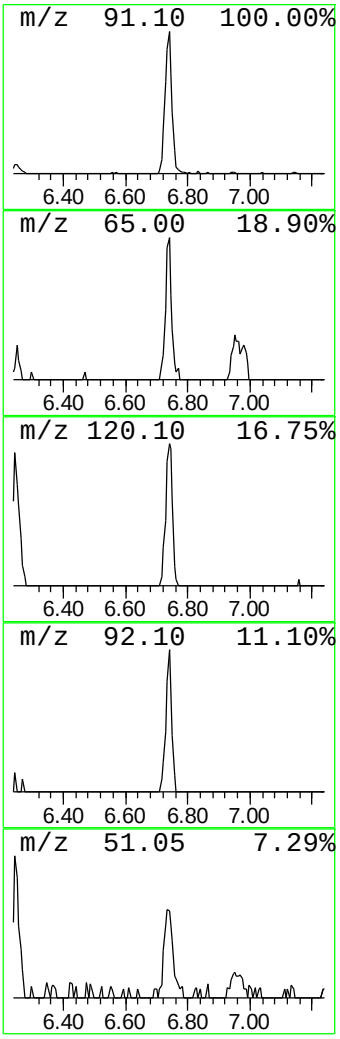
Peak Number 3 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	4.28 ng	133856	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	62
5	Hydrazinecarboxylic acid, phenyl...	166	C8H10N2O2	005331-43-1	53





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Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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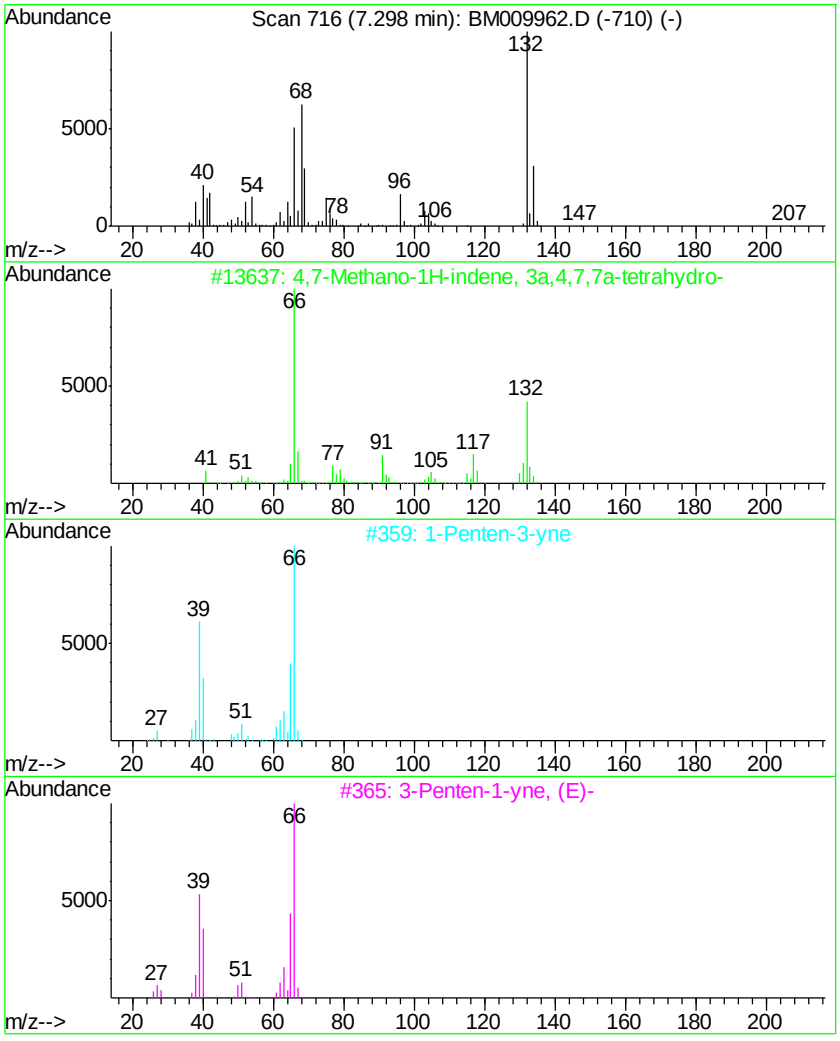
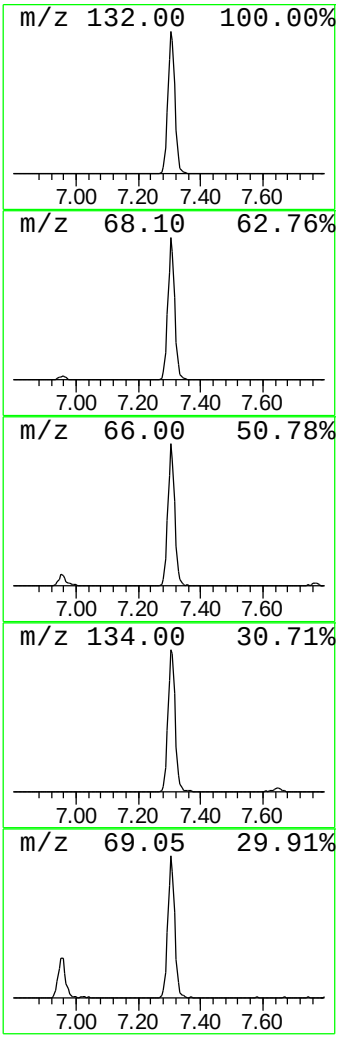
Peak Number 4 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	83.52 ng	2609540	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	42
2	1-Penten-3-yne	66	C5H6	000646-05-9	38
3	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	25
4	1,3-Cyclopentadiene	66	C5H6	000542-92-7	25
5	1,4,4a,8a-Tetrahydro-1,4-methano...	174	C11H10O2	001200-89-1	25





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Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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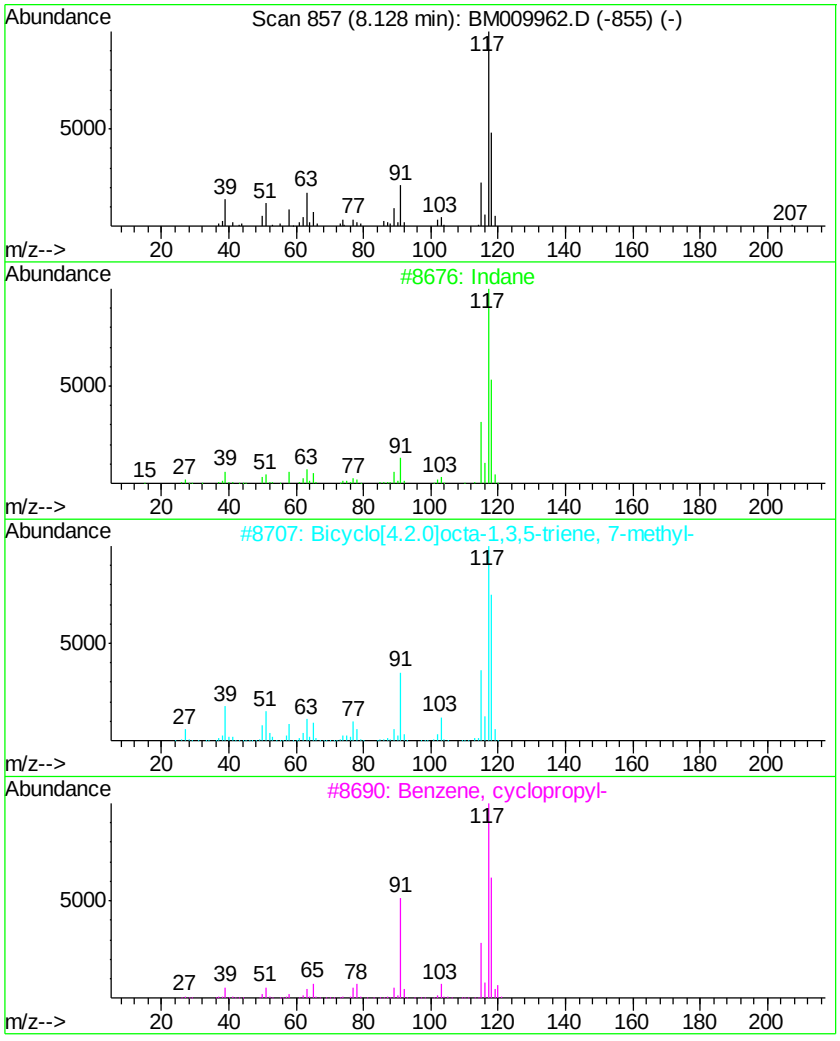
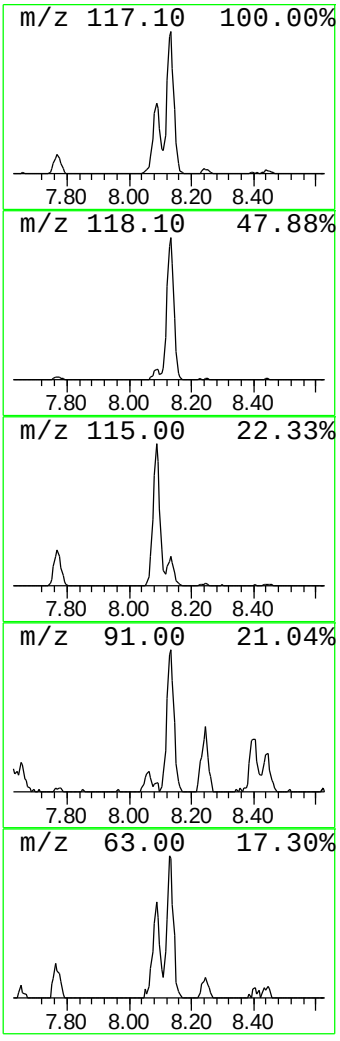
Peak Number 6 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	13.36 ng	417351	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	60
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	59





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Misc :
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Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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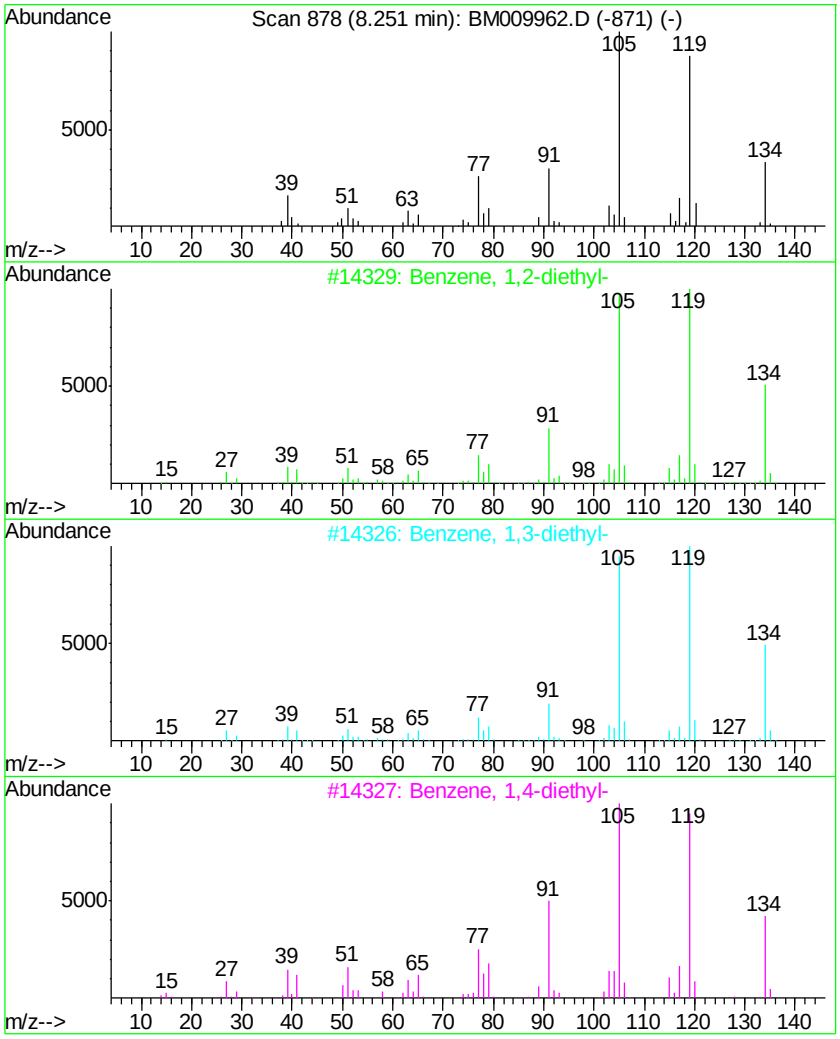
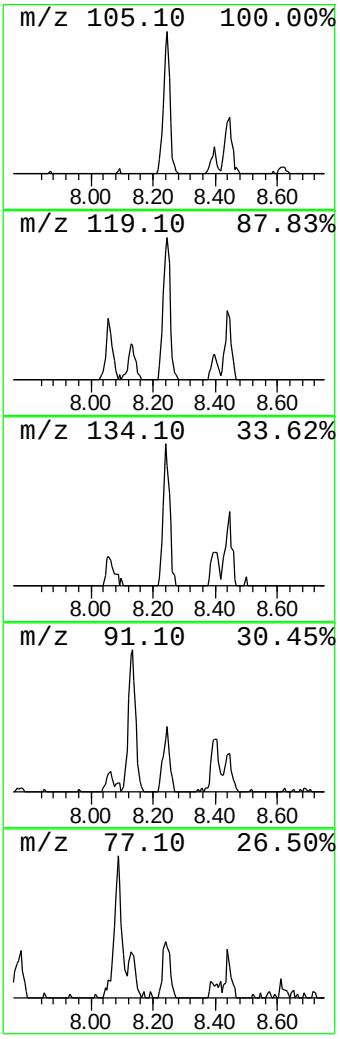
Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	4.38 ng	136836	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	83
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
5	Benzene, tert-butyl-	134	C10H14	000098-06-6	58





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Acq On : 07 May 2017 04:03
Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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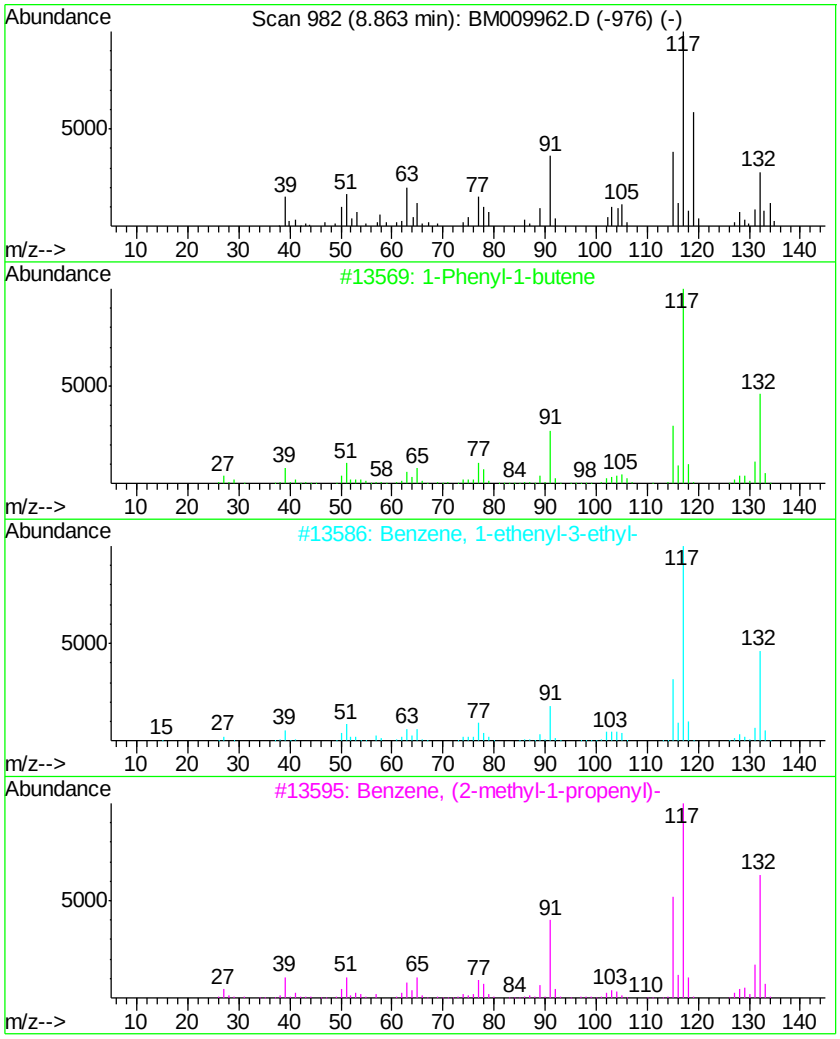
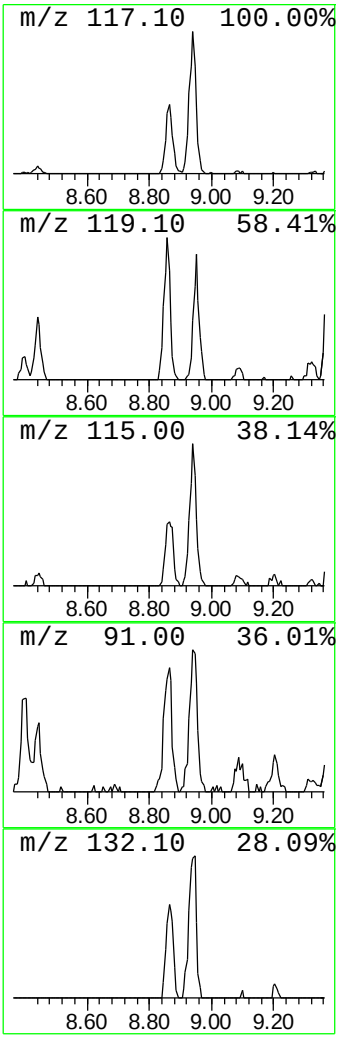
Peak Number 8 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	6.25 ng	195421	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	60
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009962.D
Acq On : 07 May 2017 04:03
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Sample : I2997-03
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Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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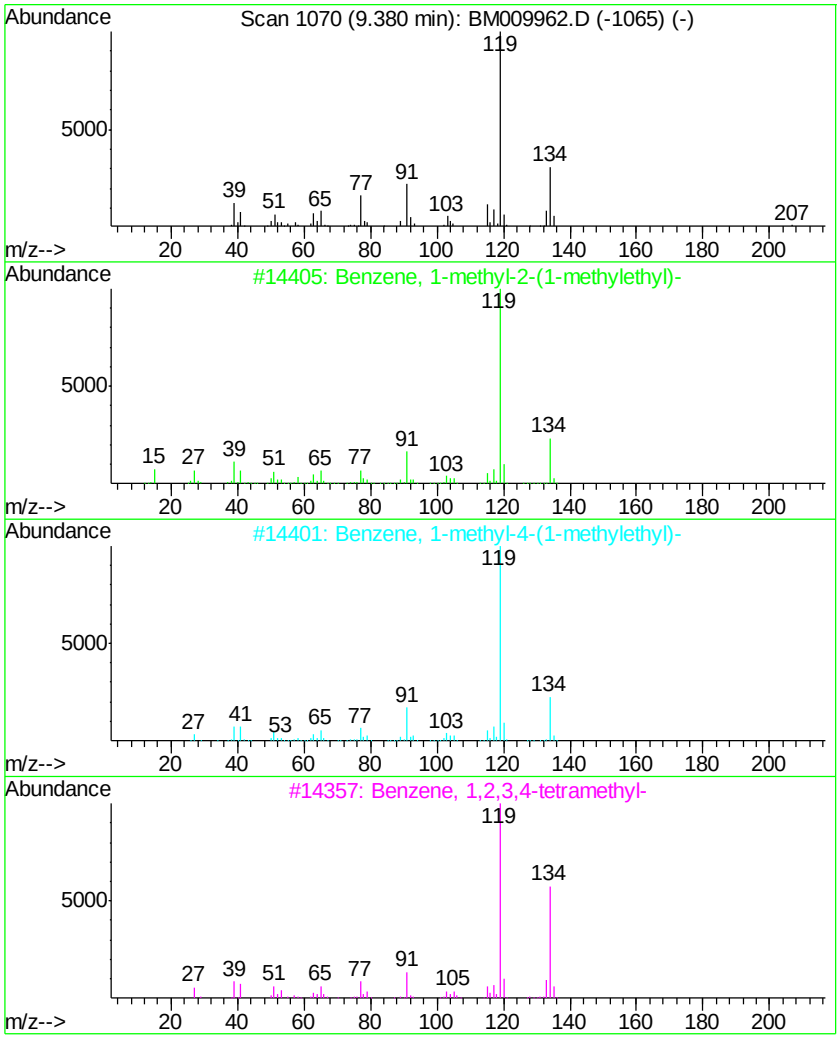
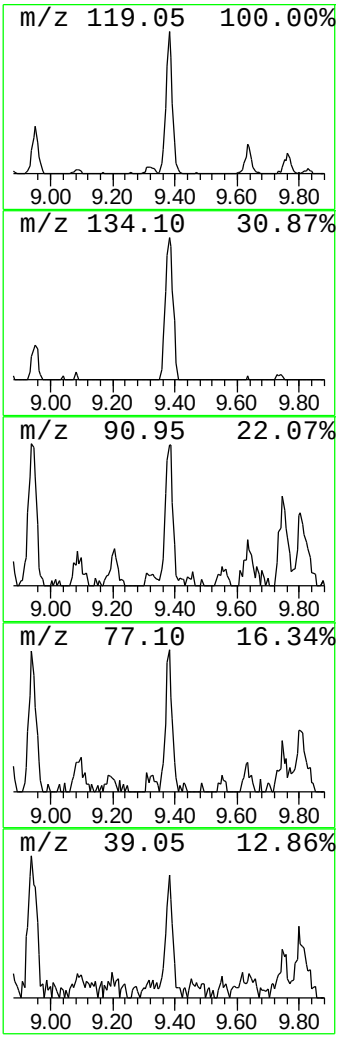
Peak Number 9 Benzene, 1-methyl-2-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	3.47 ng	209936	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Acq On : 07 May 2017 04:03
Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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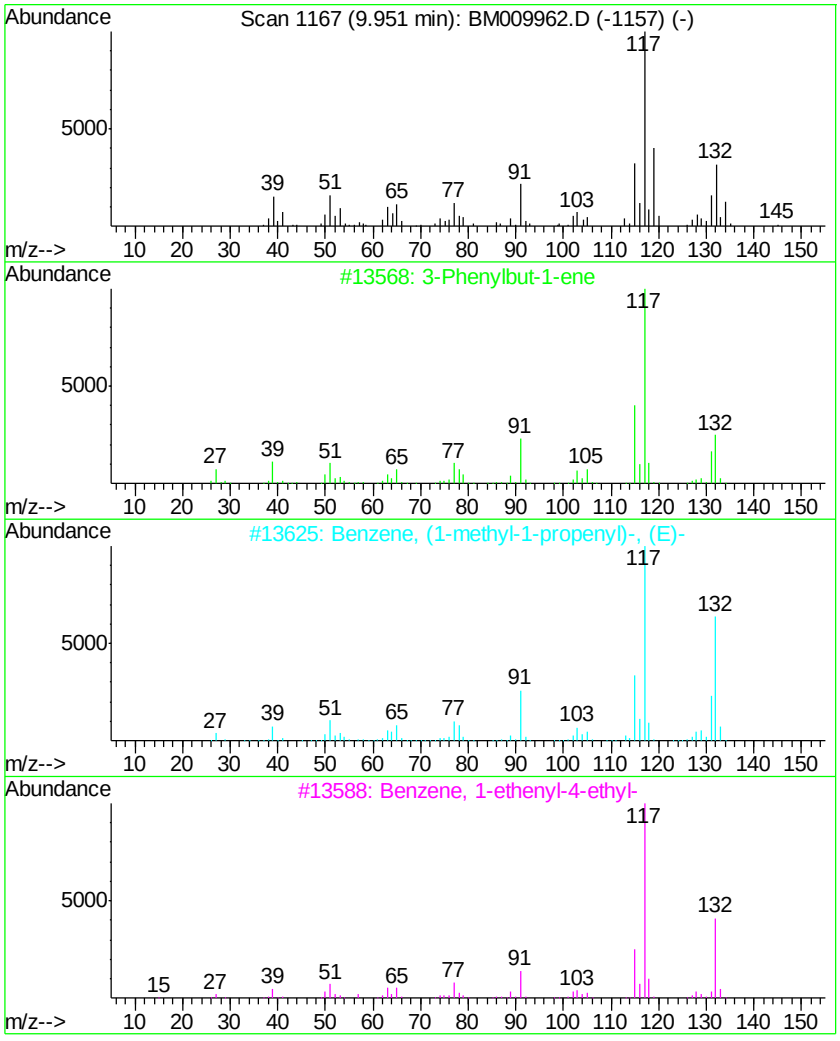
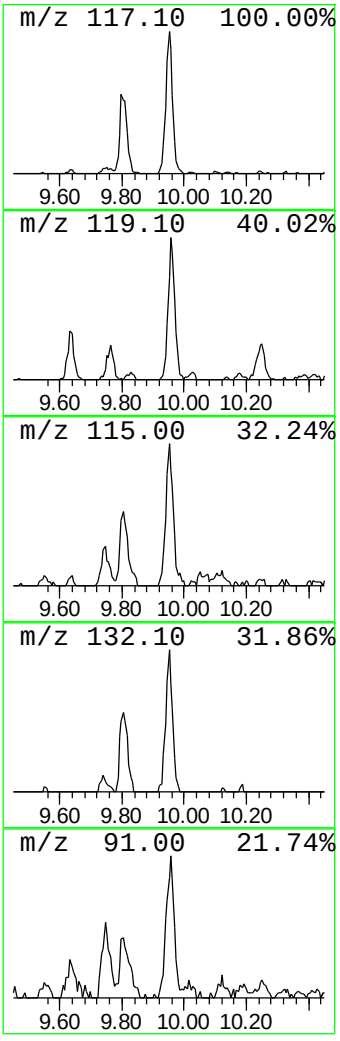
Peak Number 10 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	6.60 ng	398916	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	94
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	93
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	92
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	89





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Acq On : 07 May 2017 04:03
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Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

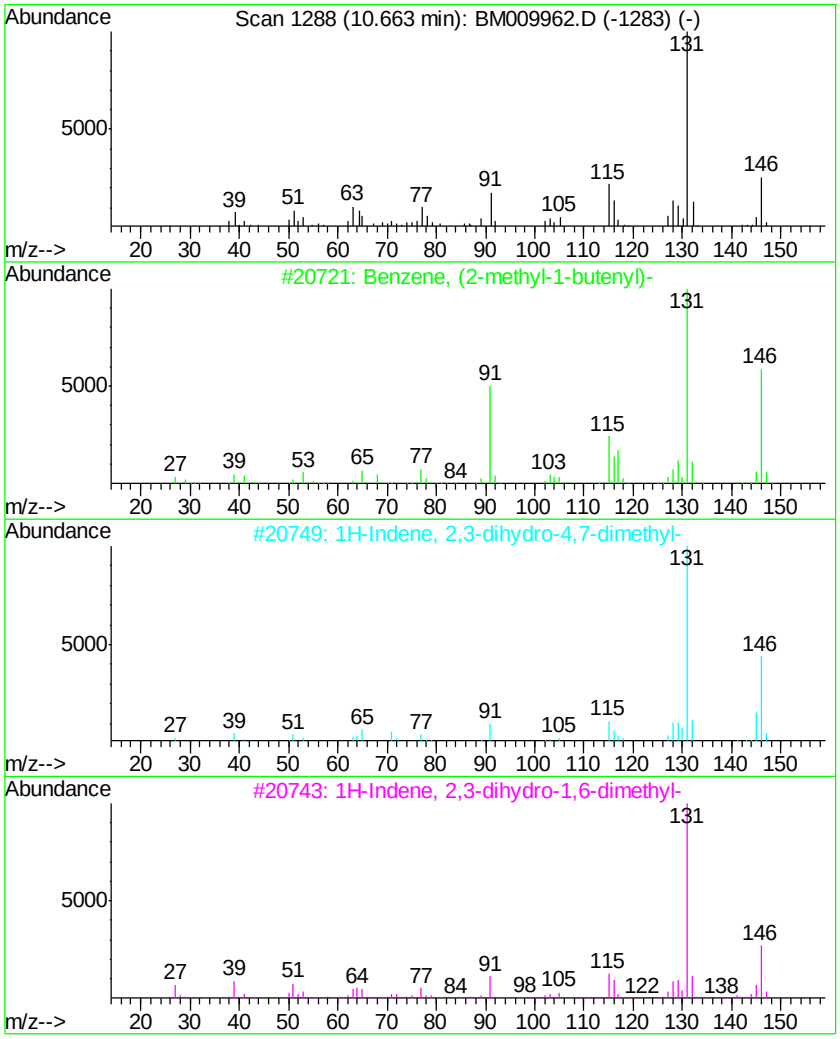
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

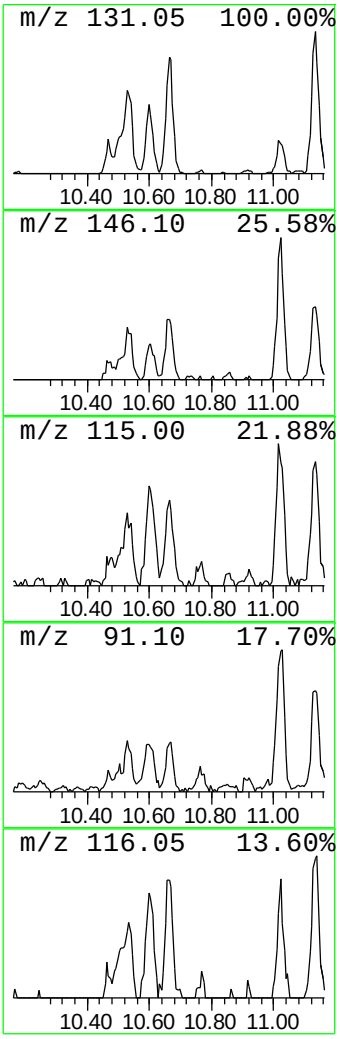
****

Peak Number 11 Benzene, (2-methyl-1-butenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	3.06 ng	184698	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	91





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Acq On : 07 May 2017 04:03
Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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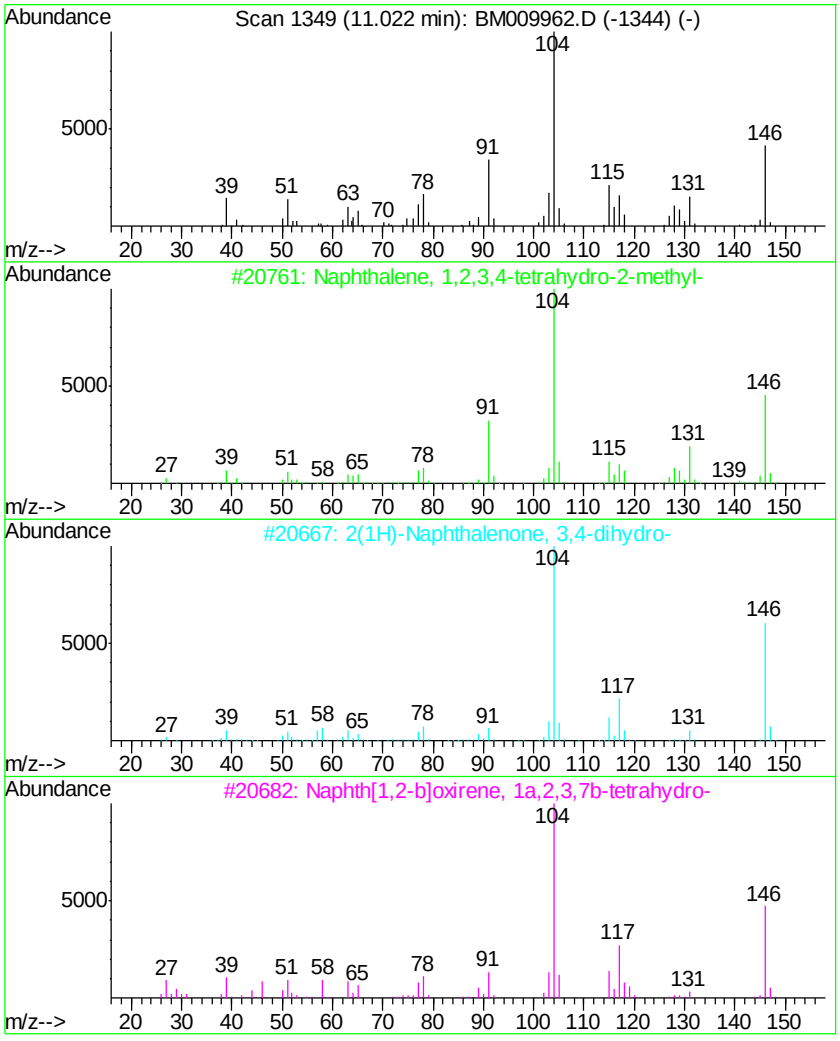
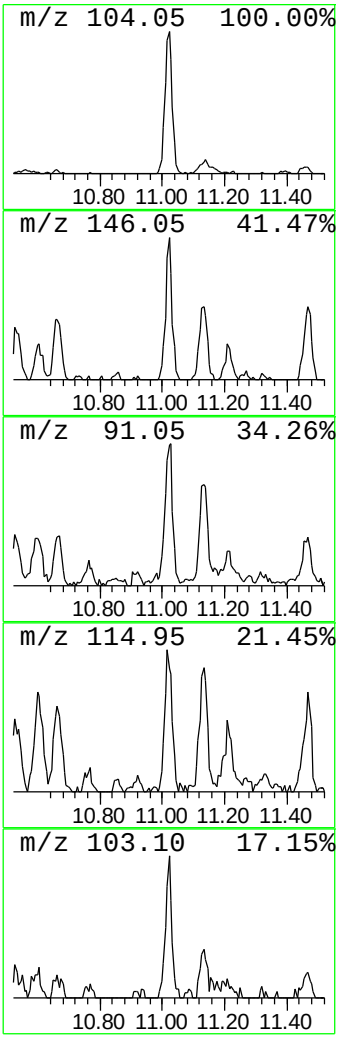
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	5.72 ng	345996	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	59
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	53
4	Styrene	104	C8H8	000100-42-5	27
5	Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	27





Library Search Compound Report

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Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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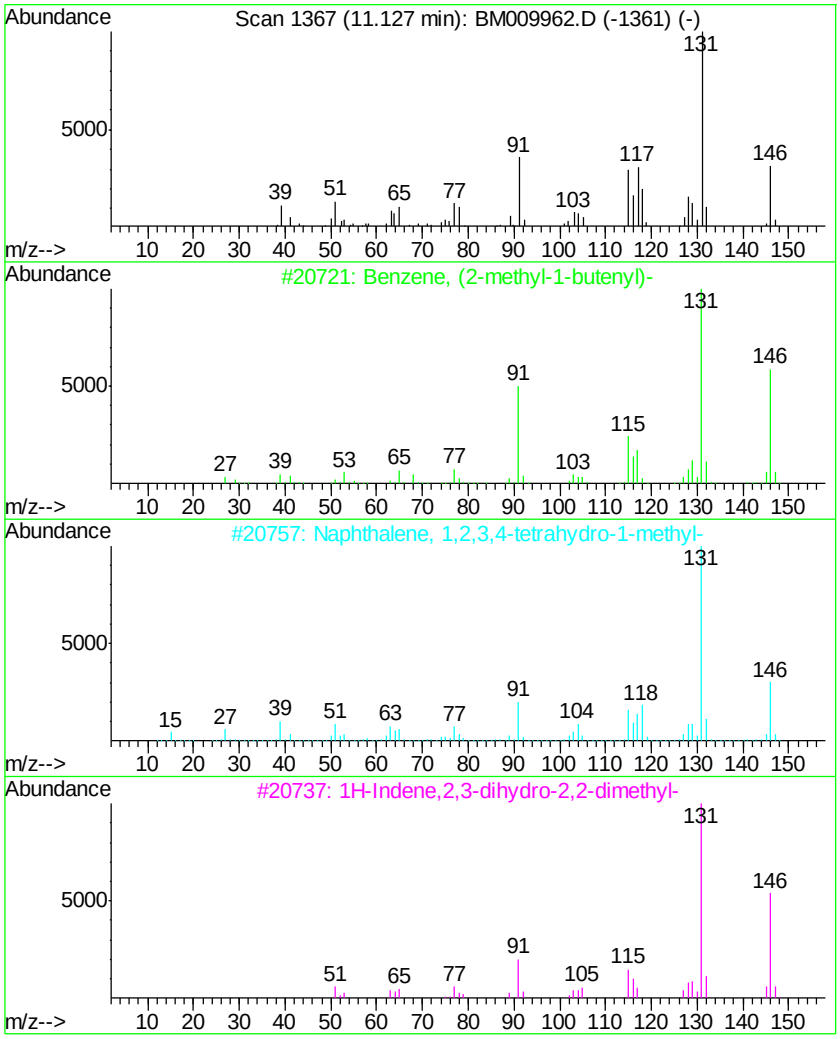
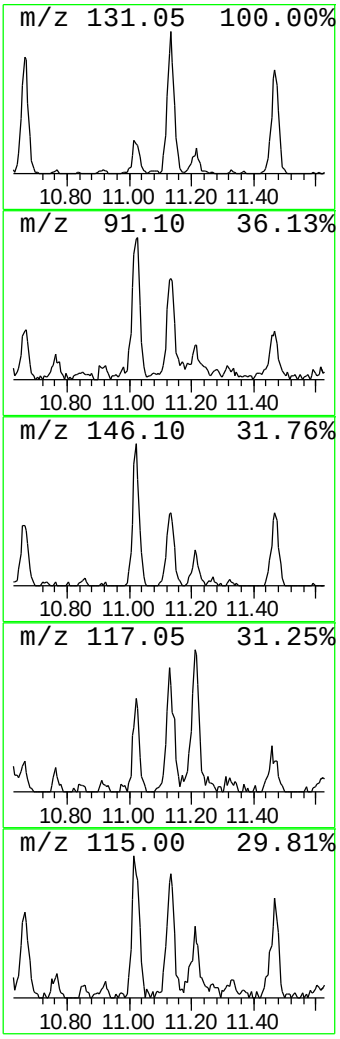
Peak Number 13 1H-Indene,2,3-dihydro-2,2-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	4.71 ng	284693	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
3	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	90
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	70





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Acq On : 07 May 2017 04:03
Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

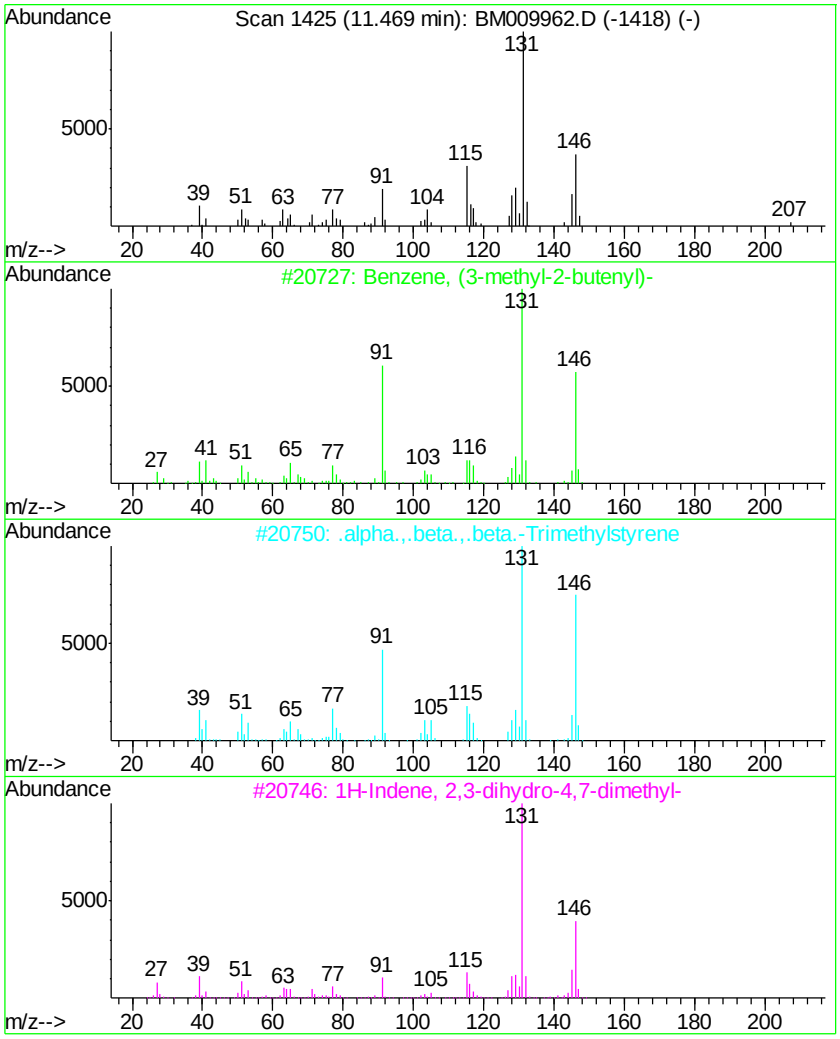
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

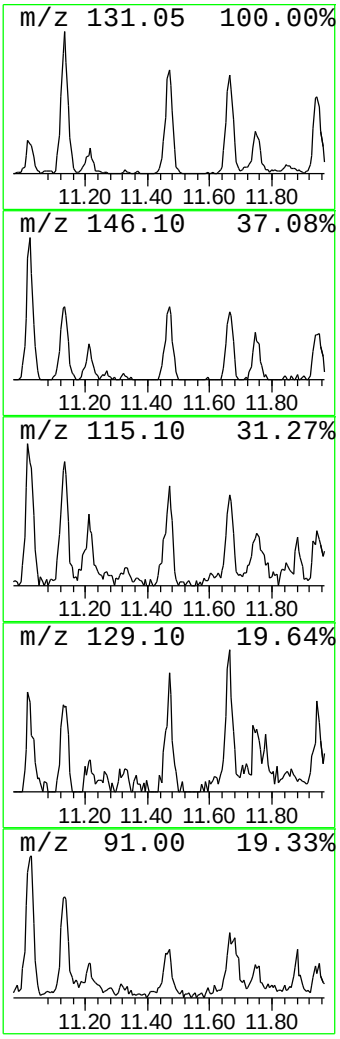
****

Peak Number 14 Benzene, (3-methyl-2-butenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	3.44 ng	207713	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
2	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87





Library Search Compound Report

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Acq On : 07 May 2017 04:03
Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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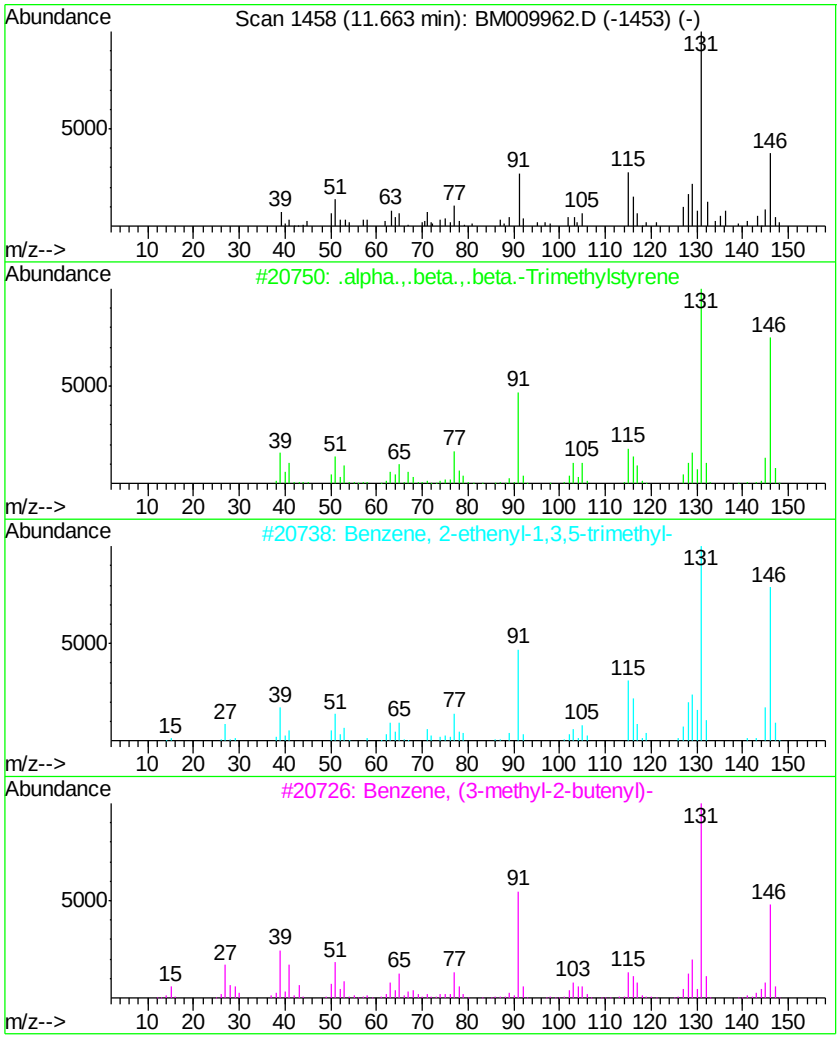
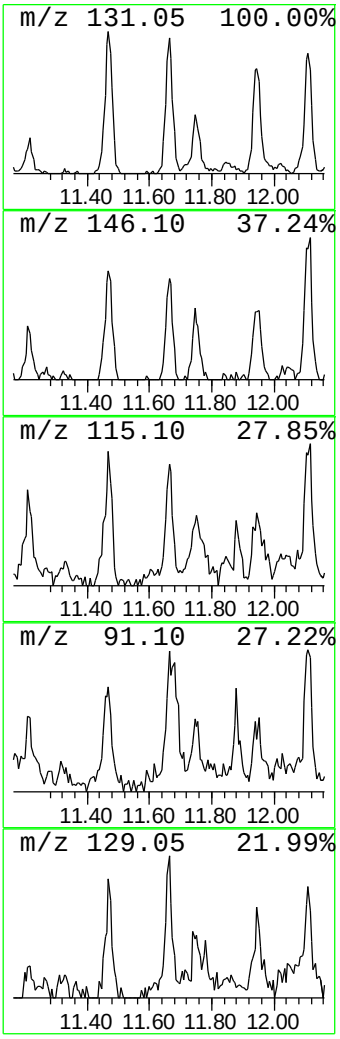
Peak Number 15 .alpha.,.beta.,.beta.-Trime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	4.13 ng	249623	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	94
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	91
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83





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Acq On : 07 May 2017 04:03
Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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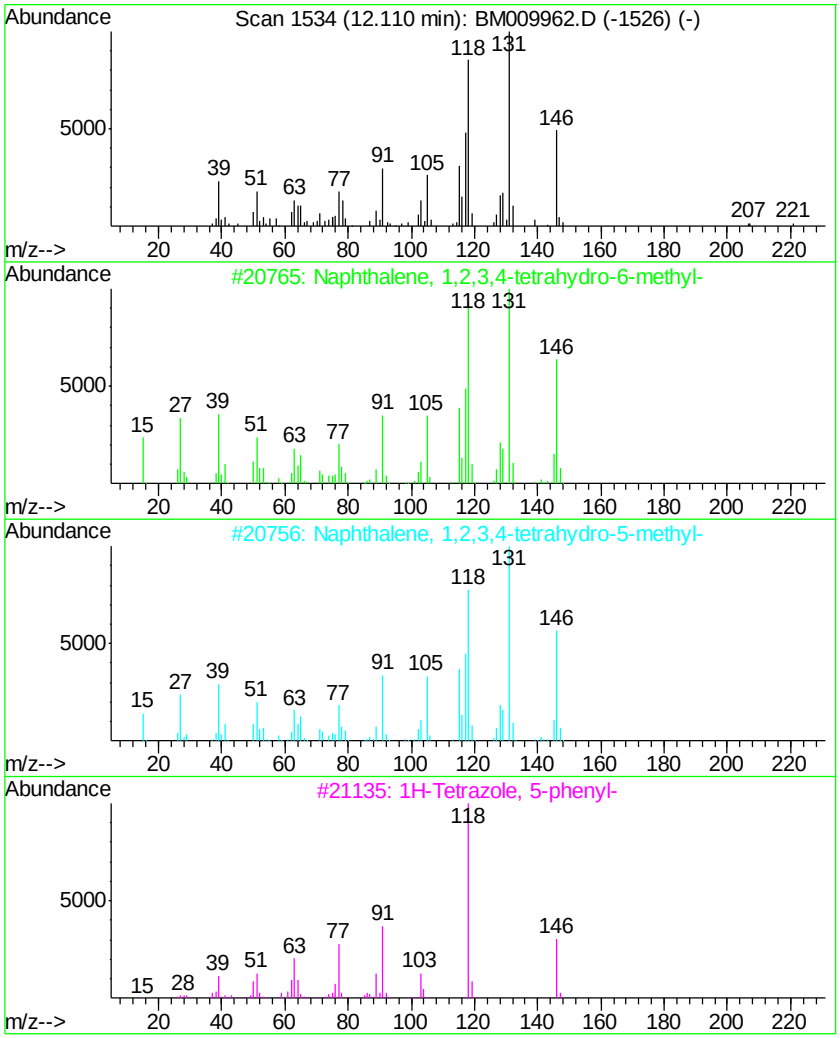
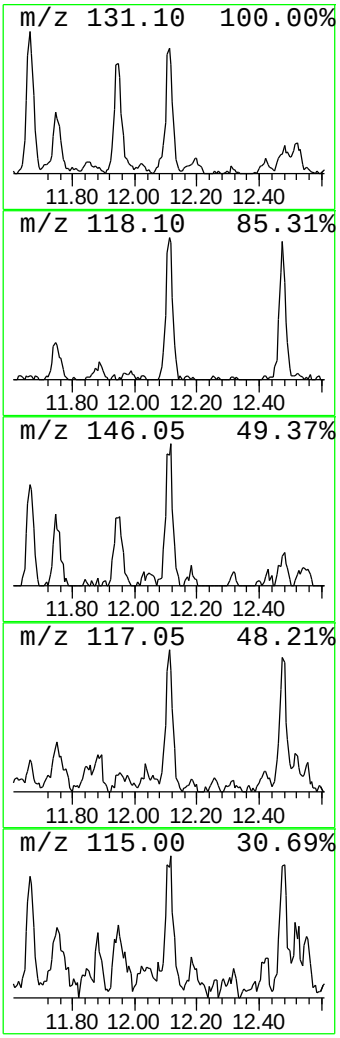
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	5.37 ng	324723	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	98
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	1H-Tetrazole, 5-phenyl-	146	C7H6N4	018039-42-4	70
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	55





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Acq On : 07 May 2017 04:03
Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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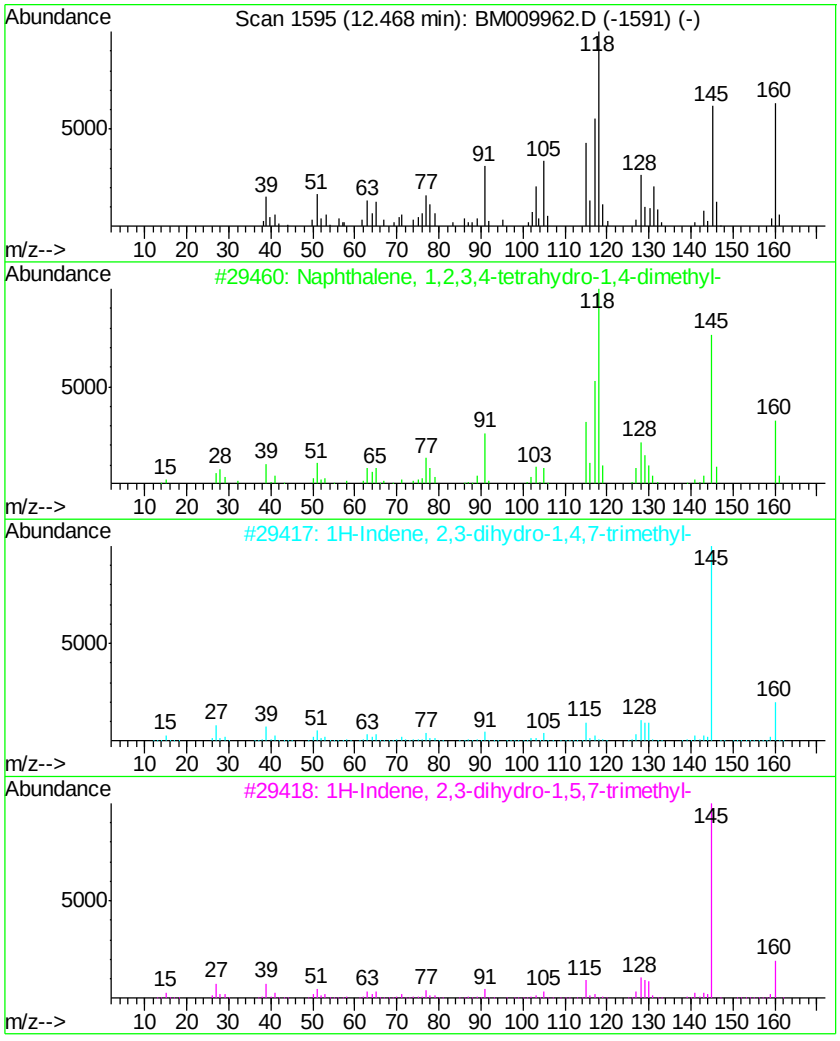
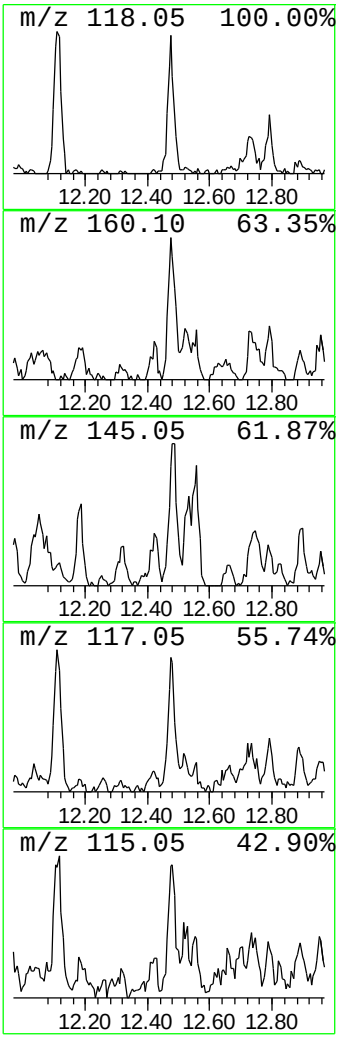
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.26 ng	257545	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	50
3	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	50
4	Hex-3-ene-1,5-diyne, 3,4-diisopr...	160	C12H16	1000211-22-8	49
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49





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Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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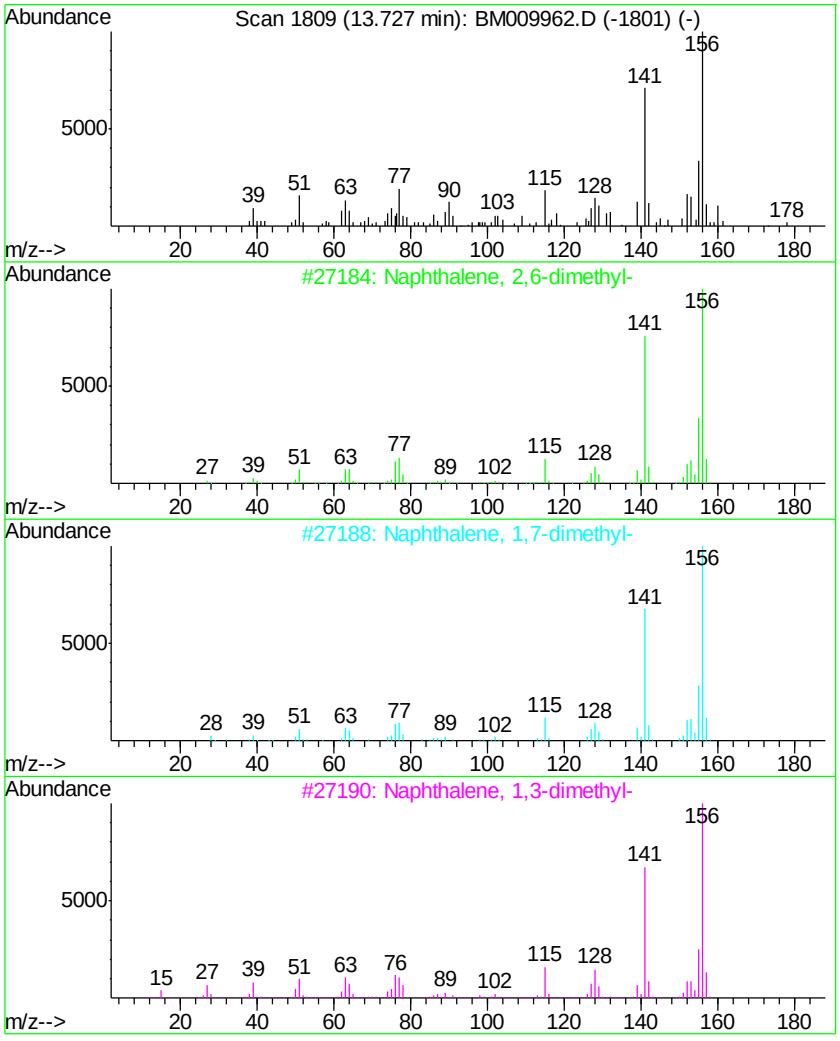
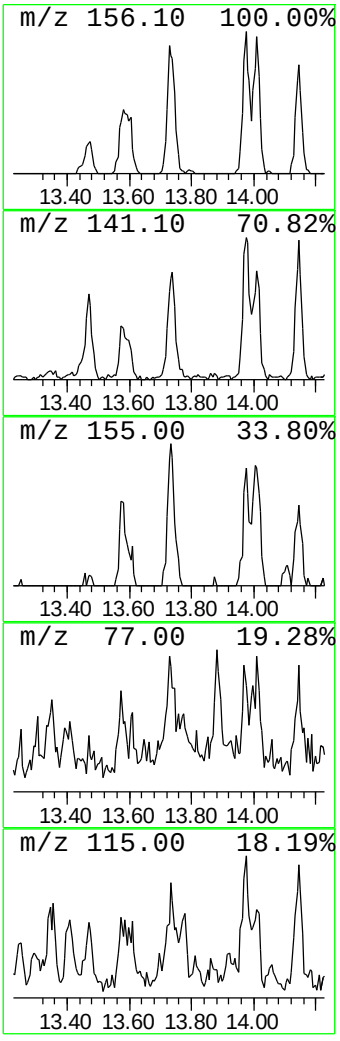
Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.95 ng	259956	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90





Library Search Compound Report

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Sample : I2997-03
Misc :
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Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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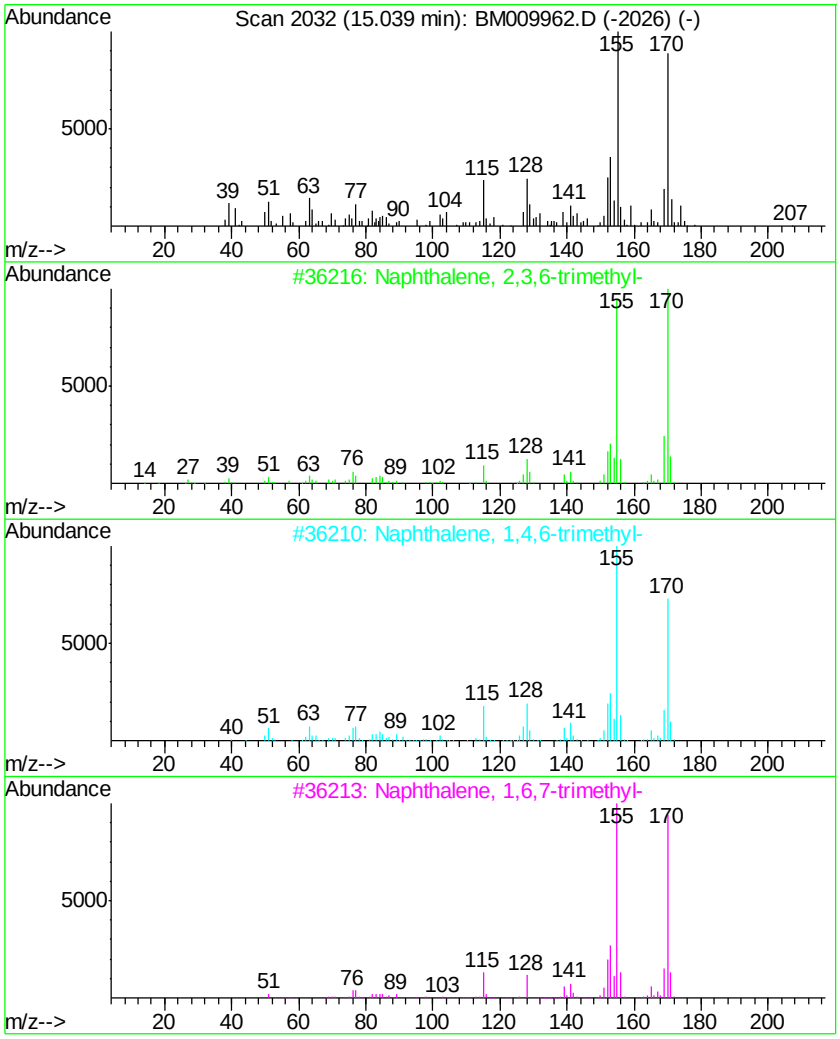
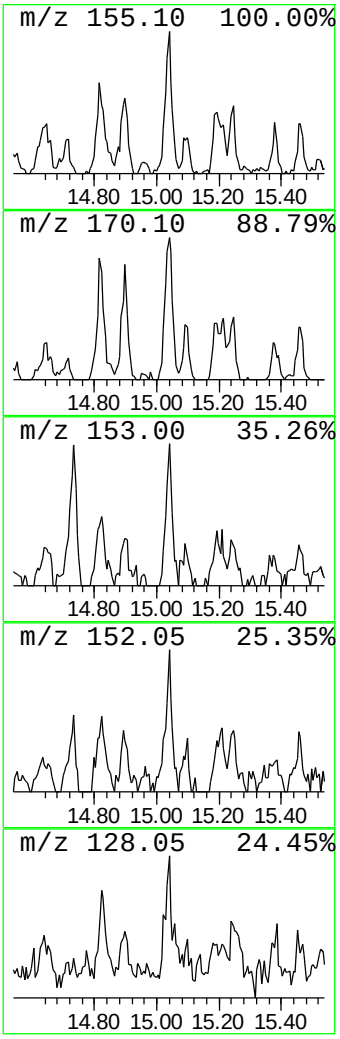
Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	3.16 ng	208132	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





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Misc :
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ClientSampleId : OWL-C5-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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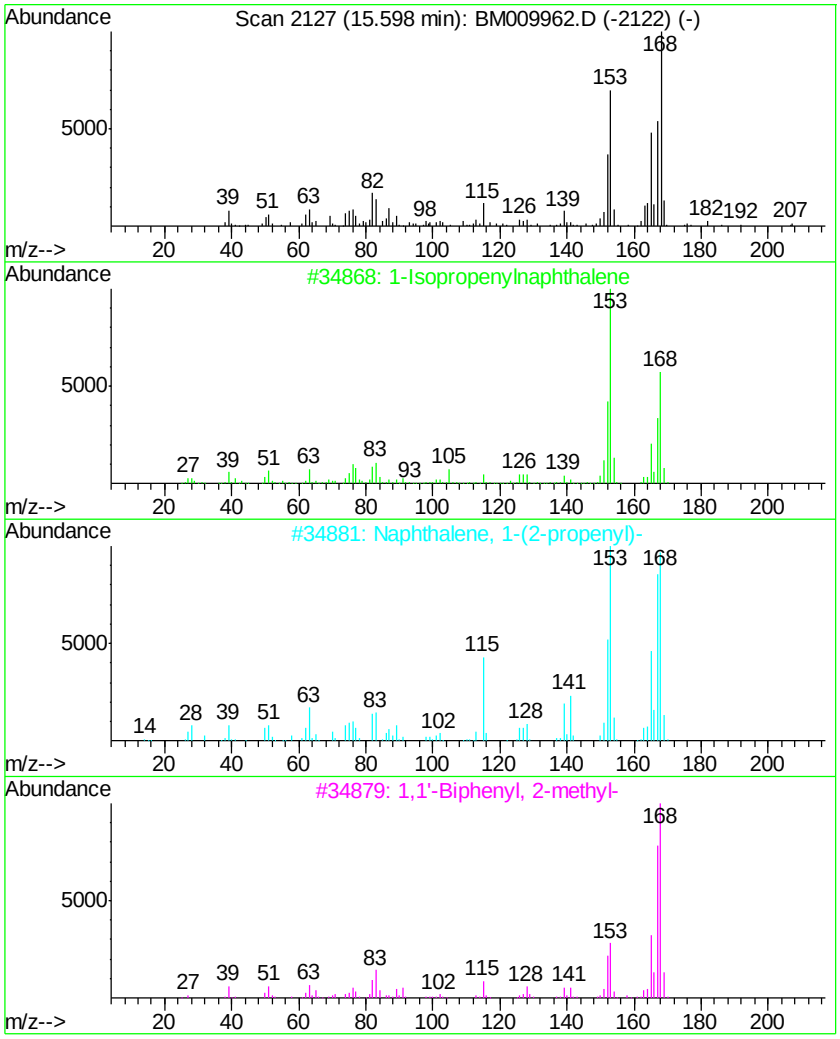
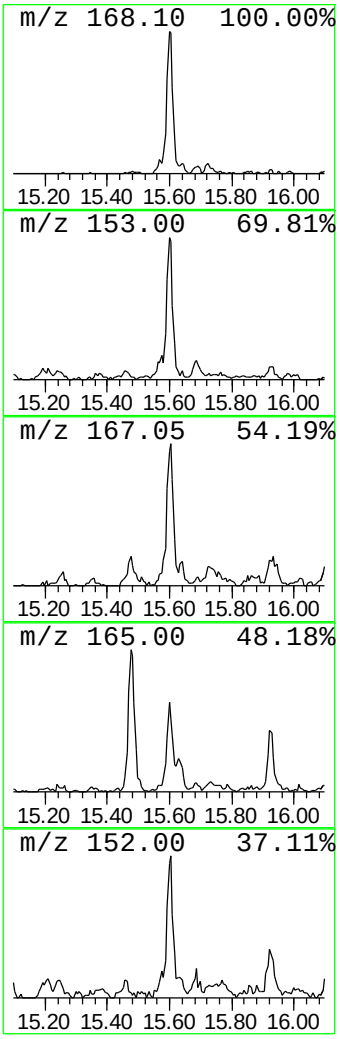
Peak Number 20 1-Isopropenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	5.51 ng	362670	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	68
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	53
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	43
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009962.D
Acq On : 07 May 2017 04:03
Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	5.2	ng	162567	1	7.77	624863	20.0
Benzene, (1-methy...	6.25	3.9	ng	121992	1	7.77	624863	20.0
Benzene, propyl-	6.74	4.3	ng	133856	1	7.77	624863	20.0
unknown7.30	7.30	83.5	ng	2609540	1	7.77	624863	20.0
Indane	8.13	13.4	ng	417351	1	7.77	624863	20.0
Benzene, 1,2-diet...	8.25	4.4	ng	136836	1	7.77	624863	20.0
1-Phenyl-1-butene	8.86	6.3	ng	195421	1	7.77	624863	20.0
Benzene, 1-methyl...	9.38	3.5	ng	209936	2	10.56	1208740	20.0
3-Phenylbut-1-ene	9.95	6.6	ng	398916	2	10.56	1208740	20.0
Benzene, (2-methy...	10.66	3.1	ng	184698	2	10.56	1208740	20.0
Naphthalene, 1,2,...	11.02	5.7	ng	345996	2	10.56	1208740	20.0
1H-Indene,2,3-dih...	11.13	4.7	ng	284693	2	10.56	1208740	20.0
Benzene, (3-methy...	11.47	3.4	ng	207713	2	10.56	1208740	20.0
.alpha.,.beta.,.b...	11.66	4.1	ng	249623	2	10.56	1208740	20.0
Naphthalene, 1,2,...	12.11	5.4	ng	324723	2	10.56	1208740	20.0
Naphthalene, 1,2,...	12.47	4.3	ng	257545	2	10.56	1208740	20.0
Naphthalene, 2,6-...	13.73	4.0	ng	259956	3	14.42	1316900	20.0
Naphthalene, 2,3,...	15.04	3.2	ng	208132	3	14.42	1316900	20.0
1-Isopropenylnaph...	15.60	5.5	ng	362670	3	14.42	1316900	20.0