

Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
 Data File : BF094607.D
 Acq On : 25 Apr 2017 16:14
 Operator : SJ/MA
 Sample : I2821-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB426B

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-BF041717.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	3.913	332	336	347	rBV	309909	400877	9.68%	0.913%
2	4.307	398	403	421	rBV	3147352	3461666	83.62%	7.880%
3	5.384	581	586	589	rBV	3083779	3498605	84.51%	7.965%
4	5.507	602	607	610	rBV	3548825	3595718	86.86%	8.186%
5	5.754	645	649	653	rBV	736795	700562	16.92%	1.595%
6	5.831	658	662	665	rBV4	30038	49662	1.20%	0.113%
7	5.931	671	679	682	rBV	2970269	2906544	70.21%	6.617%
8	6.019	689	694	697	rBV6	24396	50246	1.21%	0.114%
9	6.060	697	701	703	rBV	71387	78102	1.89%	0.178%
10	6.078	703	704	707	rVB	86105	66100	1.60%	0.150%
11	6.166	715	719	721	rBV	88497	93573	2.26%	0.213%
12	6.201	721	725	728	rVB2	75035	86639	2.09%	0.197%
13	6.243	728	732	734	rBV3	72104	84036	2.03%	0.191%
14	6.272	734	737	742	rVV3	70344	84859	2.05%	0.193%
15	6.360	746	752	754	rBV3	76017	110825	2.68%	0.252%
16	6.407	754	760	762	rVB	2107307	2239009	54.09%	5.097%
17	6.507	775	777	781	rVB4	50865	51313	1.24%	0.117%
18	6.566	784	787	790	rBV4	56767	94504	2.28%	0.215%
19	6.643	798	800	805	rVB3	96959	129799	3.14%	0.295%
20	6.684	805	807	813	rBV4	155371	207639	5.02%	0.473%
21	6.760	817	820	823	rVV2	158672	154409	3.73%	0.352%
22	6.819	827	830	836	rVB4	235300	299020	7.22%	0.681%
23	6.931	842	849	851	rBV5	66930	120107	2.90%	0.273%
24	6.978	854	857	862	rBV2	147204	174413	4.21%	0.397%
25	7.060	868	871	875	rVB5	35041	45623	1.10%	0.104%
26	7.119	878	881	882	rBV2	58877	60622	1.46%	0.138%
27	7.142	882	885	888	rVV2	108346	107619	2.60%	0.245%
28	7.172	888	890	893	rVB2	99790	82725	2.00%	0.188%
29	7.201	893	895	897	rBV2	64055	64995	1.57%	0.148%
30	7.248	897	903	905	rBV	1063594	1196370	28.90%	2.724%
31	7.272	905	907	909	rVB	310456	250317	6.05%	0.570%
32	7.301	909	912	917	rBV5	131415	181055	4.37%	0.412%
33	7.348	917	920	921	rBV	55498	53823	1.30%	0.123%
34	7.372	921	924	927	rBV	145382	157714	3.81%	0.359%

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35	7.460	936	939	941	rVB2	81021	79616	1.92%	0.181%
36	7.490	941	944	946	rBV2	101480	115617	2.79%	0.263%
37	7.513	946	948	953	rVB2	375685	363434	8.78%	0.827%
38	7.560	953	956	958	rBV2	106671	116379	2.81%	0.265%
39	7.584	958	960	961	rVV2	127280	102166	2.47%	0.233%
40	7.607	961	964	966	rVV	199442	222324	5.37%	0.506%
41	7.654	970	972	974	rVV3	50026	52120	1.26%	0.119%
42	7.678	974	976	978	rVV3	70588	60517	1.46%	0.138%
43	7.707	978	981	985	rVV4	148434	188356	4.55%	0.429%
44	7.742	985	987	991	rVB3	93869	95821	2.31%	0.218%
45	7.807	991	998	1005	rBV3	659143	980004	23.67%	2.231%
46	7.866	1005	1008	1012	rVB5	228024	272343	6.58%	0.620%
47	7.907	1012	1015	1016	rBV2	96133	109777	2.65%	0.250%
48	7.925	1016	1018	1022	rVB	368300	367660	8.88%	0.837%
49	7.995	1028	1030	1032	rBV2	154499	180705	4.37%	0.411%
50	8.019	1032	1034	1037	rVV4	170107	200839	4.85%	0.457%
51	8.072	1040	1043	1046	rVV3	163863	191572	4.63%	0.436%
52	8.213	1065	1067	1069	rBV3	125760	132056	3.19%	0.301%
53	8.260	1072	1075	1081	rBV5	169875	220066	5.32%	0.501%
54	8.454	1106	1108	1111	rBV2	262219	246178	5.95%	0.560%
55	8.489	1111	1114	1117	rVB5	115588	126021	3.04%	0.287%
56	8.519	1117	1119	1121	rBV3	98347	79301	1.92%	0.181%
57	8.572	1121	1128	1131	rBV	3405333	4139668	100.00%	9.424%
58	8.660	1140	1143	1145	rBV	407410	379024	9.16%	0.863%
59	8.684	1145	1147	1150	rVB	267476	243259	5.88%	0.554%
60	8.984	1195	1198	1200	rBV2	173881	196353	4.74%	0.447%
61	9.036	1203	1207	1209	rVV	573607	559732	13.52%	1.274%
62	9.072	1210	1213	1215	rVV	314908	294958	7.13%	0.671%
63	9.113	1217	1220	1222	rVB	545473	542291	13.10%	1.235%
64	9.178	1229	1231	1234	rVB3	213584	187569	4.53%	0.427%
65	9.225	1236	1239	1243	rVV4	336269	459220	11.09%	1.045%
66	9.284	1243	1249	1252	rVB2	610513	938170	22.66%	2.136%
67	9.383	1260	1266	1271	rBV3	1020761	1670516	40.35%	3.803%
68	9.448	1275	1277	1280	rVB2	223887	198839	4.80%	0.453%
69	9.895	1350	1353	1355	rBV2	302561	295481	7.14%	0.673%
70	10.260	1412	1415	1421	rVB	478245	533651	12.89%	1.215%
71	10.366	1428	1433	1438	rBV	1382882	1765939	42.66%	4.020%

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72	10.589	1467	1471	1474	rVB	754509	799500	19.31%	1.820%
73	10.772	1500	1502	1505	rVB	251346	213560	5.16%	0.486%
74	11.160	1565	1568	1571	rVB	391124	415449	10.04%	0.946%
75	11.207	1573	1576	1579	rVB	696128	648043	15.65%	1.475%
76	11.948	1700	1702	1706	rBV3	174932	188050	4.54%	0.428%
77	12.919	1864	1867	1873	rBV3	132099	182312	4.40%	0.415%
78	12.966	1873	1875	1879	rVB	149894	159312	3.85%	0.363%
79	13.183	1907	1912	1916	rVB	2097997	2301226	55.59%	5.239%
80	14.454	2124	2128	2132	rBV	596538	671394	16.22%	1.528%
81	16.089	2404	2406	2412	rVB	448089	501959	12.13%	1.143%

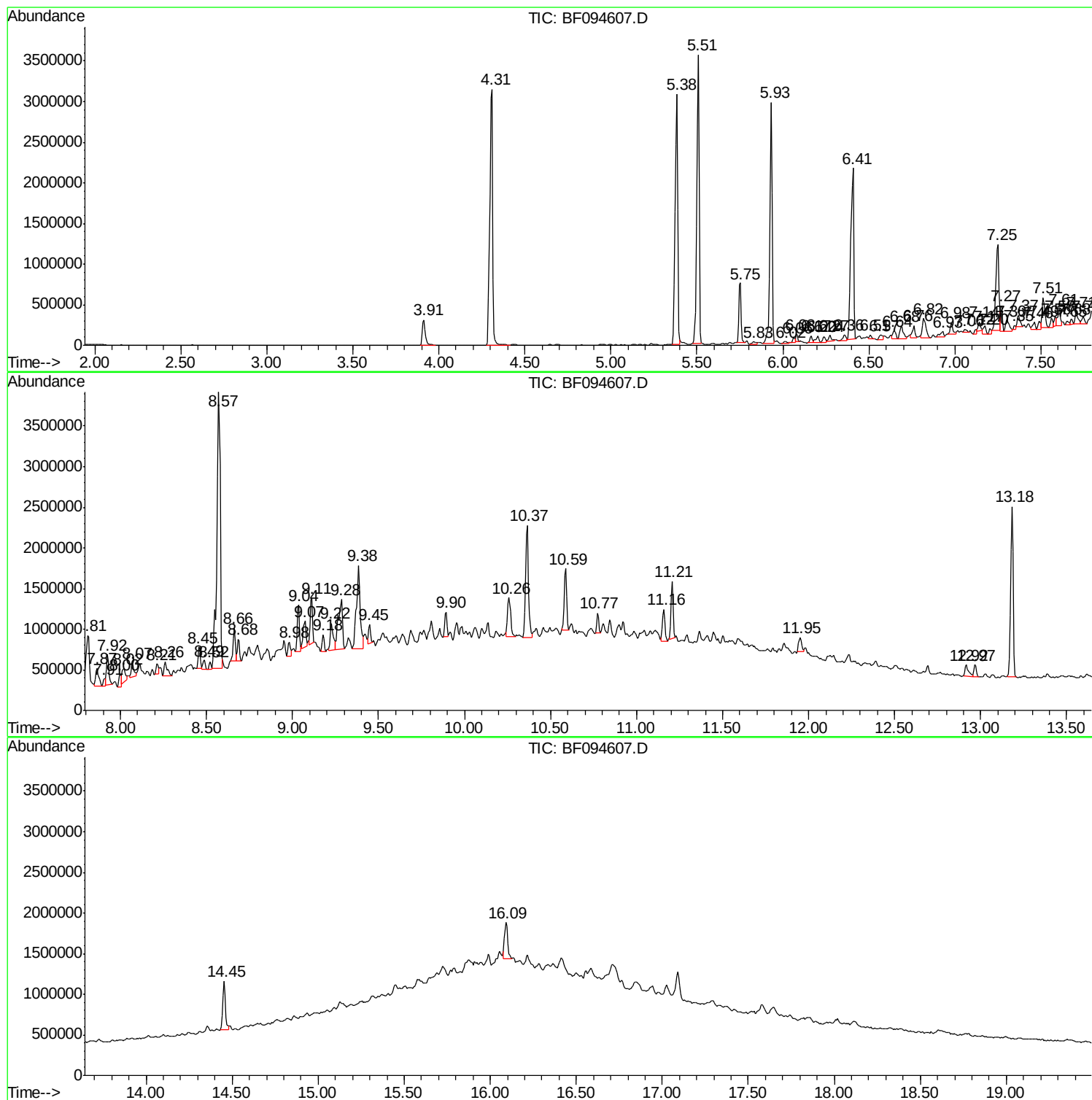
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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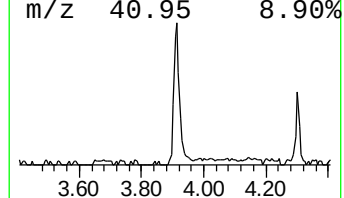
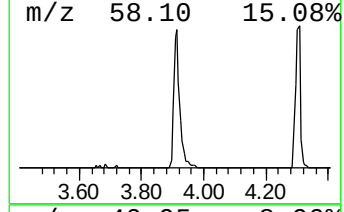
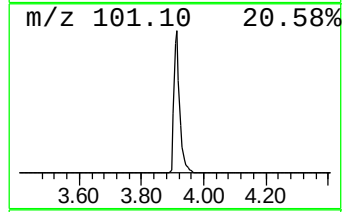
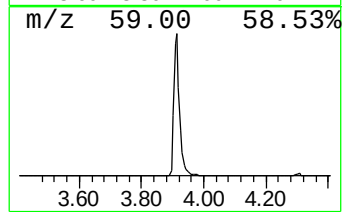
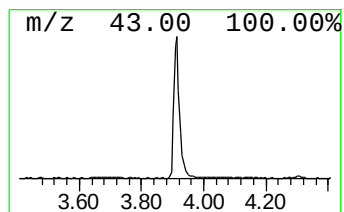
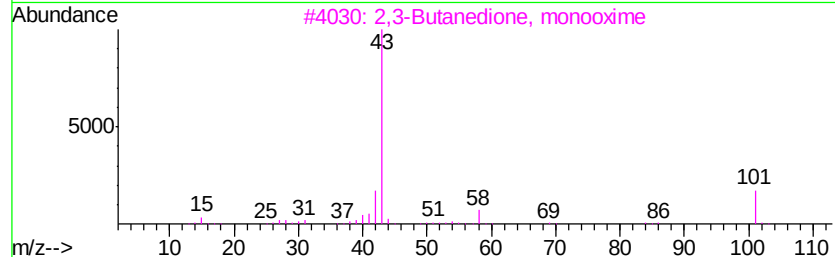
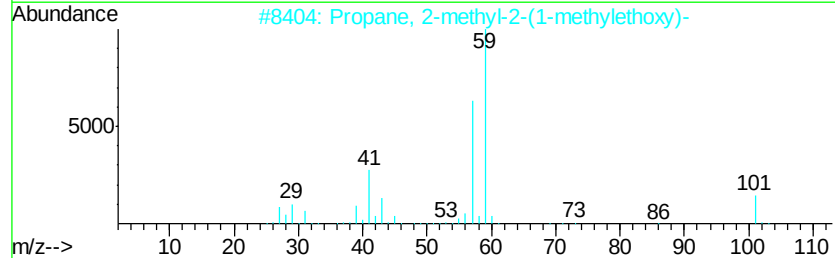
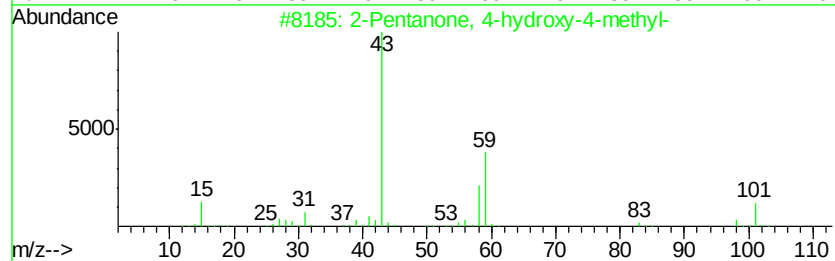
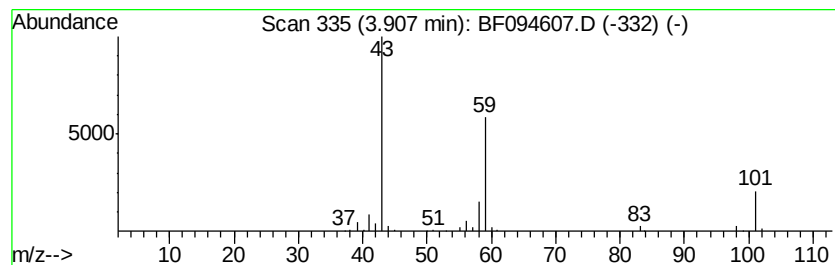
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	11.44 ng	400877	1,4-Dichlorobenzene-d4	5.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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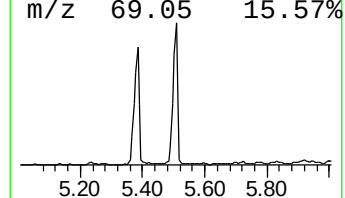
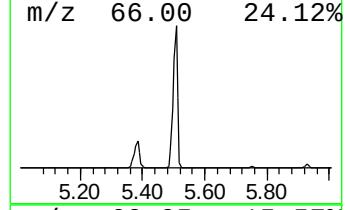
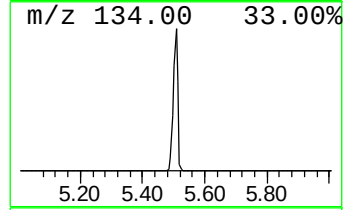
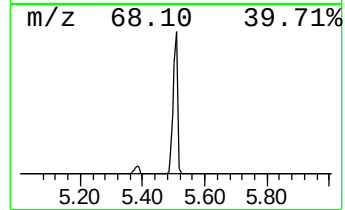
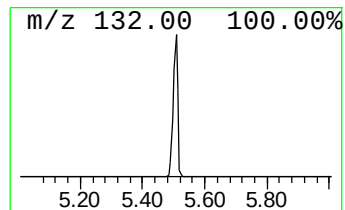
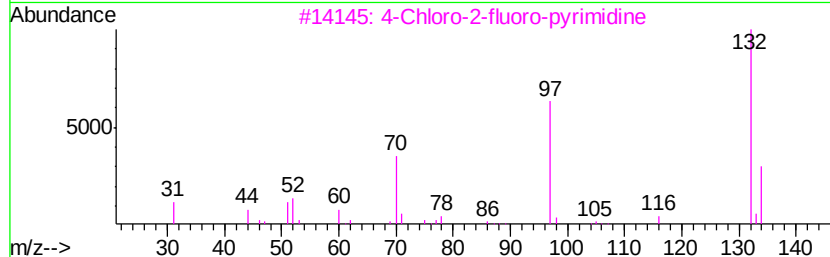
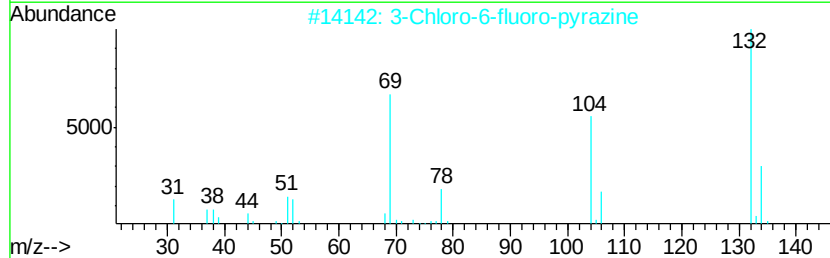
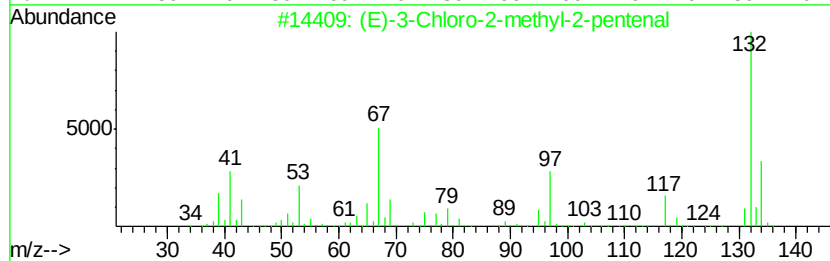
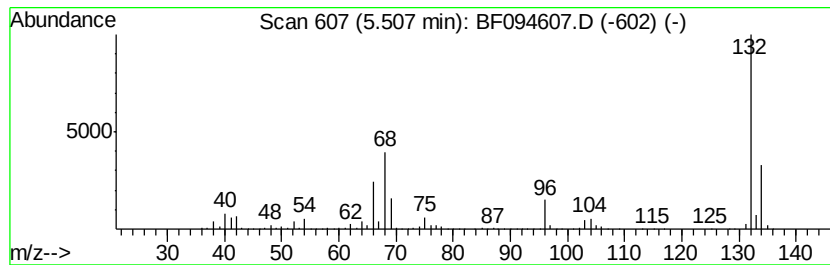
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	102.65 ng	3595720	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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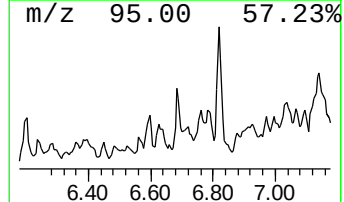
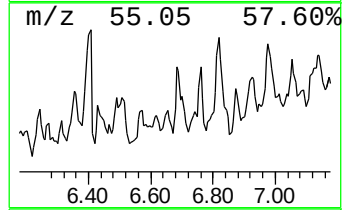
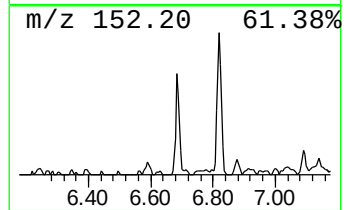
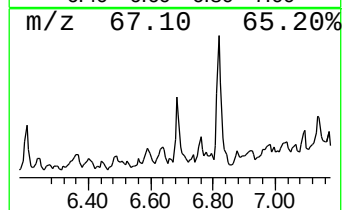
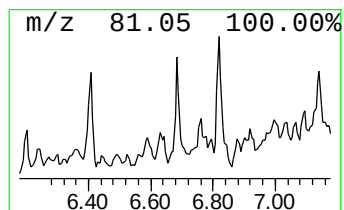
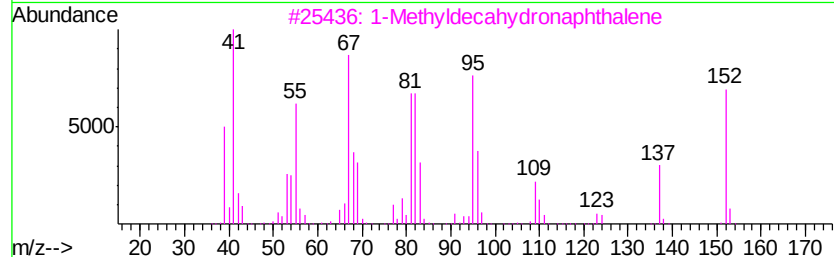
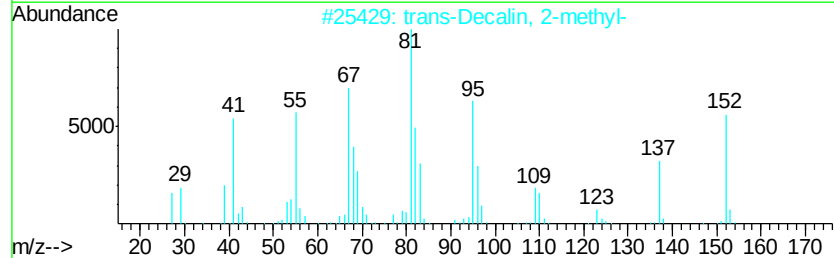
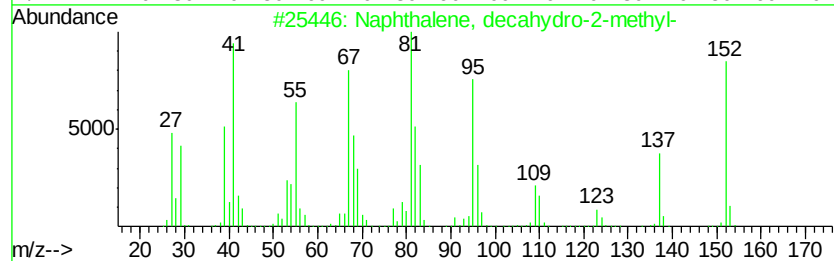
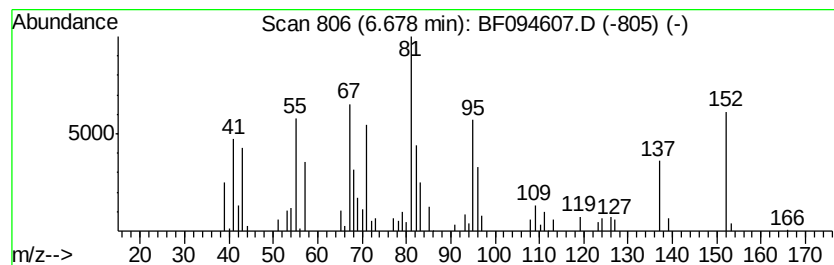
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	3.47 ng	207639	Naphthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	78
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	64
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	52
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	52



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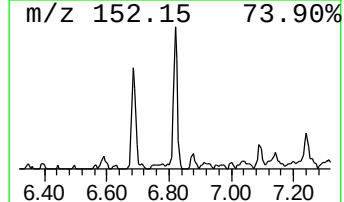
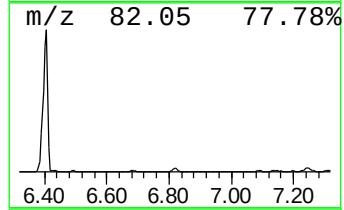
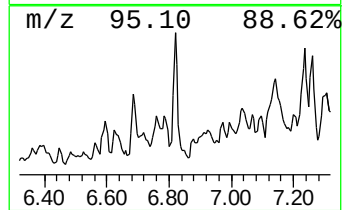
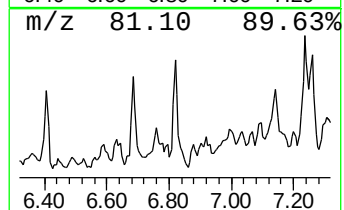
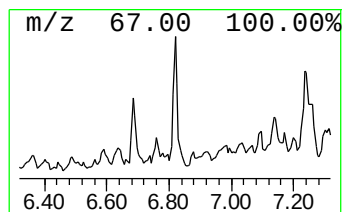
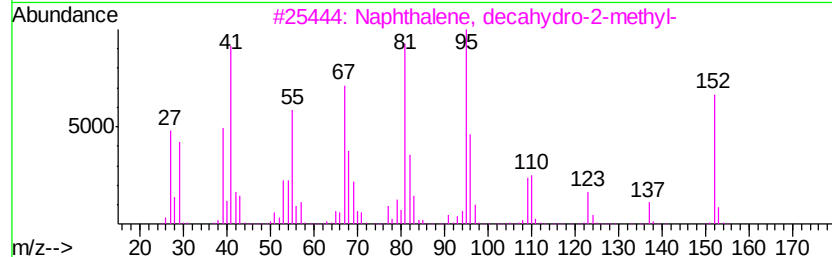
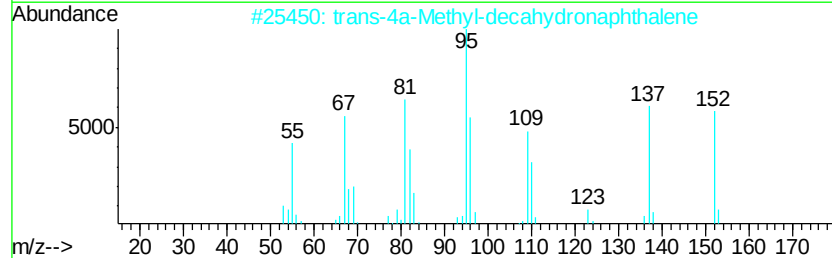
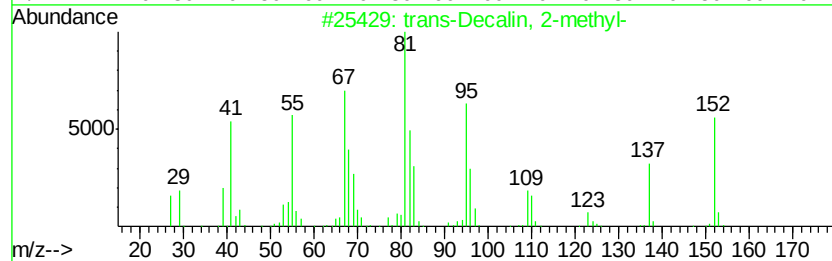
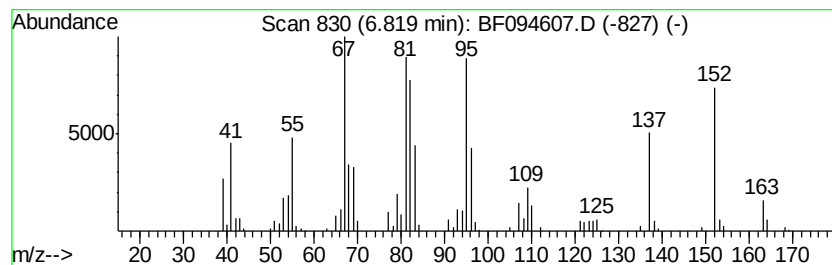
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	5.00 ng	299020	Naphthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	72
2		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
4		4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	55
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	53



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
Data File : BF094607.D
Acq On : 25 Apr 2017 16:14
Operator : SJ/MA
Sample : I2821-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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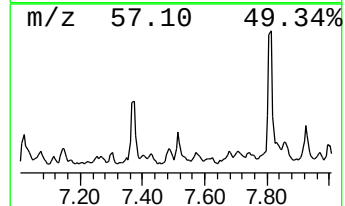
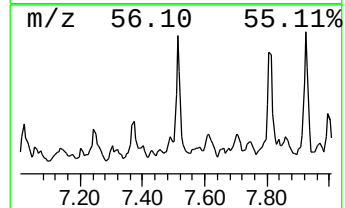
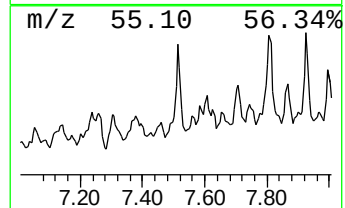
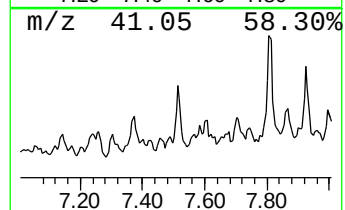
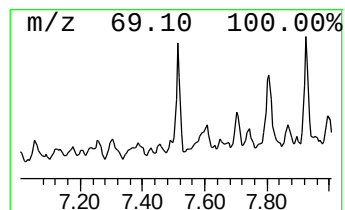
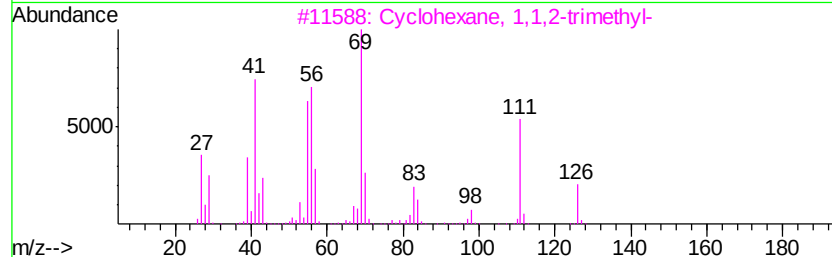
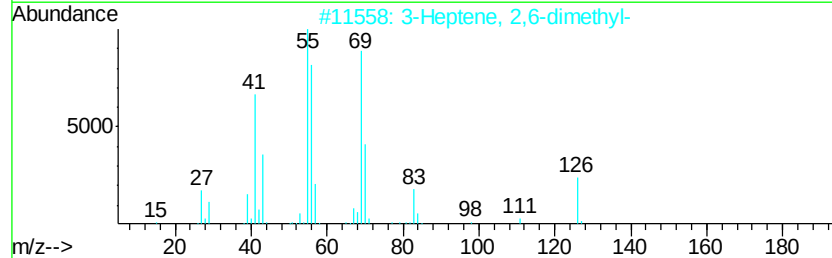
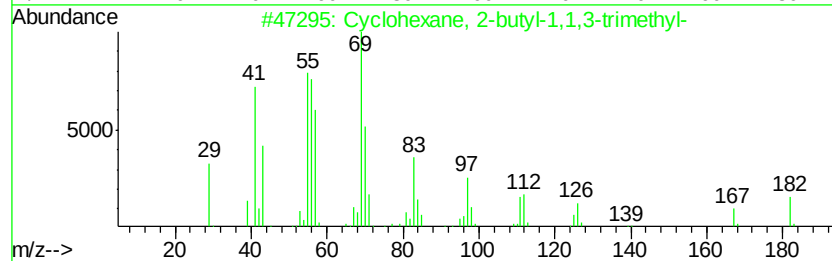
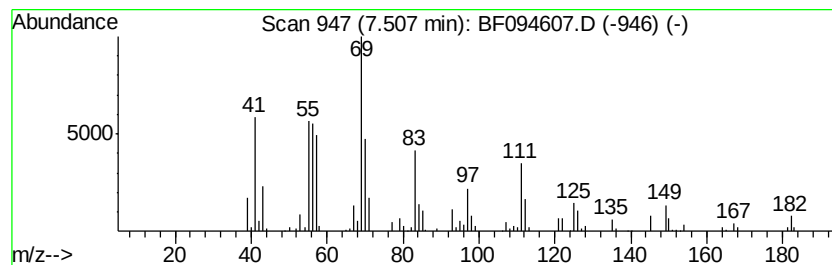
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	6.08 ng	363434	Napthalene-d8	7.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	78
2			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	52
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
4			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	007667-55-2	46
5			3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	46



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
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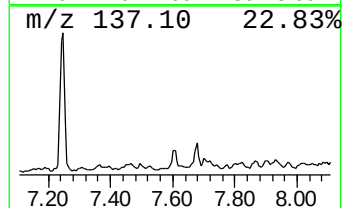
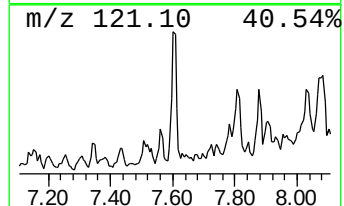
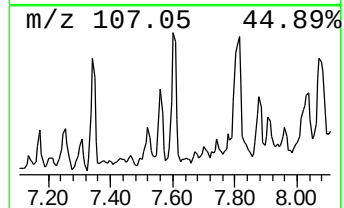
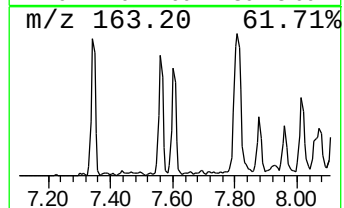
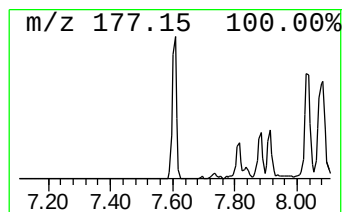
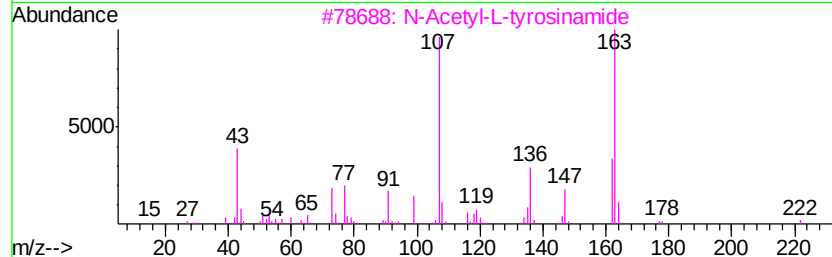
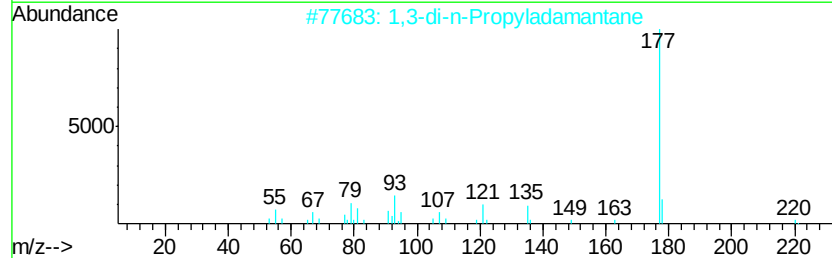
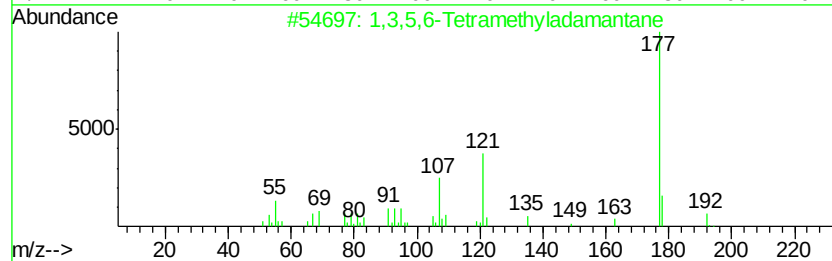
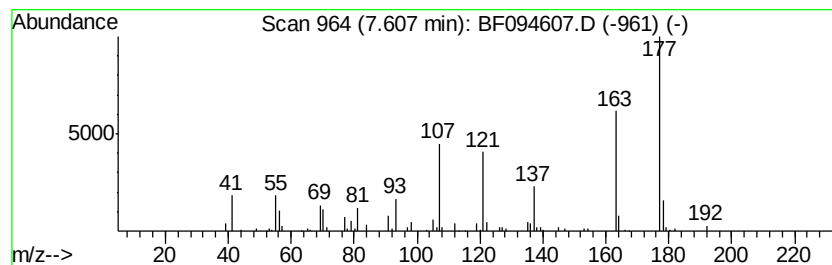
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.61 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.72 ng	222324	Naphthalene-d8	7.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5,6-Tetramethyladamantane	192	C14H24	034694-70-7	37
2			1,3-di-n-Propyladamantane	220	C16H28	040002-47-9	32
3			N-Acetyl-L-tyrosinamide	222	C11H14N2O3	001948-71-6	27
4			1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	25
5			Methyl p-chlorophenylethynyl ketone	178	C10H7ClO	039180-26-2	14



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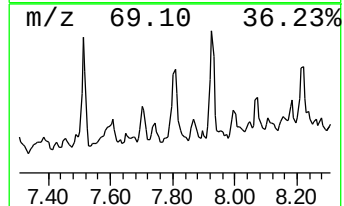
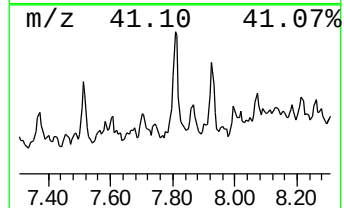
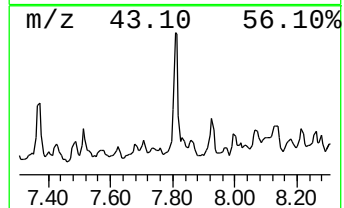
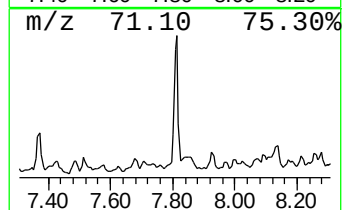
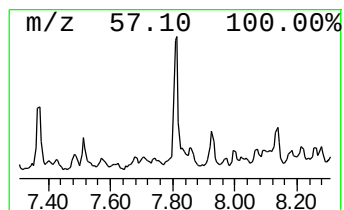
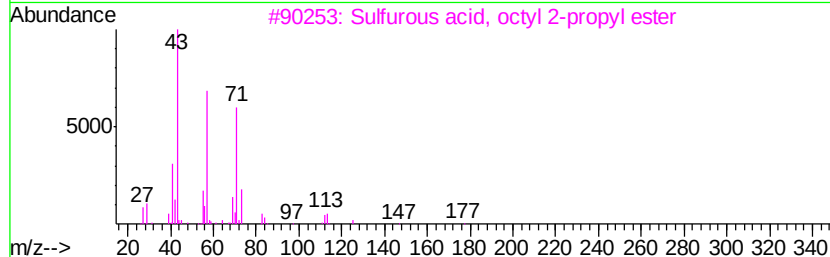
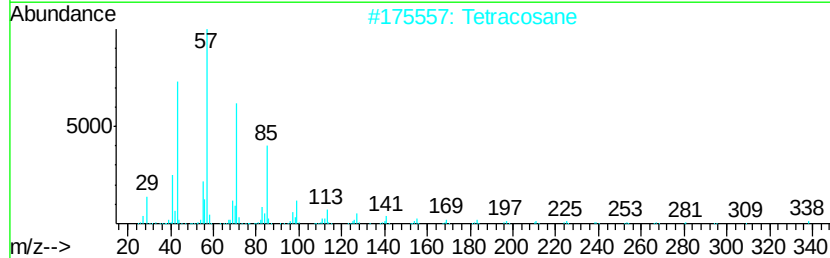
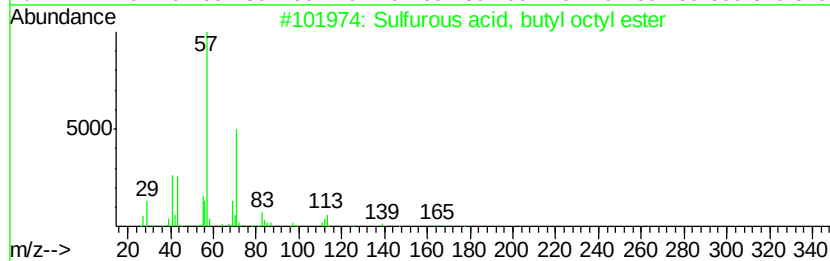
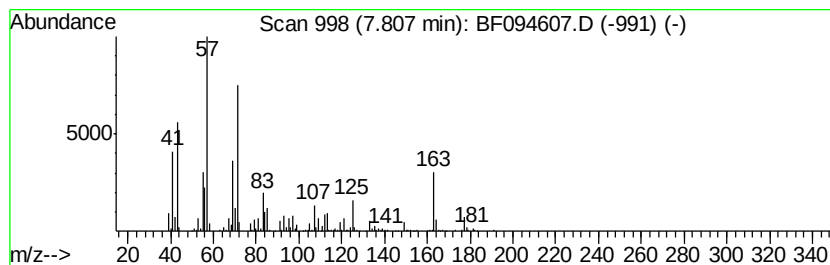
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, butyl octyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	16.38 ng	980004	Naphthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50
2		Tetracosane	338	C24H50	000646-31-1	47
3		Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	43
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
5		Phenmetrazine	177	C11H15NO	000134-49-6	38



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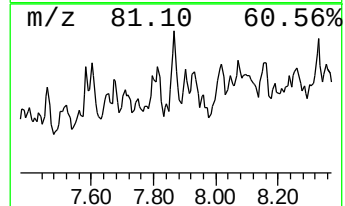
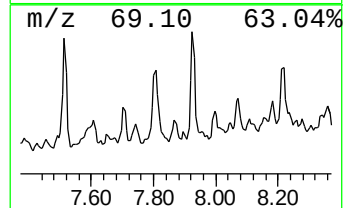
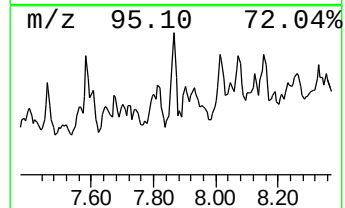
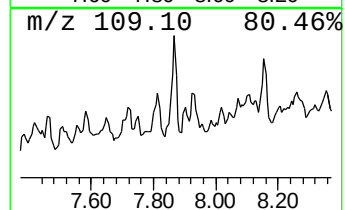
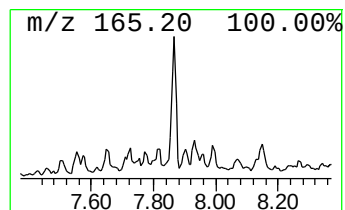
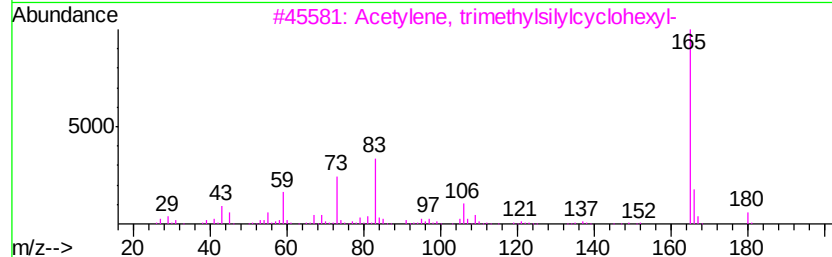
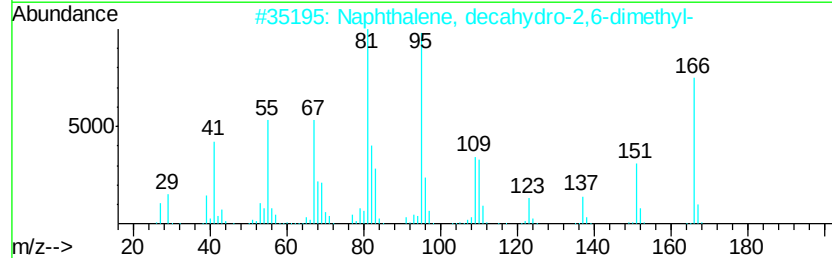
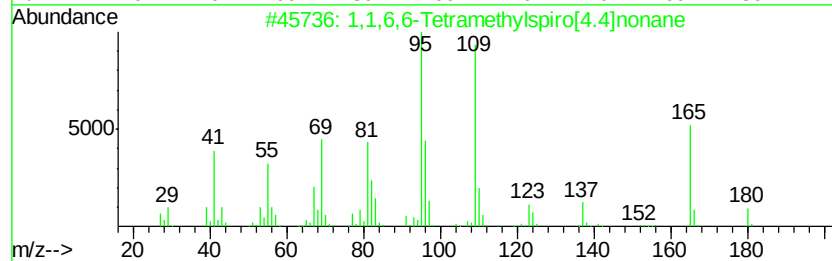
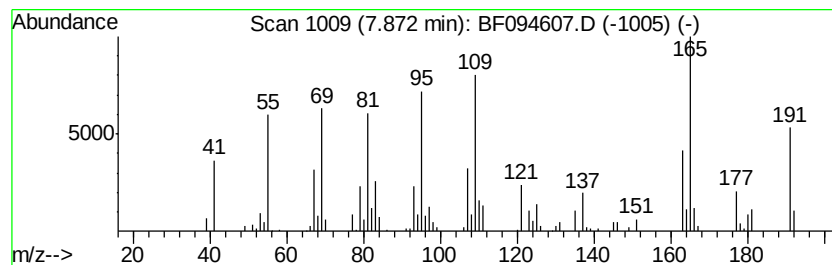
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown7.87 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	4.55 ng	272343	Naphthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	49
2		Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	38
3		Acetylene, trimethylsilylcyclohe...	180	C11H20Si	066270-60-8	35
4		Silane, ethoxydimethylphenyl-	180	C10H16OSi	001825-58-7	30
5		Bicyclo[2.2.1]heptane, 2-hexyl-	180	C13H24	061141-60-4	30



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
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Misc :
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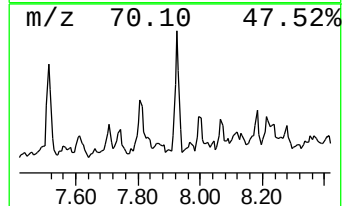
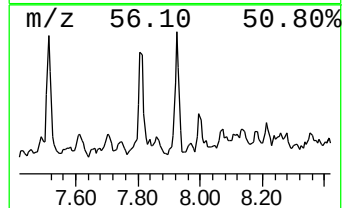
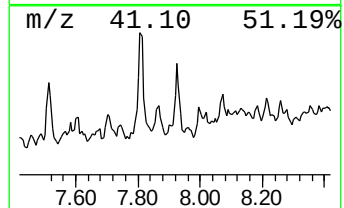
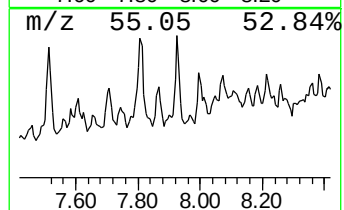
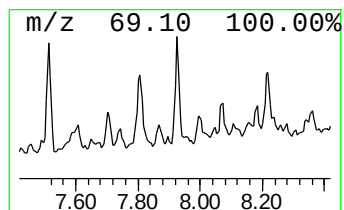
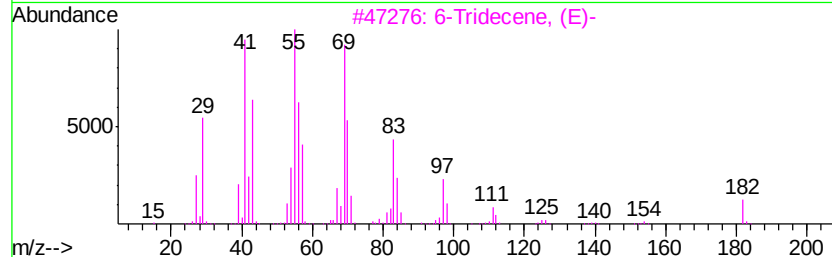
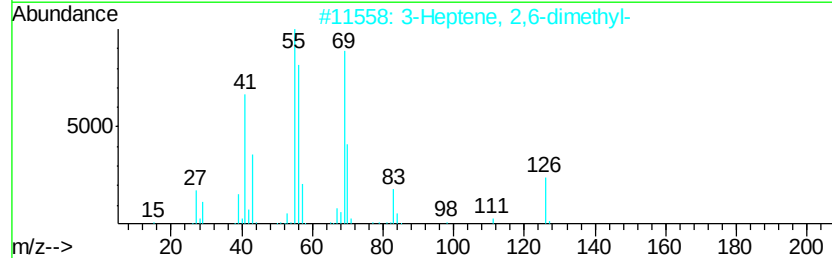
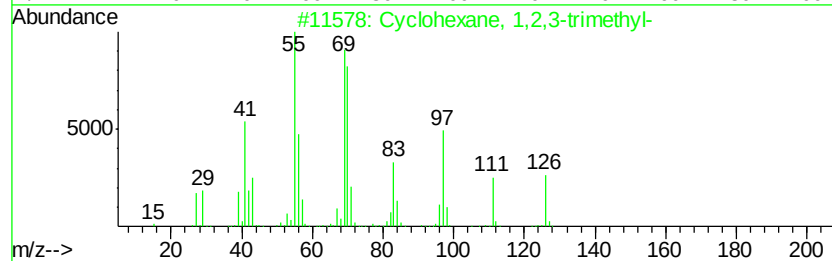
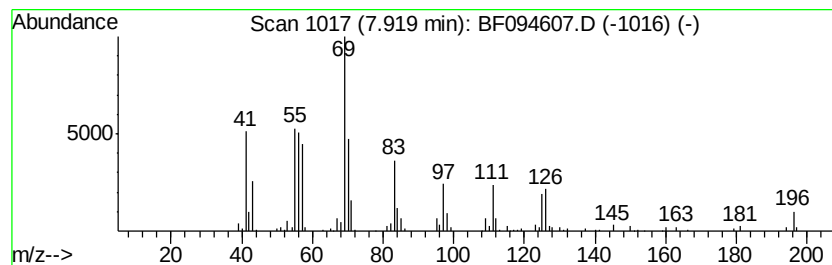
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	6.15 ng	367660	Napthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	64
2		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58
3		6-Tridecene, (E)-	182	C13H26	006434-76-0	58
4		2-Dodecene, (E)-	168	C12H24	007206-13-5	50
5		4-Tetradecene, (E)-	196	C14H28	041446-78-0	50



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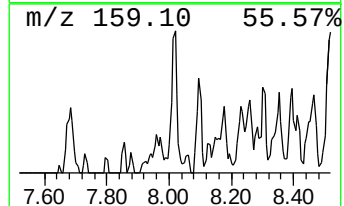
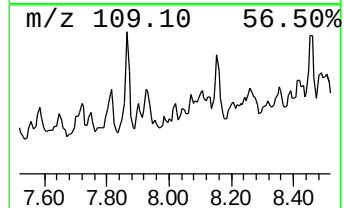
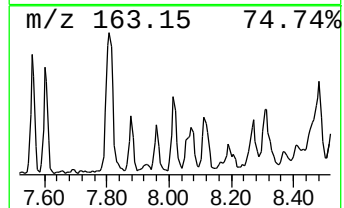
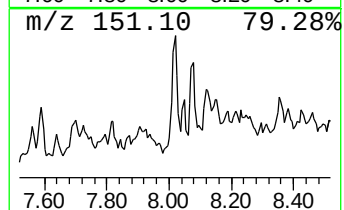
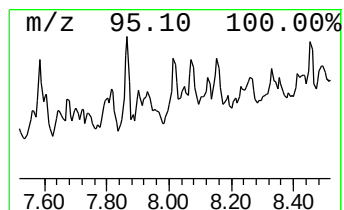
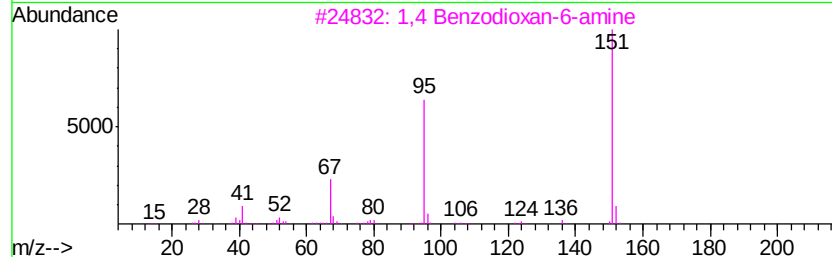
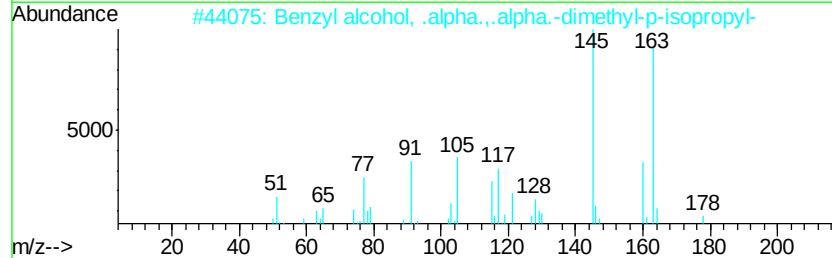
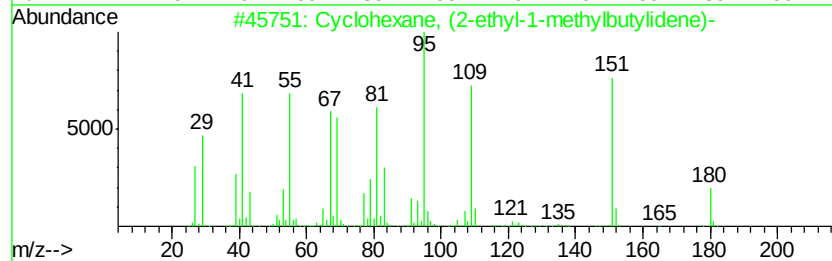
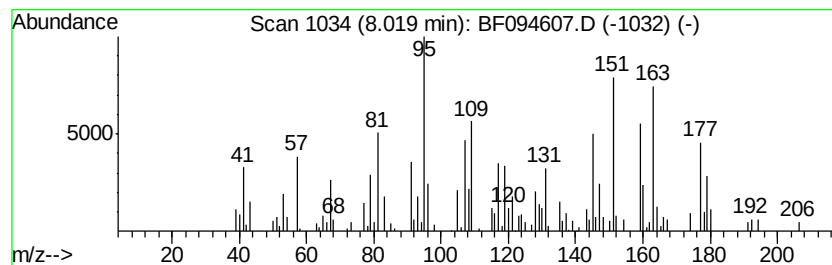
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	3.36 ng	200839	Napthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	22
2		Benzyl alcohol, .alpha.,.alpha.-...	178	C12H18O	003445-42-9	20
3		1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	18
4		1,2-Benzisothiazole, 3-ethoxy-	179	C9H9NOS	034263-64-4	11
5		Phenoxyacetamide	151	C8H9NO2	000621-88-5	11



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042517\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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...	3.91	11.4	ng	400877	1	5.75	700562	20.0
unknown5.51	5.51	102.7	ng	3595720	1	5.75	700562	20.0
Naphthalene, deca...	6.68	3.5	ng	207639	2	7.25	1196370	20.0
trans-Decalin, 2-...	6.82	5.0	ng	299020	2	7.25	1196370	20.0
Cyclohexane, 2-bu...	7.51	6.1	ng	363434	2	7.25	1196370	20.0
unknown7.61	7.61	3.7	ng	222324	2	7.25	1196370	20.0
Sulfurous acid, b...	7.81	16.4	ng	980004	2	7.25	1196370	20.0
unknown7.87	7.87	4.5	ng	272343	2	7.25	1196370	20.0
Cyclohexane, 1,2,...	7.92	6.2	ng	367660	2	7.25	1196370	20.0
unknown8.02	8.02	3.4	ng	200839	2	7.25	1196370	20.0