

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084415.D
 Acq On : 12 Jan 2016 17:36
 Operator : SJ/UM
 Sample : H1060-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-DRUM

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-BF123115.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	5.013	254	256	261	rVB	650858	707269	8.91%	1.170%
2	5.447	291	294	296	rBV	4535071	3982574	50.15%	6.589%
3	5.779	321	323	327	rBV	360528	318172	4.01%	0.526%
4	5.847	327	329	331	rVB2	91867	97414	1.23%	0.161%
5	6.362	373	374	377	rVB2	59797	93700	1.18%	0.155%
6	6.476	382	384	386	rVV	2414729	2298879	28.95%	3.803%
7	6.613	393	396	398	rBV	7091324	6521376	82.12%	10.789%
8	6.842	414	416	418	rBV	2058940	1709157	21.52%	2.828%
9	7.002	427	430	432	rVB	6388614	6207271	78.17%	10.269%
10	7.184	444	446	449	rVB	101679	93352	1.18%	0.154%
11	7.242	449	451	452	rBV	134135	168790	2.13%	0.279%
12	7.413	463	466	468	rBV	4062711	5368285	67.60%	8.881%
13	7.493	471	473	474	rVB	156102	181224	2.28%	0.300%
14	7.539	474	477	478	rBV	142803	170932	2.15%	0.283%
15	7.619	480	484	486	rVB3	132415	236337	2.98%	0.391%
16	7.779	495	498	500	rBV3	276375	367748	4.63%	0.608%
17	7.870	503	506	507	rVV2	84688	115063	1.45%	0.190%
18	8.122	526	528	531	rBV	1638748	2351544	29.61%	3.890%
19	8.259	538	540	541	rVB2	177640	190574	2.40%	0.315%
20	8.316	543	545	549	rVB4	59329	120089	1.51%	0.199%
21	8.419	552	554	556	rBV2	89612	153611	1.93%	0.254%
22	8.590	565	569	573	rBV7	35578	118881	1.50%	0.197%
23	8.750	579	583	587	rBV4	107229	256892	3.23%	0.425%
24	8.819	587	589	593	rVB4	180598	216326	2.72%	0.358%
25	8.910	595	597	606	rBV5	106332	238142	3.00%	0.394%
26	9.025	606	607	610	rBV3	53550	110602	1.39%	0.183%
27	9.150	616	618	620	rBV2	53846	98502	1.24%	0.163%
28	9.207	620	623	625	rBV	8538495	7941225	100.00%	13.138%
29	9.596	655	657	661	rBV	123582	205195	2.58%	0.339%
30	9.813	675	676	679	rVB2	73089	111904	1.41%	0.185%
31	9.882	679	682	684	rBV	2835446	2449297	30.84%	4.052%
32	10.316	717	720	722	rVB2	139060	156806	1.97%	0.259%
33	10.533	733	739	742	rBV5	39588	129553	1.63%	0.214%
34	10.671	748	751	754	rBV	4649485	4915278	61.90%	8.132%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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35	10.796	759	762	766	rVB	99963	159634	2.01%	0.264%
36	11.368	809	812	814	rBV	2517677	2291581	28.86%	3.791%
37	12.956	948	951	953	rBV	7060802	6712320	84.52%	11.105%
38	13.997	1040	1042	1045	rBV	1436234	1603556	20.19%	2.653%
39	15.425	1164	1167	1170	rBV	1050561	1276808	16.08%	2.112%

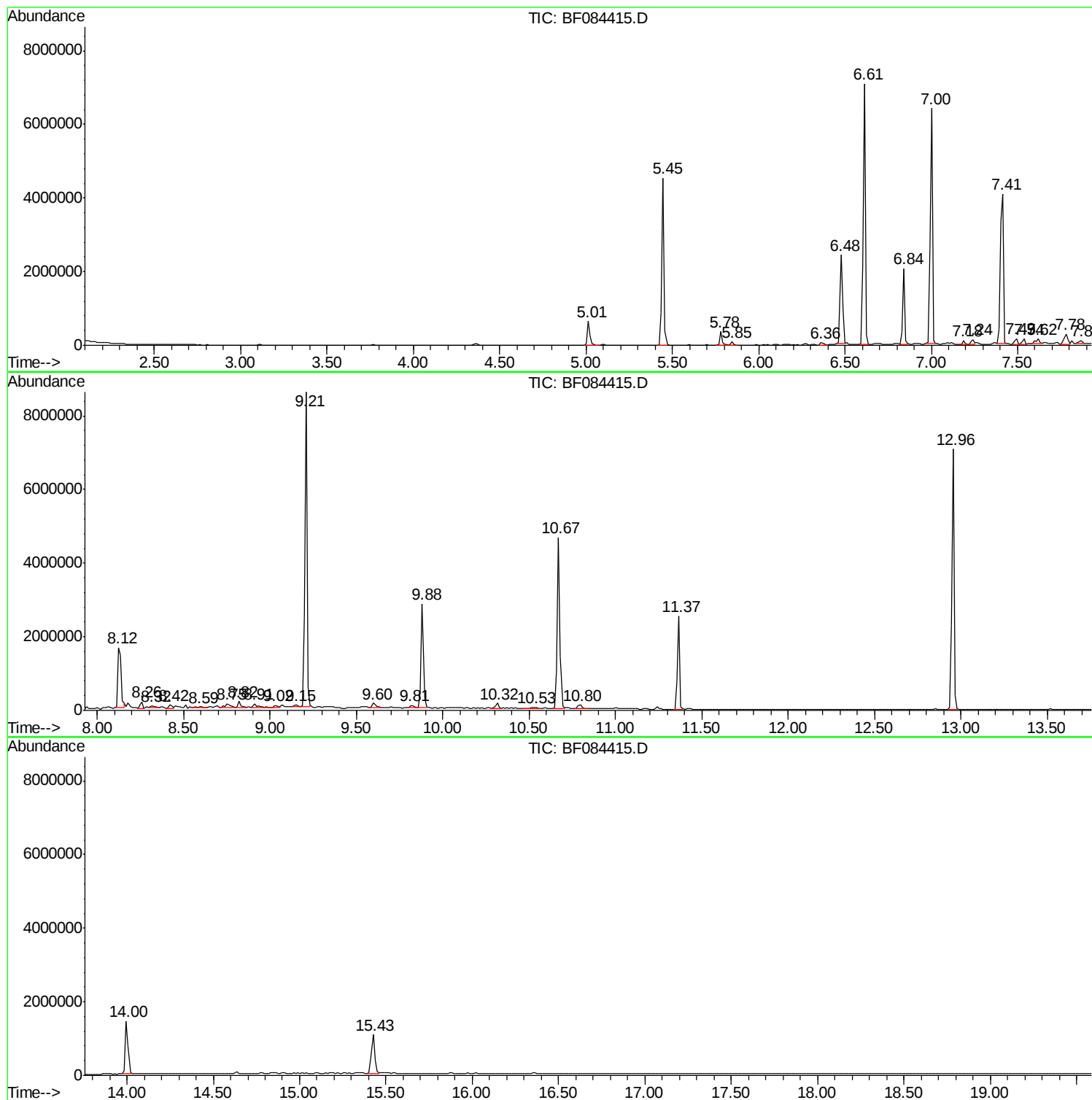
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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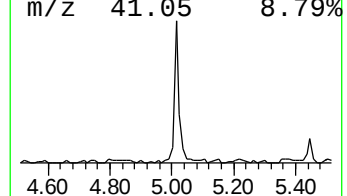
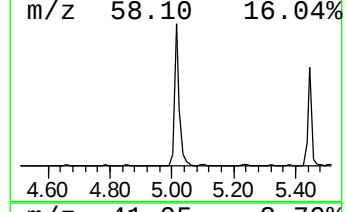
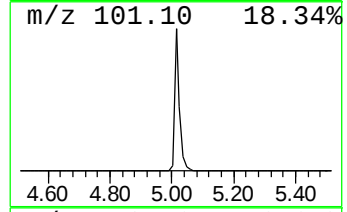
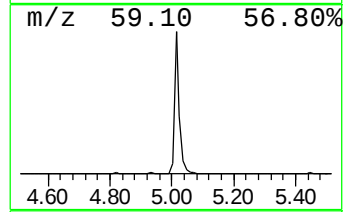
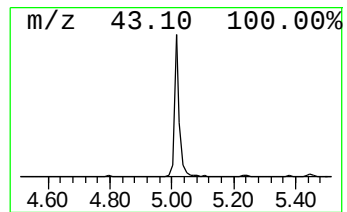
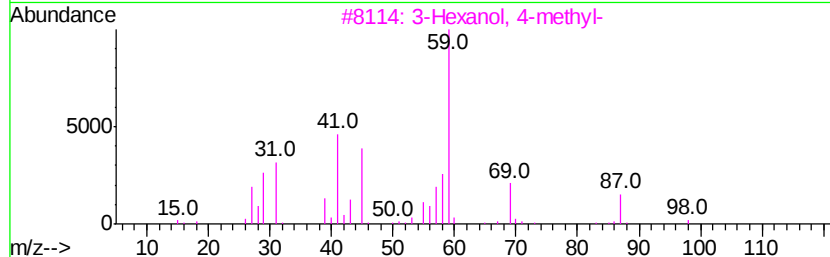
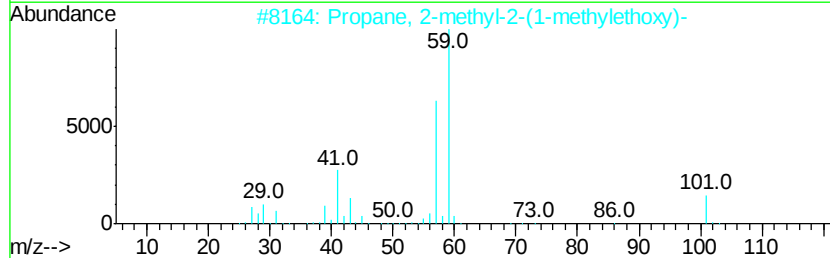
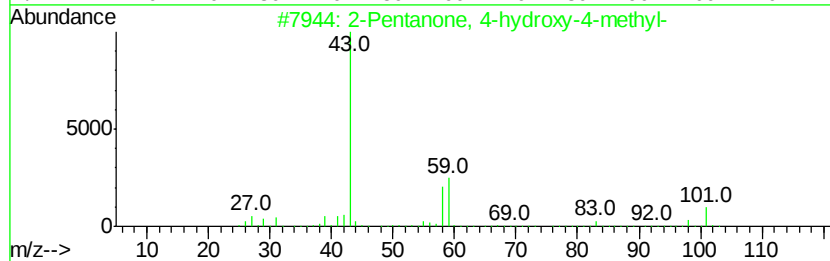
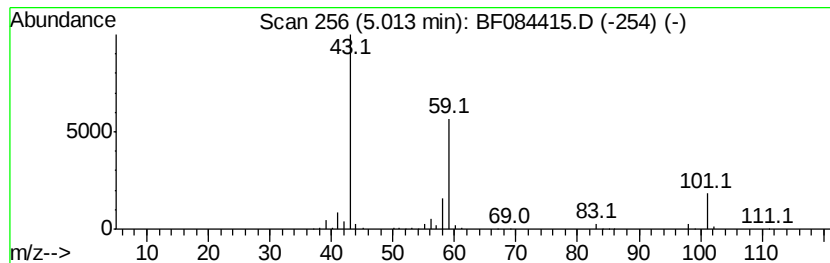
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	8.28 ng	707269	1,4-Dichlorobenzene-d4	6.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
4	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23	
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



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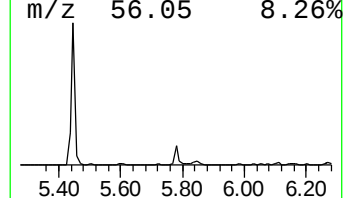
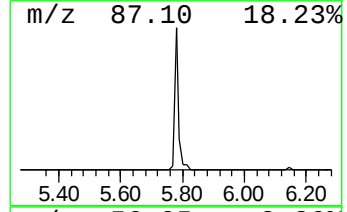
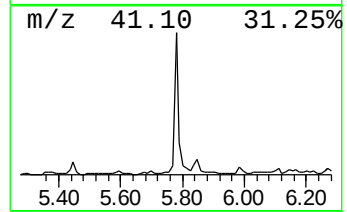
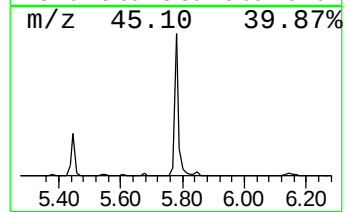
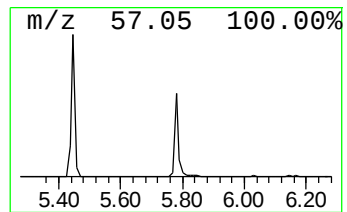
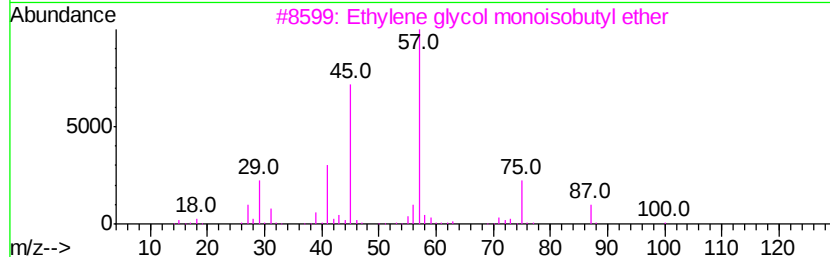
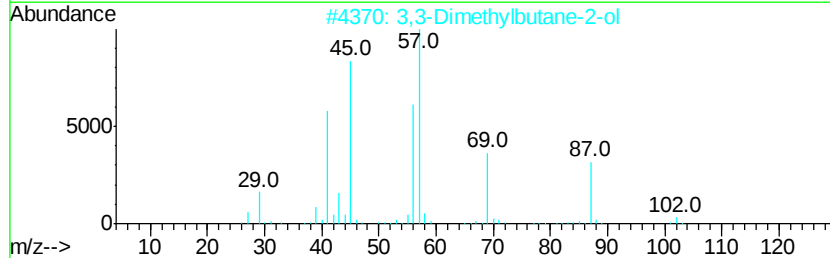
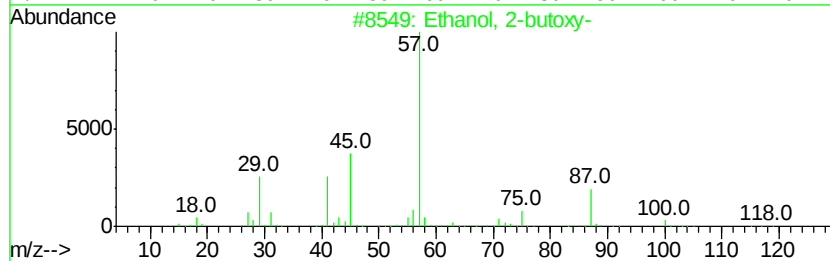
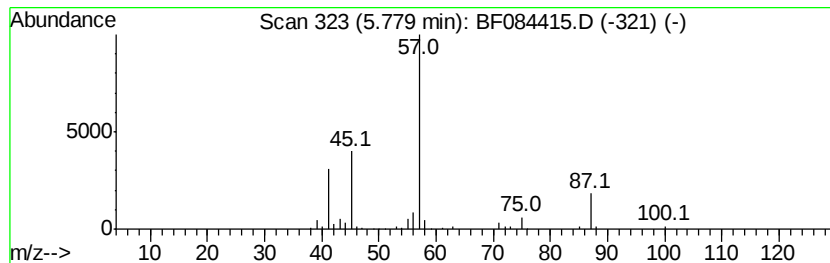
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	3.72 ng	318172	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	45
3		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	40
4		n-Butyl ether	130	C8H18O	000142-96-1	16
5		Isobutyl ether	130	C8H18O	000628-55-7	12



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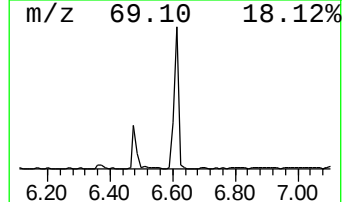
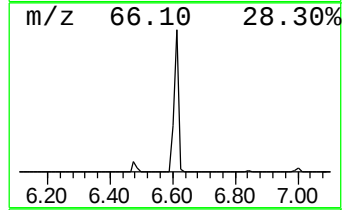
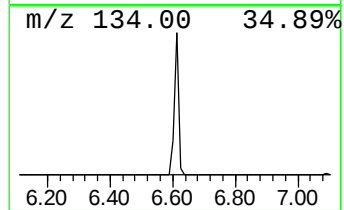
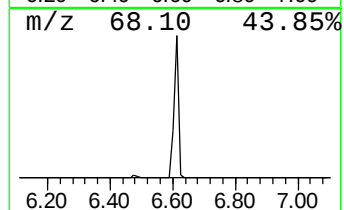
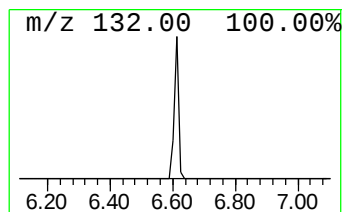
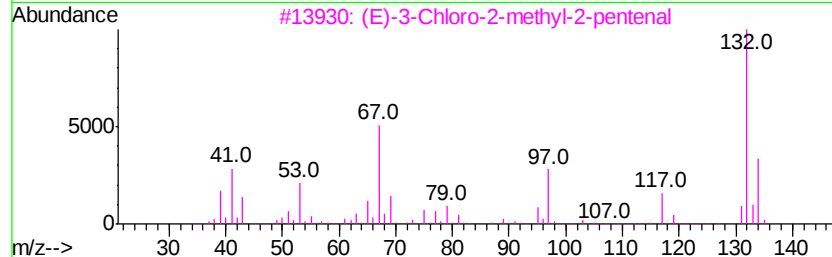
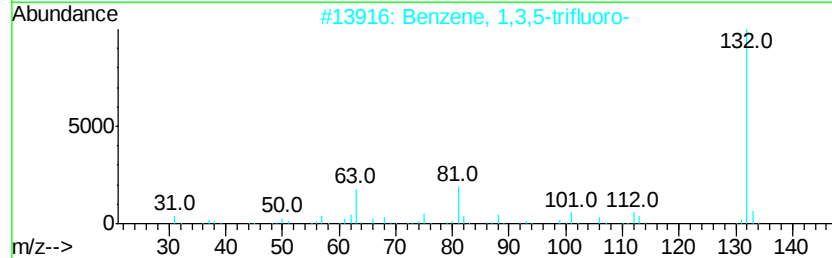
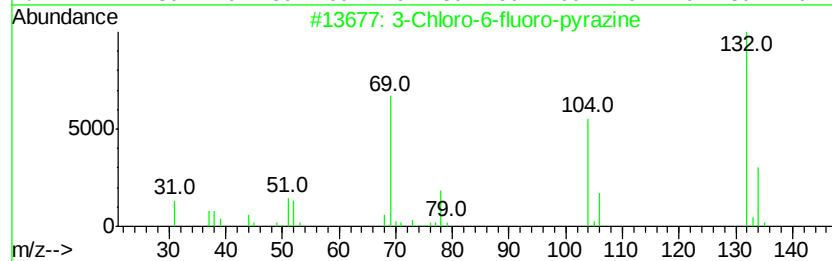
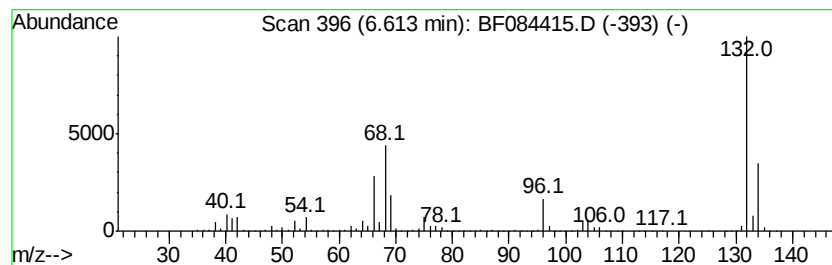
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	76.31 ng	6521380	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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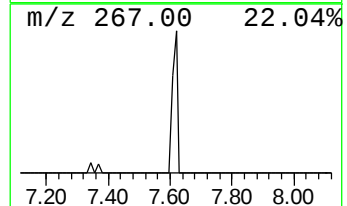
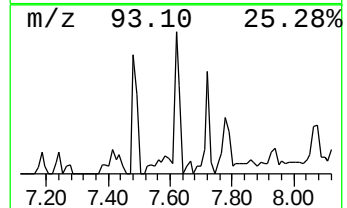
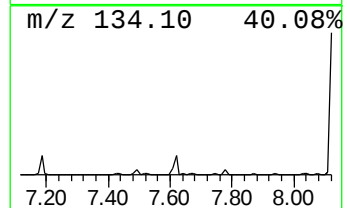
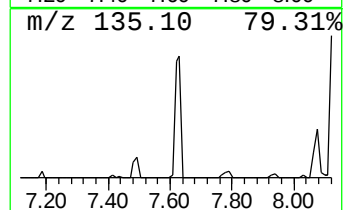
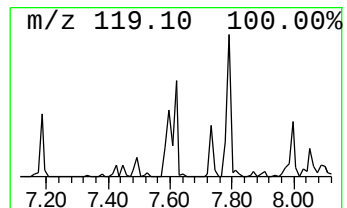
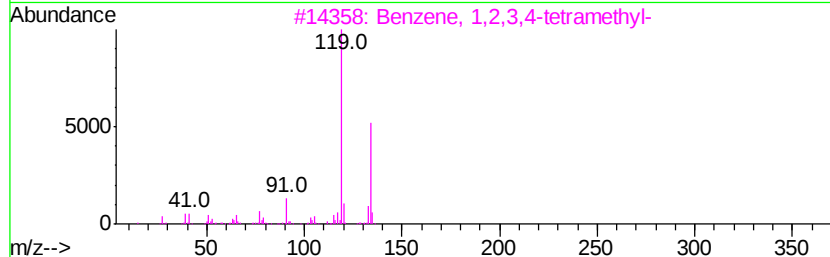
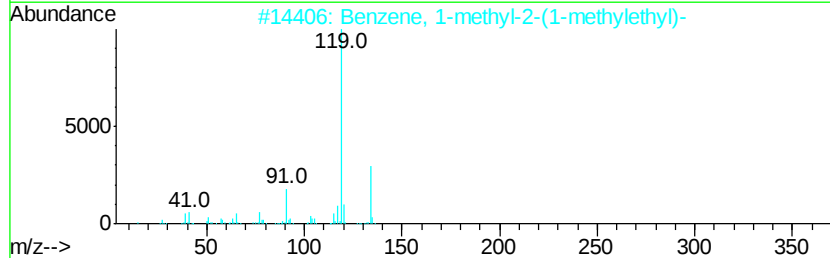
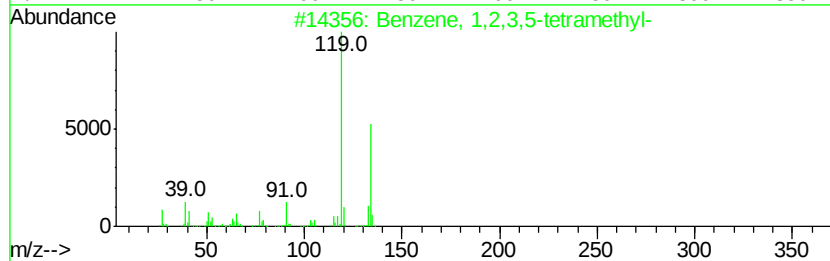
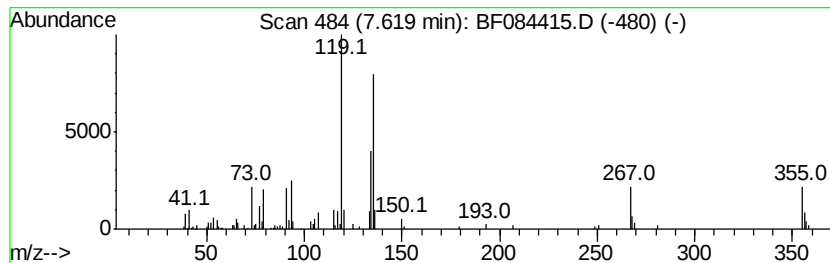
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	2.01 ng	236337	Naphthalene-d8	8.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	80	
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	42	
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42	
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	42	
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42	



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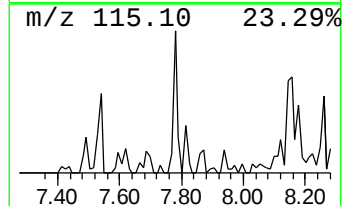
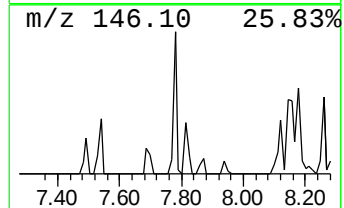
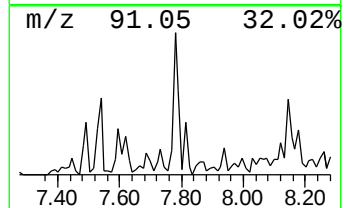
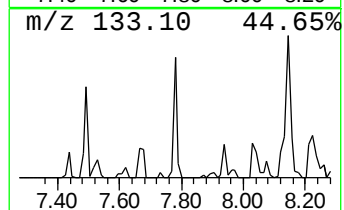
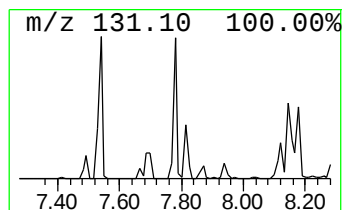
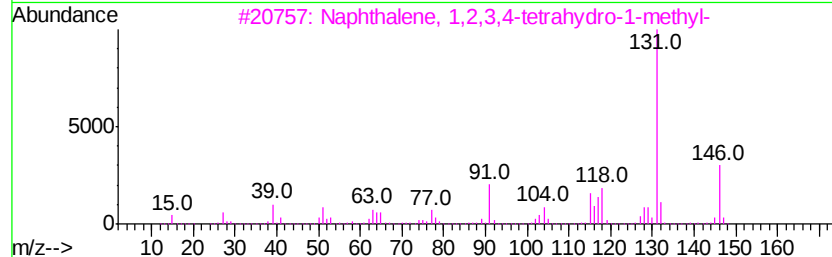
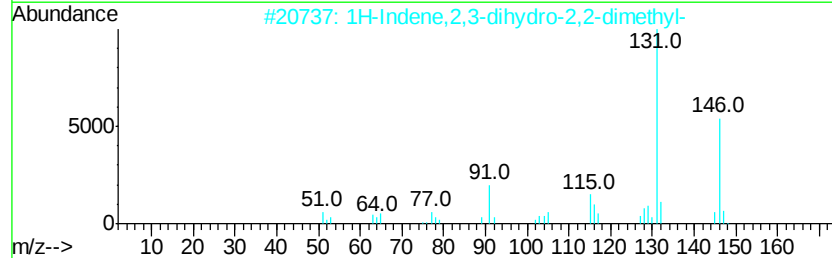
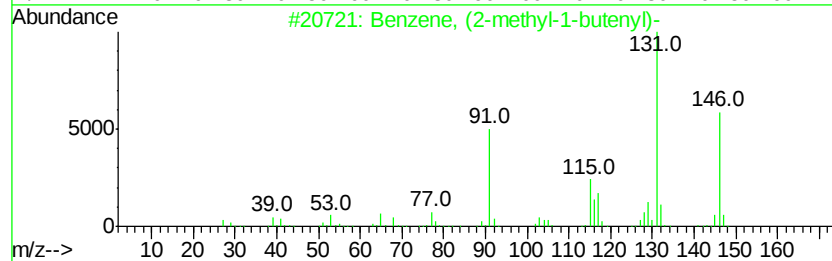
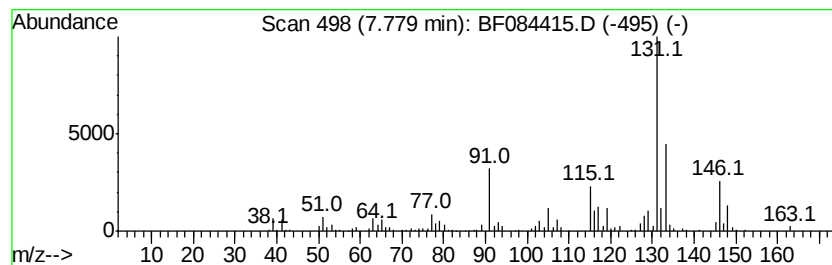
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	3.13 ng	367748	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
2		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	64
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
4		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	62
5		Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084415.D
Acq On : 12 Jan 2016 17:36
Operator : SJ/UM
Sample : H1060-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-DRUM

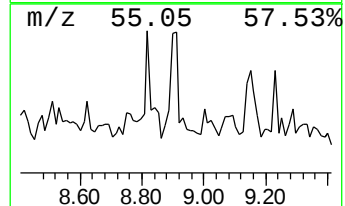
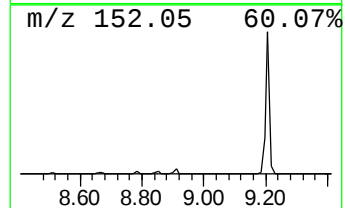
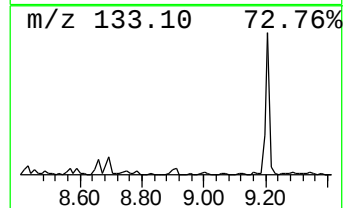
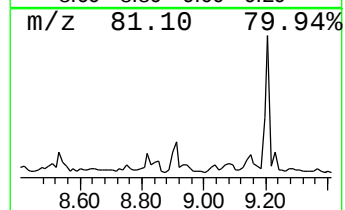
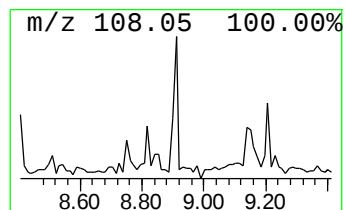
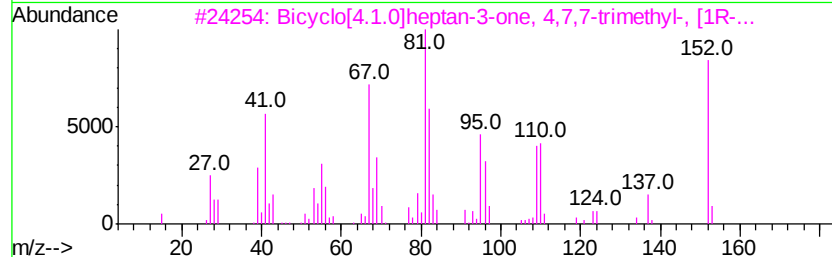
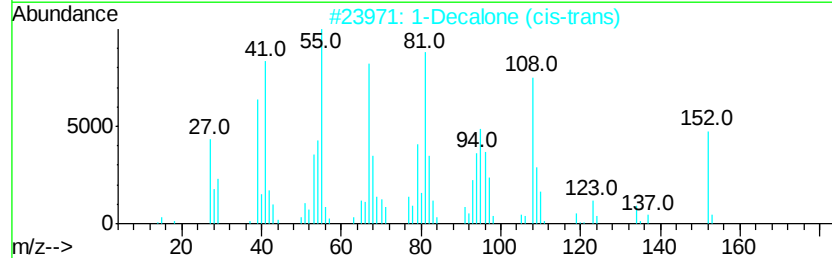
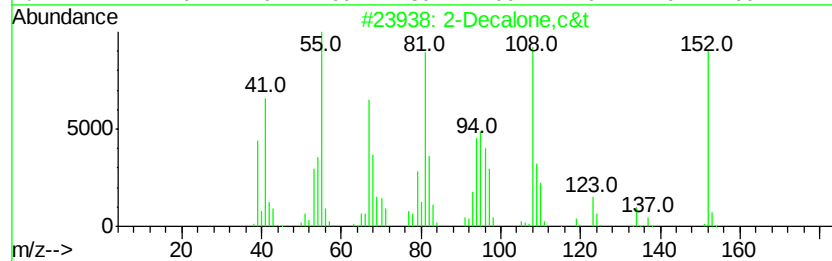
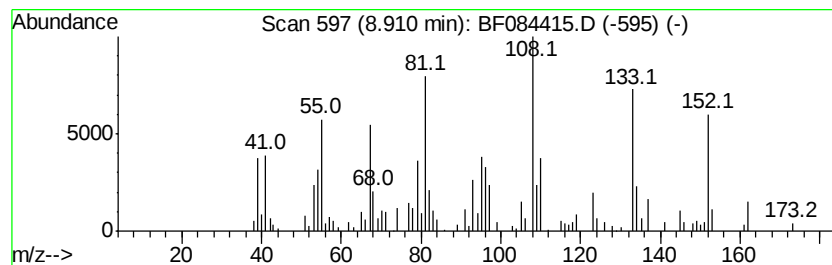
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Decalone,c&t Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	2.03 ng	238142	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Decalone,c&t	152	C10H16O	004832-17-1	64
2		1-Decalone (cis-trans)	152	C10H16O	004832-16-0	64
3		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	55
4		2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	45
5		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084415.D
Acq On : 12 Jan 2016 17:36
Operator : SJ/UM
Sample : H1060-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-DRUM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
2-Pentanone, 4-hy...	5.01	8.3	ng	707269	1	6.84	1709160	20.0
Ethanol, 2-butoxy-	5.78	3.7	ng	318172	1	6.84	1709160	20.0
unknown6.61	6.61	76.3	ng	6521380	1	6.84	1709160	20.0
Benzene, 1,2,3,5-...	7.62	2.0	ng	236337	2	8.13	2351540	20.0
Benzene, (2-methy...	7.78	3.1	ng	367748	2	8.13	2351540	20.0
2-Decalone,c&t	8.91	2.0	ng	238142	2	8.13	2351540	20.0