

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089247.D
 Acq On : 23 Jul 2016 22:26
 Operator : UM/SJ
 Sample : H4129-17
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KMW-04-5.0-7.0

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-BF072016.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	1.713	9	11	49	rVB	740239	1521470	100.00%	8.293%
2	4.010	207	212	221	rBV4	11494	25422	1.67%	0.139%
3	4.616	263	265	268	rVB	20284	29974	1.97%	0.163%
4	4.673	268	270	271	rBV	21533	23309	1.53%	0.127%
5	4.707	271	273	282	rVB	56516	112170	7.37%	0.611%
6	4.901	287	290	293	rBV2	17794	30616	2.01%	0.167%
7	5.096	305	307	311	rBV2	45438	100178	6.58%	0.546%
8	5.164	311	313	323	rVV	735784	1140681	74.97%	6.217%
9	5.290	323	324	327	rVV	25277	44058	2.90%	0.240%
10	5.336	327	328	330	rVB	21435	28473	1.87%	0.155%
11	5.381	330	332	337	rVB2	26519	49999	3.29%	0.273%
12	5.564	343	348	350	rVB3	32296	55076	3.62%	0.300%
13	5.701	358	360	363	rBV3	46478	97565	6.41%	0.532%
14	5.770	363	366	368	rBV2	18675	26280	1.73%	0.143%
15	5.816	368	370	373	rVB3	83675	136999	9.00%	0.747%
16	5.873	373	375	376	rBV	43742	50455	3.32%	0.275%
17	6.022	383	388	392	rBV3	61417	150790	9.91%	0.822%
18	6.090	392	394	396	rBV2	71967	104804	6.89%	0.571%
19	6.124	396	397	399	rVB	34326	36989	2.43%	0.202%
20	6.170	399	401	404	rBV2	44027	51440	3.38%	0.280%
21	6.239	404	407	412	rBV	892700	1303934	85.70%	7.107%
22	6.307	412	413	415	rVV2	41480	78558	5.16%	0.428%
23	6.342	415	416	420	rVV	911415	1187615	78.06%	6.473%
24	6.399	420	421	425	rVB	114985	157159	10.33%	0.857%
25	6.536	430	433	435	rBV2	46798	89084	5.86%	0.486%
26	6.582	435	437	440	rBV2	180862	295297	19.41%	1.610%
27	6.639	440	442	443	rVB	33932	29344	1.93%	0.160%
28	6.730	448	450	455	rVV	960377	1119430	73.58%	6.102%
29	6.833	457	459	464	rVV3	71383	151167	9.94%	0.824%
30	6.902	464	465	469	rVV3	52126	110517	7.26%	0.602%
31	6.970	469	471	473	rVV2	60425	67471	4.43%	0.368%
32	7.073	477	480	481	rVV3	13123	26814	1.76%	0.146%
33	7.153	481	487	491	rVV2	673629	1145874	75.31%	6.246%
34	7.233	492	494	496	rVV	71138	96725	6.36%	0.527%

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35	7.279	496	498	499	rVV2	34575	51671	3.40%	0.282%
36	7.302	499	500	502	rVV2	35718	44014	2.89%	0.240%
37	7.359	502	505	506	rVV	88824	115565	7.60%	0.630%
38	7.382	506	507	510	rVV2	81485	83117	5.46%	0.453%
39	7.439	510	512	514	rVB2	16798	29920	1.97%	0.163%
40	7.496	514	517	518	rBV2	65504	101601	6.68%	0.554%
41	7.542	519	521	525	rVV4	42347	85592	5.63%	0.467%
42	7.599	525	526	528	rVV2	103265	136958	9.00%	0.747%
43	7.645	528	530	532	rVB3	25986	37800	2.48%	0.206%
44	7.702	532	535	537	rBV2	22195	39109	2.57%	0.213%
45	7.747	537	539	543	rBV3	15875	34158	2.25%	0.186%
46	7.862	546	549	553	rVV	416266	534174	35.11%	2.912%
47	7.942	555	556	560	rVB2	69324	85988	5.65%	0.469%
48	8.159	572	575	580	rBV5	21146	57926	3.81%	0.316%
49	8.250	582	583	585	rVB	17164	22211	1.46%	0.121%
50	8.307	585	588	590	rBV	122593	140134	9.21%	0.764%
51	8.479	600	603	604	rVV3	19595	35551	2.34%	0.194%
52	8.525	605	607	609	rVV2	18207	38633	2.54%	0.211%
53	8.570	609	611	613	rVB2	31655	40112	2.64%	0.219%
54	8.673	618	620	624	rVB2	32981	45248	2.97%	0.247%
55	8.776	625	629	631	rBV4	24399	48308	3.18%	0.263%
56	8.902	636	640	641	rBV	108243	105523	6.94%	0.575%
57	8.948	641	644	646	rVV	999644	1353667	88.97%	7.378%
58	9.039	649	652	657	rVB3	30993	68402	4.50%	0.373%
59	9.210	664	667	669	rBV2	12640	30330	1.99%	0.165%
60	9.279	671	673	674	rVV	12303	22322	1.47%	0.122%
61	9.313	674	676	677	rVV2	33879	41425	2.72%	0.226%
62	9.348	677	679	683	rVB	269718	418358	27.50%	2.280%
63	9.473	688	690	692	rBV3	11590	20016	1.32%	0.109%
64	9.519	692	694	696	rVB2	16733	21570	1.42%	0.118%
65	9.565	696	698	699	rBV	30018	32058	2.11%	0.175%
66	9.610	699	702	704	rBV	424342	449384	29.54%	2.449%
67	9.782	714	717	719	rBV4	8559	19805	1.30%	0.108%
68	9.816	719	720	724	rVB3	16893	23210	1.53%	0.127%
69	9.885	724	726	728	rBV	31002	32321	2.12%	0.176%
70	10.056	739	741	743	rVB2	24659	26763	1.76%	0.146%
71	10.273	758	760	763	rBV	36152	43680	2.87%	0.238%

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72	10.399	768	771	777	rBV	646382	871564	57.28%	4.751%
73	10.536	781	783	786	rVB	50282	83168	5.47%	0.453%
74	10.971	820	821	823	rBV	23221	23682	1.56%	0.129%
75	11.085	828	831	835	rBV	354762	438581	28.83%	2.391%
76	11.393	856	858	861	rBV	15589	25232	1.66%	0.138%
77	11.634	878	879	882	rBV2	23414	38787	2.55%	0.211%
78	11.805	892	894	897	rBV3	12607	23750	1.56%	0.129%
79	11.931	903	905	911	rVV2	37445	58174	3.82%	0.317%
80	12.022	911	913	920	rVB3	28397	63391	4.17%	0.346%
81	12.331	938	940	946	rVB	70443	69268	4.55%	0.378%
82	12.502	953	955	958	rVB2	59115	68154	4.48%	0.371%
83	12.582	958	962	964	rVB2	17148	23046	1.51%	0.126%
84	12.662	967	969	972	rBV	1086644	1157471	76.08%	6.309%
85	12.799	979	981	983	rVB	35813	39829	2.62%	0.217%
86	12.914	988	991	993	rBV2	17729	19717	1.30%	0.107%
87	13.211	1014	1017	1019	rVV	38536	41977	2.76%	0.229%
88	13.257	1019	1021	1025	rVB2	12373	21822	1.43%	0.119%
89	13.577	1047	1049	1057	rBV	76316	144335	9.49%	0.787%
90	13.702	1057	1060	1066	rVB	297398	326891	21.49%	1.782%
91	14.217	1101	1105	1113	rBV2	36586	110471	7.26%	0.602%
92	14.491	1125	1129	1131	rBV2	15056	23059	1.52%	0.126%
93	14.617	1137	1140	1142	rBV	22217	22579	1.48%	0.123%
94	14.777	1151	1154	1155	rBV	31651	30808	2.02%	0.168%
95	14.811	1155	1157	1164	rVB	25665	68868	4.53%	0.375%
96	15.040	1175	1177	1180	rBV	166006	218031	14.33%	1.188%
97	15.451	1211	1213	1216	rBV	20825	25652	1.69%	0.140%
98	16.743	1321	1326	1332	rBV4	15307	52811	3.47%	0.288%
99	17.154	1360	1362	1369	rVB2	8928	19633	1.29%	0.107%
100	18.377	1463	1469	1474	rVB	15075	43476	2.86%	0.237%

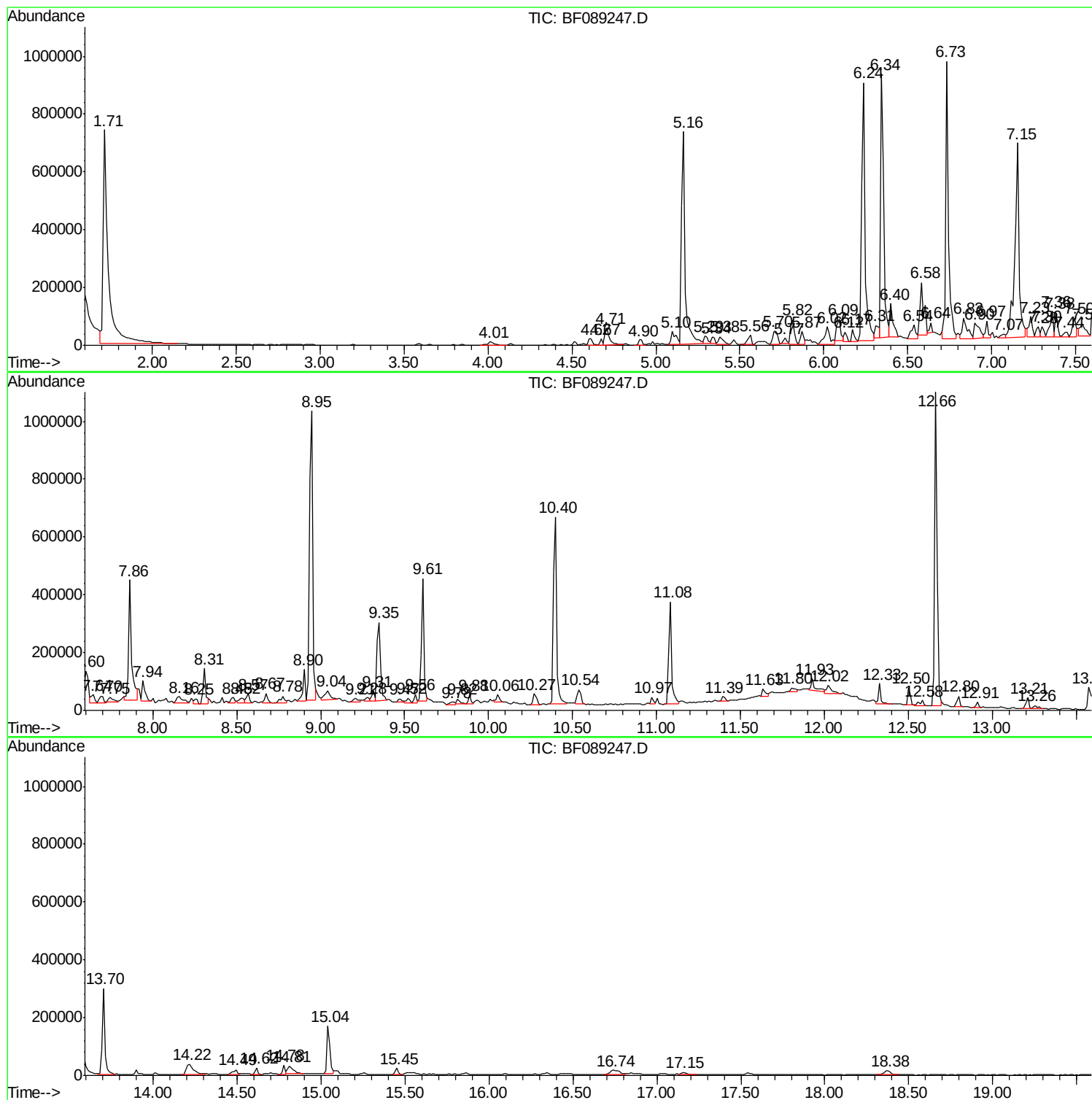
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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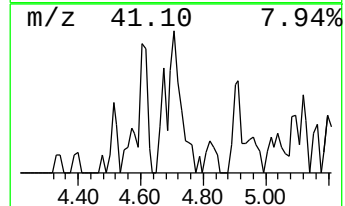
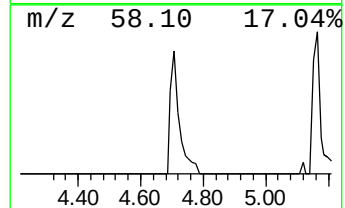
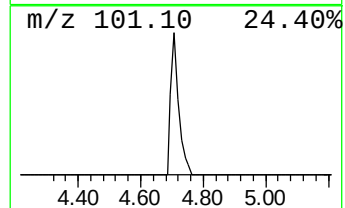
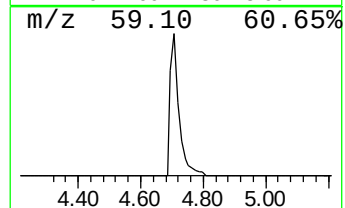
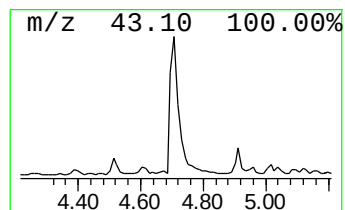
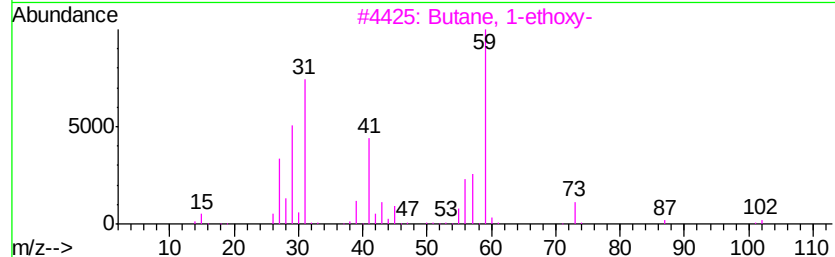
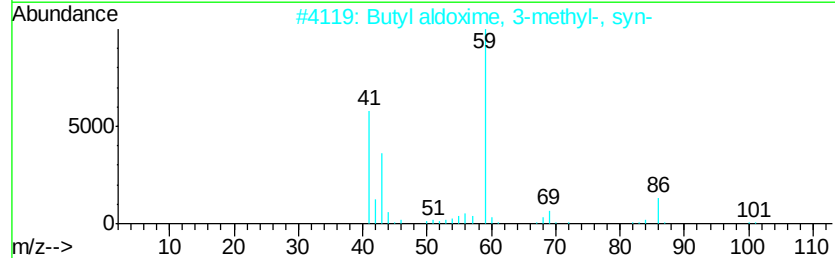
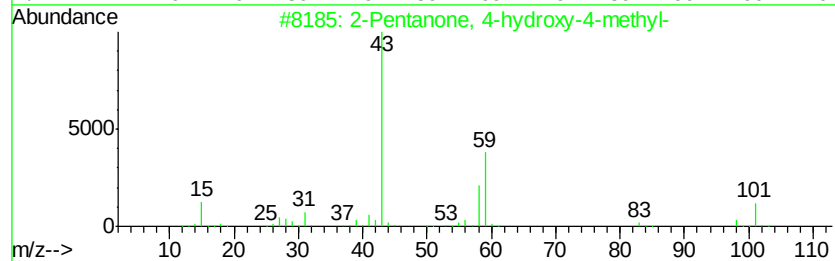
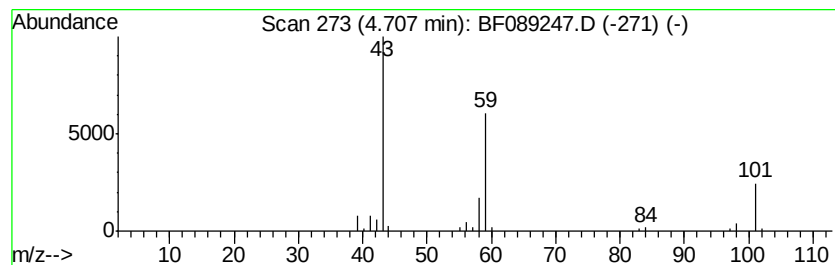
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	7.60 ng	112170	1,4-Dichlorobenzene-d4	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12
3			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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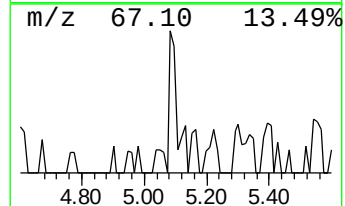
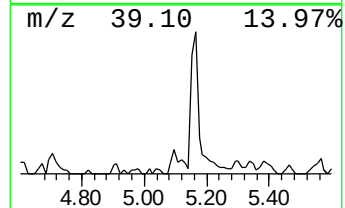
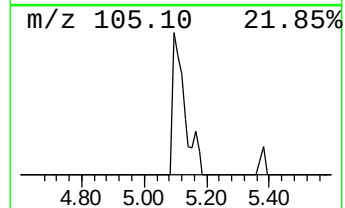
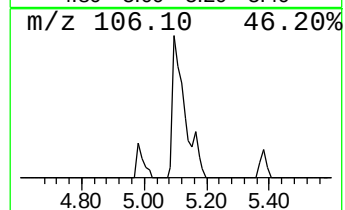
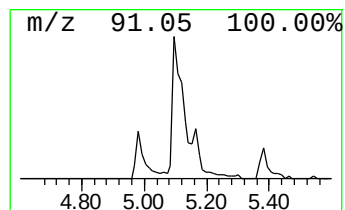
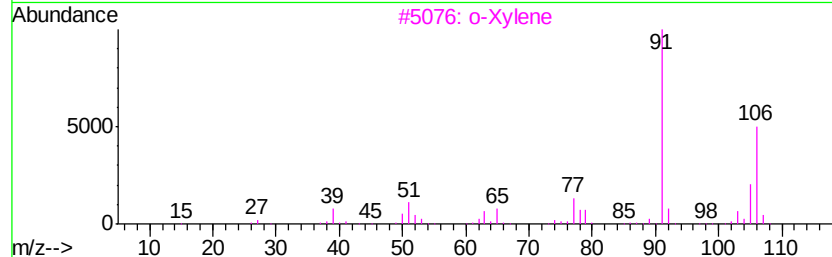
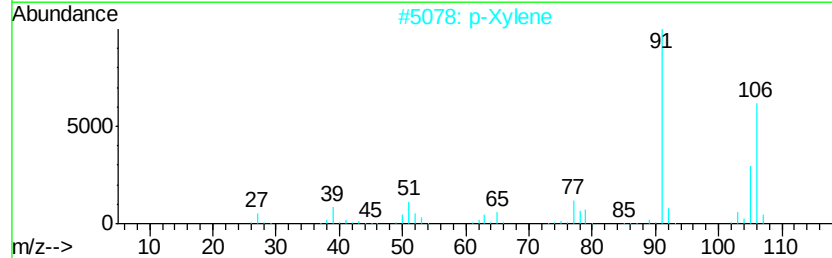
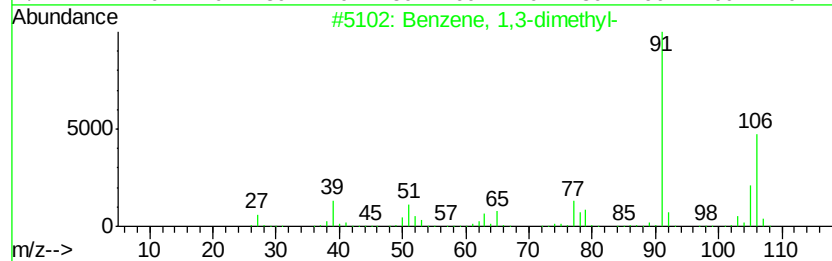
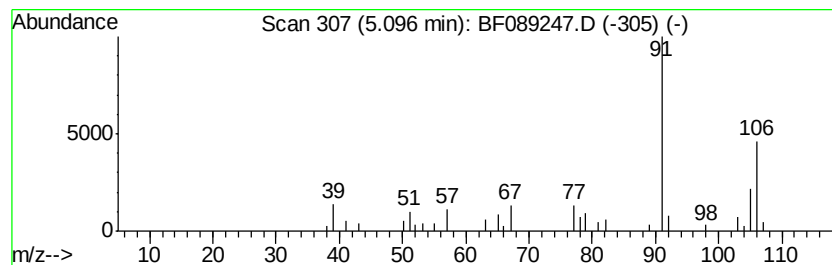
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	6.78 ng	100178	1,4-Dichlorobenzene-d4	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2			p-Xylene	106	C8H10	000106-42-3	93
3			o-Xylene	106	C8H10	000095-47-6	93
4			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	68
5			Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	62



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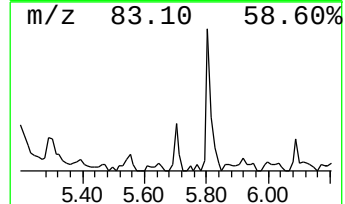
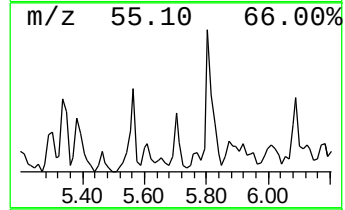
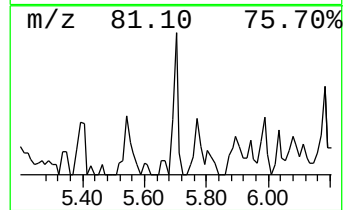
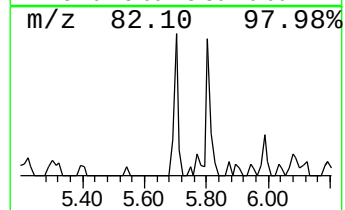
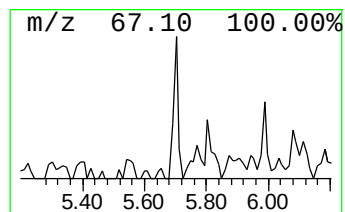
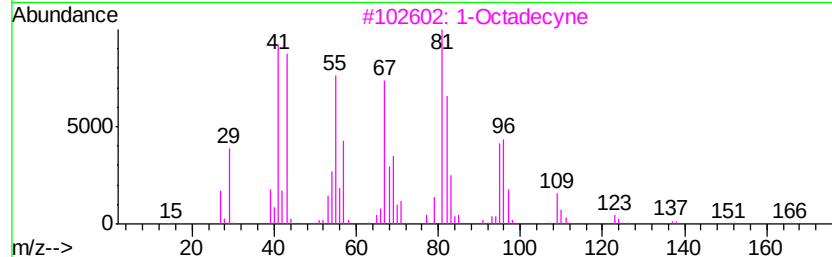
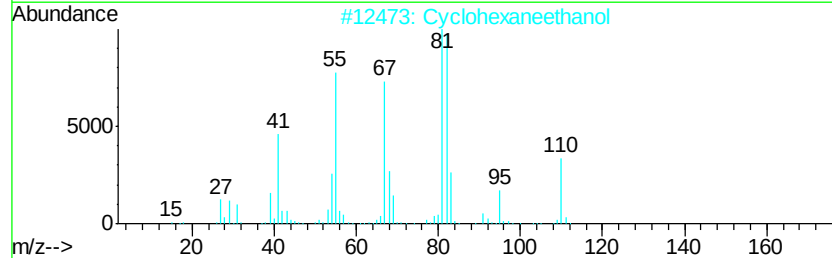
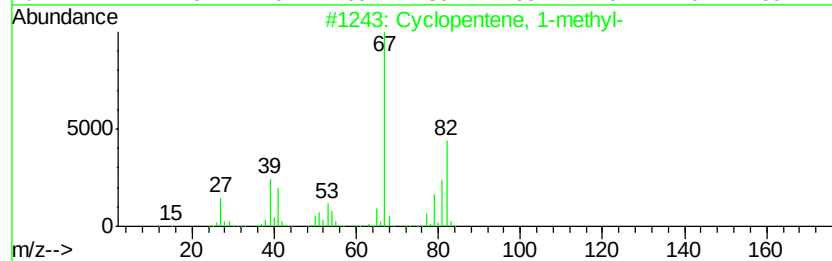
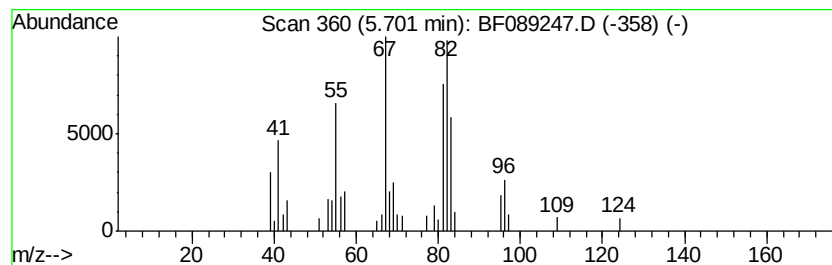
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Peak Number 4 Cyclopentene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	6.61 ng	97565	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	53
2		Cyclohexaneethanol	128	C8H16O	004442-79-9	50
3		1-Octadecyne	250	C18H34	000629-89-0	49
4		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	46
5		1-Tetradecyne	194	C14H26	000765-10-6	43



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Misc :
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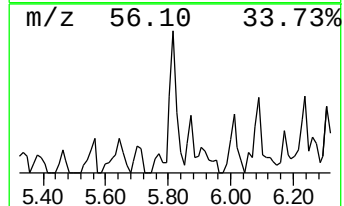
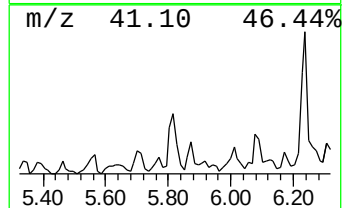
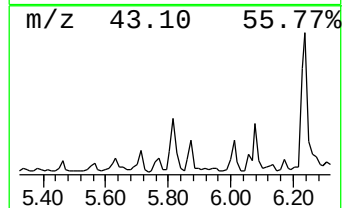
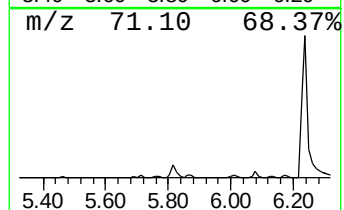
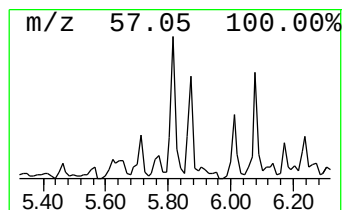
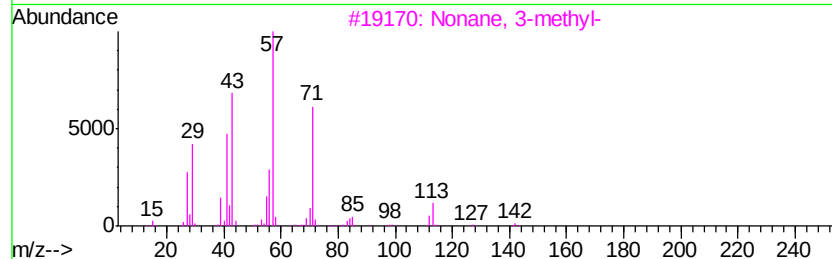
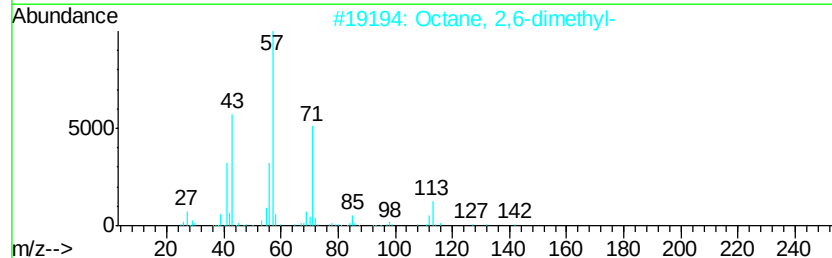
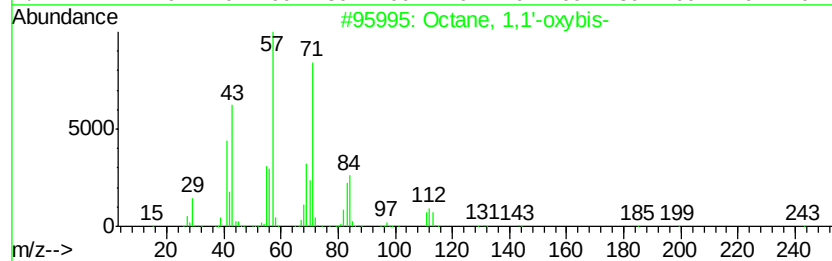
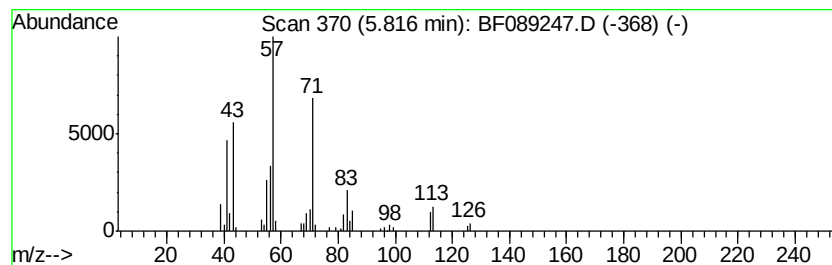
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 1,1'-oxybis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.82	9.28 ng	136999	1,4-Dichlorobenzene-d4	6.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089247.D
Acq On : 23 Jul 2016 22:26
Operator : UM/SJ
Sample : H4129-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

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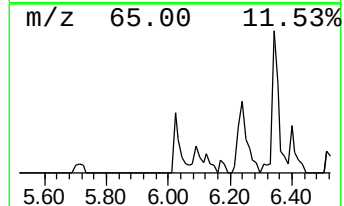
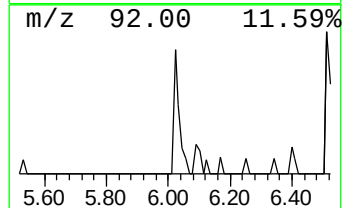
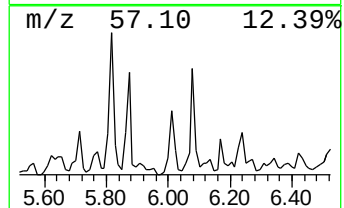
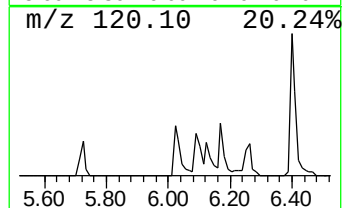
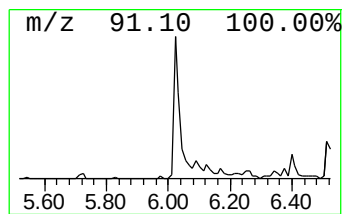
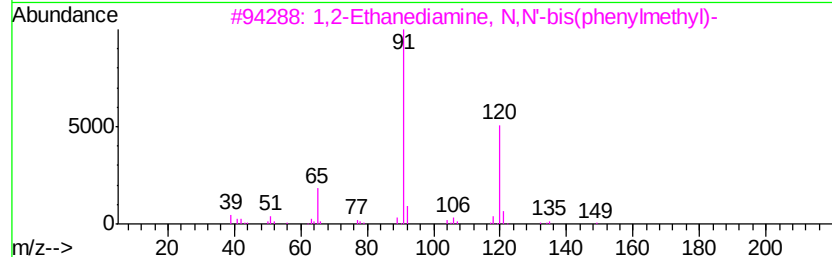
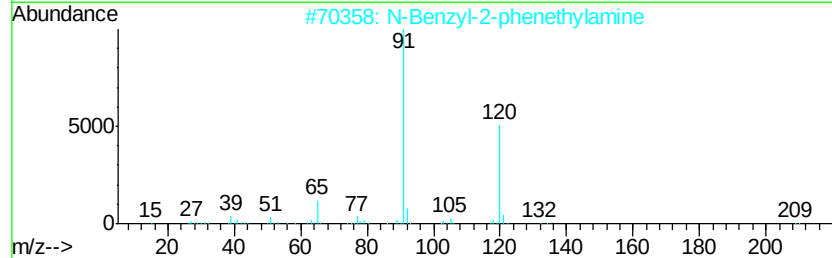
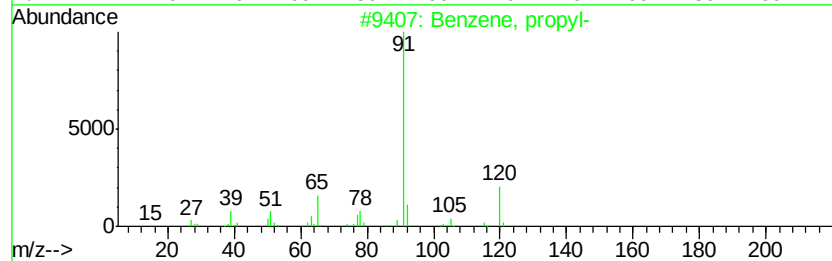
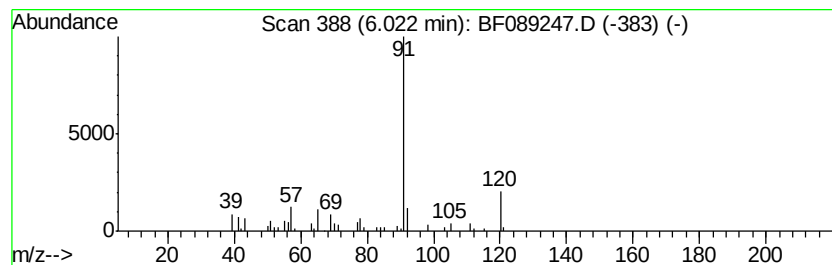
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	10.21 ng	150790	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	81
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59
3		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	53
4		2,4,6-Cycloheptatrien-1-one, 4-m...	120	C8H8O	1000327-34-9	47
5		Benzeneacetaldehyde	120	C8H8O	000122-78-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089247.D
Acq On : 23 Jul 2016 22:26
Operator : UM/SJ
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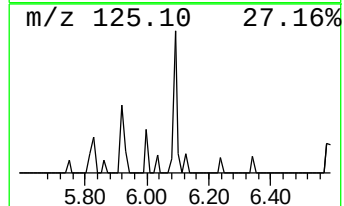
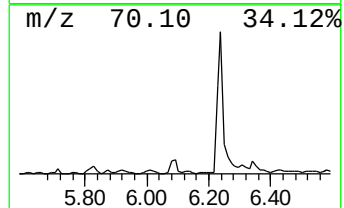
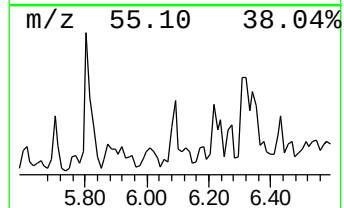
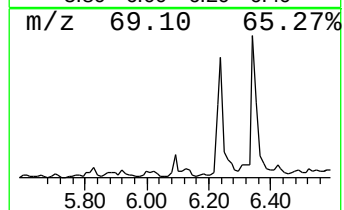
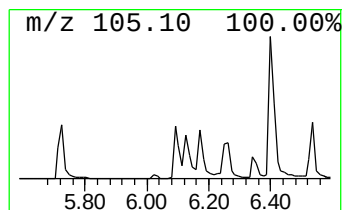
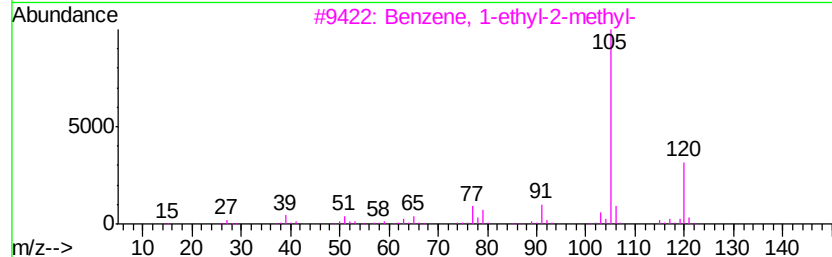
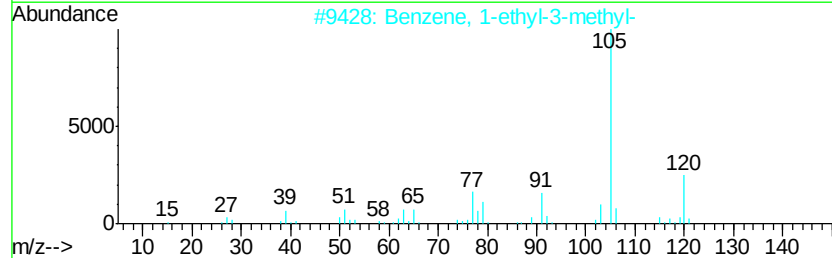
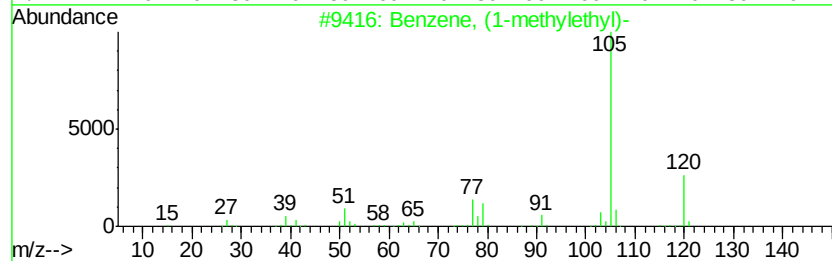
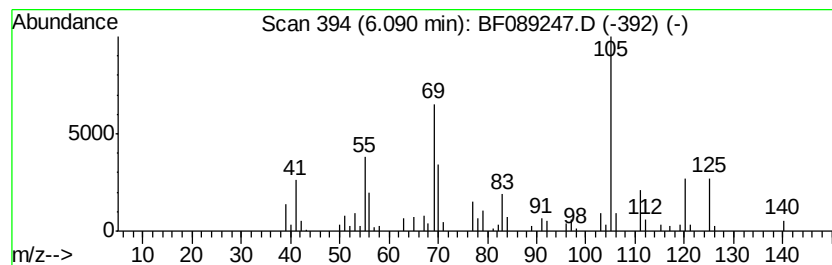
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	7.10 ng	104804	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	38
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	38
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	30
5		Mesitylene	120	C9H12	000108-67-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089247.D
Acq On : 23 Jul 2016 22:26
Operator : UM/SJ
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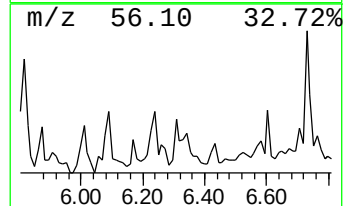
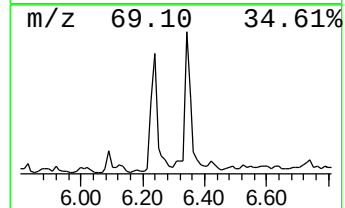
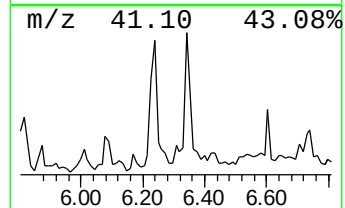
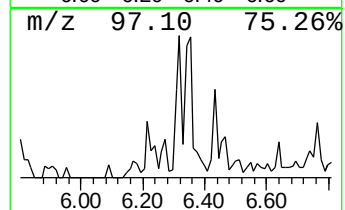
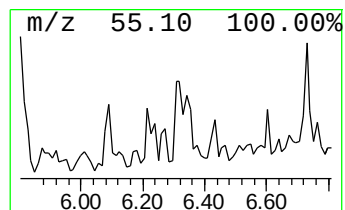
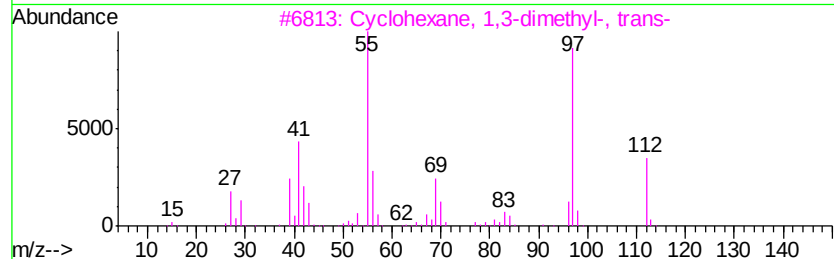
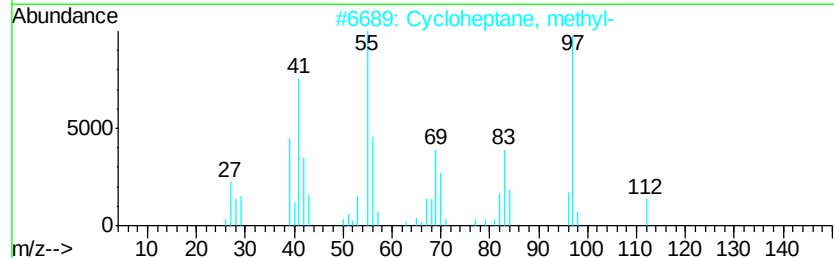
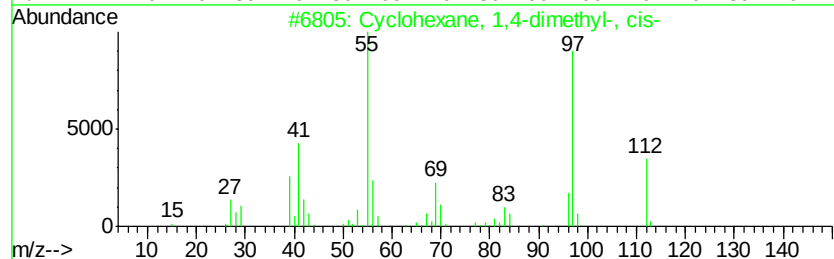
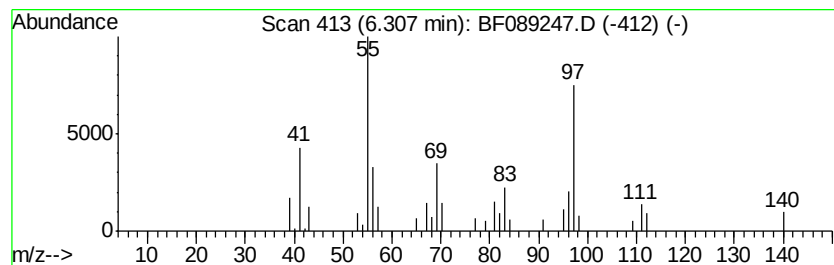
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	5.32 ng	78558	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64
2		Cycloheptane, methyl-	112	C8H16	004126-78-7	62
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
4		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	53
5		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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Acq On : 23 Jul 2016 22:26
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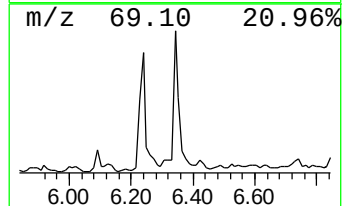
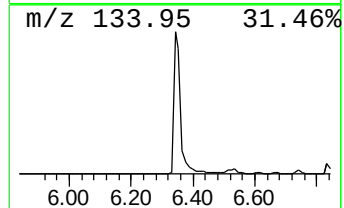
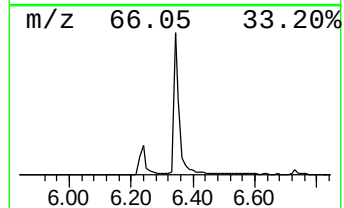
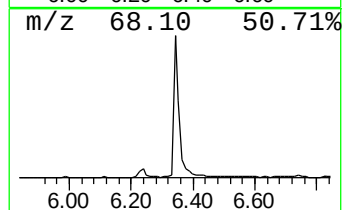
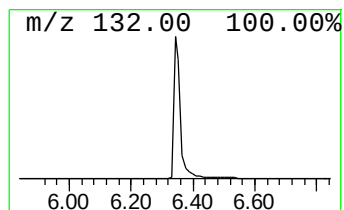
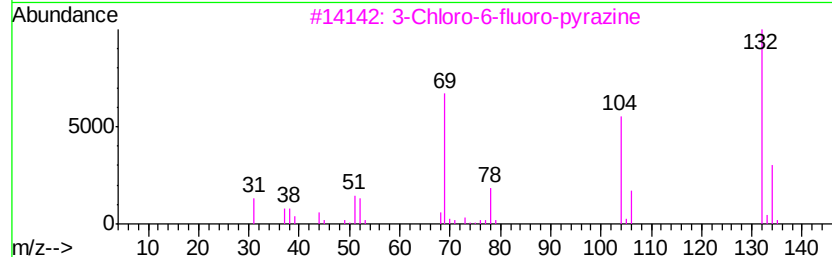
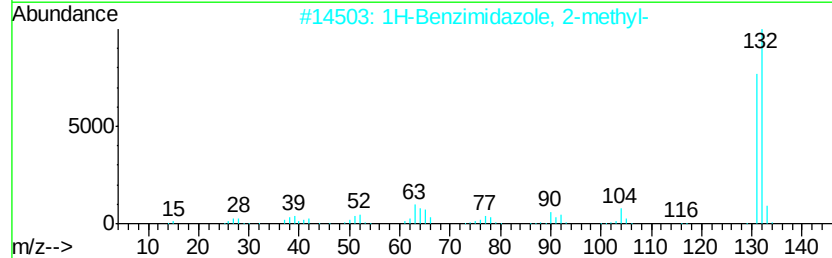
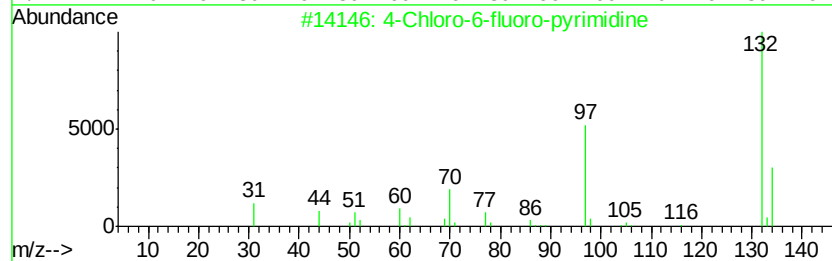
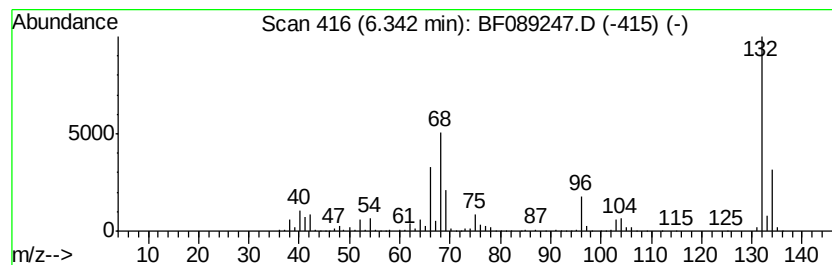
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown6.34 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	80.44 ng	1187620	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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Acq On : 23 Jul 2016 22:26
Operator : UM/SJ
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Instrument :
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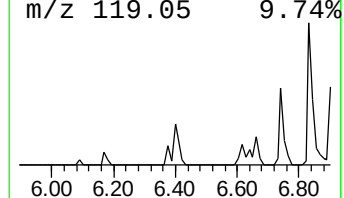
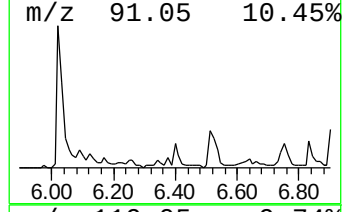
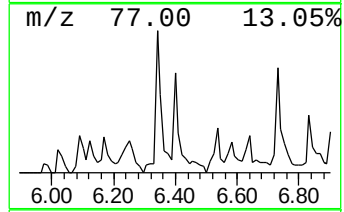
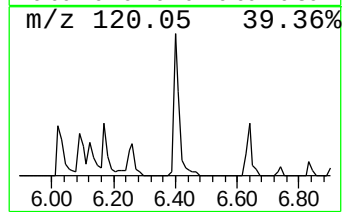
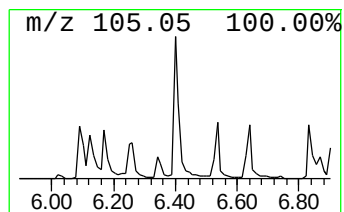
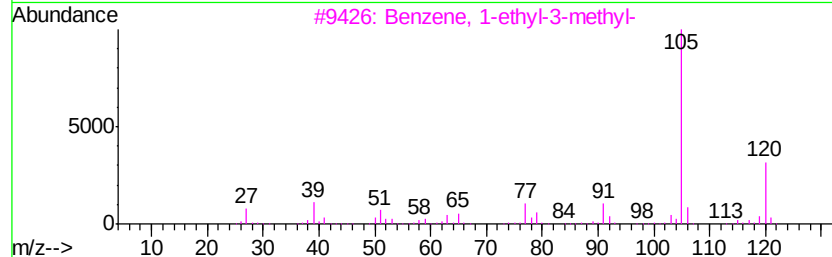
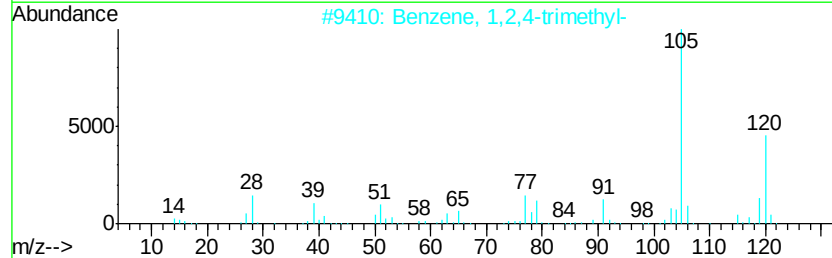
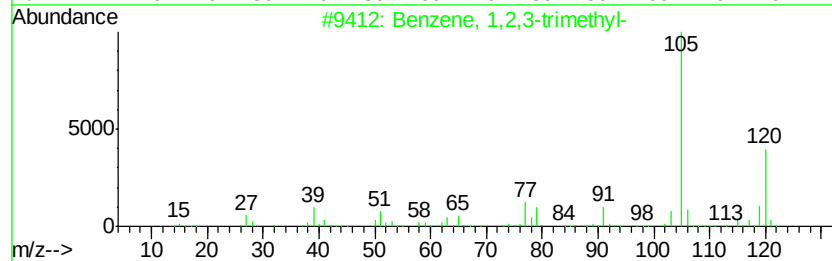
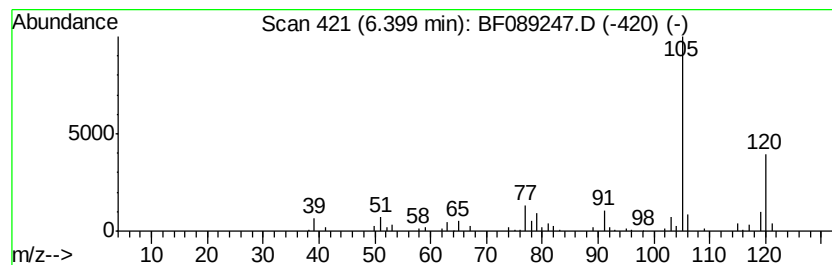
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	10.64 ng	157159	1,4-Dichlorobenzene-d4	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



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Data File : BF089247.D
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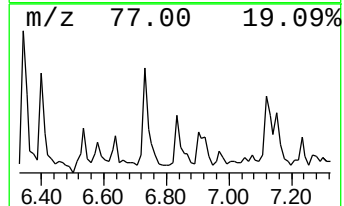
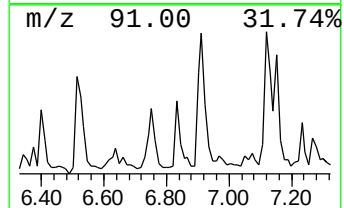
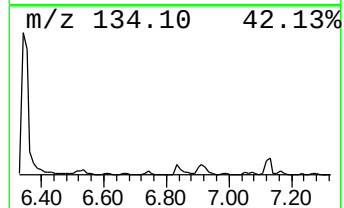
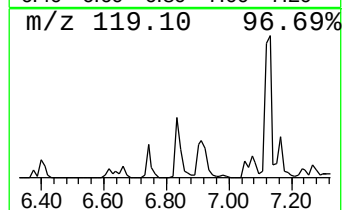
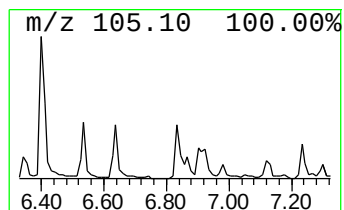
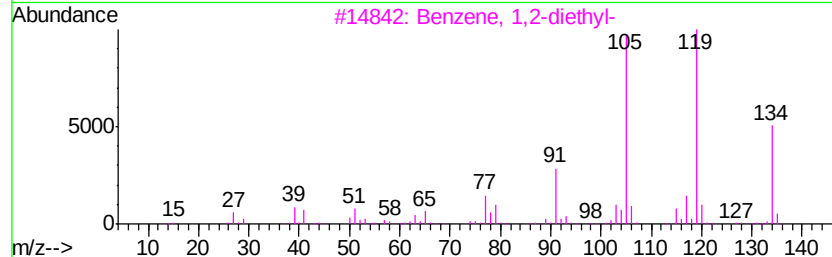
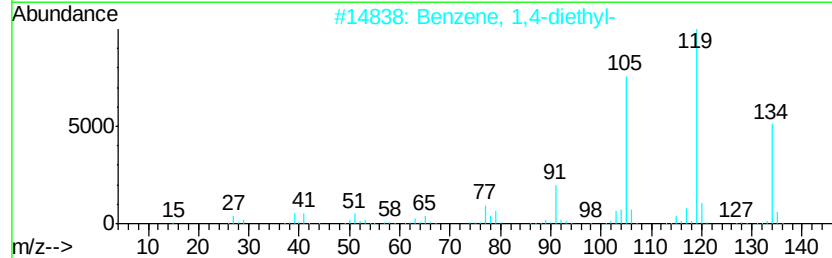
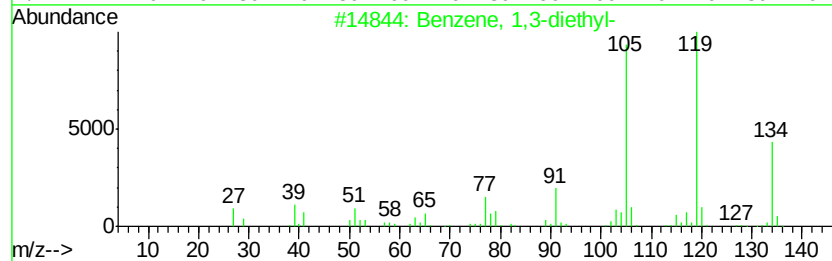
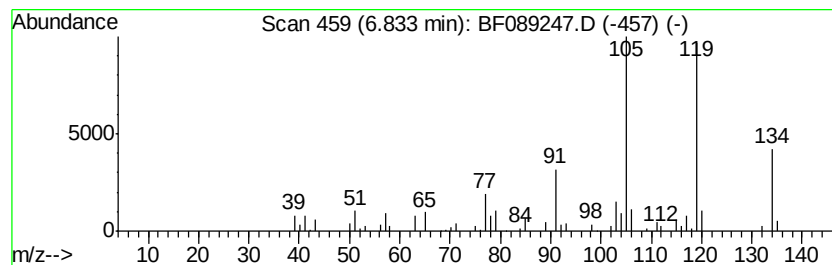
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	10.24 ng	151167	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81



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Data File : BF089247.D
Acq On : 23 Jul 2016 22:26
Operator : UM/SJ
Sample : H4129-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

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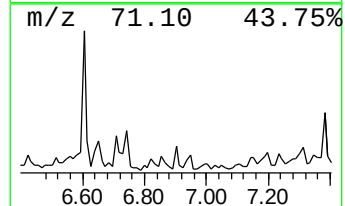
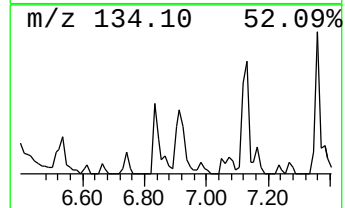
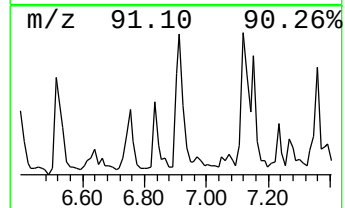
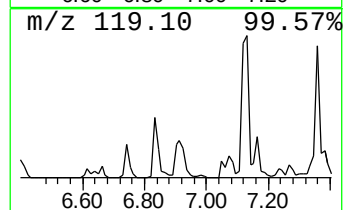
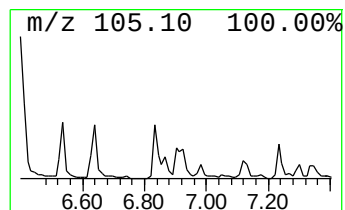
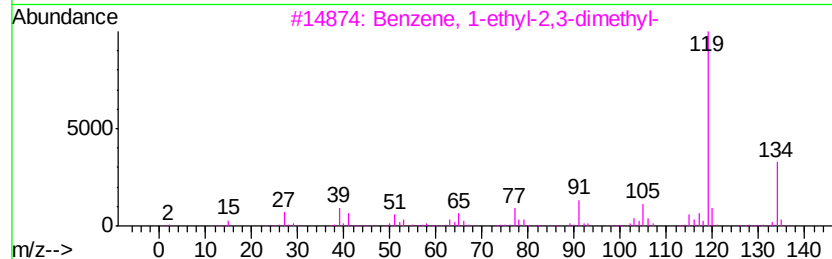
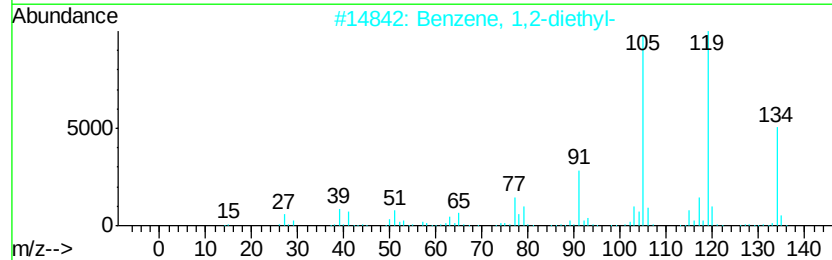
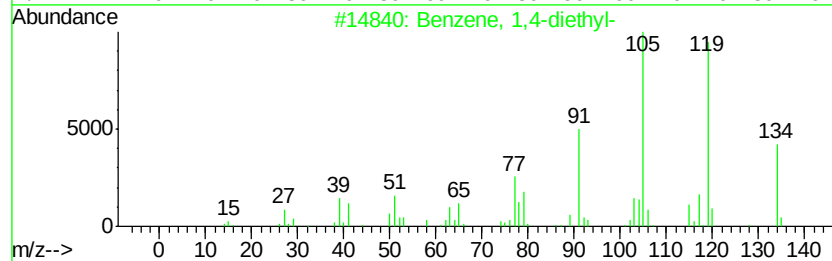
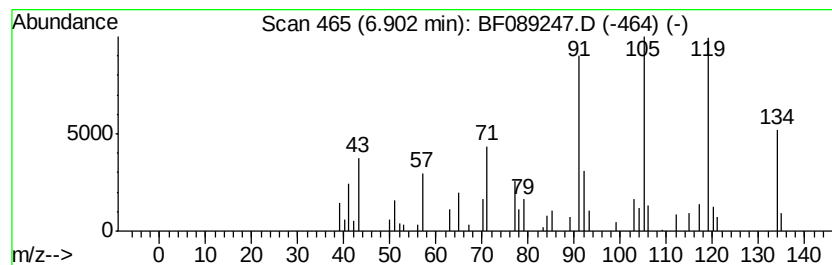
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,4-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	7.49 ng	110517	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089247.D
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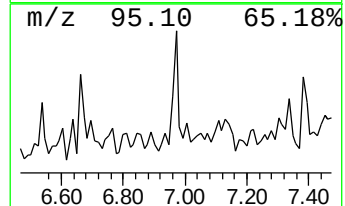
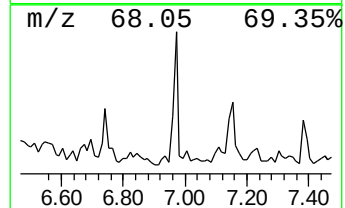
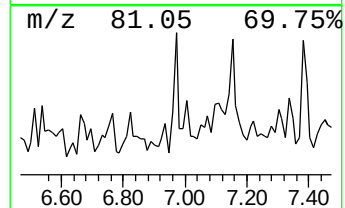
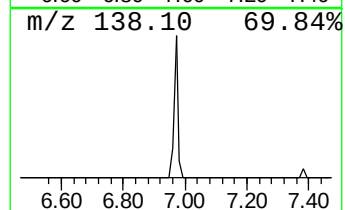
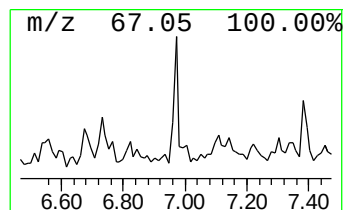
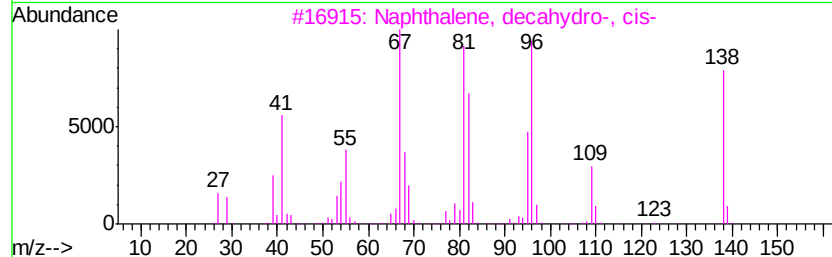
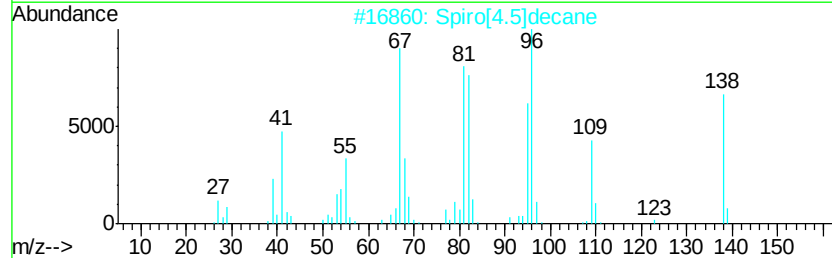
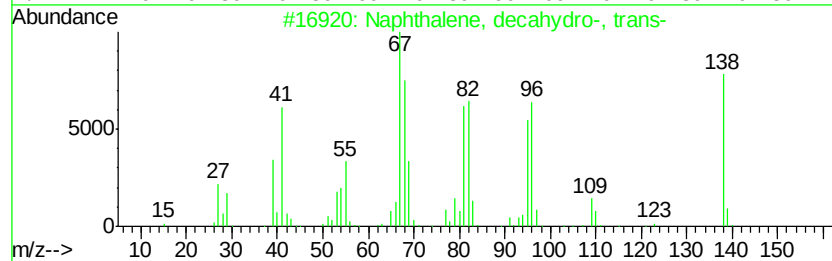
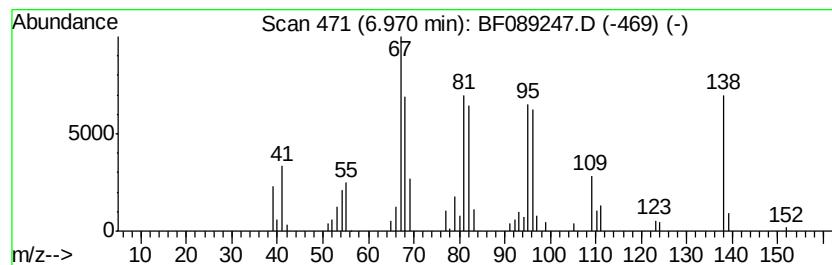
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, decahydro-, tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	4.57 ng	67471	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2		Spiro[4.5]decane	138	C10H18	000176-63-6	94
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	93
4		Naphthalene, decahydro-	138	C10H18	000091-17-8	93
5		Cyclodecene	138	C10H18	003618-12-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089247.D
Acq On : 23 Jul 2016 22:26
Operator : UM/SJ
Sample : H4129-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

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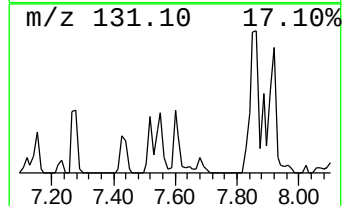
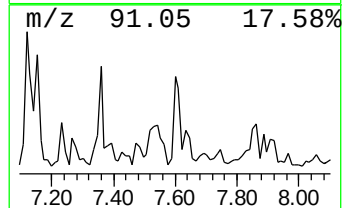
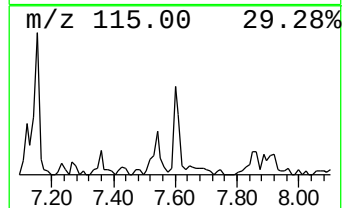
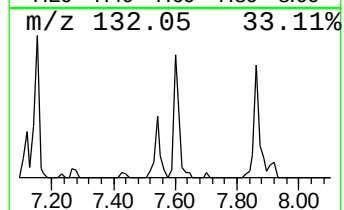
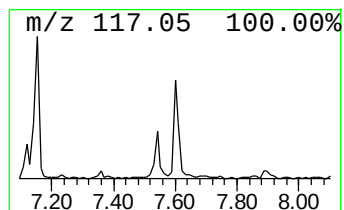
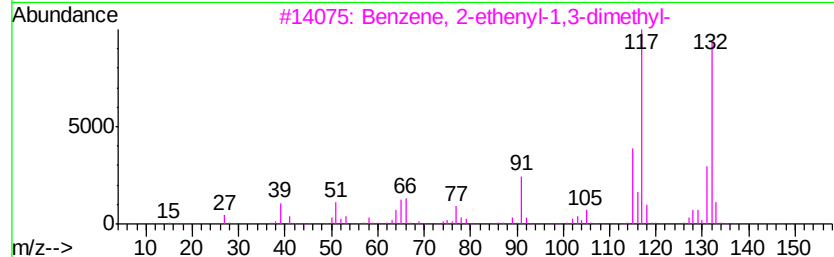
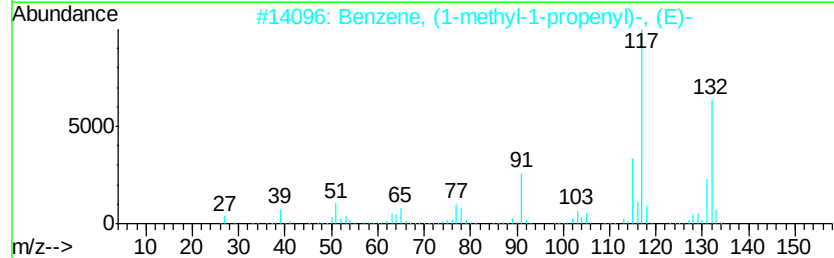
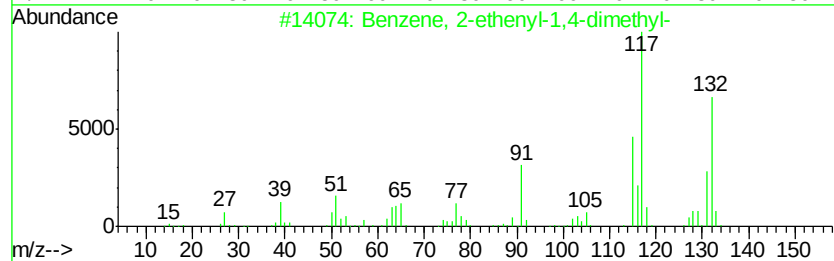
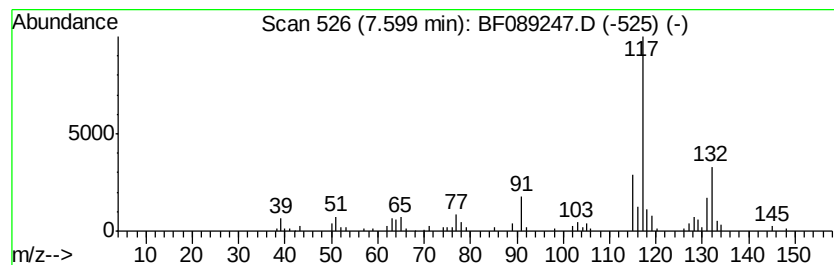
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	5.13 ng	136958	Napthalene-d8	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	91
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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Operator : UM/SJ
Sample : H4129-17
Misc :
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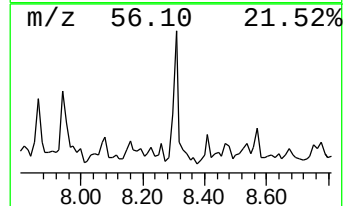
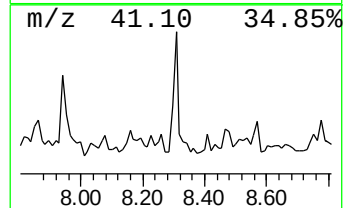
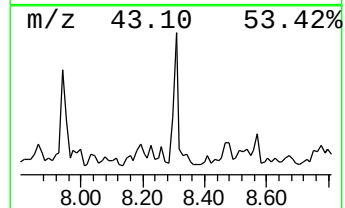
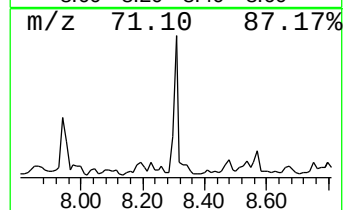
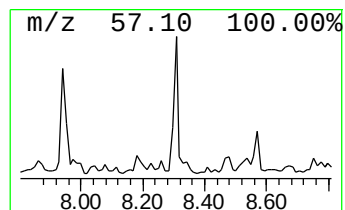
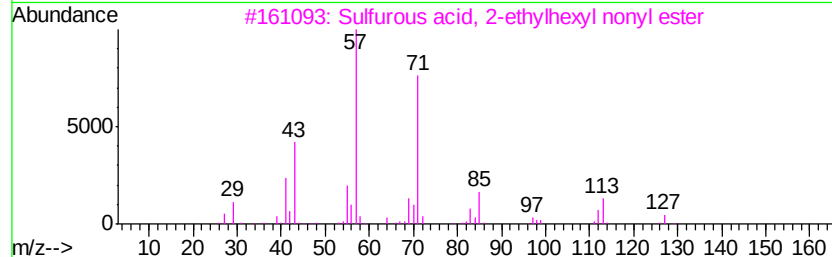
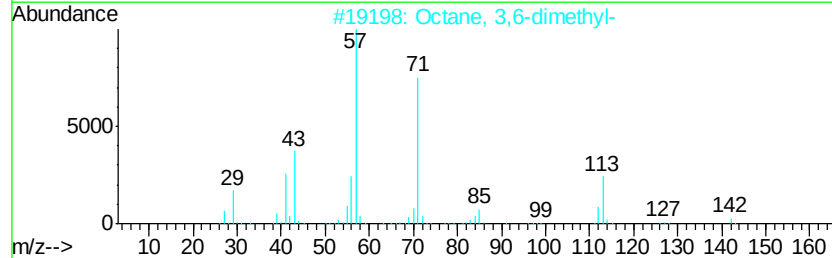
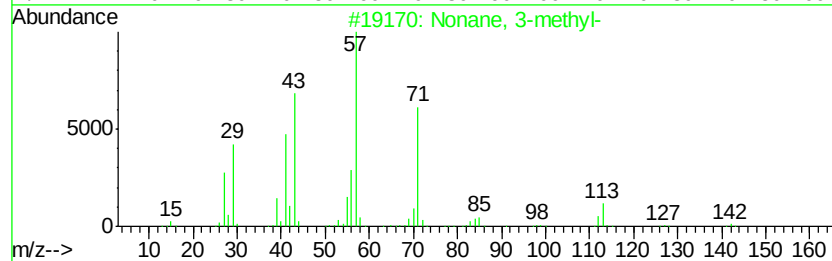
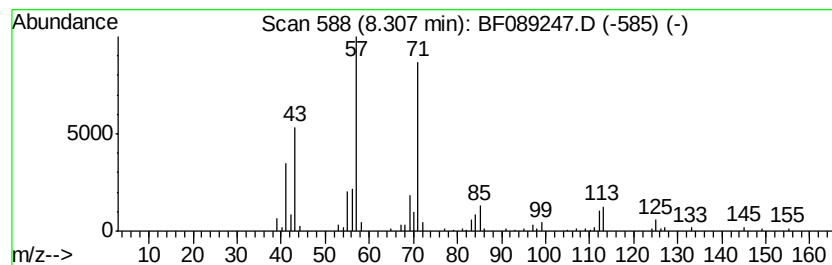
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	5.25 ng	140134	Napthalene-d8	7.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3-methyl-	142 C10H22	005911-04-6	78
2	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	78
3	Sulfurous acid, 2-ethylhexyl non...	320 C17H36O3S	1000309-19-2	72
4	Sulfurous acid, 2-ethylhexyl hep...	432 C25H52O3S	1000309-20-0	72
5	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089247.D
Acq On : 23 Jul 2016 22:26
Operator : UM/SJ
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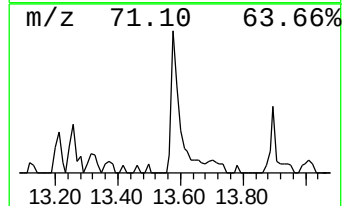
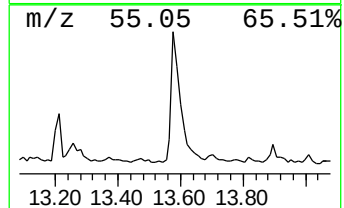
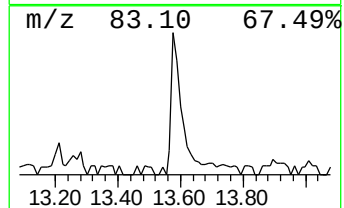
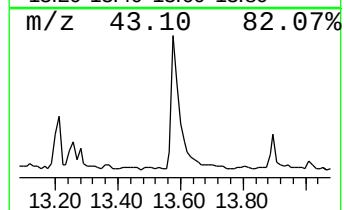
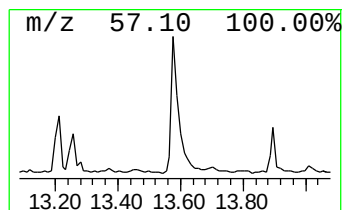
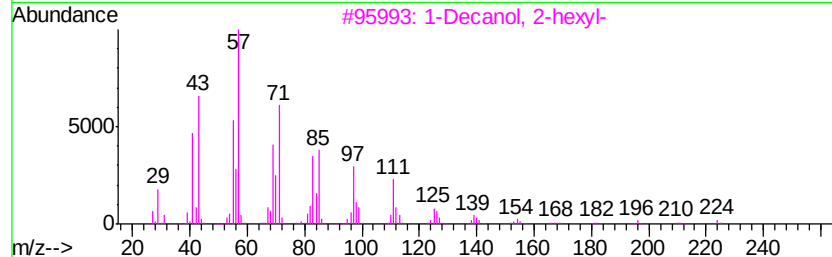
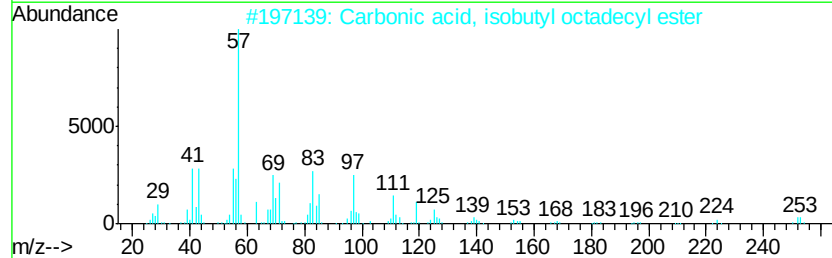
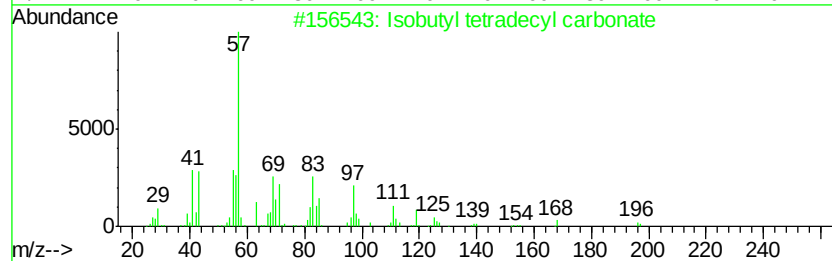
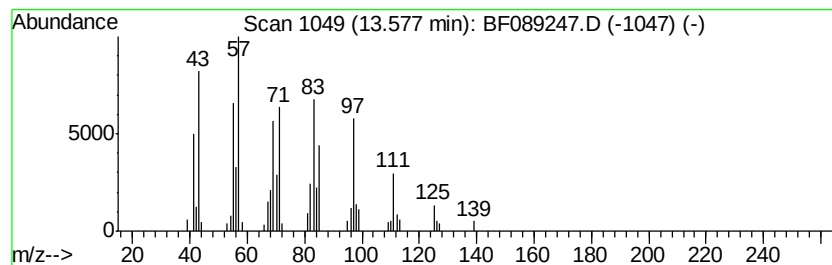
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Isobutyl tetradecyl carbonate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	8.83 ng	144335	Chrysene-d12	13.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	86
2			Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	86
3			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74
4			17-Pentatriacontene	491	C35H70	006971-40-0	74
5			2-Hexyl-1-octanol	214	C14H30O	019780-79-1	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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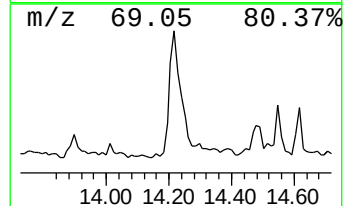
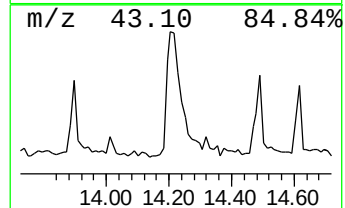
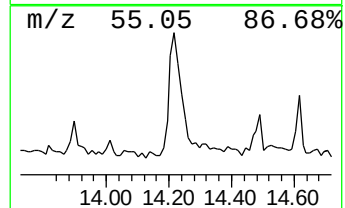
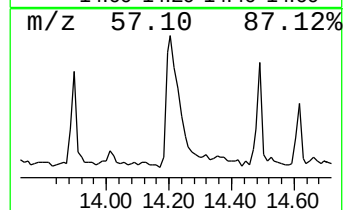
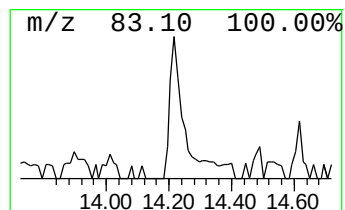
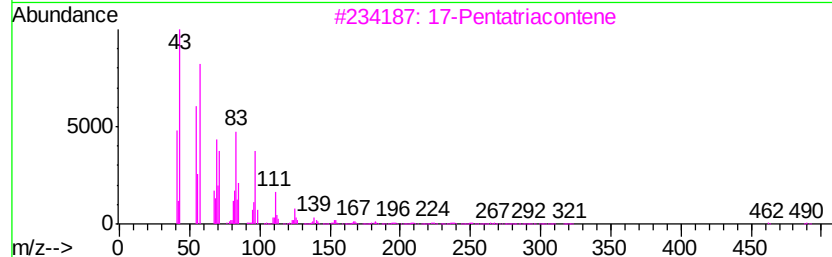
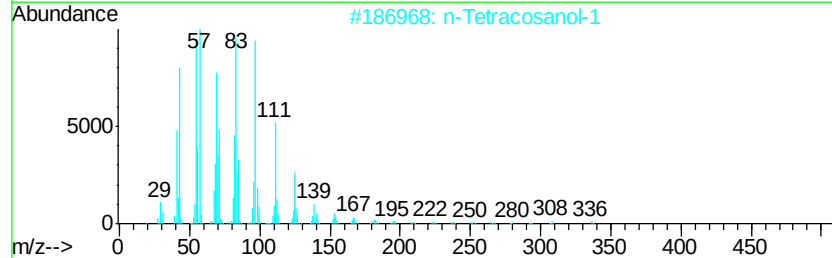
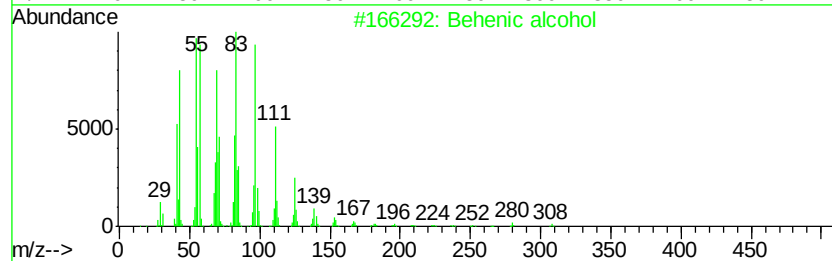
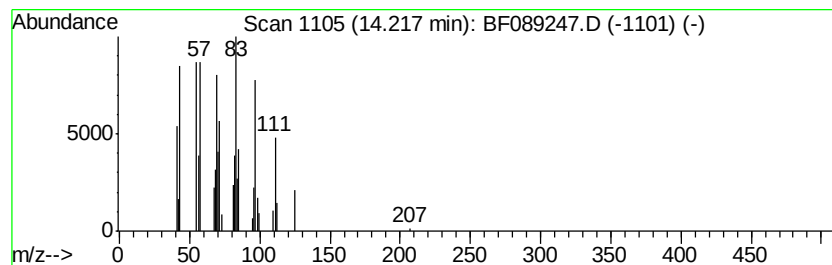
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Behenic alcohol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.22	6.76 ng	110471	Chrysene-d12		13.70
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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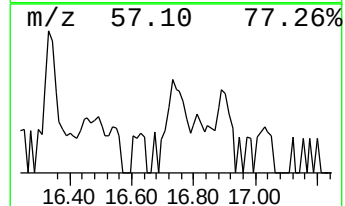
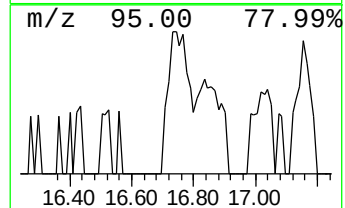
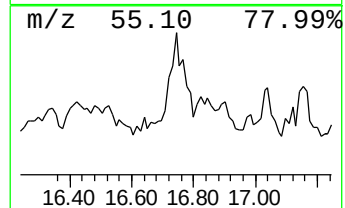
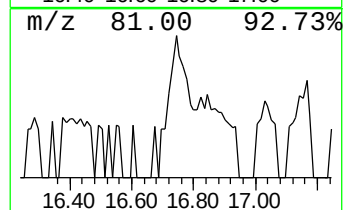
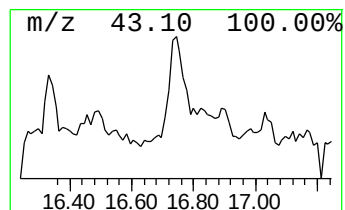
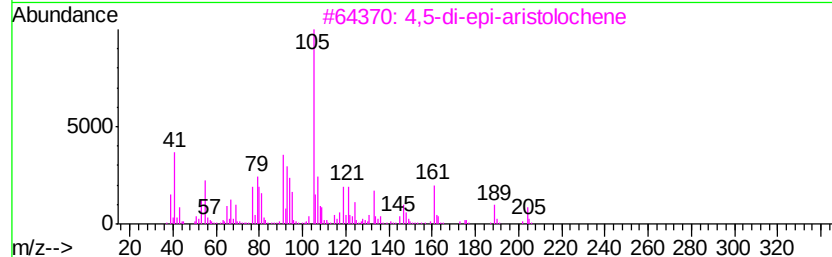
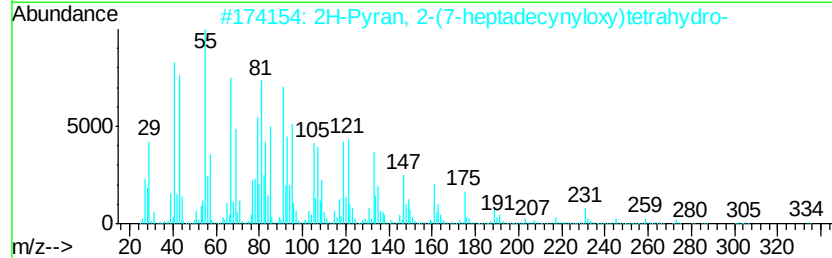
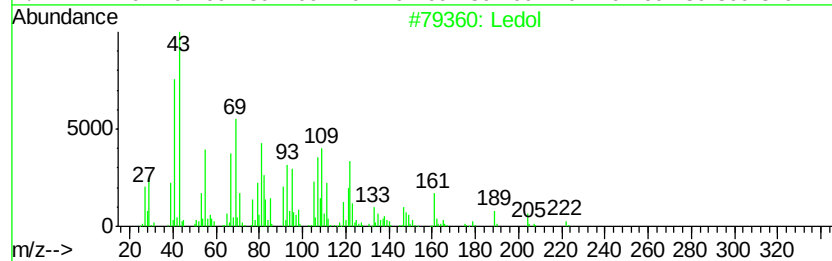
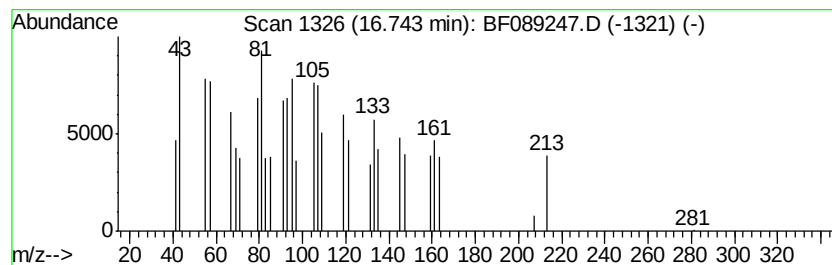
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.74 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	4.84 ng	52811	Perylene-d12	15.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ledol	222	C15H26O	000577-27-5	32
2			2H-Pyran, 2-(7-heptadecynyloxy)t...	336	C22H40O2	056599-50-9	28
3			4,5-di-epi-aristolochene	204	C15H24	1000374-17-1	27
4			Bicyclo[4.3.0]nonane, 7-methylen...	204	C15H24	1000156-11-9	27
5			1,4-Methanocycloocta[d]pyridazin...	204	C13H20N2	1000221-85-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089247.D
 Acq On : 23 Jul 2016 22:26
 Operator : UM/SJ
 Sample : H4129-17
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KMW-04-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.71	7.6	ng	112170	1	6.58	295297	20.0
Benzene, 1,3-dime...	5.10	6.8	ng	100178	1	6.58	295297	20.0
Cyclopentene, 1-m...	5.70	6.6	ng	97565	1	6.58	295297	20.0
Octane, 1,1'-oxybis-	5.82	9.3	ng	136999	1	6.58	295297	20.0
Benzene, propyl-	6.02	10.2	ng	150790	1	6.58	295297	20.0
unknown6.09	6.09	7.1	ng	104804	1	6.58	295297	20.0
Cyclohexane, 1,4-...	6.31	5.3	ng	78558	1	6.58	295297	20.0
unknown6.34	6.34	80.4	ng	1187620	1	6.58	295297	20.0
Benzene, 1,2,3-tr...	6.40	10.6	ng	157159	1	6.58	295297	20.0
Benzene, 1,3-diet...	6.83	10.2	ng	151167	1	6.58	295297	20.0
Benzene, 1,4-diet...	6.90	7.5	ng	110517	1	6.58	295297	20.0
Naphthalene, deca...	6.97	4.6	ng	67471	1	6.58	295297	20.0
Benzene, 2-etheny...	7.60	5.1	ng	136958	2	7.86	534174	20.0
Nonane, 3-methyl-	8.31	5.3	ng	140134	2	7.86	534174	20.0
Isobutyl tetradec...	13.58	8.8	ng	144335	5	13.70	326891	20.0
Behenic alcohol	14.22	6.8	ng	110471	5	13.70	326891	20.0
unknown16.74	16.74	4.8	ng	52811	6	15.04	218031	20.0