

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022218\
 Data File : BF103166.D
 Acq On : 22 Feb 2018 17:03
 Operator : SJ/JU
 Sample : J1640-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-2-DENSE-GRADE-AGG-RCA

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-BF022218.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	2.151	6	11	20	rVB	818228	1078306	14.82%	3.165%
2	3.610	254	259	271	rVB	115982	185167	2.55%	0.543%
3	4.492	401	409	412	rBV	3934034	6050352	83.17%	17.758%
4	5.122	507	516	519	rBV	3749773	7274987	100.00%	21.353%
5	5.492	576	579	586	rBV	84245	95051	1.31%	0.279%
6	6.110	681	684	691	rBV	98168	101416	1.39%	0.298%
7	6.498	746	750	762	rBV	1235538	1218808	16.75%	3.577%
8	6.639	770	774	778	rBV	309649	264985	3.64%	0.778%
9	6.869	809	813	817	rBV	1243217	999618	13.74%	2.934%
10	7.028	835	840	843	rBV	2369543	2170445	29.83%	6.370%
11	7.192	865	868	875	rVB	137861	111388	1.53%	0.327%
12	7.433	904	909	912	rBV	1947961	1802916	24.78%	5.292%
13	8.151	1027	1031	1047	rVB	1475017	1367465	18.80%	4.014%
14	9.227	1209	1214	1217	rBV	3267031	2865485	39.39%	8.410%
15	9.616	1277	1280	1288	rVB	266606	270239	3.71%	0.793%
16	9.827	1309	1316	1321	rBV	165123	145036	1.99%	0.426%
17	9.910	1326	1330	1334	rBV	1559698	1338224	18.39%	3.928%
18	10.327	1394	1401	1404	rBV2	196527	262313	3.61%	0.770%
19	10.798	1478	1481	1486	rBV	113878	138994	1.91%	0.408%
20	11.398	1579	1583	1586	rBV	1222405	1142010	15.70%	3.352%
21	11.421	1586	1587	1593	rVV	275968	176941	2.43%	0.519%
22	12.615	1786	1790	1793	rBV	297409	269693	3.71%	0.792%
23	12.845	1823	1829	1835	rBV	285157	319365	4.39%	0.937%
24	12.980	1847	1852	1856	rBV	1930747	1826164	25.10%	5.360%
25	13.862	2000	2002	2005	rBV3	94249	90713	1.25%	0.266%
26	13.904	2006	2009	2013	rVB2	76431	86552	1.19%	0.254%
27	14.045	2028	2033	2036	rBV2	863448	895797	12.31%	2.629%
28	14.068	2036	2037	2040	rVB	141353	91160	1.25%	0.268%
29	14.886	2173	2176	2184	rVB	149511	168191	2.31%	0.494%
30	15.104	2209	2213	2215	rBV	142021	198049	2.72%	0.581%
31	15.474	2273	2276	2281	rVB	125398	152358	2.09%	0.447%
32	15.539	2282	2287	2298	rVV	607948	912520	12.54%	2.678%

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ALS Vial : 5 Sample Multiplier: 1

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

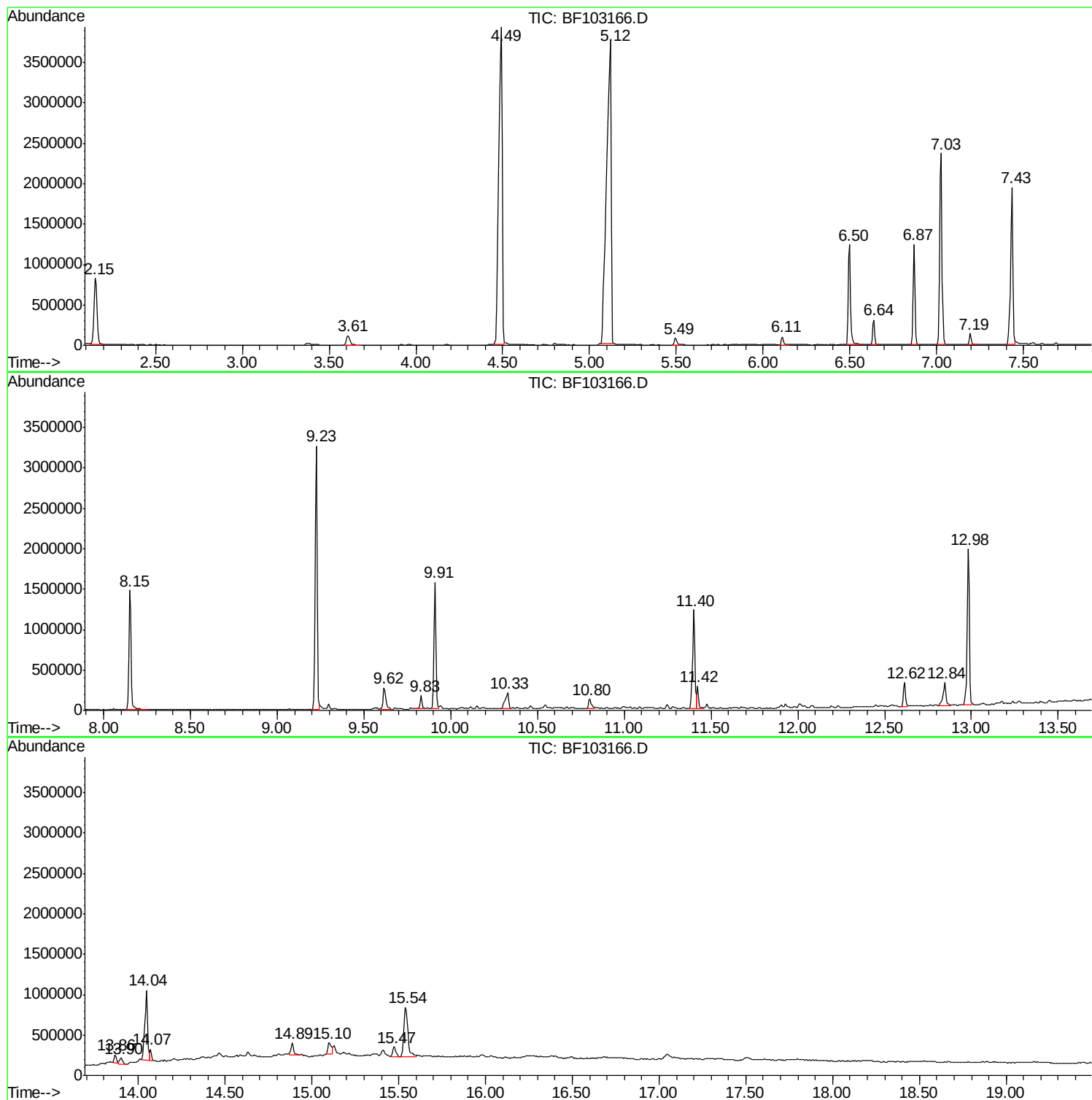
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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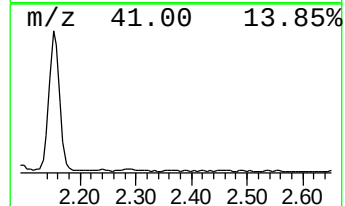
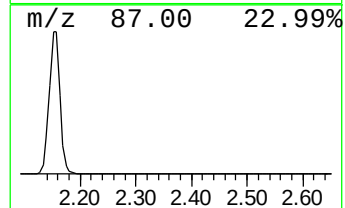
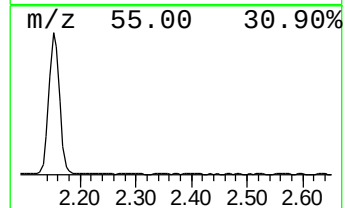
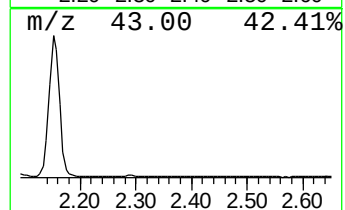
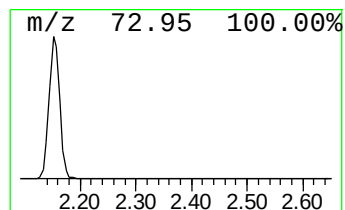
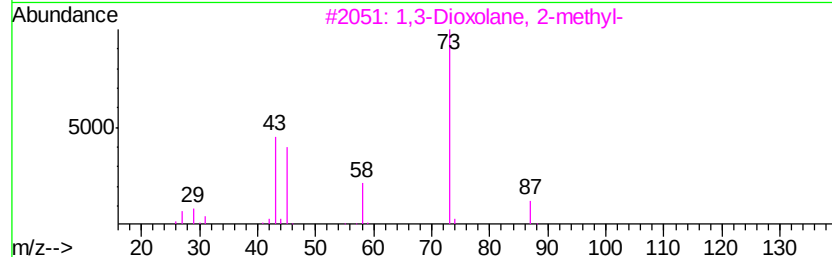
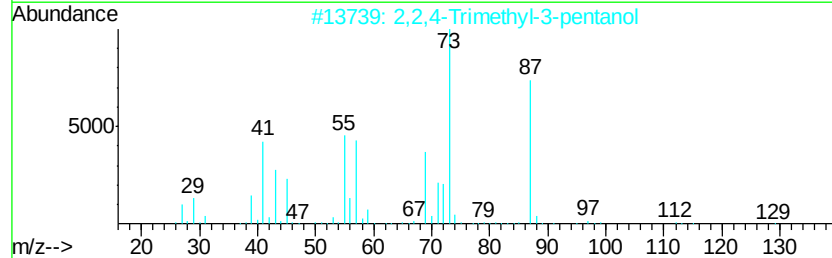
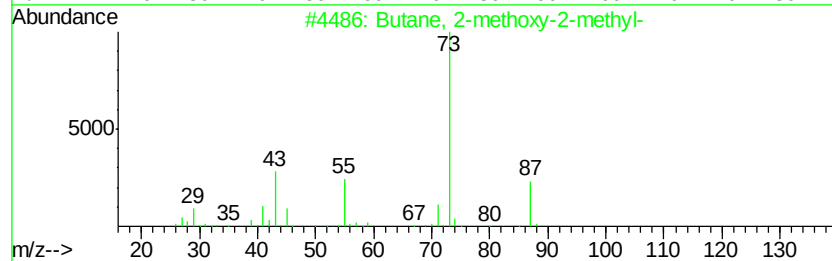
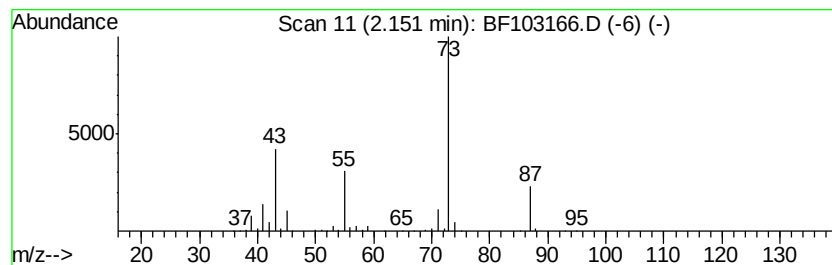
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	21.57 ng	1078310	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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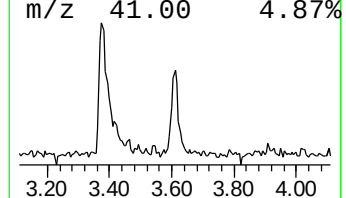
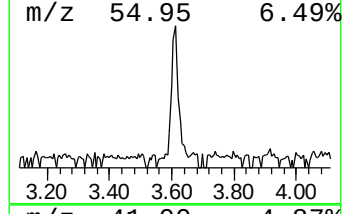
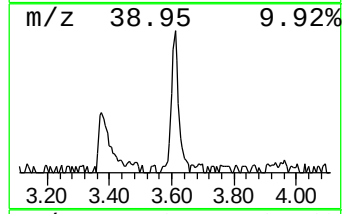
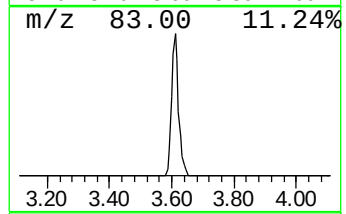
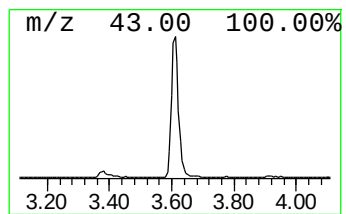
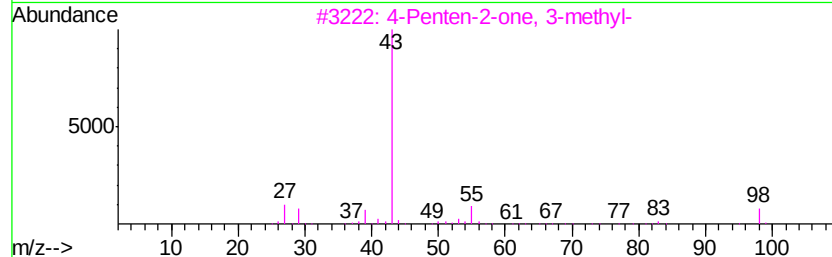
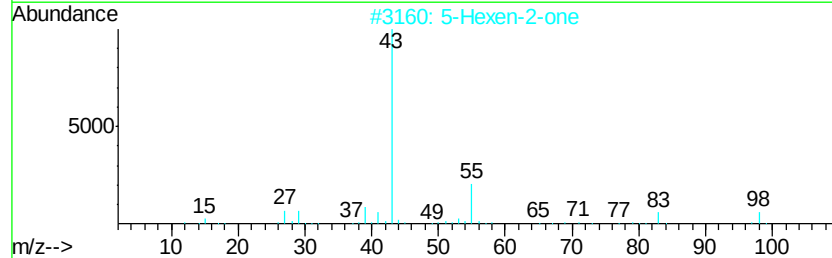
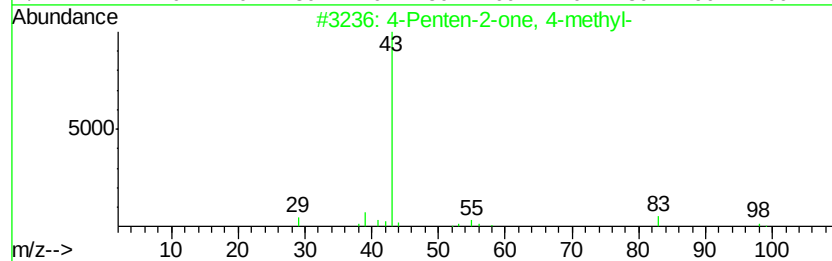
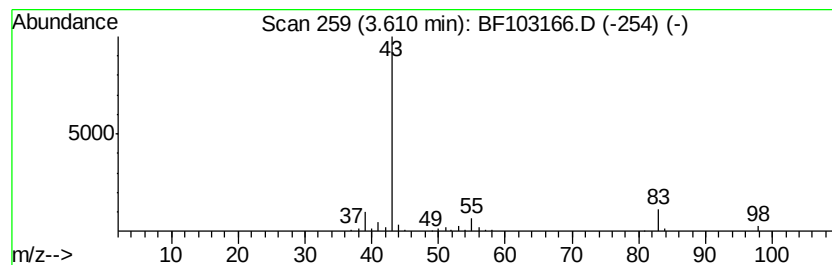
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	3.70 ng	185167	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	80
2		5-Hexen-2-one	98	C6H10O	000109-49-9	50
3		4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	37
4		2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	17
5		Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9



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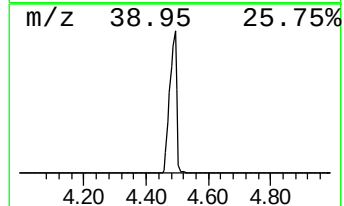
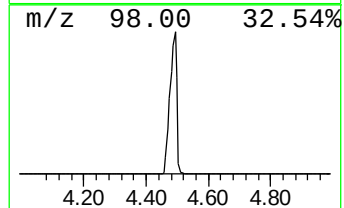
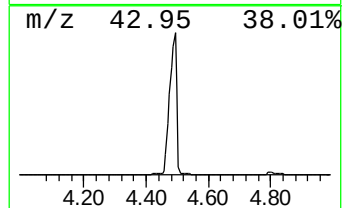
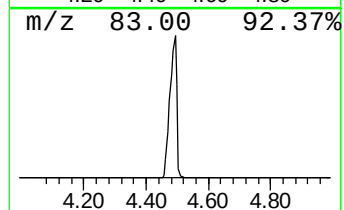
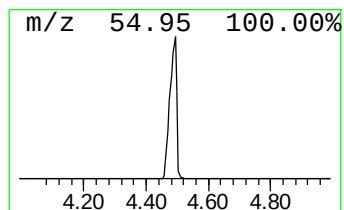
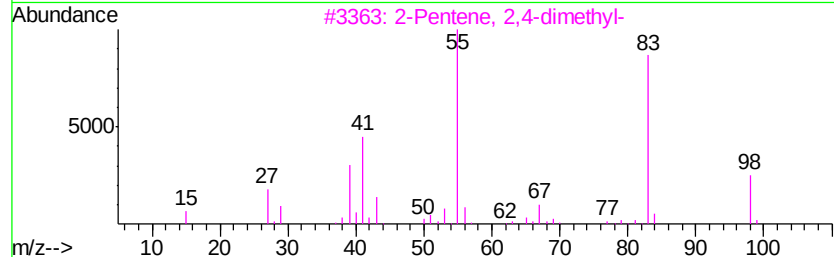
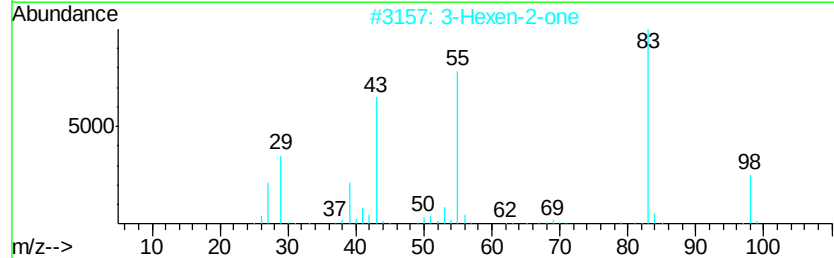
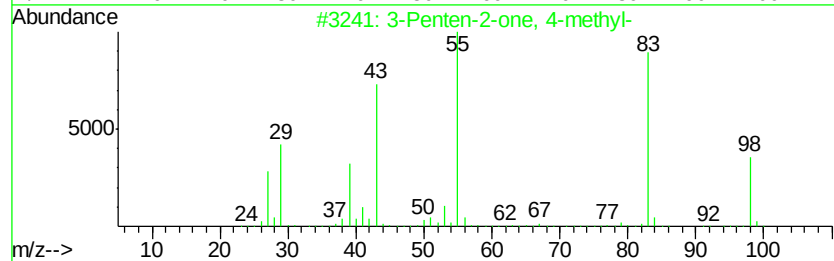
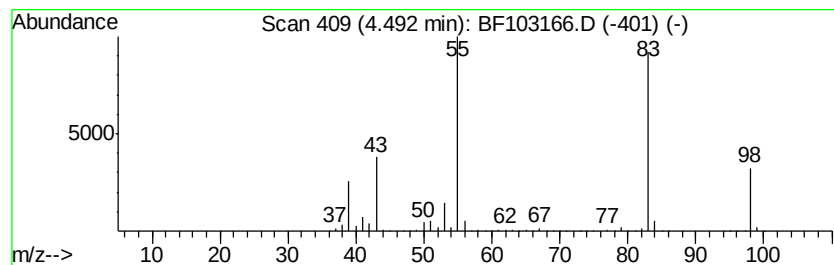
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	121.05 ng	6050350	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
5		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78



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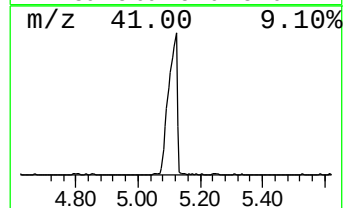
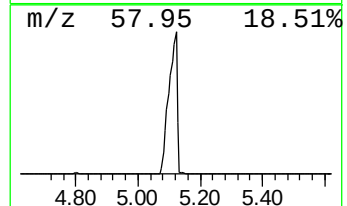
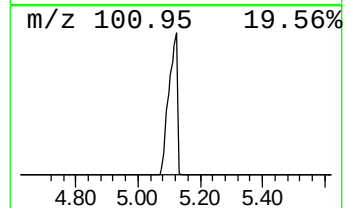
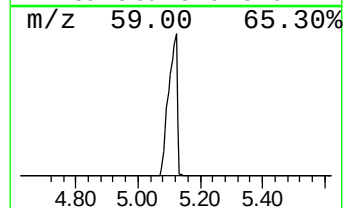
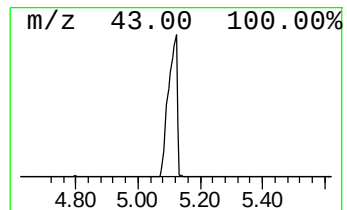
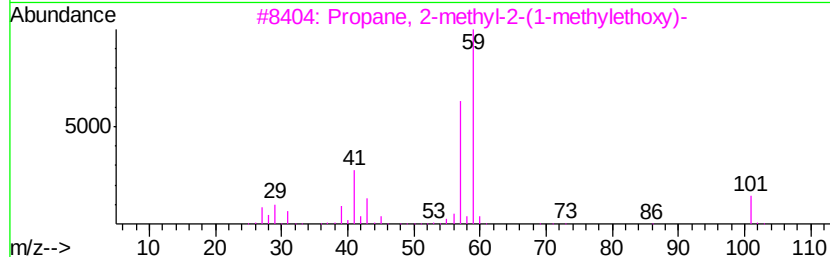
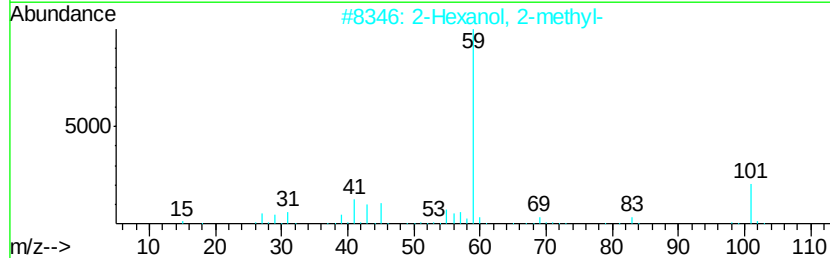
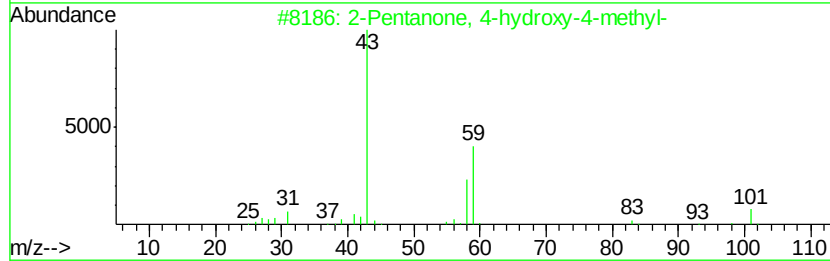
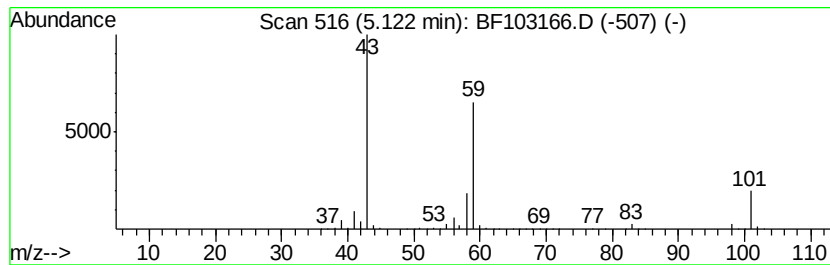
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	145.56 ng	7274990	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	28
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23



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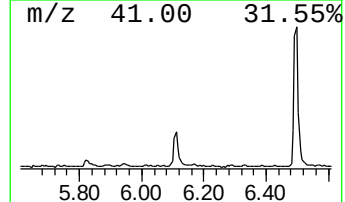
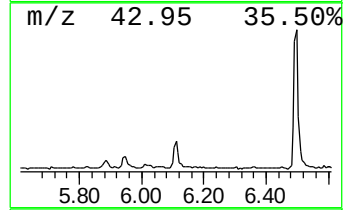
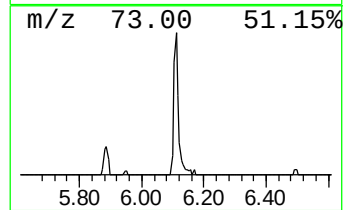
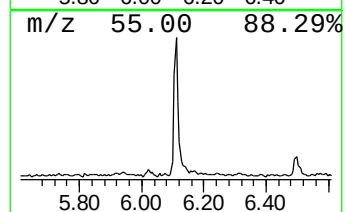
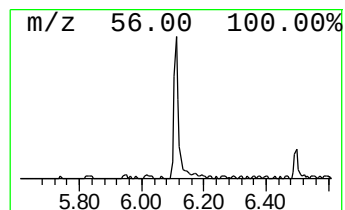
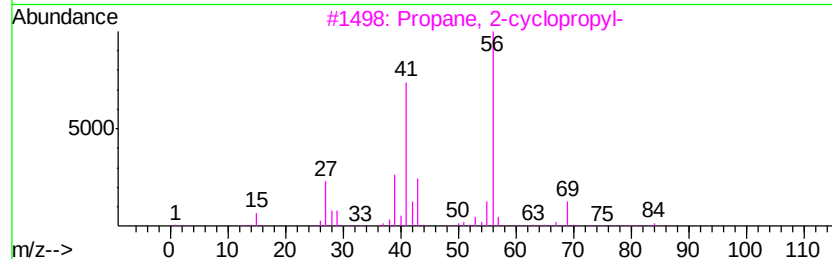
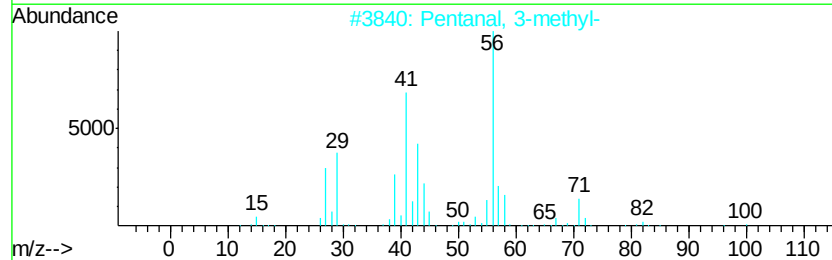
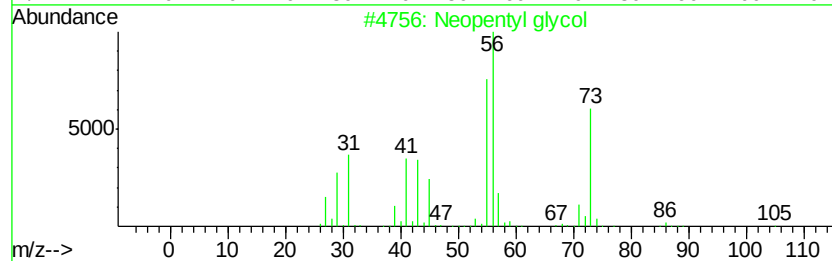
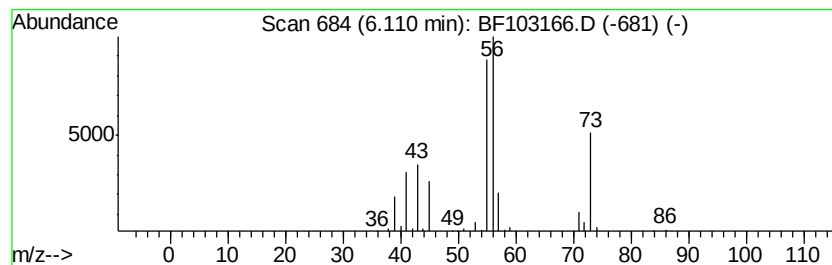
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Peak Number 5 Neopentyl glycol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	2.03 ng	101416	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Neopentyl glycol	104	C5H12O2	000126-30-7	83
2		Pentanal, 3-methyl-	100	C6H12O	015877-57-3	38
3		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	37
4		2-Propenal	56	C3H4O	000107-02-8	9
5		4-Heptanol	116	C7H16O	000589-55-9	9



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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
2-2-DENSE-GRADE-AGG-RCA

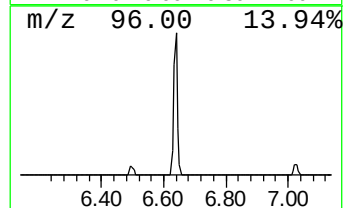
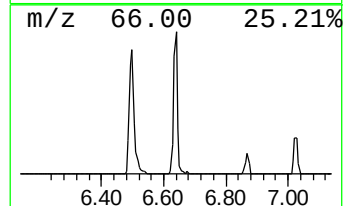
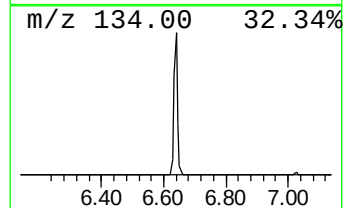
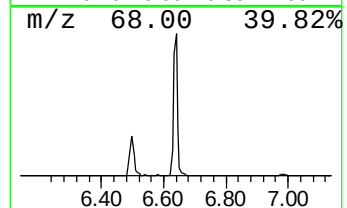
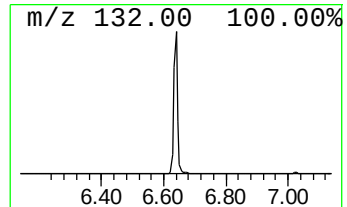
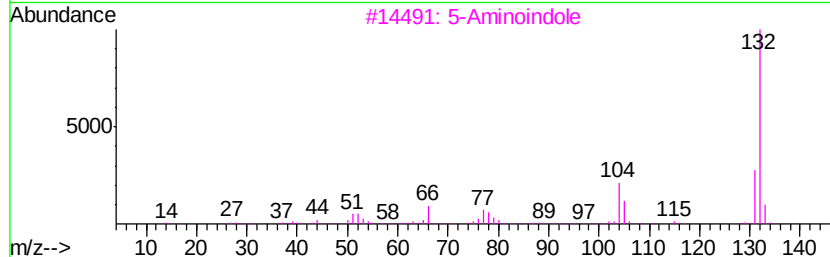
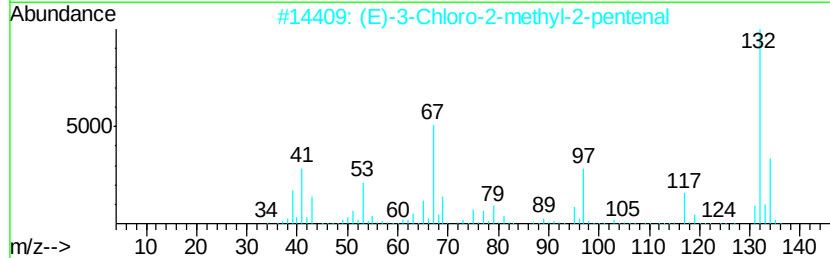
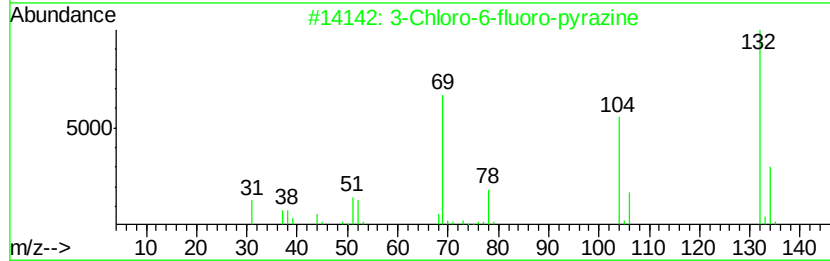
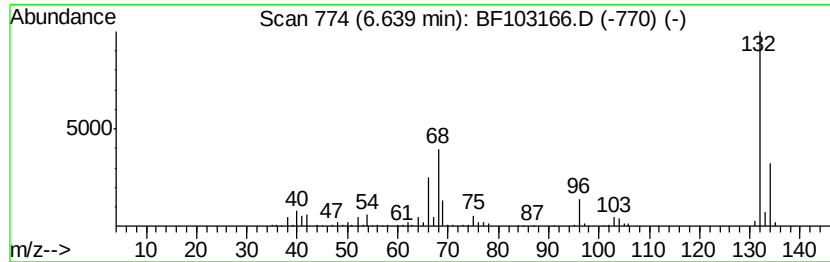
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.64 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	5.30 ng	264985	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Amphetaminil	250	C17H18N2	017590-01-1	10
5		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103166.D
Acq On : 22 Feb 2018 17:03
Operator : SJ/JU
Sample : J1640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-2-DENSE-GRADE-AGG-RCA

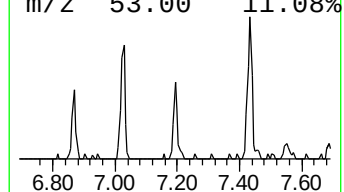
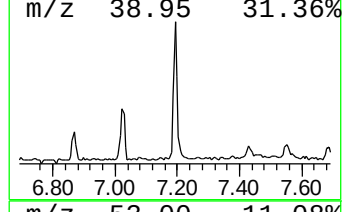
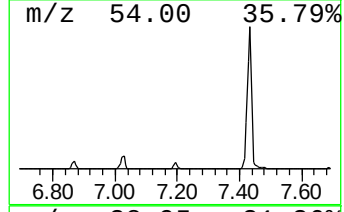
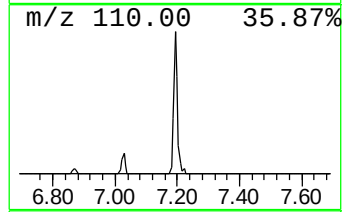
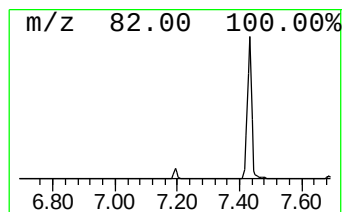
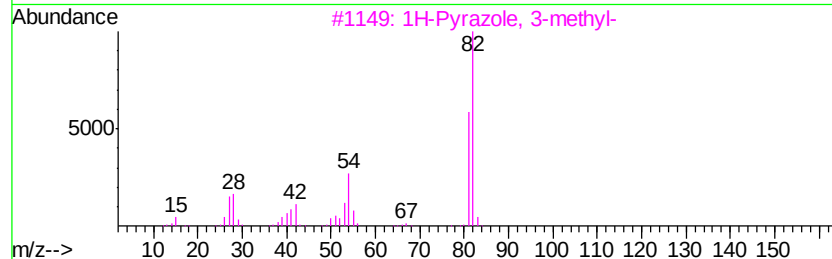
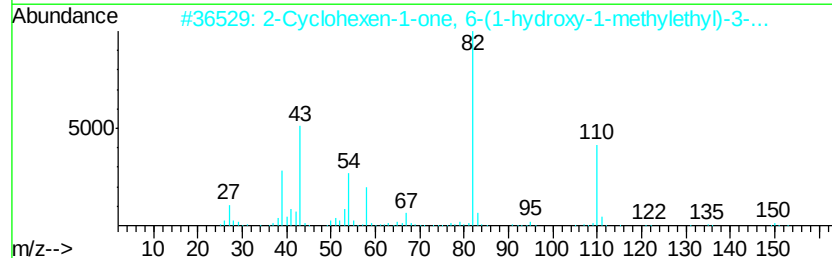
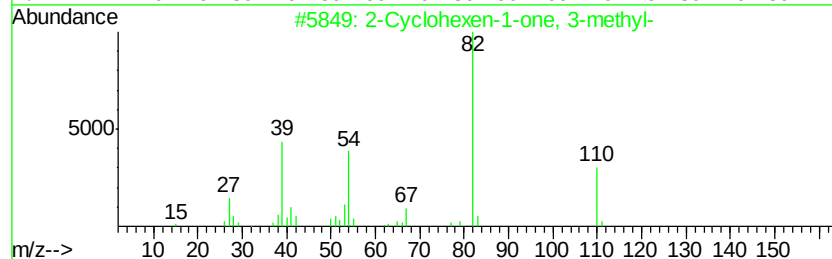
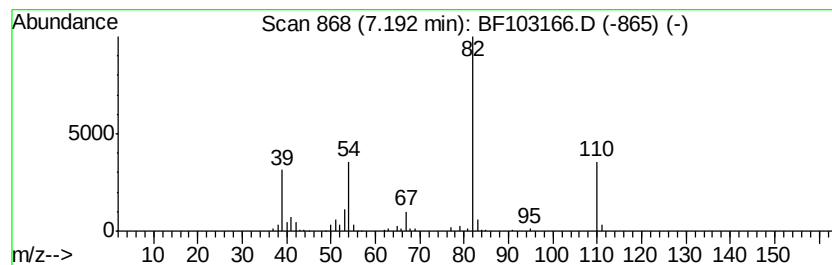
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	2.23 ng	111388	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2		2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	83
3		1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	59
4		2-Cyclopenten-1-one	82	C5H6O	000930-30-3	52
5		Betazole	111	C5H9N3	000105-20-4	38



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103166.D
Acq On : 22 Feb 2018 17:03
Operator : SJ/JU
Sample : J1640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-2-DENSE-GRADE-AGG-RCA

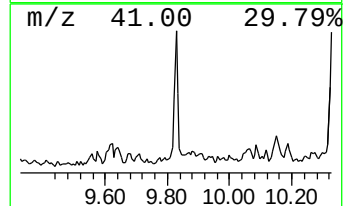
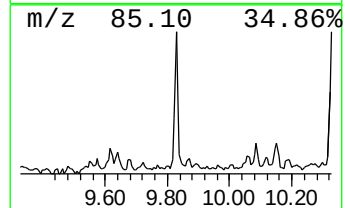
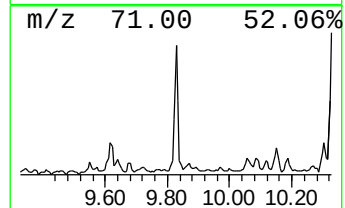
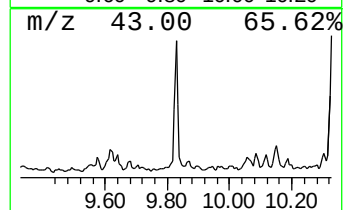
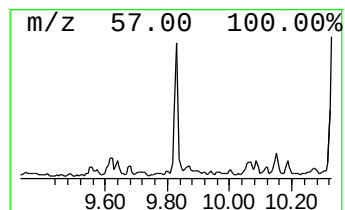
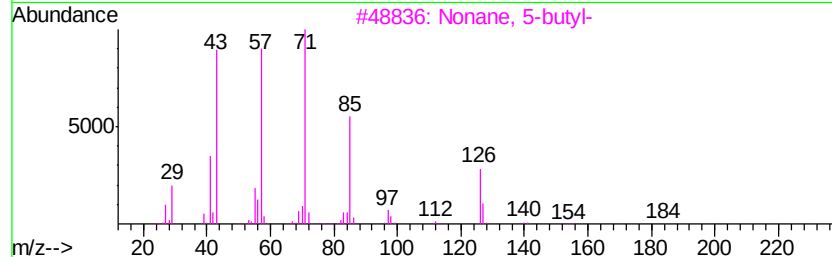
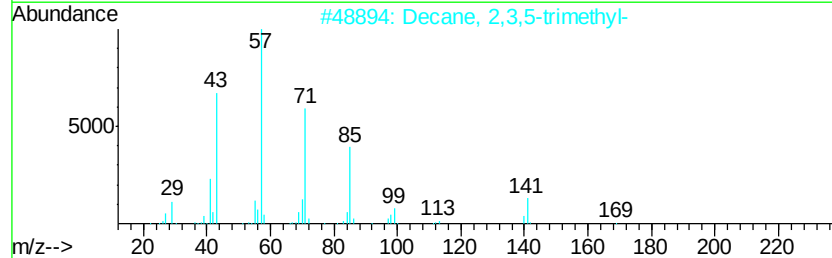
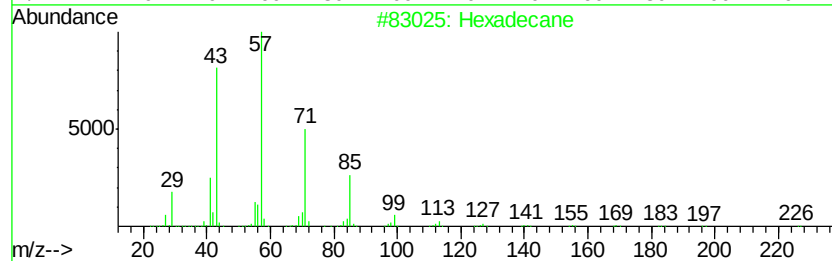
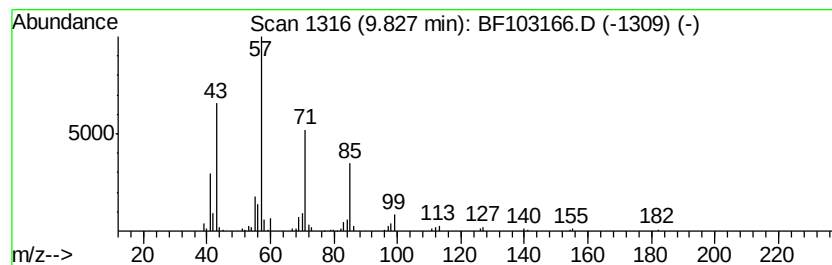
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.17 ng	145036	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	64
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	58



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103166.D
Acq On : 22 Feb 2018 17:03
Operator : SJ/JU
Sample : J1640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

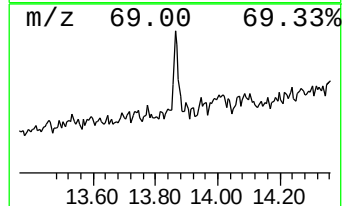
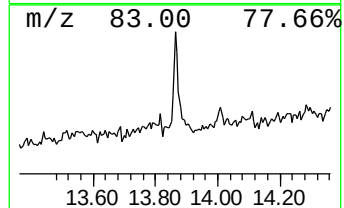
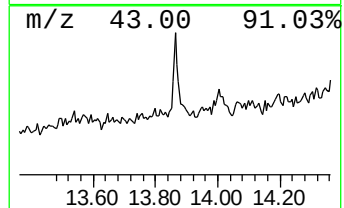
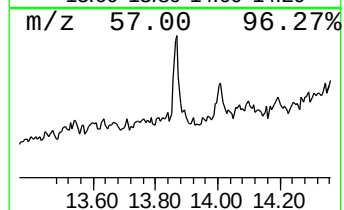
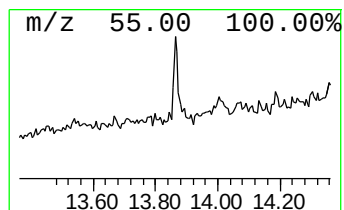
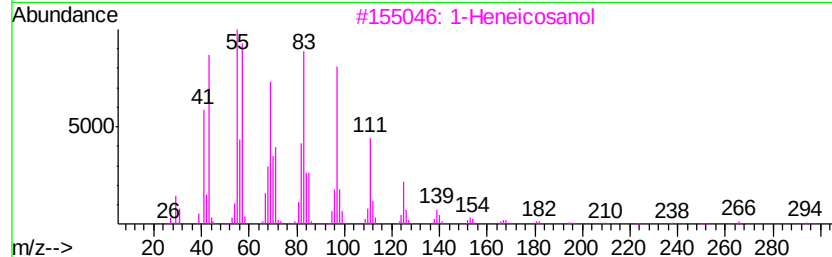
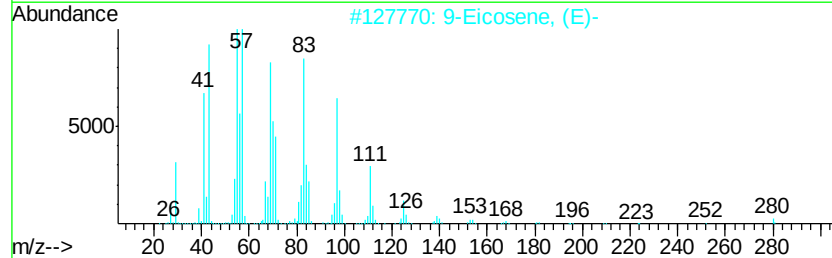
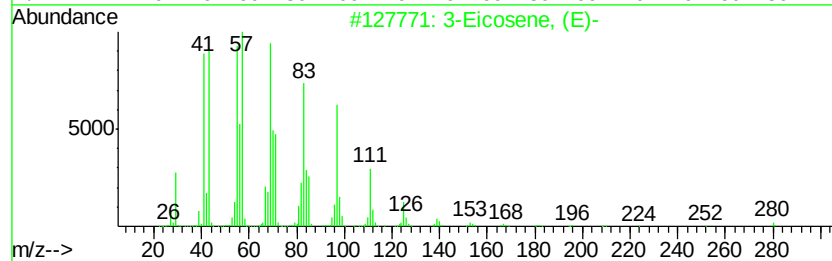
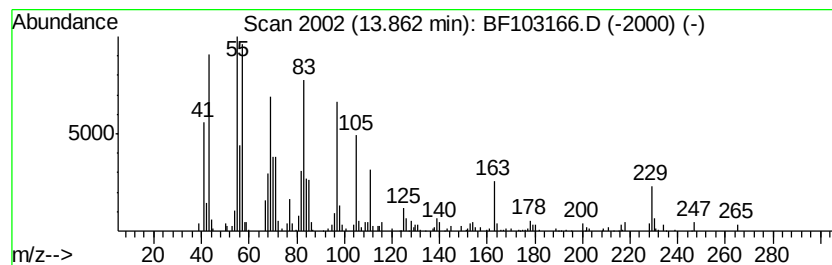
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3-Eicosene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.03 ng	90713	Chrysene-d12	14.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Eicosene, (E)-	280 C20H40	074685-33-9 87
2		9-Eicosene, (E)-	280 C20H40	074685-29-3 87
3		1-Heneicosanol	312 C21H44O	015594-90-8 87
4		Bromoacetic acid, hexadecyl ester	362 C18H35BrO2	005454-48-8 87
5		Acetic acid, chloro-, octadecyl ...	346 C20H39ClO2	005348-82-3 83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103166.D
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Operator : SJ/JU
Sample : J1640-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

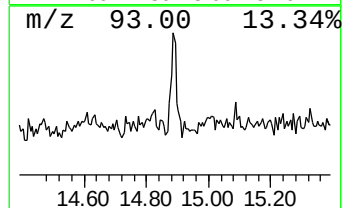
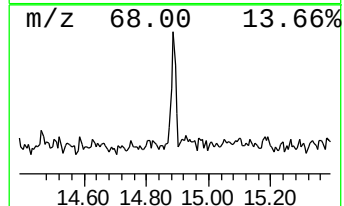
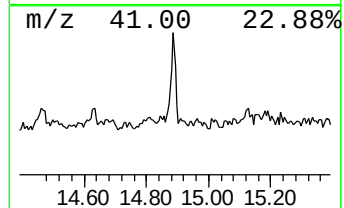
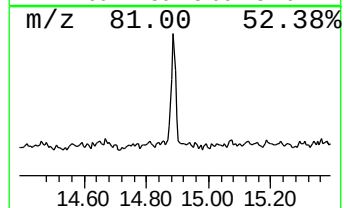
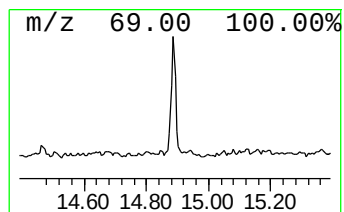
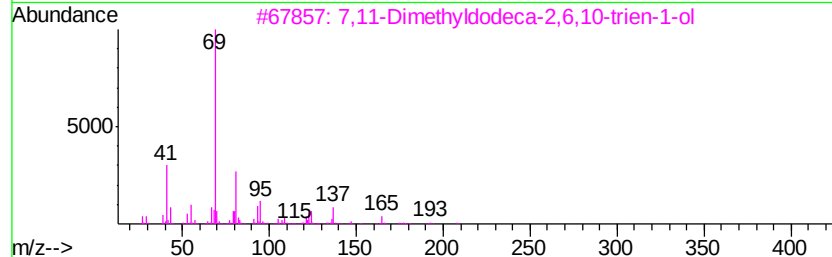
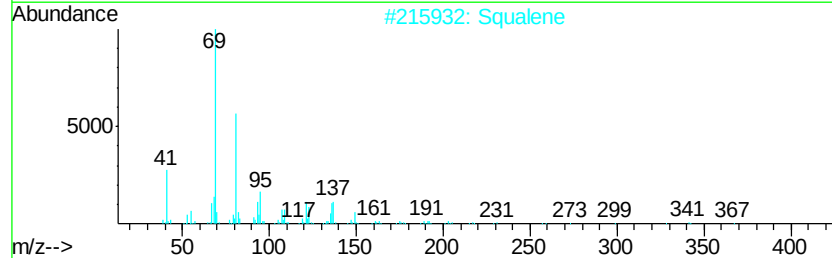
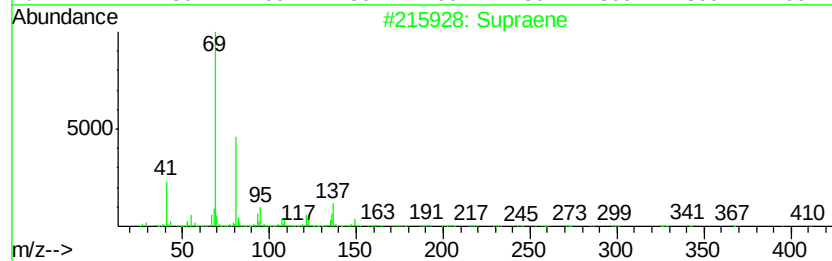
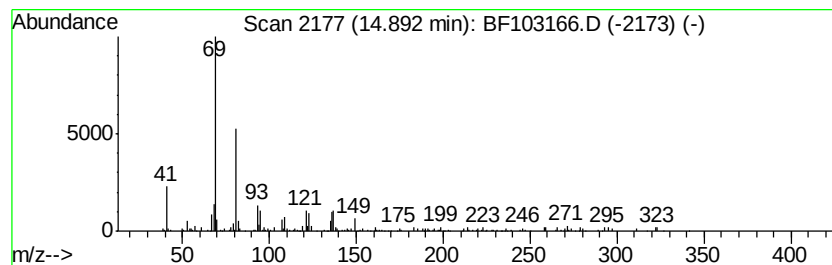
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	3.69 ng	168191	Perylene-d12	15.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Supraene		410 C30H50	007683-64-9 83
2	Squalene		410 C30H50	000111-02-4 80
3	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H24O	125529-10-4 72
4	Trideca-1,3,7,11-tetraene-1,1-di...		268 C18H24N2	1000159-88-9 53
5	3-Ethyl-1,5-octadiene		138 C10H18	1000114-87-7 53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022218\
 Data File : BF103166.D
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 Operator : SJ/JU
 Sample : J1640-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 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
Butane, 2-methoxy...	2.15	21.6	ng	1078310	1	6.87	999618	20.0
4-Penten-2-one, 4...	3.61	3.7	ng	185167	1	6.87	999618	20.0
3-Penten-2-one, 4...	4.49	121.1	ng	6050350	1	6.87	999618	20.0
2-Pentanone, 4-hy...	5.12	145.6	ng	7274990	1	6.87	999618	20.0
Neopentyl glycol	6.11	2.0	ng	101416	1	6.87	999618	20.0
unknown6.64	6.64	5.3	ng	264985	1	6.87	999618	20.0
2-Cyclohexen-1-on...	7.19	2.2	ng	111388	1	6.87	999618	20.0
Hexadecane	9.83	2.2	ng	145036	3	9.91	1338220	20.0
3-Eicosene, (E)-	13.86	2.0	ng	90713	5	14.04	895797	20.0
Supraene	14.89	3.7	ng	168191	6	15.54	912520	20.0