

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087056.D
 Acq On : 15 May 2016 8:43
 Operator : UM/SJ
 Sample : H3053-05
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-18

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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	1.735	11	13	24	rVB	2784115	4724359	58.89%	5.301%
2	1.987	29	35	39	rVB	250161	644828	8.04%	0.724%
3	2.113	43	46	47	rBV	82827	136564	1.70%	0.153%
4	2.147	47	49	55	rVB2	262906	532171	6.63%	0.597%
5	2.375	58	69	73	rVB	316541	870603	10.85%	0.977%
6	2.558	81	85	89	rVB2	43681	101105	1.26%	0.113%
7	2.695	91	97	105	rVB4	79419	298366	3.72%	0.335%
8	2.844	105	110	112	rBV2	35046	88952	1.11%	0.100%
9	2.913	112	116	120	rVB	195106	366239	4.57%	0.411%
10	2.993	120	123	126	rBV	60571	110202	1.37%	0.124%
11	3.153	133	137	141	rVB	51028	107432	1.34%	0.121%
12	3.358	151	155	158	rVV	110913	226431	2.82%	0.254%
13	3.587	169	175	176	rVV2	36647	101530	1.27%	0.114%
14	3.621	176	178	181	rVV2	98312	186717	2.33%	0.210%
15	3.804	191	194	198	rBV3	66380	171090	2.13%	0.192%
16	4.044	212	215	218	rBV	181602	338341	4.22%	0.380%
17	4.181	222	227	234	rVB3	217516	479806	5.98%	0.538%
18	4.467	249	252	253	rBV2	69815	100706	1.26%	0.113%
19	4.501	253	255	257	rVB	71061	89511	1.12%	0.100%
20	4.547	257	259	261	rBV	76400	107831	1.34%	0.121%
21	4.638	265	267	270	rVB2	184798	260040	3.24%	0.292%
22	4.707	270	273	275	rBV	107812	153664	1.92%	0.172%
23	4.741	275	276	282	rBV	256273	498743	6.22%	0.560%
24	5.016	297	300	302	rVV	793613	1050368	13.09%	1.179%
25	5.153	307	312	315	rBV2	2306772	4802320	59.87%	5.388%
26	5.210	315	317	325	rVB	2124012	2558020	31.89%	2.870%
27	5.416	333	335	337	rBV3	75225	139953	1.74%	0.157%
28	5.610	347	352	353	rBV3	63080	152815	1.90%	0.171%
29	5.747	362	364	367	rVB	829172	850475	10.60%	0.954%
30	5.839	370	372	375	rVB	56040	81999	1.02%	0.092%
31	6.056	389	391	393	rBV	1201534	1090421	13.59%	1.224%
32	6.124	395	397	398	rVV	591148	512641	6.39%	0.575%
33	6.159	398	400	402	rVV	1996813	1835135	22.88%	2.059%
34	6.204	402	404	406	rVV	2766838	2346506	29.25%	2.633%

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35	6.284	409	411	414	rBV	3001855	3331522	41.53%	3.738%
36	6.387	418	420	422	rBV	4081303	4193315	52.27%	4.705%
37	6.444	422	425	427	rVB	6038951	8021904	100.00%	9.001%
38	6.547	432	434	438	rBV3	70458	150031	1.87%	0.168%
39	6.616	438	440	443	rBV	729801	1184709	14.77%	1.329%
40	6.673	443	445	447	rVV	1885855	2285963	28.50%	2.565%
41	6.764	451	453	458	rVB2	3382283	4554148	56.77%	5.110%
42	6.867	460	462	463	rBV	389323	341223	4.25%	0.383%
43	6.890	463	464	466	rVB	148795	139900	1.74%	0.157%
44	6.936	466	468	472	rVB	926535	958237	11.95%	1.075%
45	7.016	472	475	477	rBV	147838	213985	2.67%	0.240%
46	7.084	479	481	485	rBV	701550	1167323	14.55%	1.310%
47	7.153	485	487	488	rBV	1103308	1317232	16.42%	1.478%
48	7.187	488	490	493	rVB	3712987	4198709	52.34%	4.711%
49	7.302	498	500	502	rVB	390123	321599	4.01%	0.361%
50	7.393	505	508	509	rBV	662689	797568	9.94%	0.895%
51	7.416	509	510	512	rVB	1149246	880513	10.98%	0.988%
52	7.576	521	524	527	rVB	872339	1159152	14.45%	1.301%
53	7.633	527	529	532	rBV2	1784181	2170130	27.05%	2.435%
54	7.736	535	538	540	rVB3	282959	318573	3.97%	0.357%
55	7.770	540	541	545	rVB	104261	121701	1.52%	0.137%
56	7.896	545	552	556	rBV3	1661565	3617425	45.09%	4.059%
57	8.102	568	570	572	rVB2	51605	84866	1.06%	0.095%
58	8.182	572	577	578	rBV2	132117	201128	2.51%	0.226%
59	8.285	584	586	589	rBV	260794	272334	3.39%	0.306%
60	8.353	589	592	595	rVV2	476894	1148658	14.32%	1.289%
61	8.399	595	596	602	rVV2	135277	202478	2.52%	0.227%
62	8.490	602	604	606	rVB2	91867	110660	1.38%	0.124%
63	8.559	606	610	612	rBV2	103142	181447	2.26%	0.204%
64	8.616	612	615	617	rVB	621180	855277	10.66%	0.960%
65	8.707	620	623	625	rVV	700857	675605	8.42%	0.758%
66	8.982	644	647	649	rBV	5163737	5504127	68.61%	6.176%
67	9.096	653	657	660	rBV3	39762	81218	1.01%	0.091%
68	9.153	660	662	667	rVB2	47891	87479	1.09%	0.098%
69	9.233	667	669	672	rBV	51906	101253	1.26%	0.114%
70	9.645	702	705	708	rBV	1623872	1488230	18.55%	1.670%
71	10.433	772	774	777	rBV2	2686243	3082618	38.43%	3.459%

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72	11.119	832	834	837	rBV	1348503	1335595	16.65%	1.499%
73	11.348	852	854	859	rVB	72893	96245	1.20%	0.108%
74	12.491	952	954	957	rBV	109647	123207	1.54%	0.138%
75	12.708	970	973	976	rBV	3942775	4068758	50.72%	4.565%
76	13.748	1062	1064	1067	rBV	951092	922233	11.50%	1.035%
77	15.108	1180	1183	1192	rBV	772220	938842	11.70%	1.053%

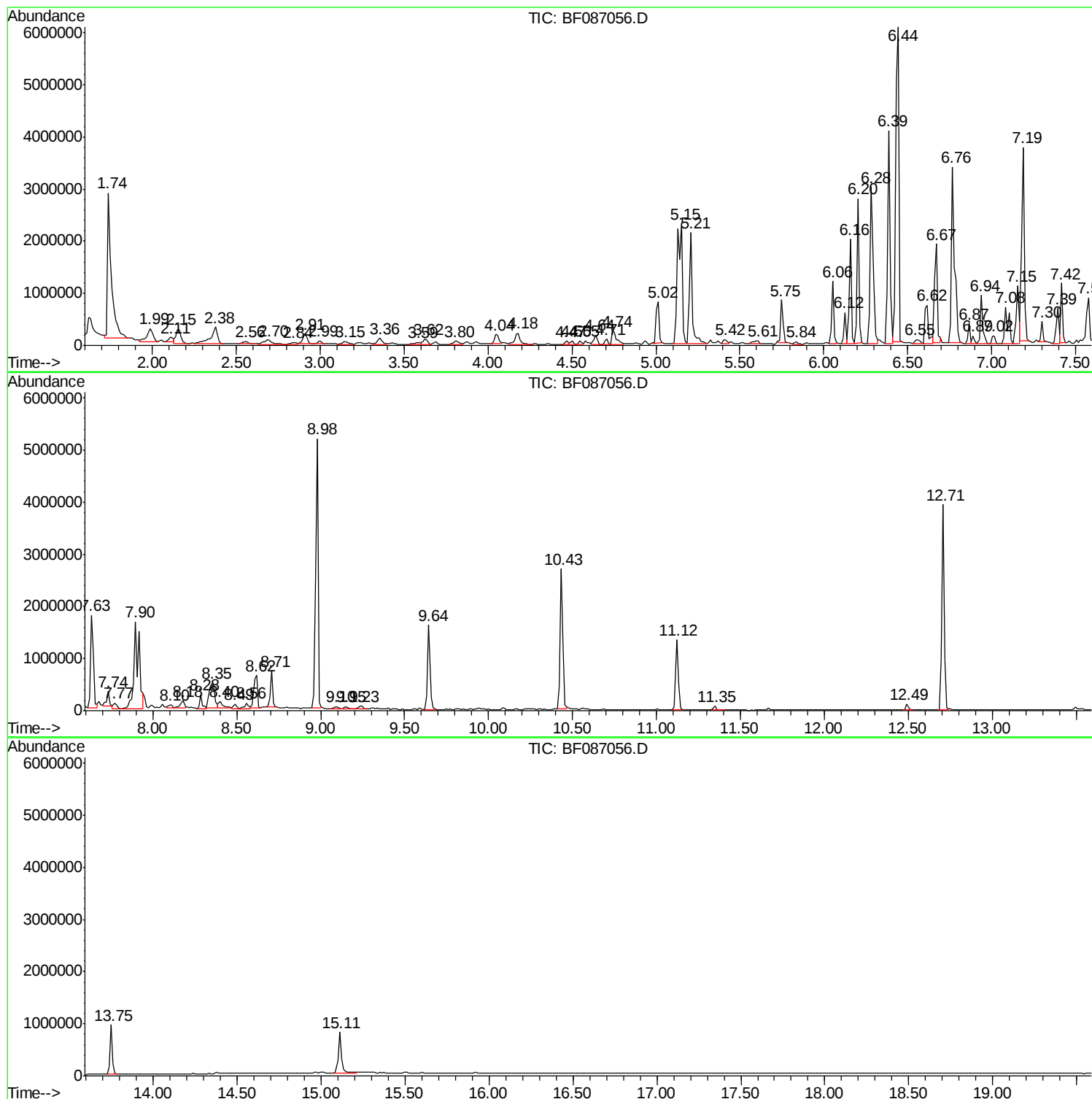
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : H3053-05
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
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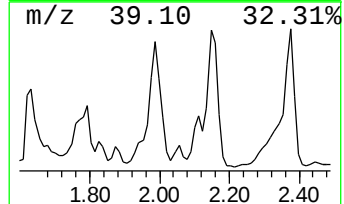
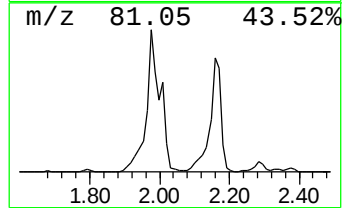
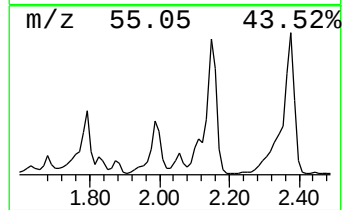
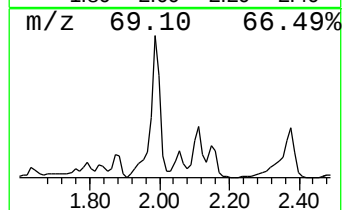
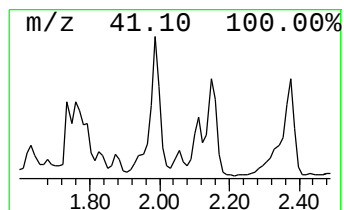
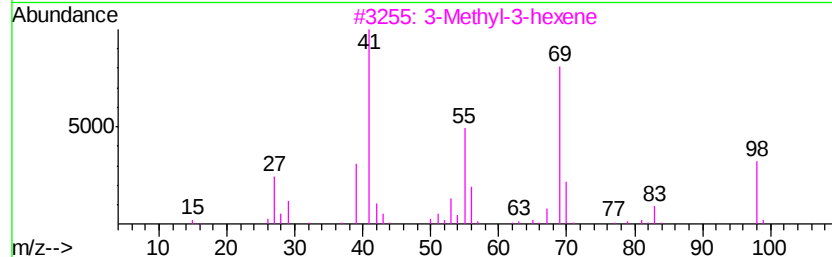
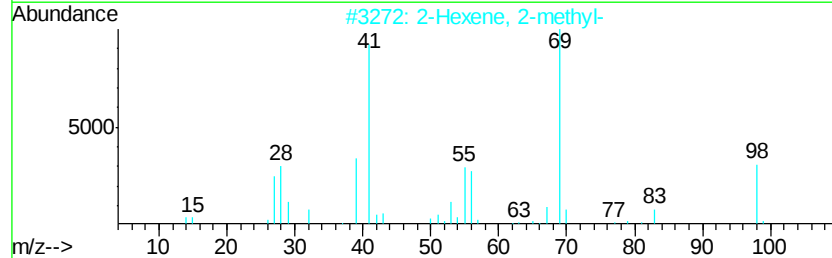
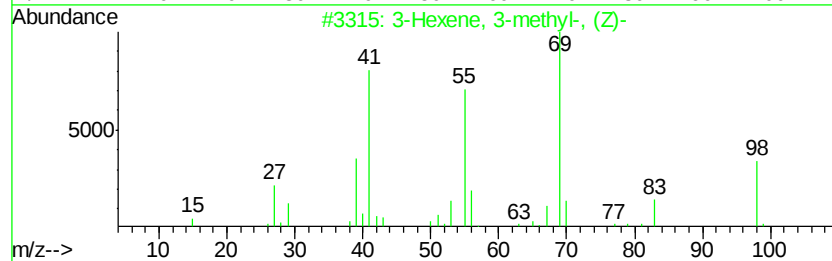
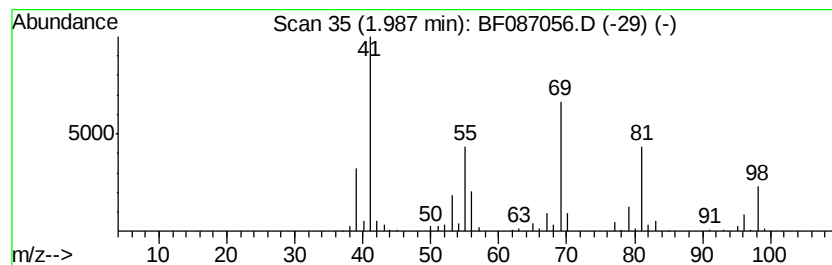
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 3-Hexene, 3-methyl-, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	10.89 ng	644828	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	62
2		2-Hexene, 2-methyl-	98	C7H14	002738-19-4	58
3		3-Methyl-3-hexene	98	C7H14	003404-65-7	58
4		2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	52
5		3-Hexene, 3-methyl-, (E)-	98	C7H14	003899-36-3	50



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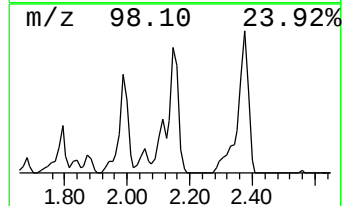
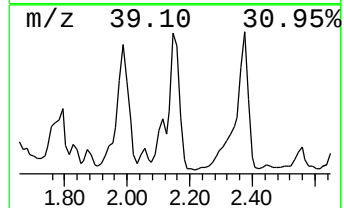
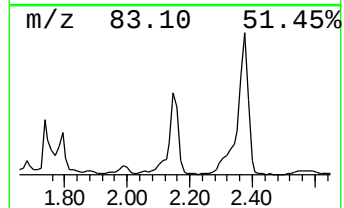
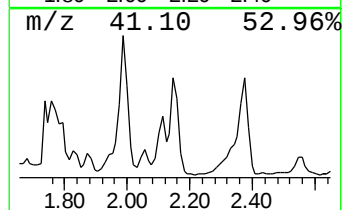
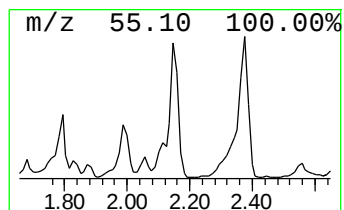
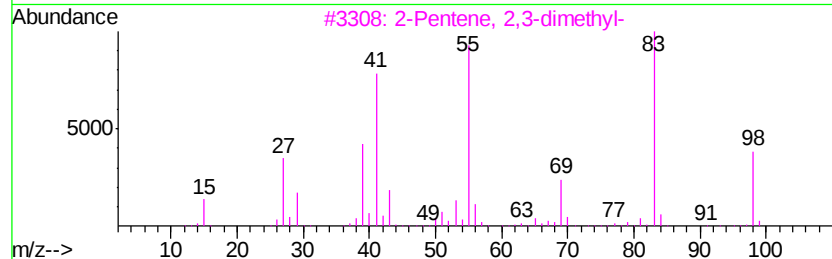
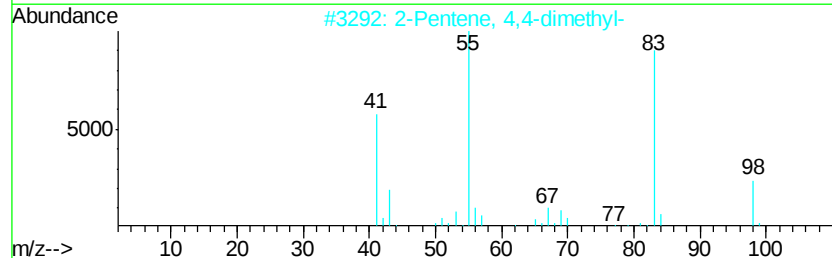
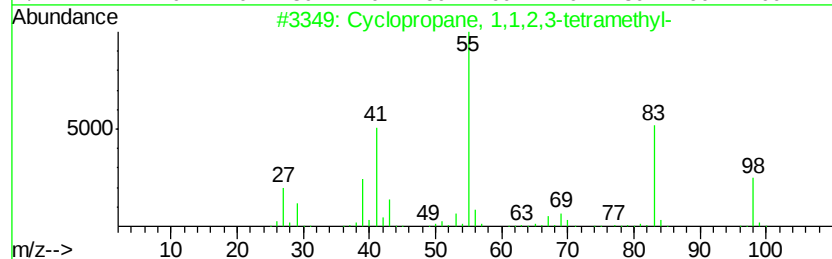
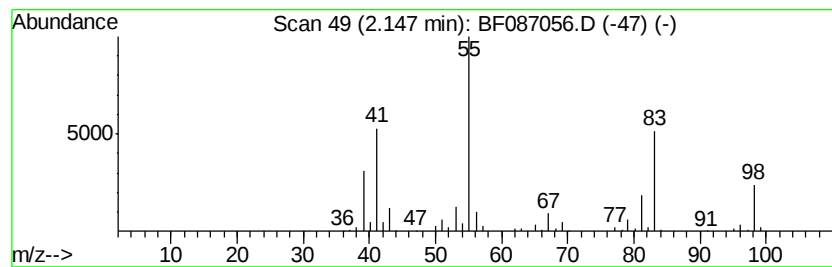
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopropane, 1,1,2,3-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	8.98 ng	532171	1,4-Dichlorobenzene-d4	6.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	86
2			2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	80
3			2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	64
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	53
5			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	53



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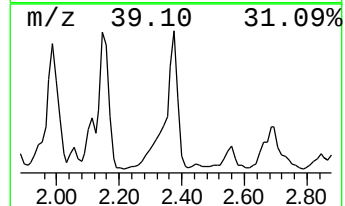
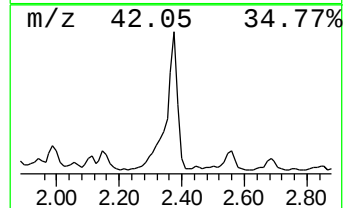
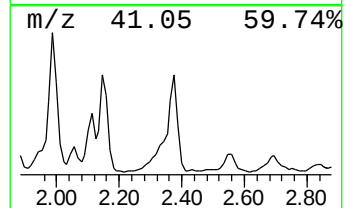
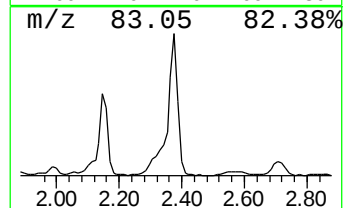
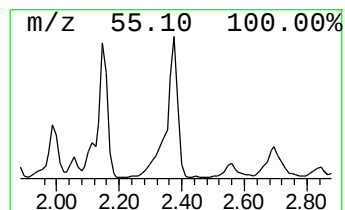
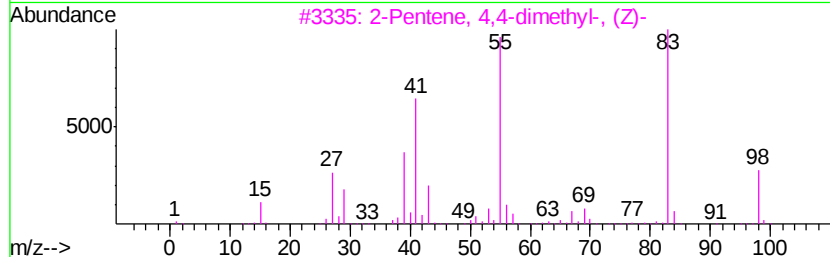
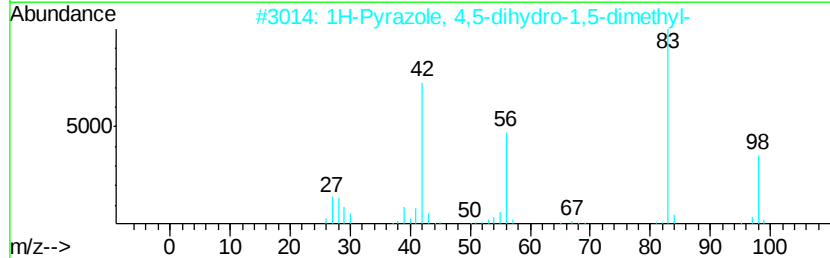
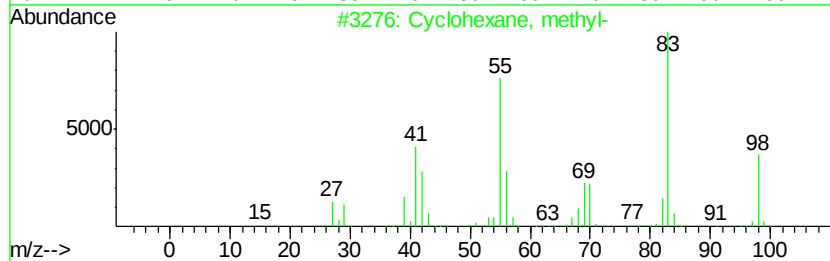
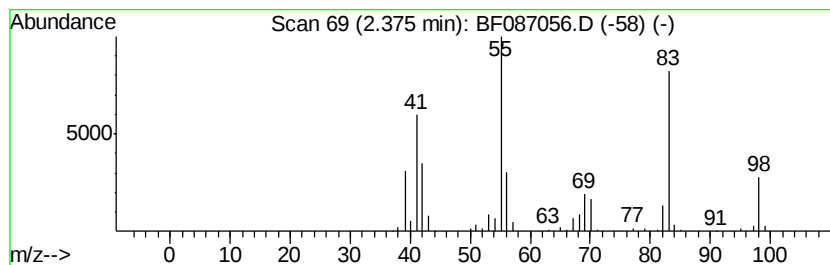
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.38	14.70 ng	870603	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
2		1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	59
3		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	58
4		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	58
5		2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	58



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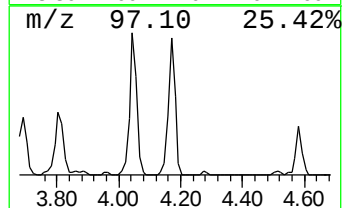
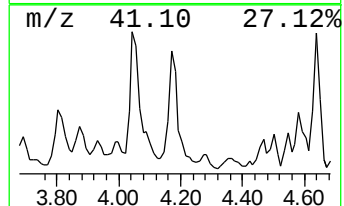
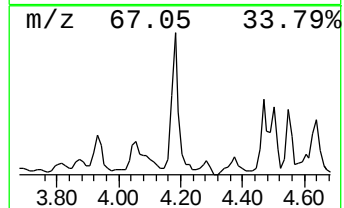
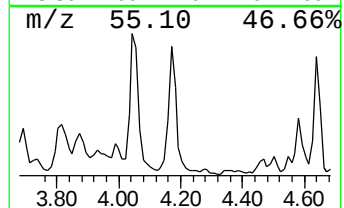
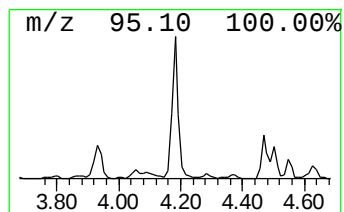
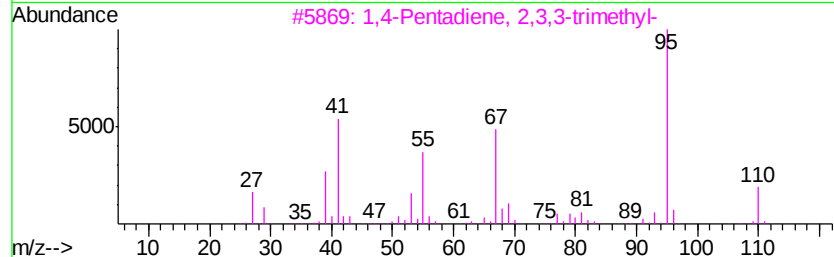
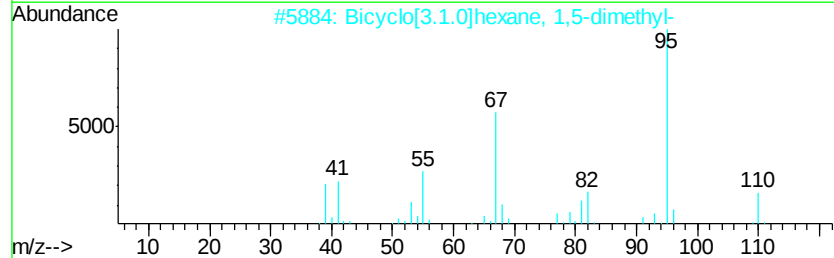
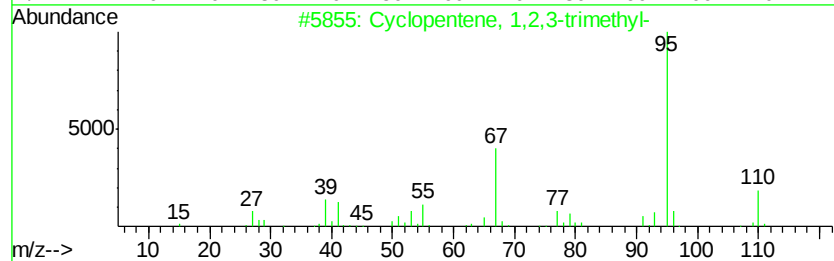
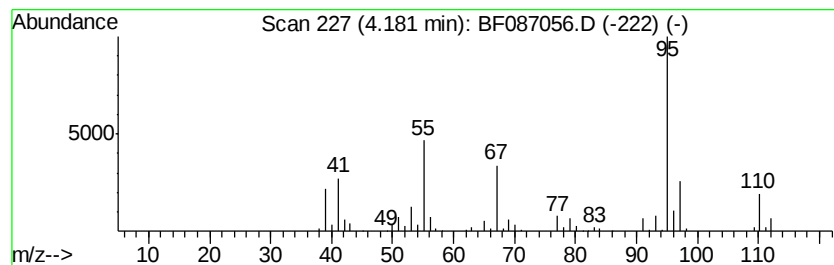
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	8.10 ng	479806	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	93
2		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	70
3		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
4		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	64
5		2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087056.D
Acq On : 15 May 2016 8:43
Operator : UM/SJ
Sample : H3053-05
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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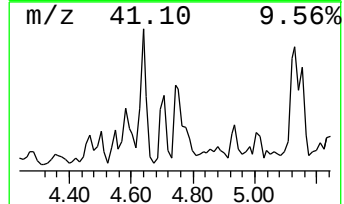
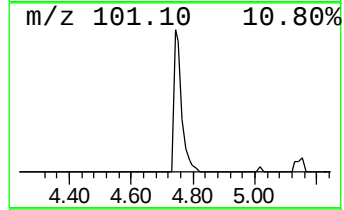
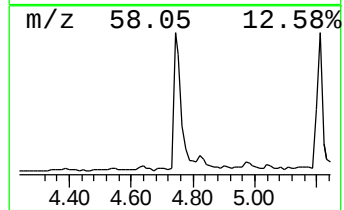
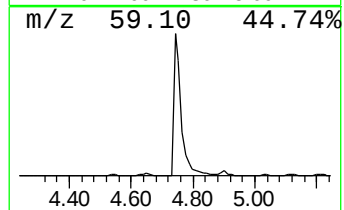
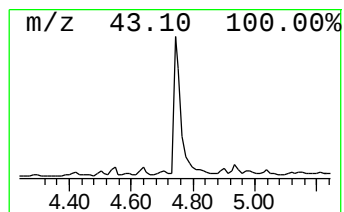
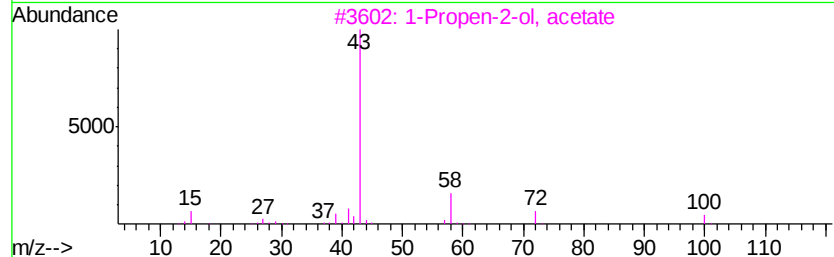
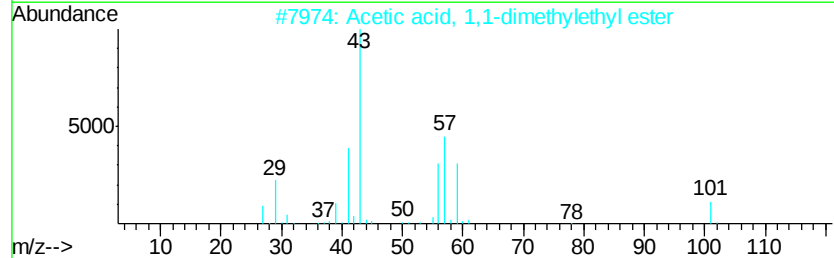
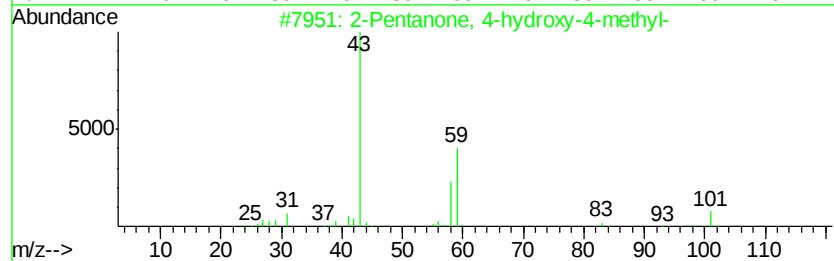
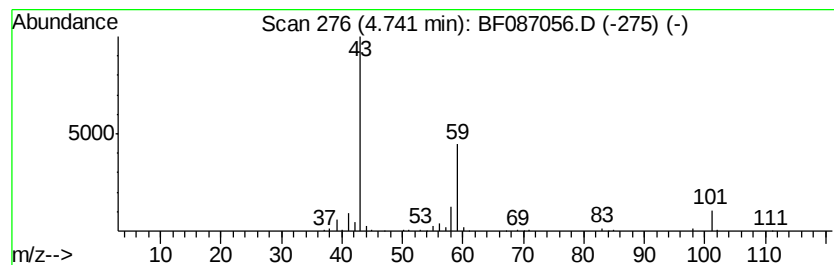
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	8.42 ng	498743	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5		Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Acq On : 15 May 2016 8:43
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Sample : H3053-05
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ClientSampleId :
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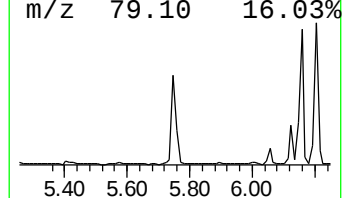
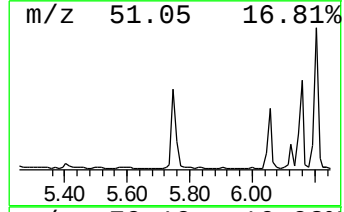
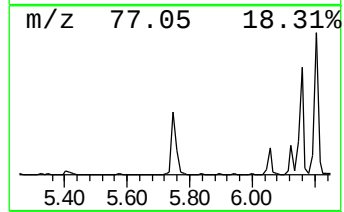
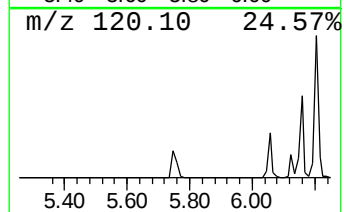
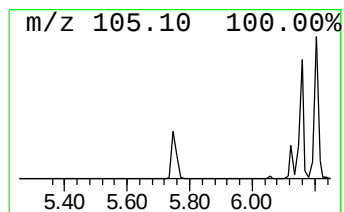
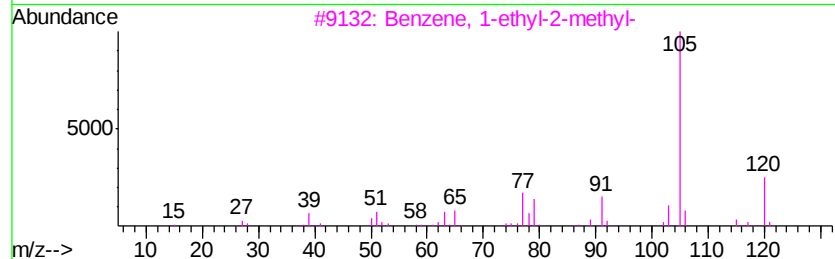
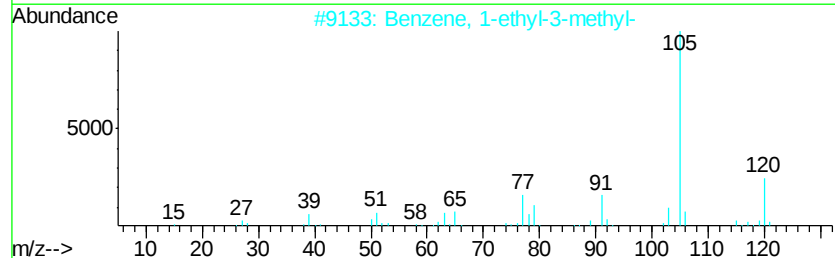
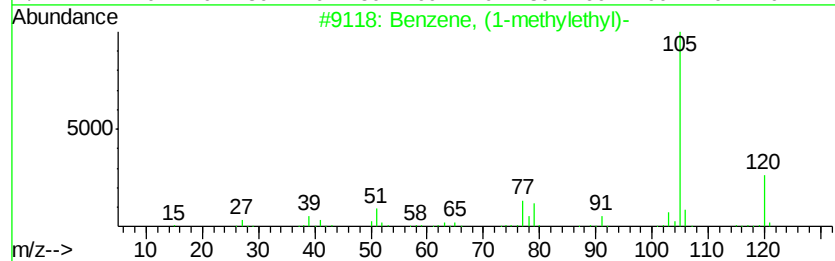
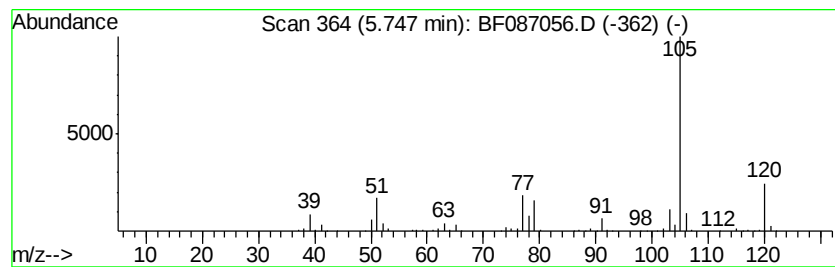
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	14.36 ng	850475	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	78
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Operator : UM/SJ
Sample : H3053-05
Misc :
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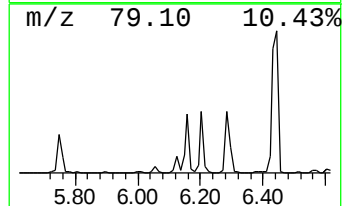
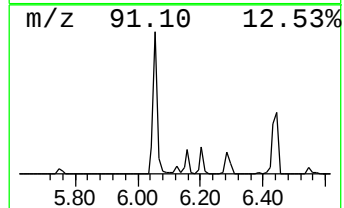
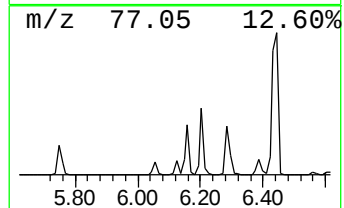
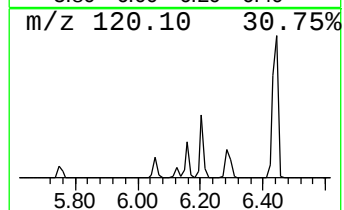
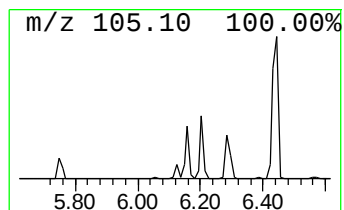
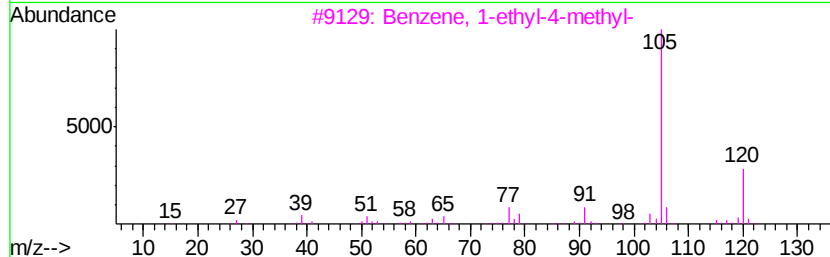
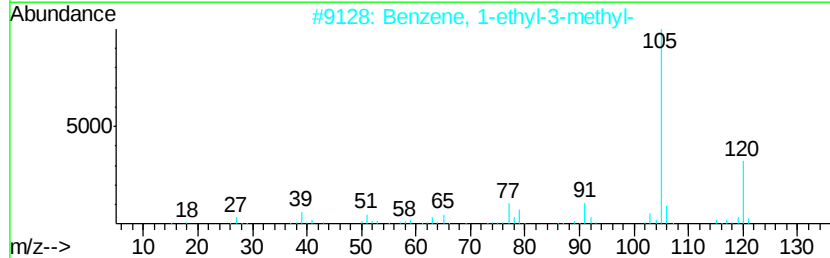
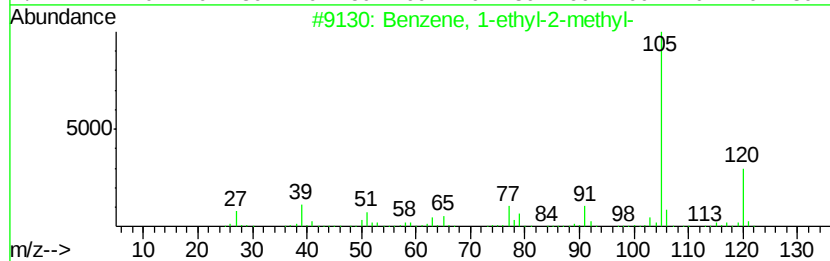
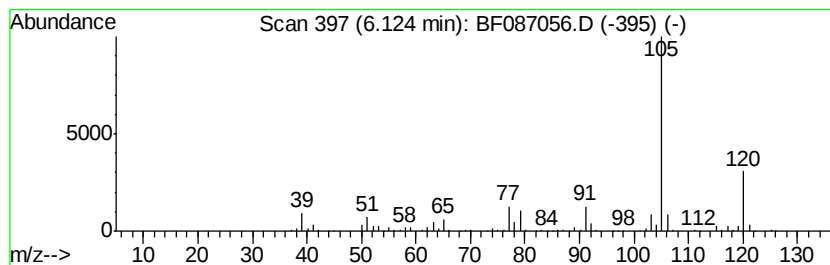
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	8.65 ng	512641	1,4-Dichlorobenzene-d4	6.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087056.D
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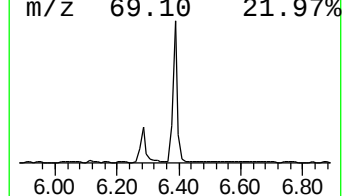
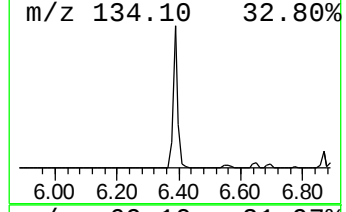
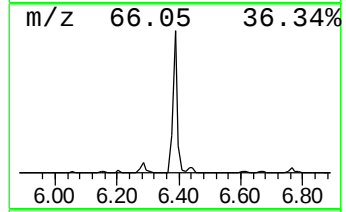
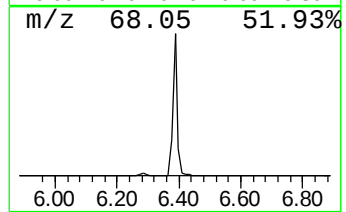
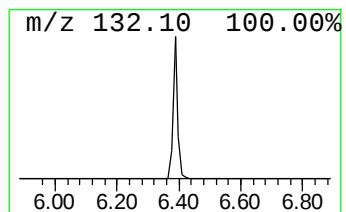
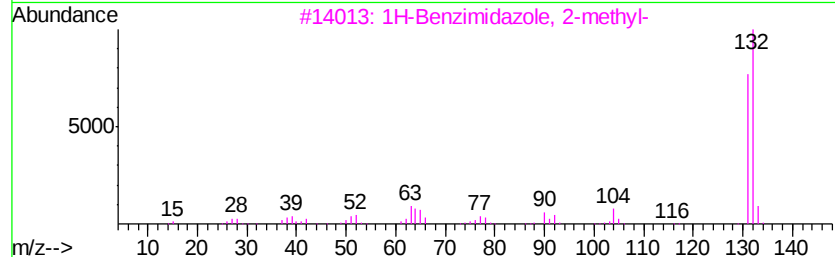
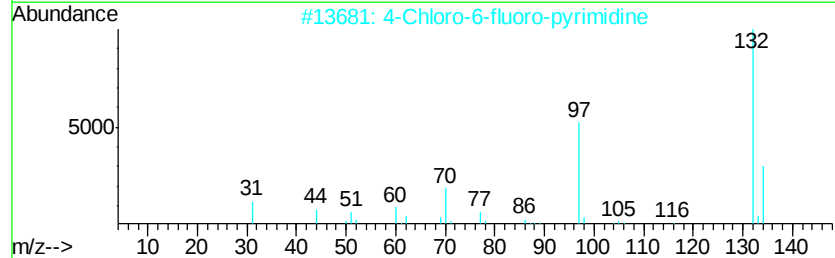
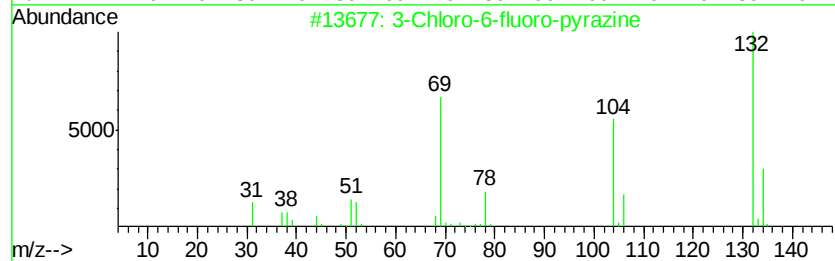
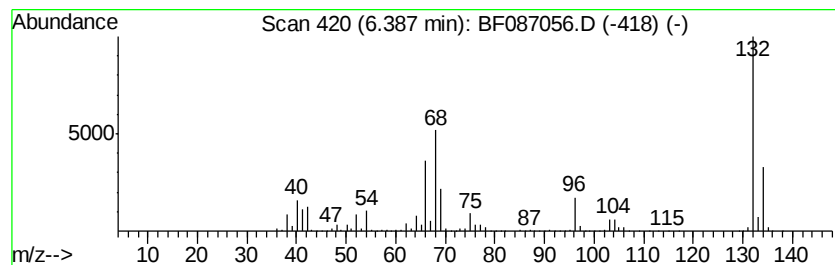
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown6.39 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	70.79 ng	4193320	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087056.D
Acq On : 15 May 2016 8:43
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ClientSampleId :
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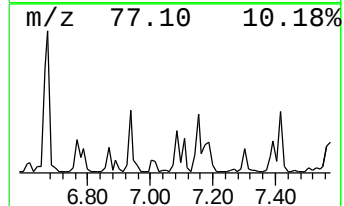
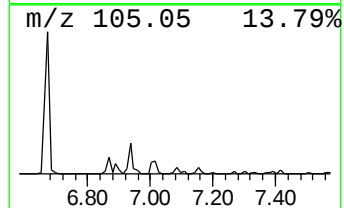
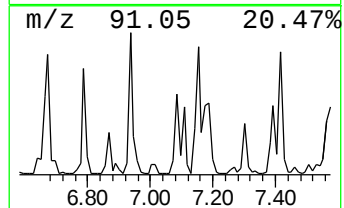
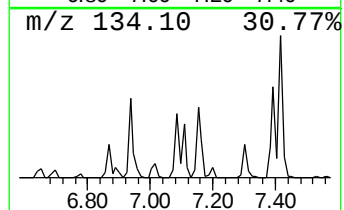
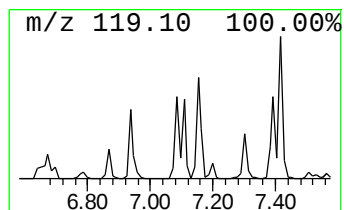
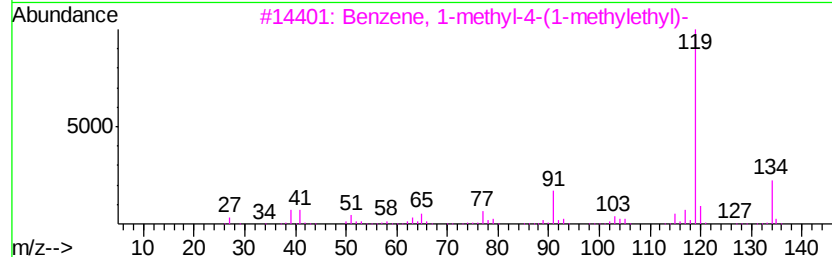
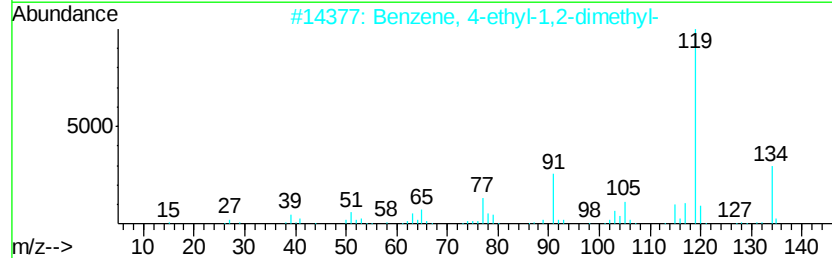
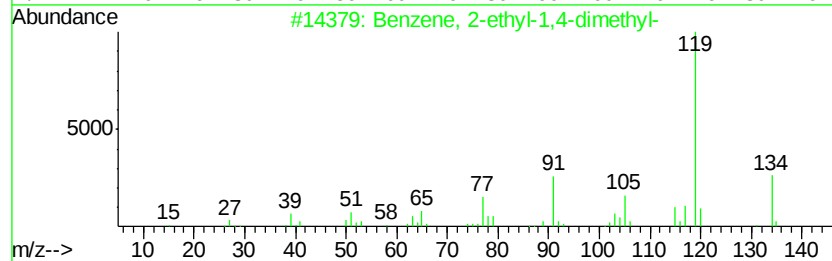
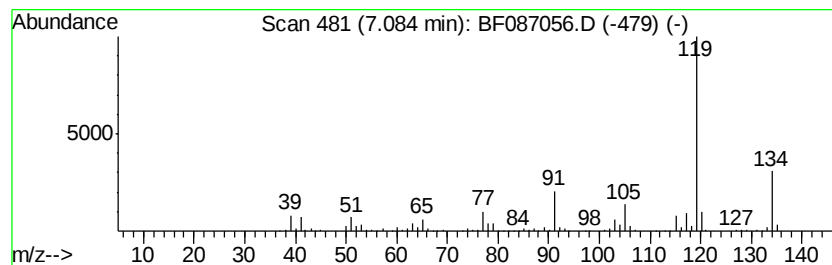
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	19.71 ng	1167320	1,4-Dichlorobenzene-d4	6.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
4			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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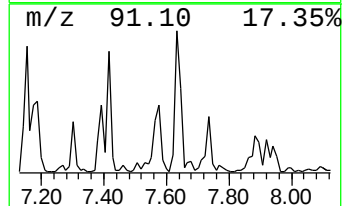
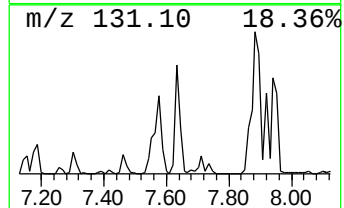
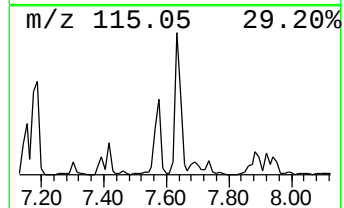
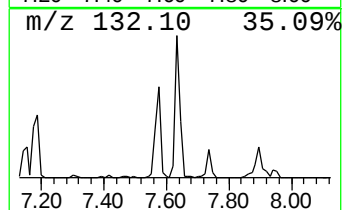
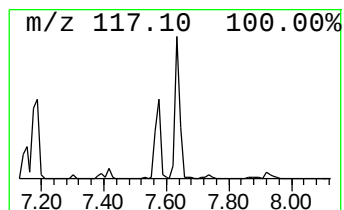
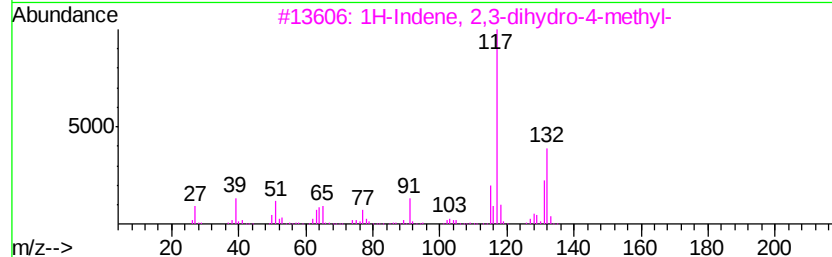
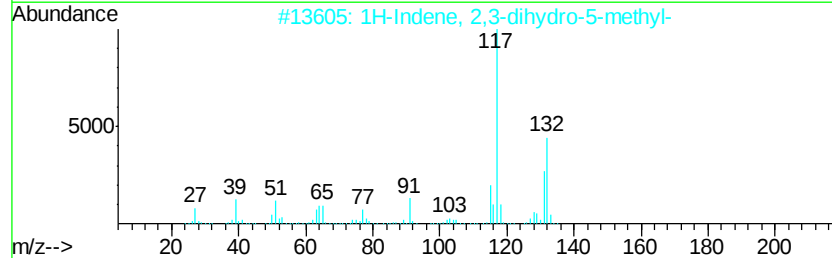
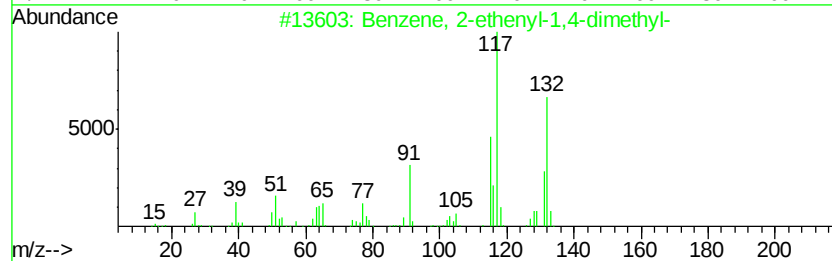
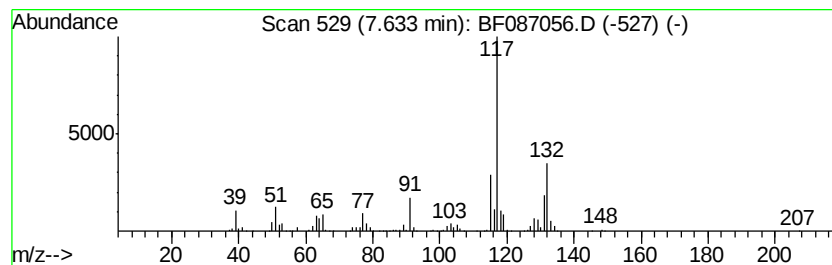
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	12.00 ng	2170130	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	91
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Hexene, 3-methy...	1.99	10.9	ng	644828	1	6.62	1184710	20.0
Cyclopropane, 1,1...	2.15	9.0	ng	532171	1	6.62	1184710	20.0
Cyclohexane, methyl-	2.38	14.7	ng	870603	1	6.62	1184710	20.0
Cyclopentene, 1,2...	4.18	8.1	ng	479806	1	6.62	1184710	20.0
2-Pentanone, 4-hy...	4.74	8.4	ng	498743	1	6.62	1184710	20.0
Benzene, (1-methy...	5.75	14.4	ng	850475	1	6.62	1184710	20.0
Benzene, 1-ethyl-...	6.12	8.7	ng	512641	1	6.62	1184710	20.0
unknown6.39	6.39	70.8	ng	4193320	1	6.62	1184710	20.0
Benzene, 2-ethyl-...	7.08	19.7	ng	1167320	1	6.62	1184710	20.0
Benzene, 2-etheny...	7.63	12.0	ng	2170130	2	7.90	3617430	20.0