

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095112.D
 Acq On : 12 May 2017 15:17
 Operator : SJ/MA
 Sample : I3100-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3A-051017

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-BF050217.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	2.349	64	70	74	rVB6	14195	27734	1.02%	0.131%
2	4.990	516	519	534	rBV	43234	101864	3.74%	0.482%
3	5.354	576	581	589	rBV2	22059	36665	1.35%	0.174%
4	5.519	605	609	611	rBV	46709	57196	2.10%	0.271%
5	5.548	611	614	628	rVB	46234	86990	3.19%	0.412%
6	5.666	630	634	654	rBV	188482	549142	20.15%	2.600%
7	5.901	670	674	682	rVB	53267	78633	2.88%	0.372%
8	6.984	855	858	862	rBV	32588	39917	1.46%	0.189%
9	7.025	862	865	873	rVB	34588	52991	1.94%	0.251%
10	7.101	874	878	883	rBV2	42685	56863	2.09%	0.269%
11	7.219	894	898	904	rBV	79617	107477	3.94%	0.509%
12	7.272	904	907	918	rVV	115705	315841	11.59%	1.496%
13	7.360	918	922	932	rVV	833839	1523985	55.91%	7.216%
14	7.437	932	935	942	rVB	193351	234477	8.60%	1.110%
15	7.701	976	980	988	rBV	403057	518364	19.02%	2.455%
16	7.795	993	996	1001	rVB	105948	120721	4.43%	0.572%
17	7.931	1015	1019	1033	rVB	1089838	1406920	51.62%	6.662%
18	8.166	1055	1059	1065	rBV	54233	61348	2.25%	0.290%
19	8.237	1065	1071	1078	rBV2	92391	142971	5.25%	0.677%
20	8.348	1086	1090	1096	rBV	24784	31895	1.17%	0.151%
21	8.466	1107	1110	1113	rBV	54508	56673	2.08%	0.268%
22	8.501	1113	1116	1122	rVB	57801	63787	2.34%	0.302%
23	8.566	1122	1127	1129	rBV	128730	142553	5.23%	0.675%
24	8.595	1129	1132	1152	rVB	791179	1184980	43.48%	5.611%
25	8.801	1163	1167	1175	rVB2	39964	57925	2.13%	0.274%
26	8.948	1188	1192	1195	rBV	74019	86681	3.18%	0.410%
27	8.989	1195	1199	1206	rVB	95814	129714	4.76%	0.614%
28	9.189	1230	1233	1236	rBV2	29153	34628	1.27%	0.164%
29	9.225	1236	1239	1246	rVB4	39656	67561	2.48%	0.320%
30	9.319	1252	1255	1257	rBV	75325	84282	3.09%	0.399%
31	9.342	1257	1259	1265	rVB2	60244	72548	2.66%	0.344%
32	9.478	1278	1282	1289	rBV4	16831	31783	1.17%	0.150%
33	9.719	1319	1323	1335	rVV	555536	861681	31.61%	4.080%
34	9.825	1338	1341	1347	rVB2	51431	66788	2.45%	0.316%

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ClientSampleId :
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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

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35	10.760	1495	1500	1507	rBV5	15436	38691	1.42%	0.183%
36	10.895	1517	1523	1530	rVB	41014	58028	2.13%	0.275%
37	11.042	1545	1548	1552	rBV	22817	29080	1.07%	0.138%
38	11.495	1619	1625	1642	rBV	2073584	2638590	96.81%	12.494%
39	11.972	1699	1706	1714	rBV8	11798	31257	1.15%	0.148%
40	12.189	1739	1743	1753	rBV	121663	185619	6.81%	0.879%
41	12.548	1799	1804	1813	rBV2	593708	836686	30.70%	3.962%
42	13.389	1942	1947	1951	rVB	49624	58528	2.15%	0.277%
43	13.748	1996	2008	2011	rBV6	19452	43994	1.61%	0.208%
44	13.842	2019	2024	2039	rBV	1004590	1515901	55.62%	7.178%
45	14.160	2074	2078	2080	rBV	66266	79014	2.90%	0.374%
46	14.889	2199	2202	2205	rBV	41036	44205	1.62%	0.209%
47	14.948	2205	2212	2225	rVV2	560220	829905	30.45%	3.930%
48	15.360	2278	2282	2289	rBV	92963	162776	5.97%	0.771%
49	15.924	2371	2378	2390	rBV	435632	606197	22.24%	2.870%
50	16.865	2533	2538	2541	rBV	85662	116607	4.28%	0.552%
51	16.895	2541	2543	2546	rVV	108230	130652	4.79%	0.619%
52	16.936	2546	2550	2558	rVV2	128694	239062	8.77%	1.132%
53	17.012	2558	2563	2577	rVV2	443304	698114	25.61%	3.306%
54	17.277	2603	2608	2615	rBV2	2275133	2725641	100.00%	12.907%
55	18.342	2785	2789	2800	rBV2	59315	102293	3.75%	0.484%
56	18.524	2816	2820	2830	rBV	72735	138229	5.07%	0.655%
57	18.624	2833	2837	2844	rBV	545158	743360	27.27%	3.520%
58	19.465	2977	2980	2982	rBV3	25454	30872	1.13%	0.146%
59	19.489	2982	2984	2989	rVB3	24279	29549	1.08%	0.140%
60	20.289	3116	3120	3133	rBV2	313711	511868	18.78%	2.424%

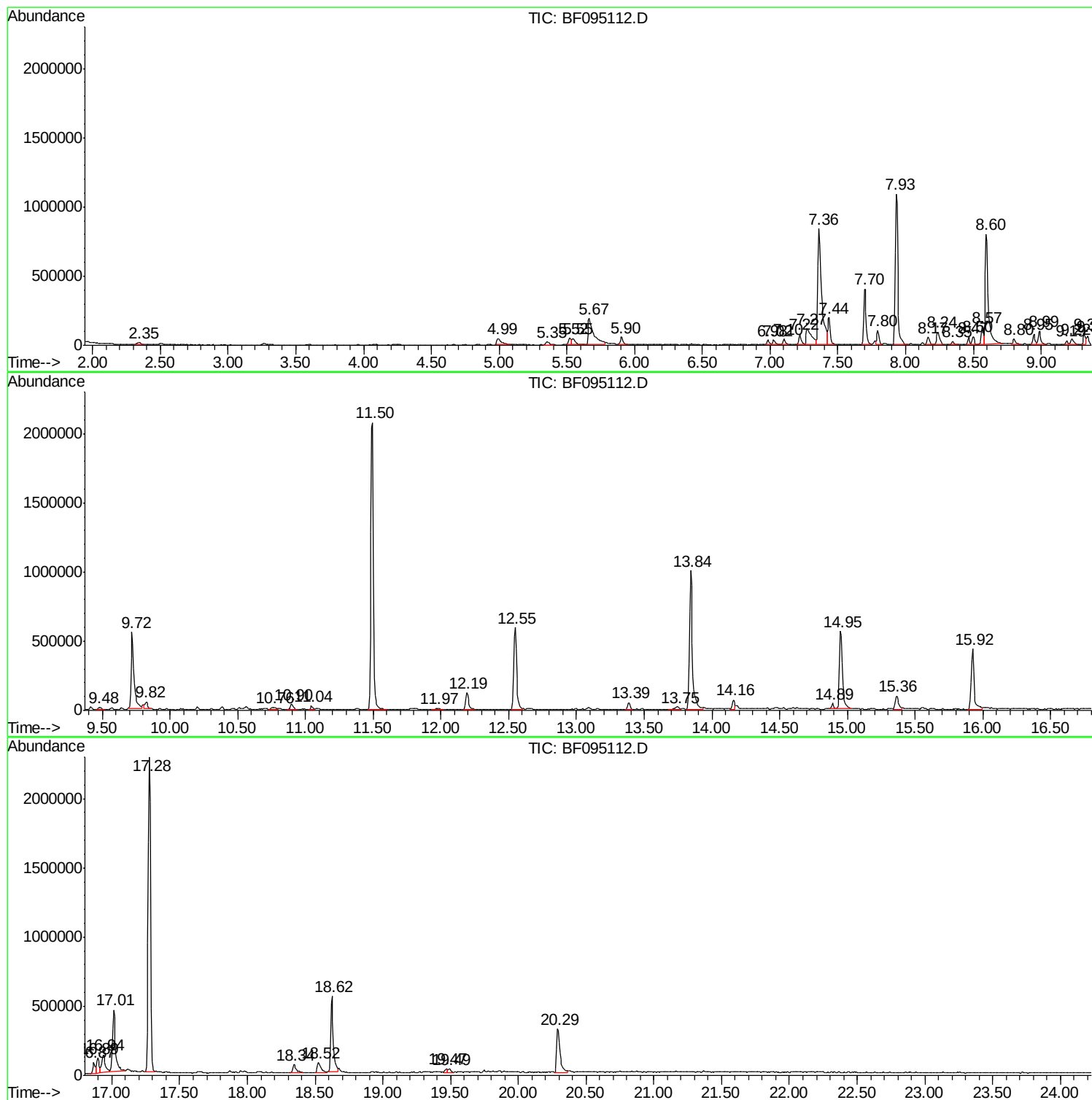
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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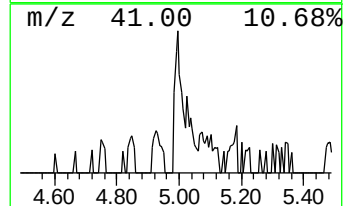
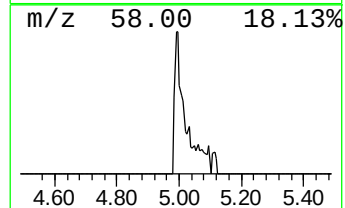
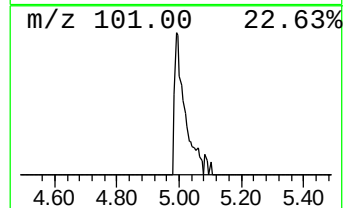
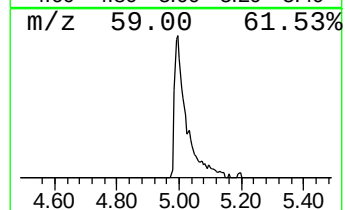
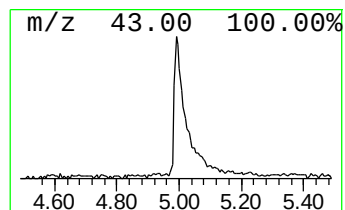
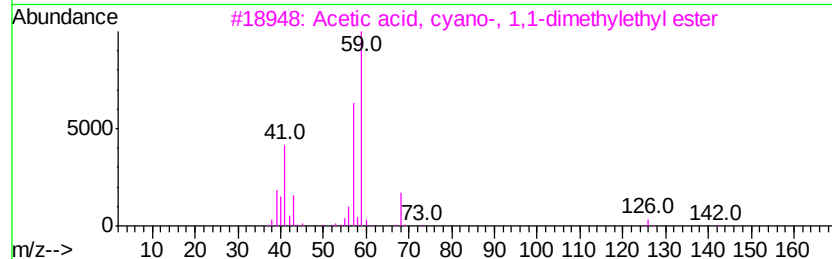
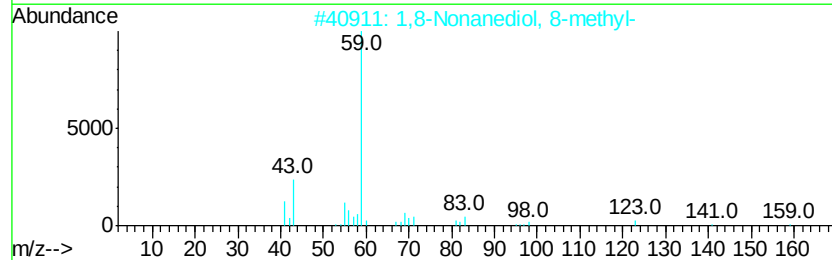
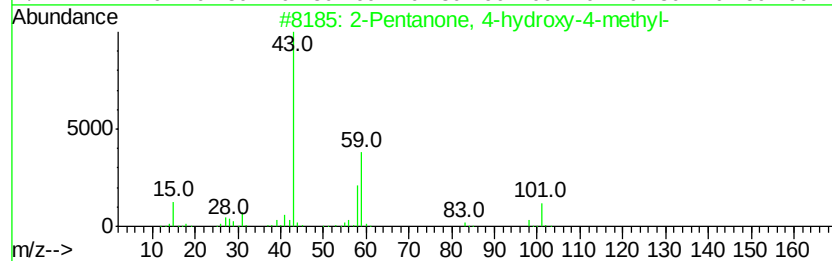
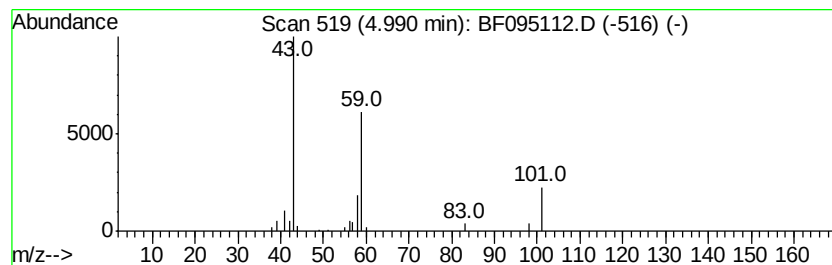
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.99 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	3.93 ng	101864	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25		
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	12		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	10		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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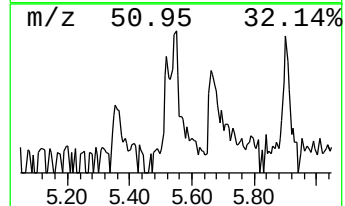
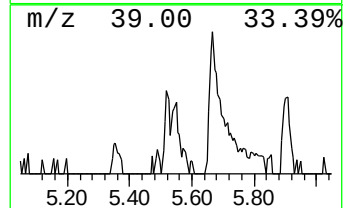
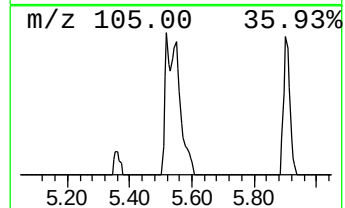
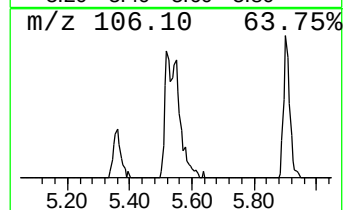
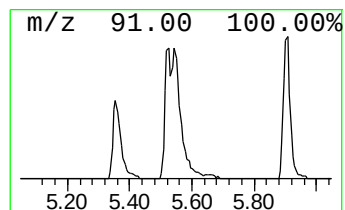
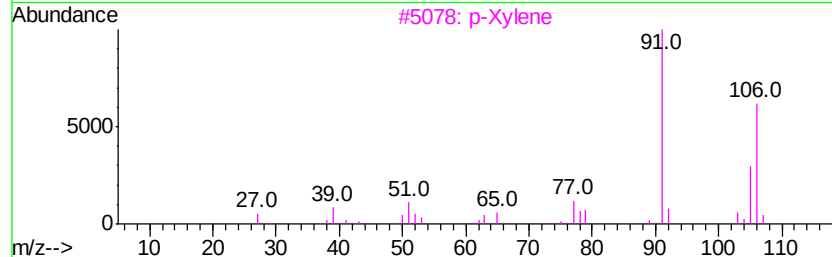
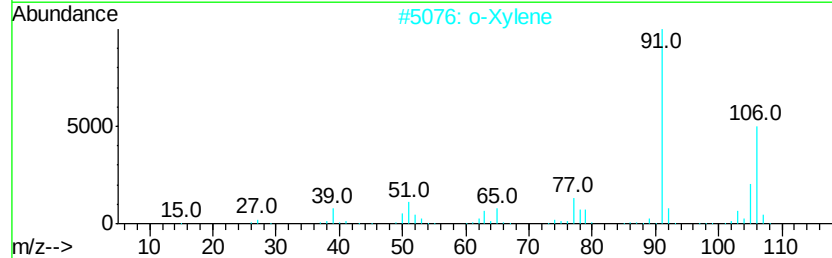
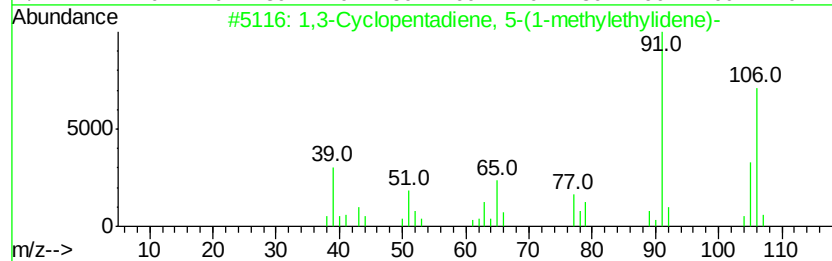
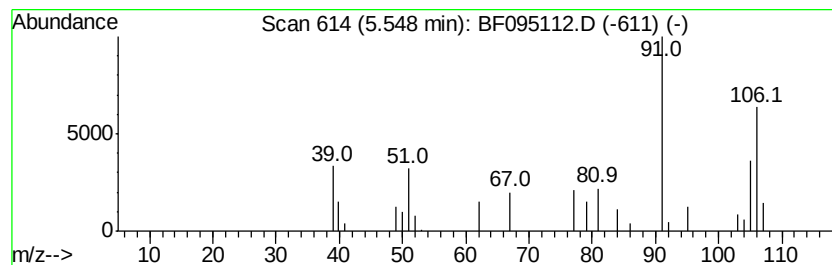
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.55 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	3.36 ng	86990	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	43
2			o-Xylene	106	C8H10	000095-47-6	38
3			p-Xylene	106	C8H10	000106-42-3	38
4			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	38
5			Benzeneethanol, .alpha.,.beta.-d...	150	C10H14O	052089-32-4	32



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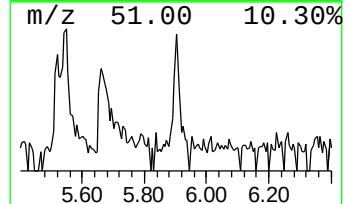
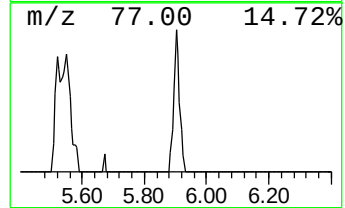
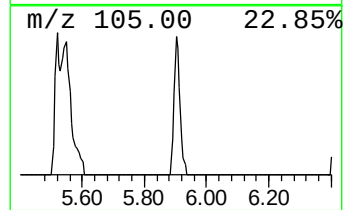
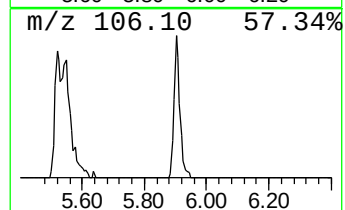
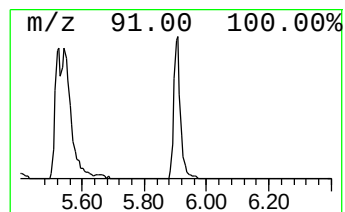
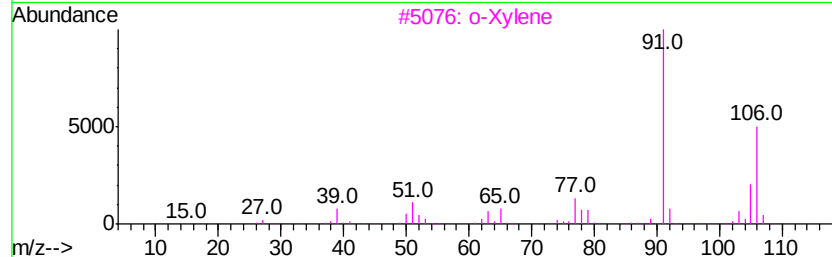
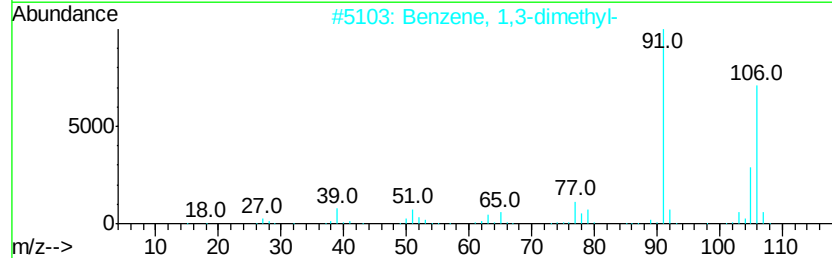
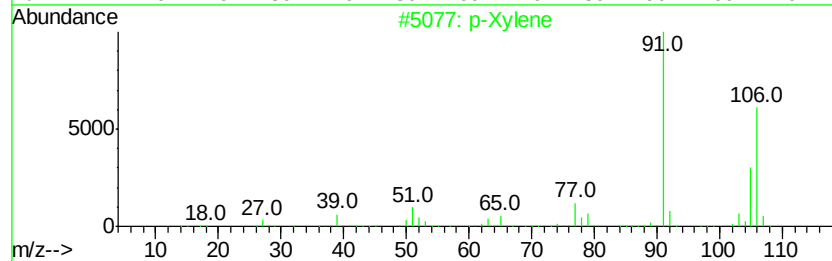
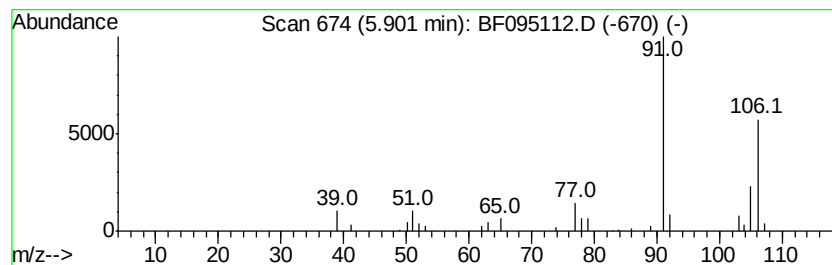
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 p-Xylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	3.03 ng	78633	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Xylene	106	C8H10	000106-42-3	95
2		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3		o-Xylene	106	C8H10	000095-47-6	94
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5		Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	78



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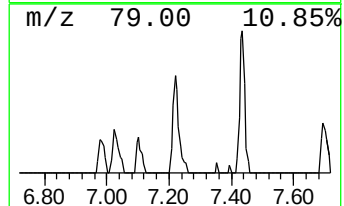
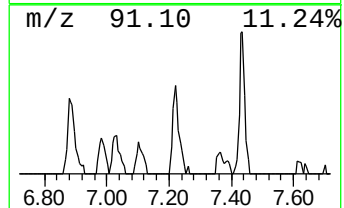
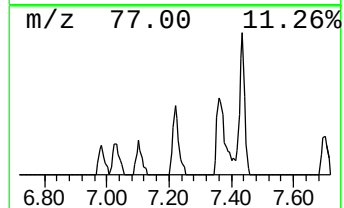
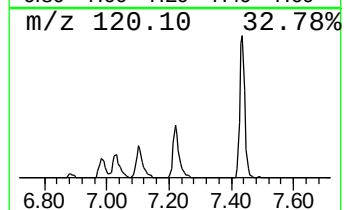
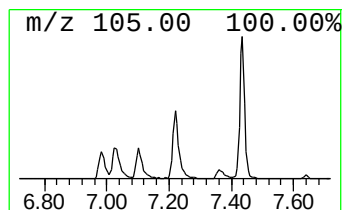
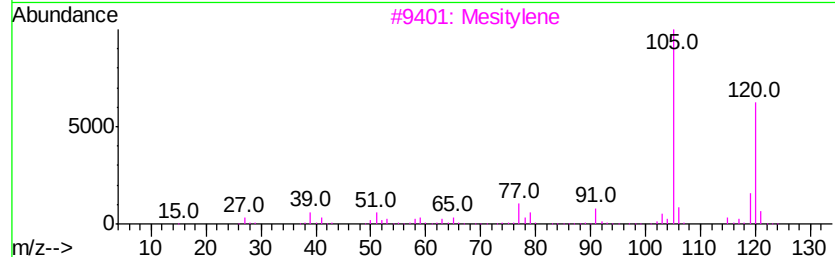
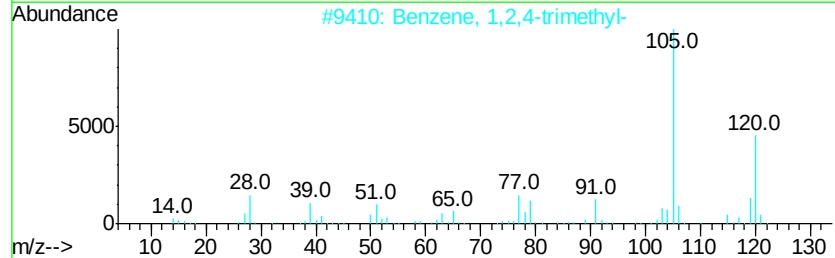
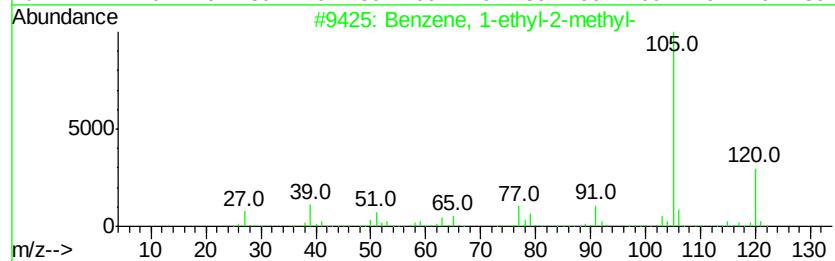
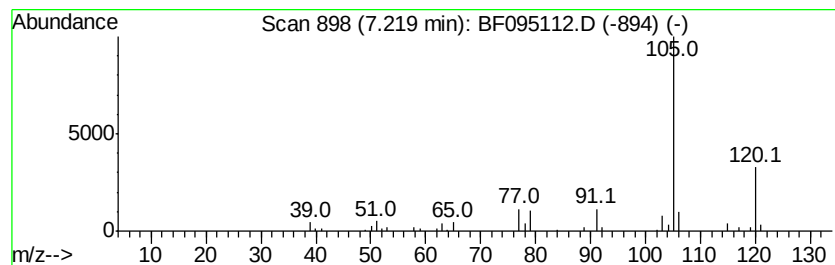
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	4.15 ng	107477	1,4-Dichlorobenzene-d4	7.70

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



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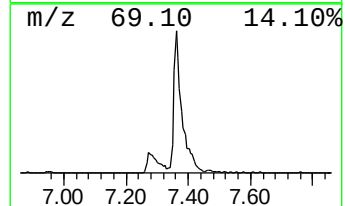
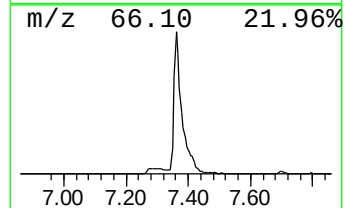
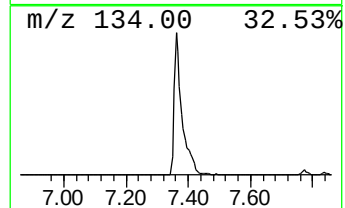
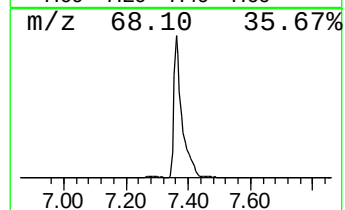
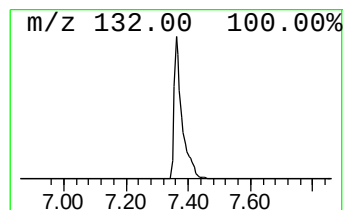
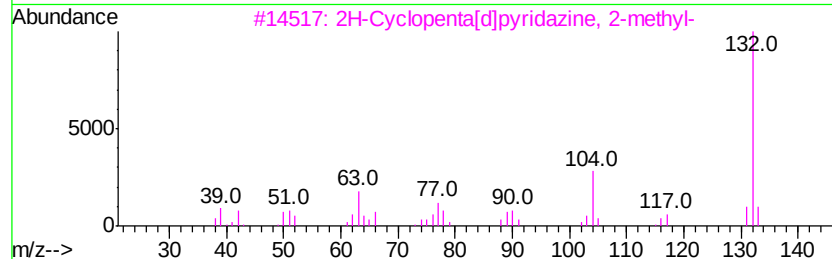
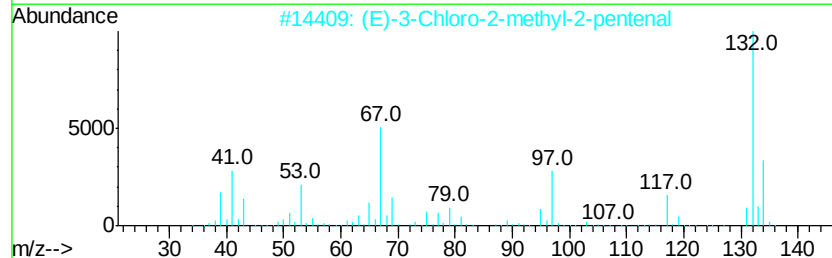
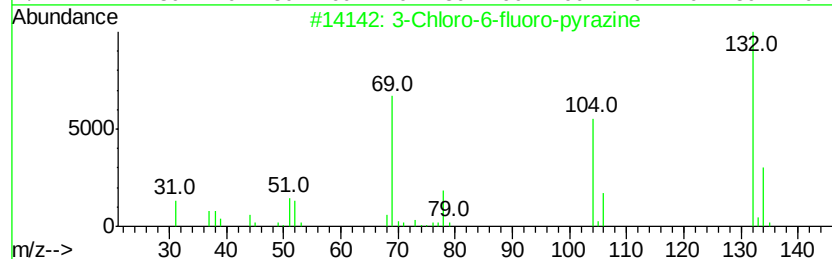
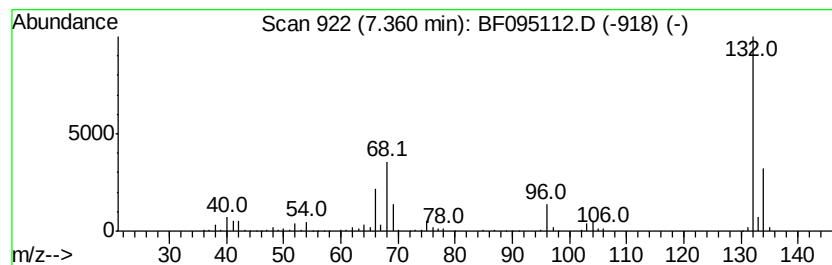
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	58.80 ng	1523990	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38		
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35		
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9		
4	Xenon	132	Xe	007440-63-3	9		
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095112.D
Acq On : 12 May 2017 15:17
Operator : SJ/MA
Sample : I3100-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3A-051017

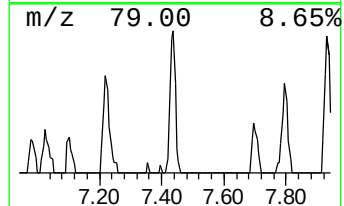
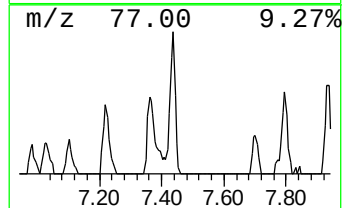
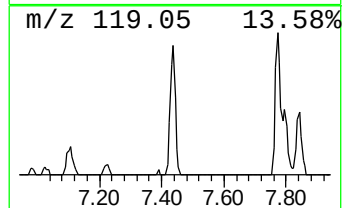
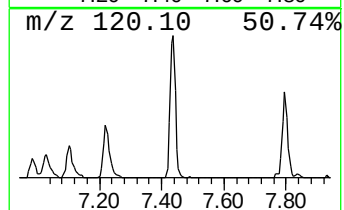
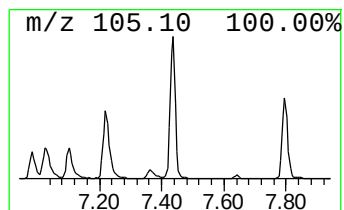
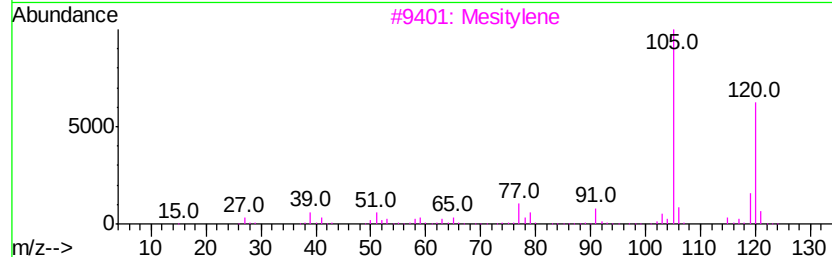
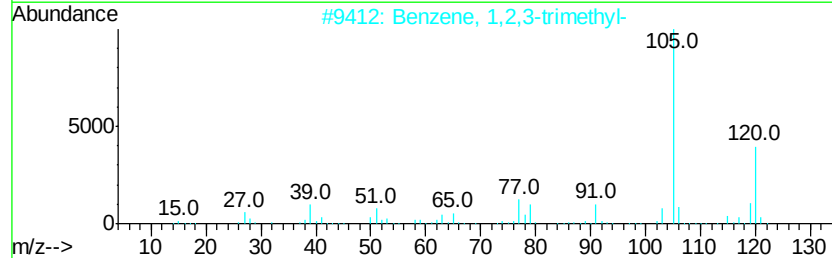
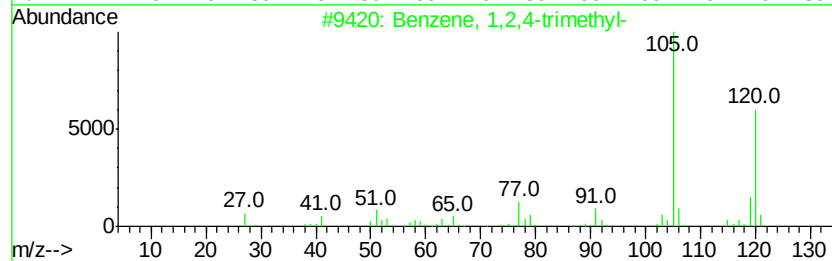
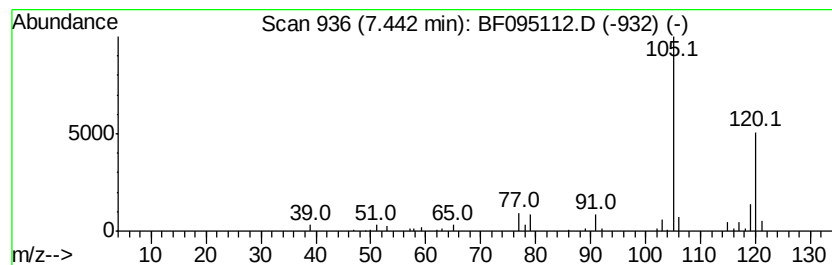
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	9.05 ng	234477	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3		Mesitylene	120	C9H12	000108-67-8	90
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095112.D
Acq On : 12 May 2017 15:17
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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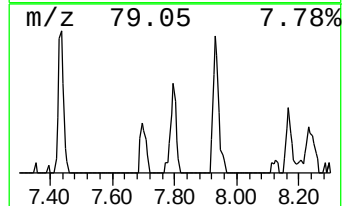
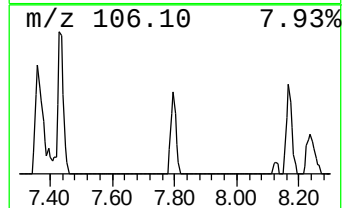
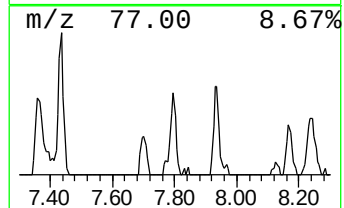
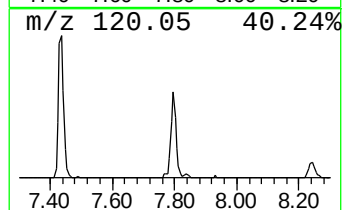
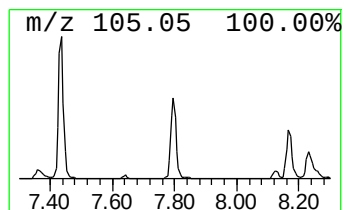
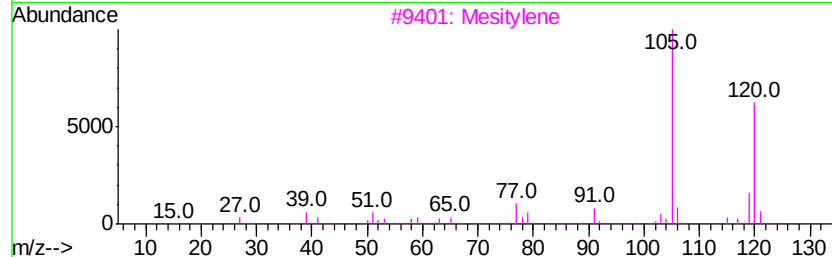
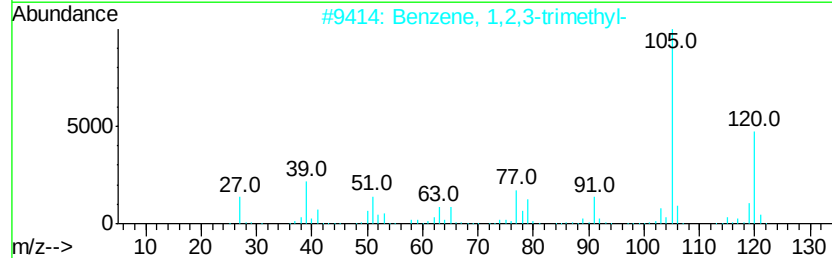
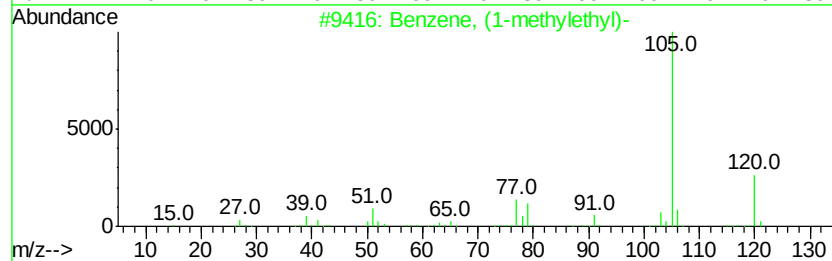
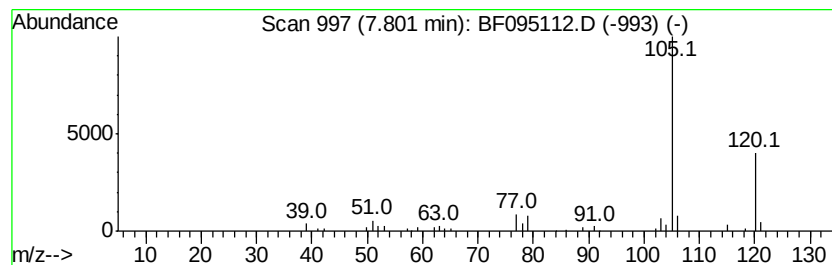
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	4.66 ng	120721	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3		Mesitylene	120	C9H12	000108-67-8	87
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095112.D
Acq On : 12 May 2017 15:17
Operator : SJ/MA
Sample : I3100-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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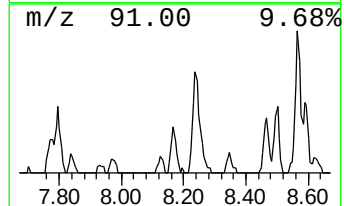
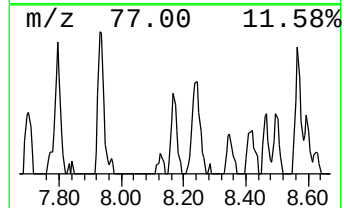
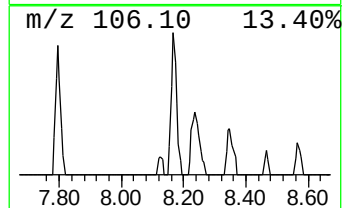
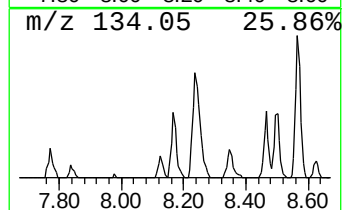
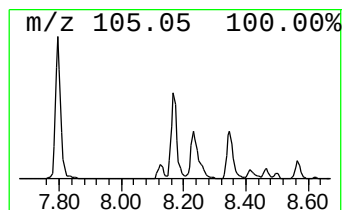
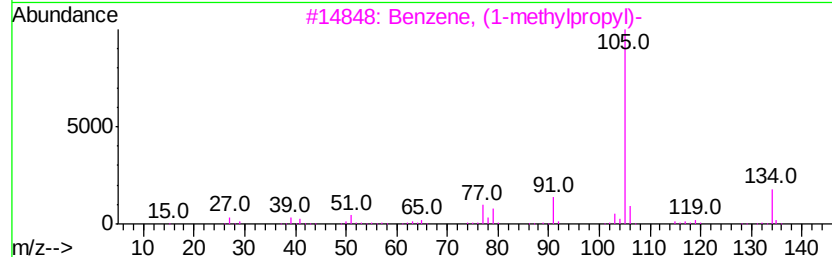
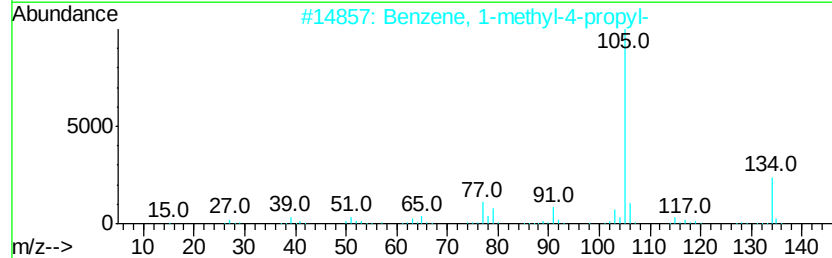
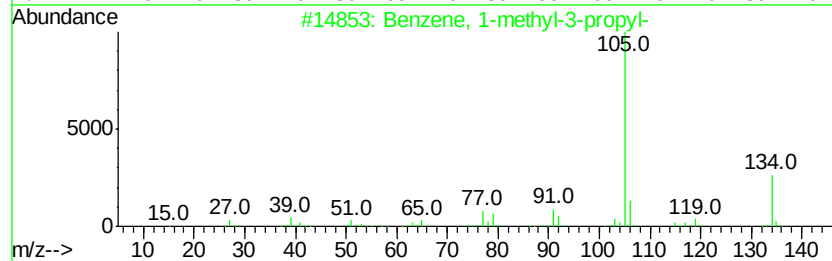
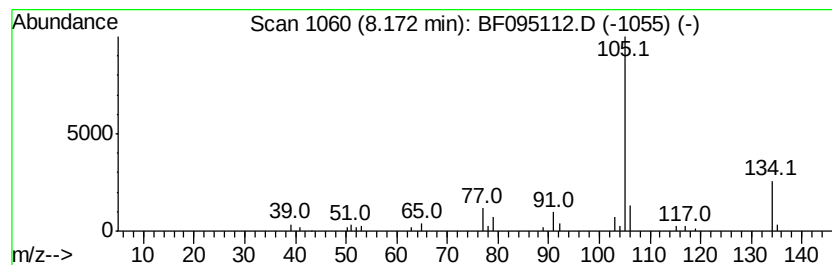
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	2.37 ng	61348	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4		2-Tolylloxirane	134	C9H10O	002783-26-8	87
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095112.D
Acq On : 12 May 2017 15:17
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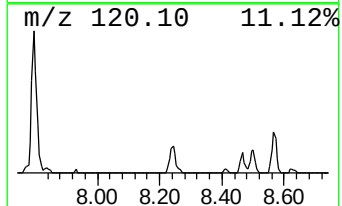
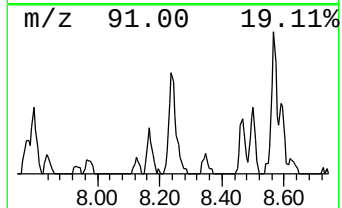
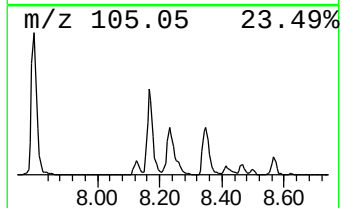
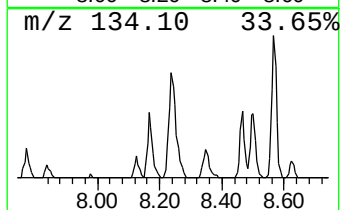
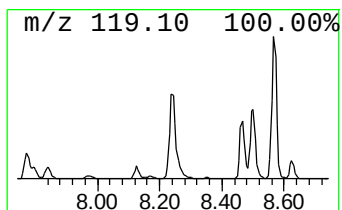
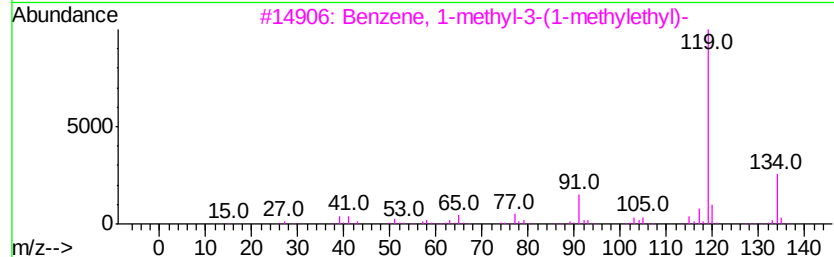
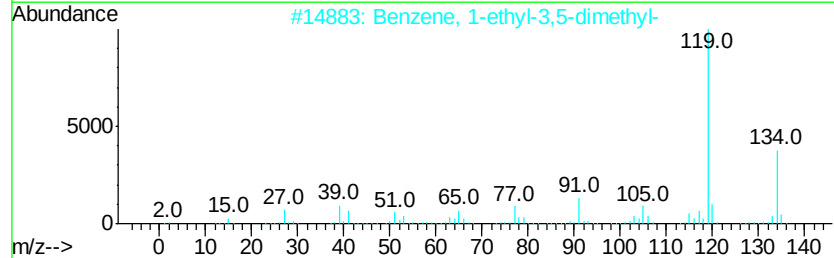
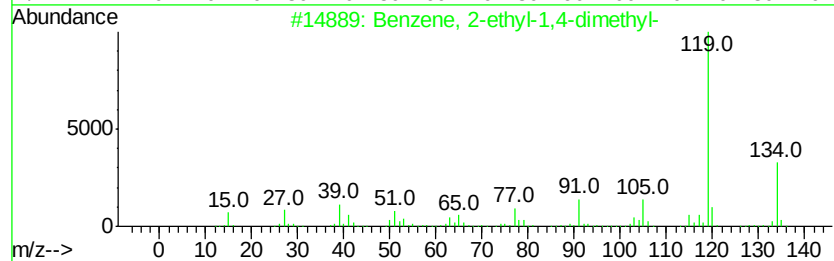
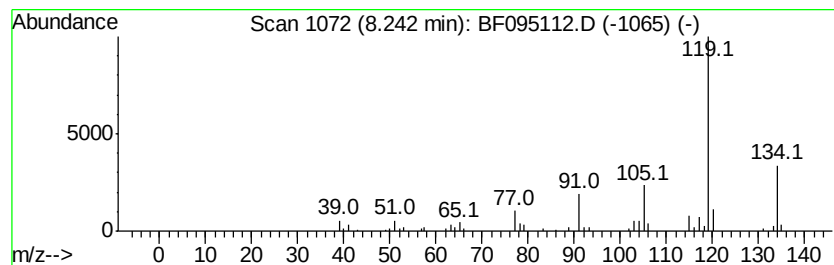
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	5.52 ng	142971	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051217\
Data File : BF095112.D
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Instrument :
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ClientSampleId :
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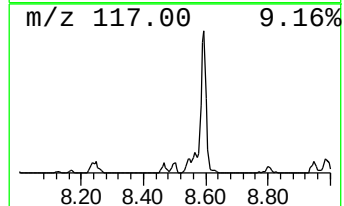
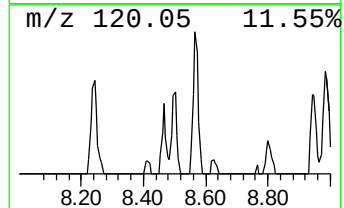
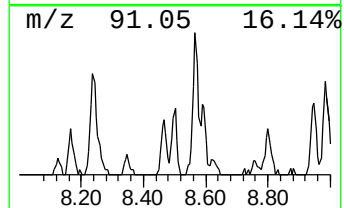
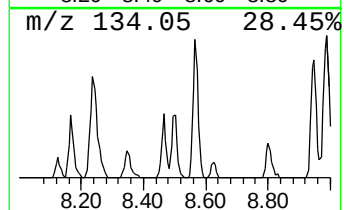
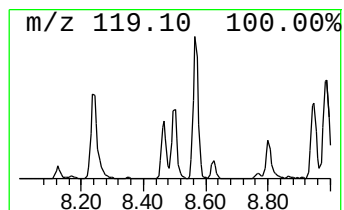
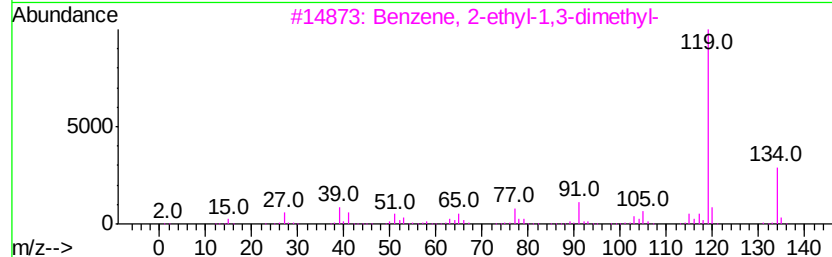
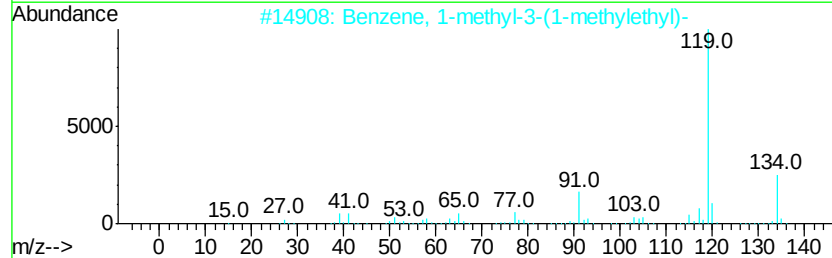
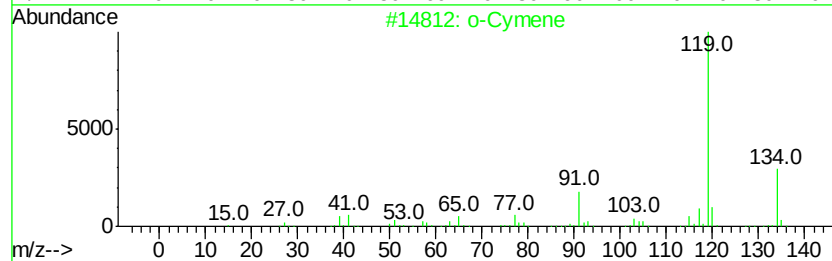
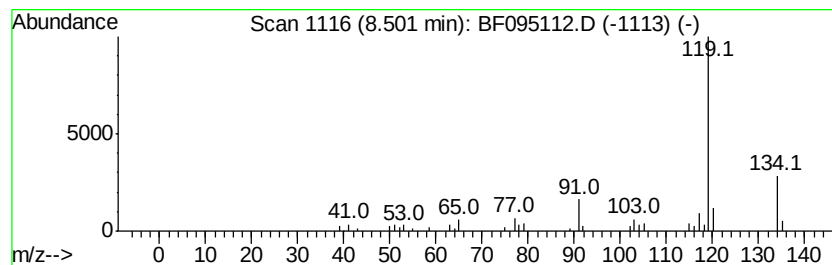
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	2.46 ng	63787	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
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ClientSampleId :
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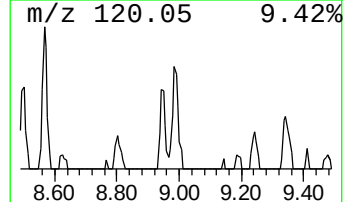
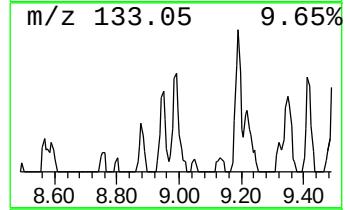
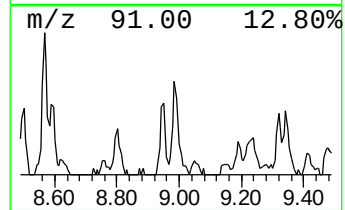
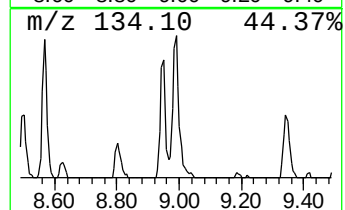
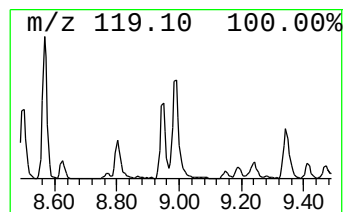
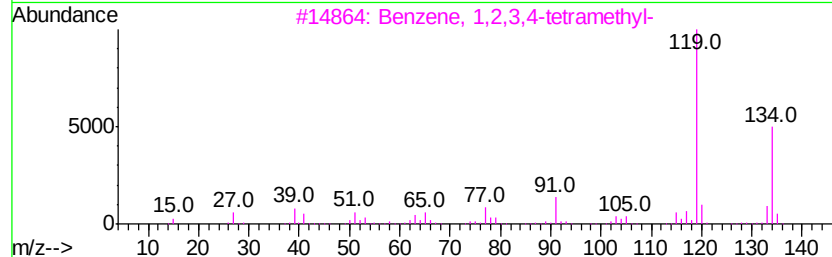
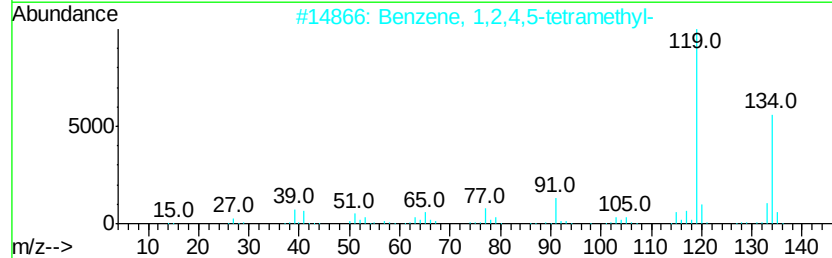
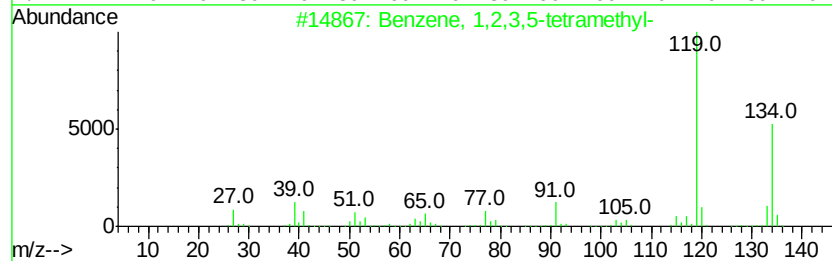
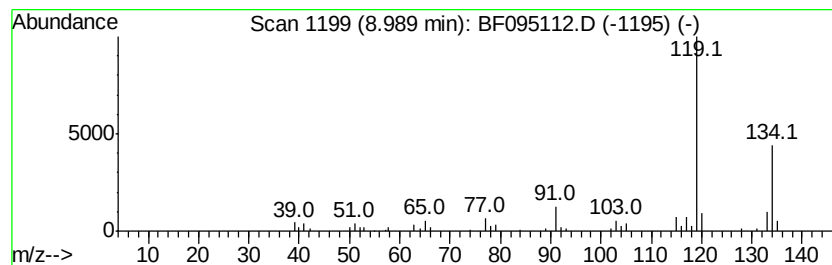
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	3.01 ng	129714	Napthalene-d8	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095112.D
Acq On : 12 May 2017 15:17
Operator : SJ/MA
Sample : I3100-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3A-051017

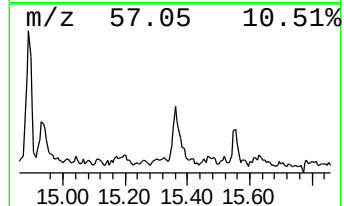
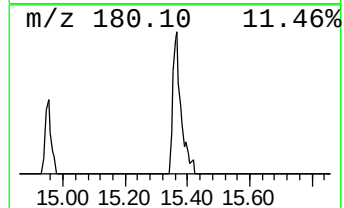
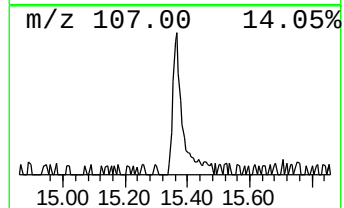
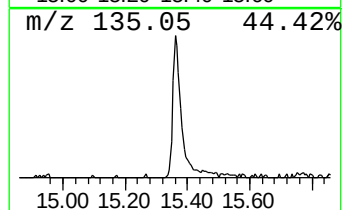
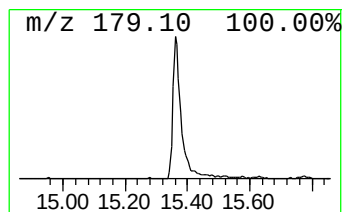
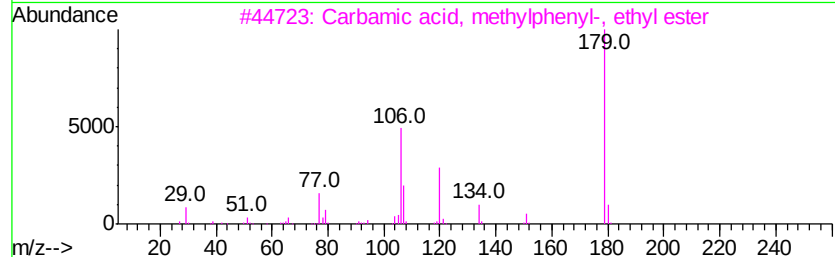
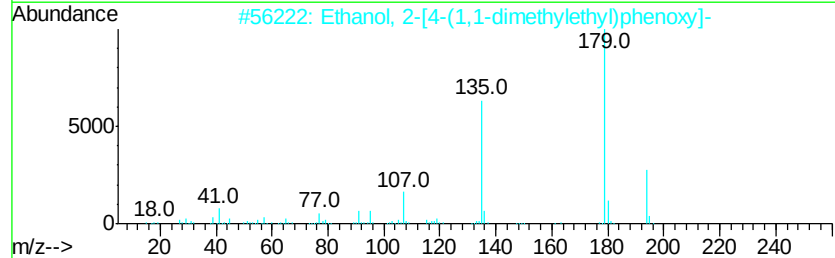
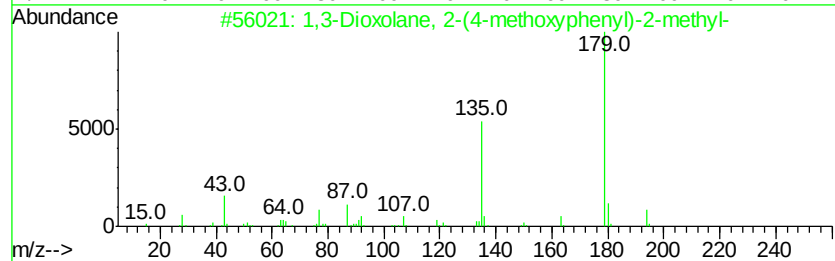
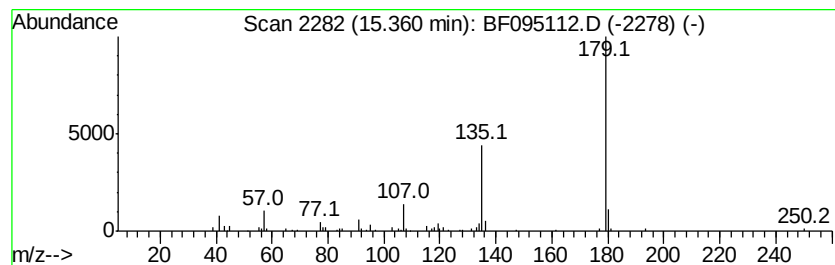
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,3-Dioxolane, 2-(4-methoxy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	3.92 ng	162776	Phenanthrene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxolane, 2-(4-methoxyphenyl)-2-methyl-	194	C11H14O3	036881-00-2	56
2		Ethanol, 2-[4-(1,1-dimethylethyl)phenoxy]-	194	C12H18O2	000713-46-2	47
3		Carbamic acid, methylphenyl-, ethyl ester	179	C10H13NO2	002621-79-6	43
4		2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	40
5		[2-(4-Methoxy-phenyl)-[1,3]dioxo...	238	C12H14O5	1000193-22-2	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051217\
Data File : BF095112.D
Acq On : 12 May 2017 15:17
Operator : SJ/MA
Sample : I3100-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3A-051017

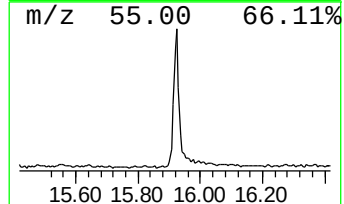
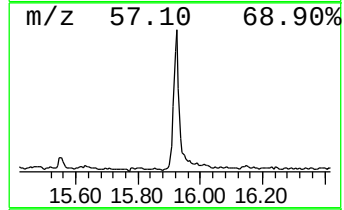
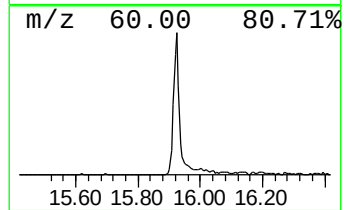
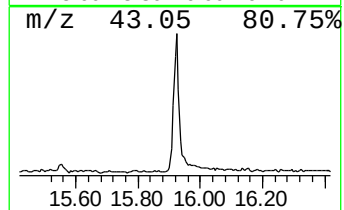
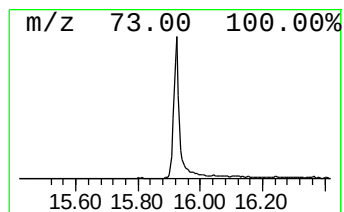
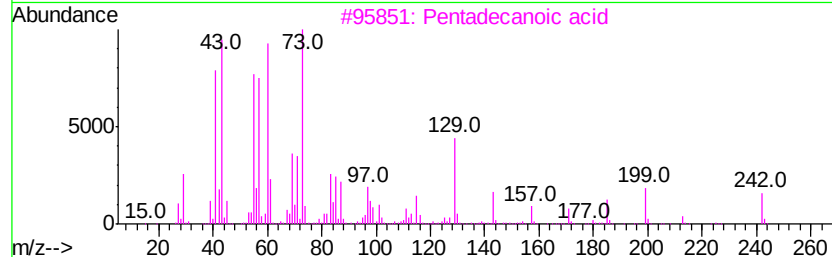
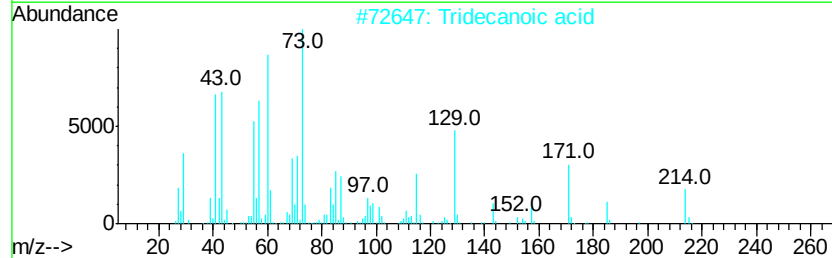
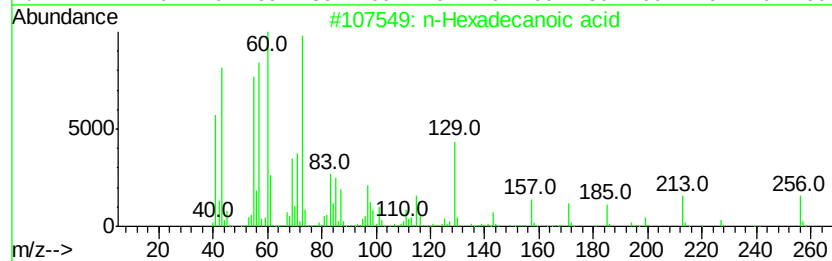
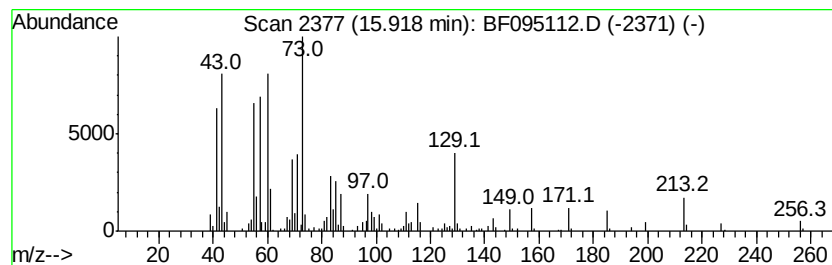
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	14.61 ng	606197	Phenanthrene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095112.D
Acq On : 12 May 2017 15:17
Operator : SJ/MA
Sample : I3100-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-3A-051017

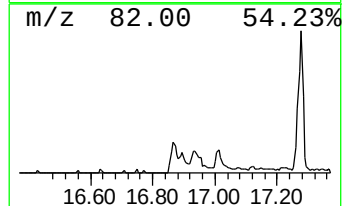
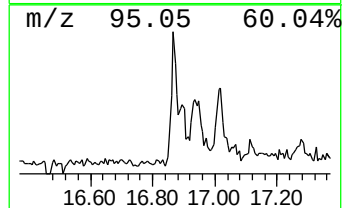
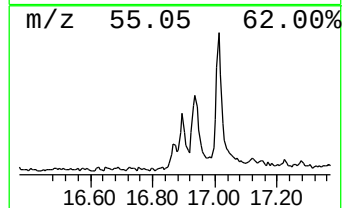
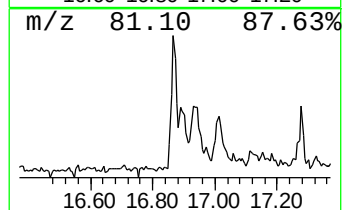
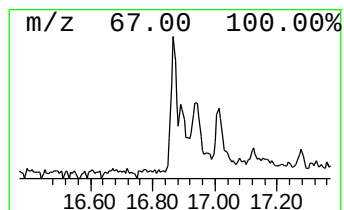
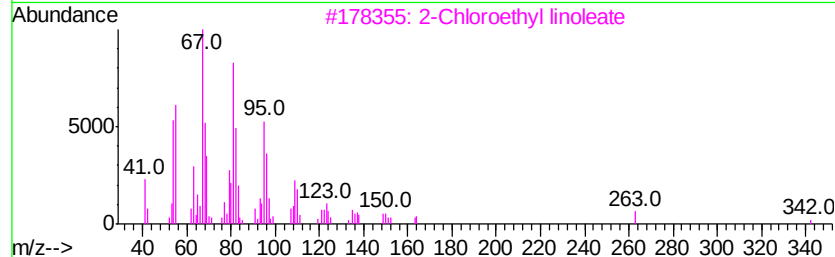
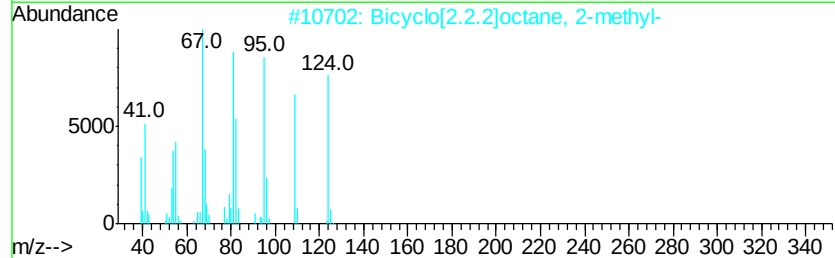
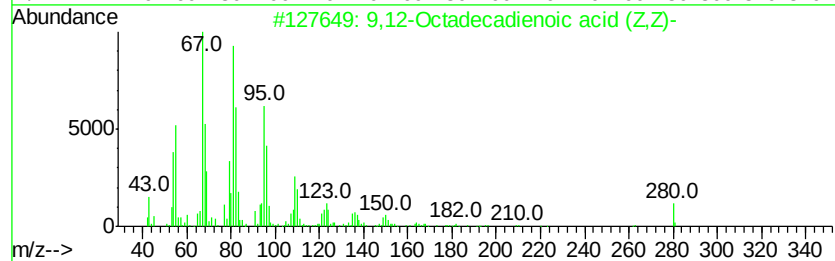
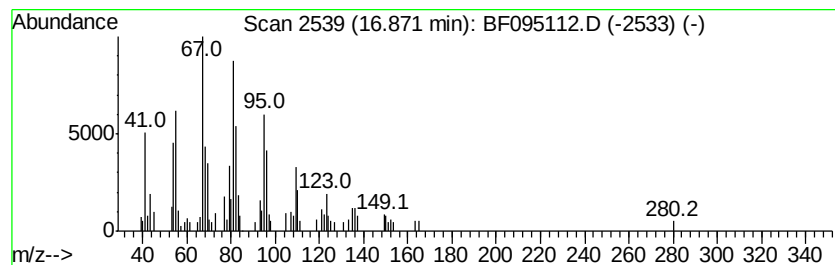
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid (... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	3.14 ng	116607	Chrysene-d12	18.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2			Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	87
3			2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	83
4			1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	68
5			9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095112.D
Acq On : 12 May 2017 15:17
Operator : SJ/MA
Sample : I3100-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

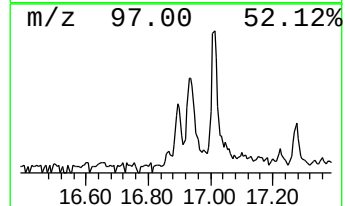
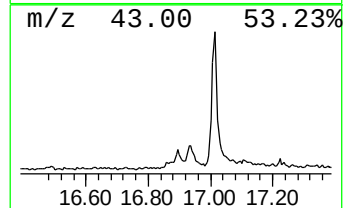
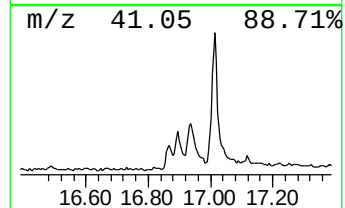
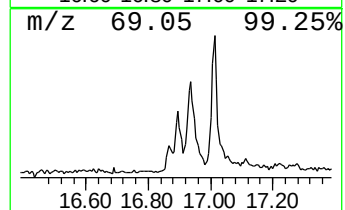
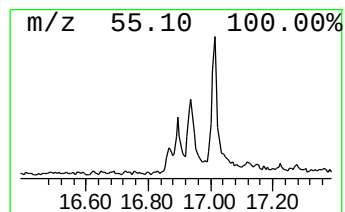
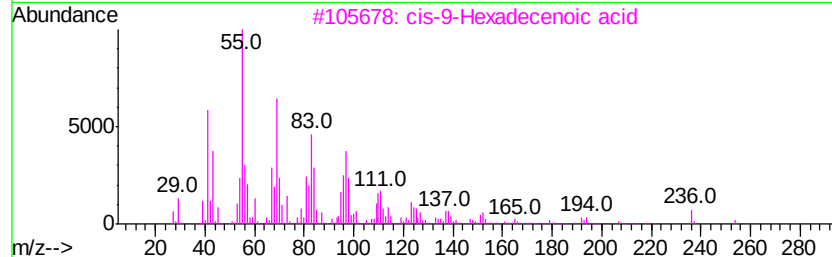
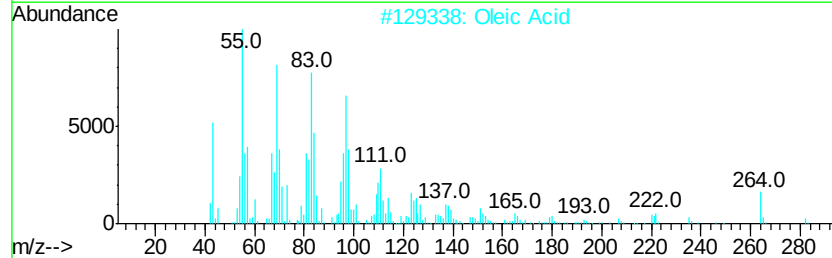
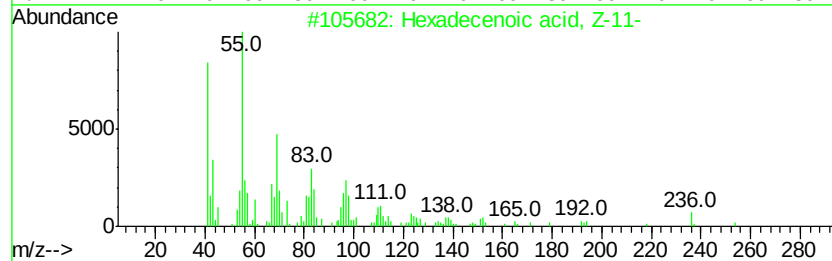
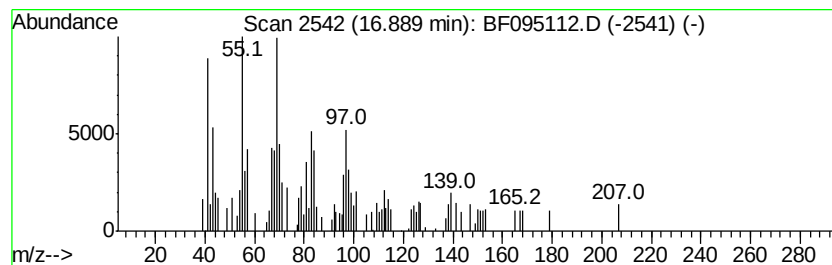
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecenoic acid, Z-11- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.89	3.52 ng	130652	Chrysene-d12		18.62		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	72
2			Oleic Acid	282	C18H34O2	000112-80-1	64
3			cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	64
4			1-Tetradecanol	214	C14H30O	000112-72-1	52
5			Cyclotetradecane	196	C14H28	000295-17-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095112.D
Acq On : 12 May 2017 15:17
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Misc :
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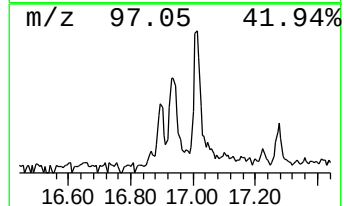
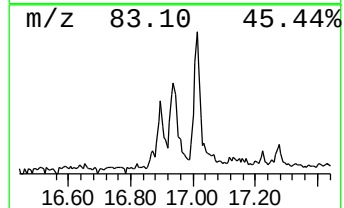
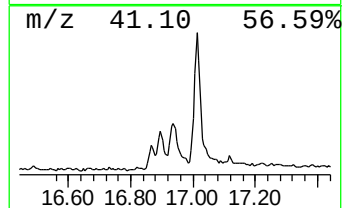
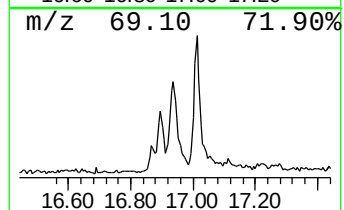
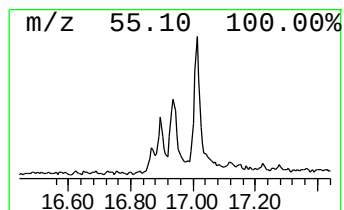
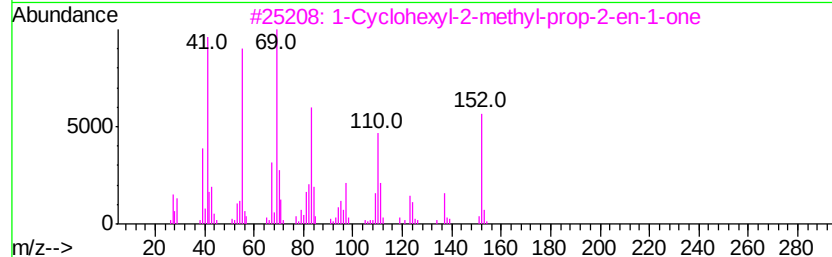
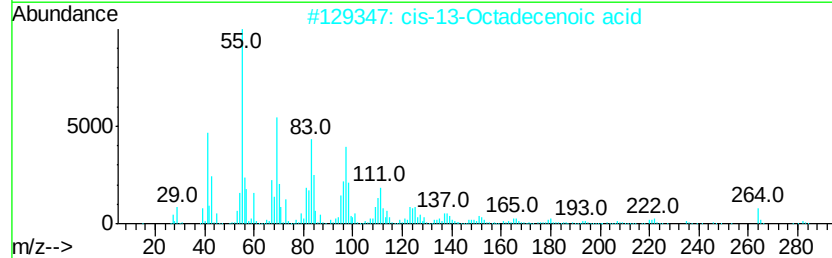
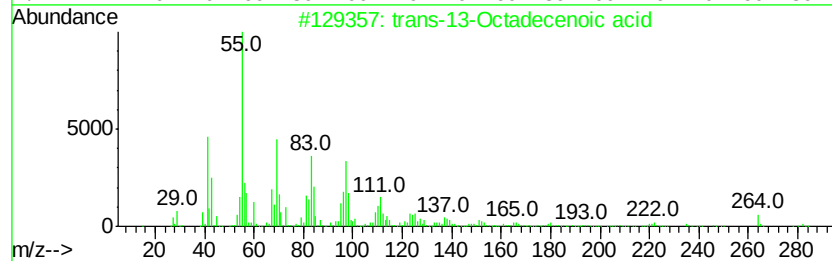
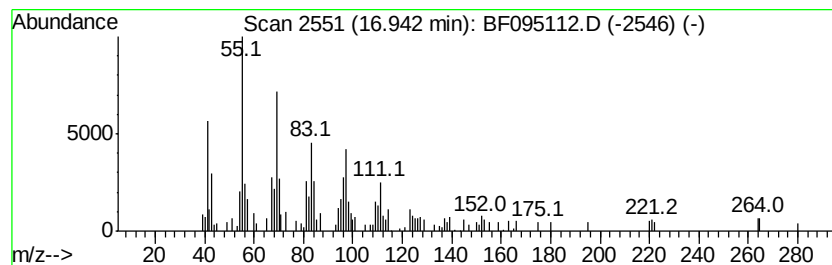
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 trans-13-Octadecenoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	6.43 ng	239062	Chrysene-d12	18.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	60
2		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	60
3		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	60
4		Oleic Acid	282	C18H34O2	000112-80-1	58
5		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
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Acq On : 12 May 2017 15:17
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Sample : I3100-05
Misc :
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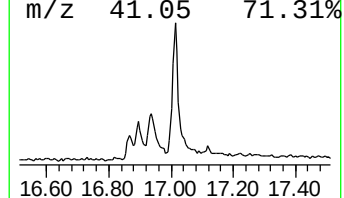
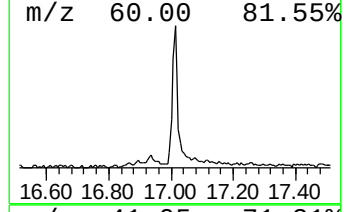
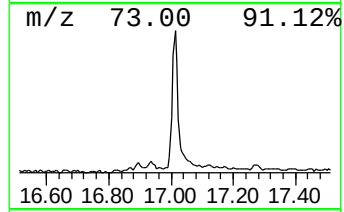
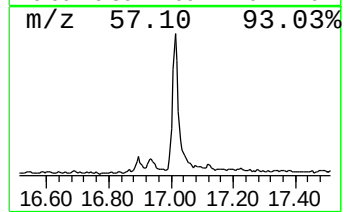
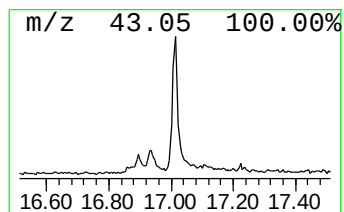
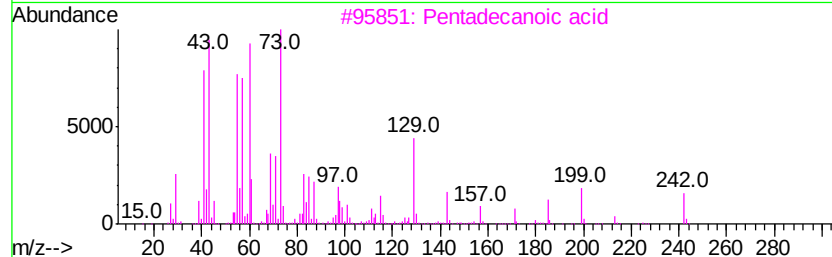
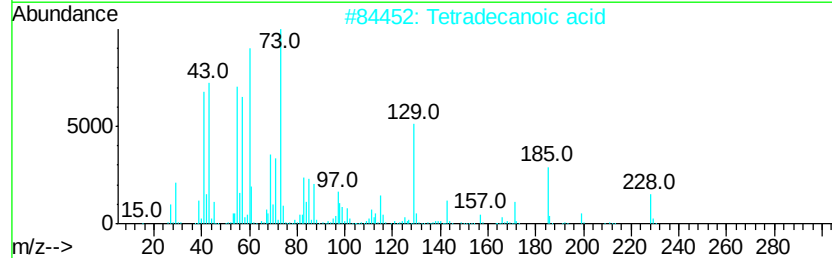
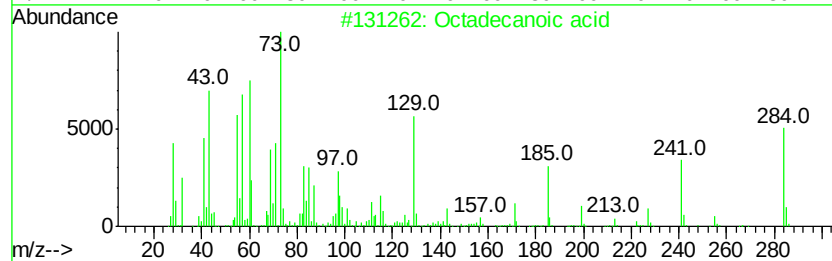
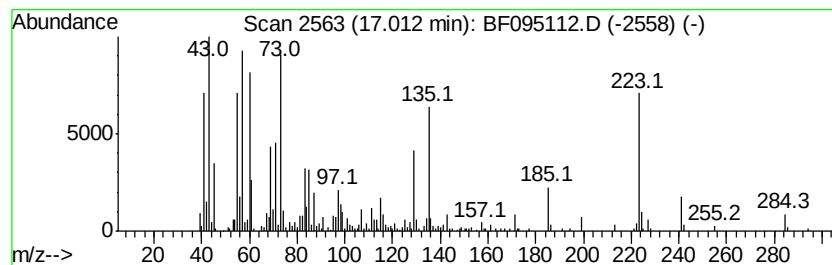
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	18.78 ng	698114	Chrysene-d12	18.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanoic acid	284 C18H36O2	000057-11-4 99
2		Tetradecanoic acid	228 C14H28O2	000544-63-8 58
3		Pentadecanoic acid	242 C15H30O2	001002-84-2 58
4		Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294 C18H30O3	002315-61-9 53
5		Undecanoic acid	186 C11H22O2	000112-37-8 53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095112.D
Acq On : 12 May 2017 15:17
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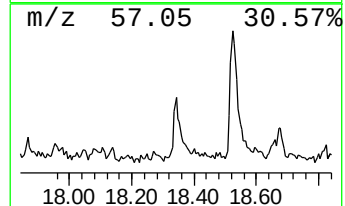
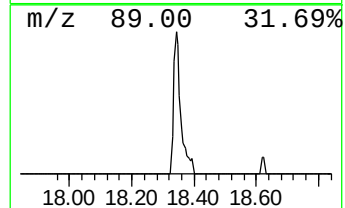
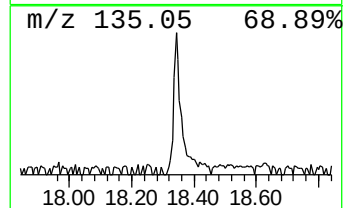
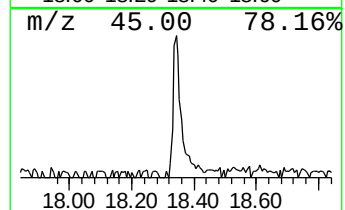
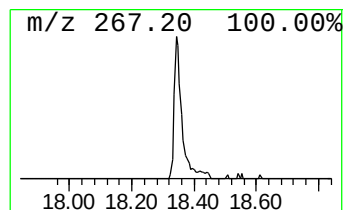
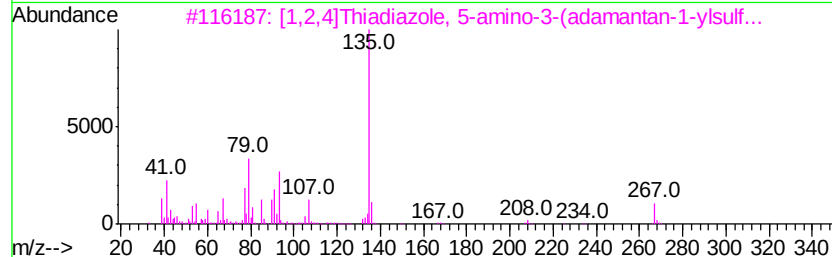
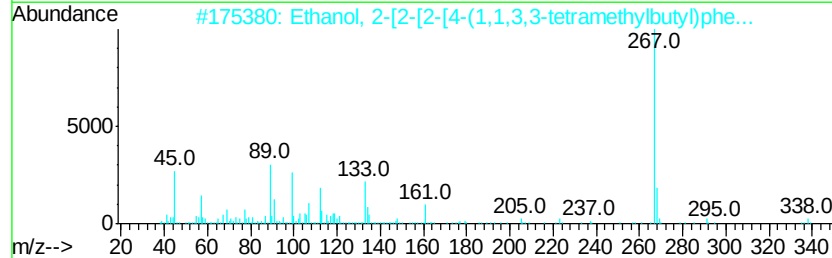
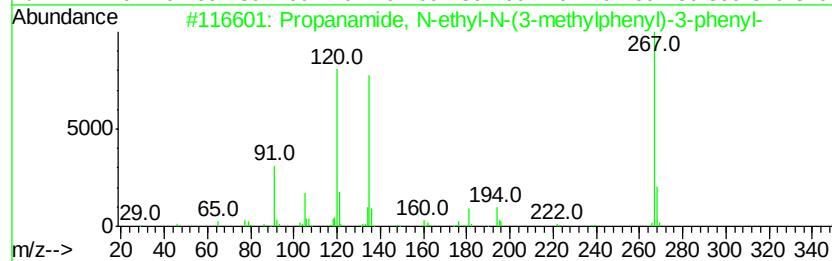
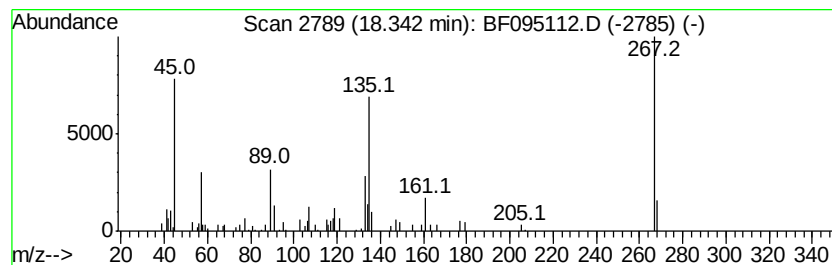
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Propanamide, N-ethyl-N-(3-m... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.75 ng	102293	Chrysene-d12	18.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanamide, N-ethyl-N-(3-methyl...	267	C18H21NO	1000308-21-3	58
2		Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	46
3		[1,2,4]Thiadiazole, 5-amino-3-(a...	267	C12H17N3S2	1000316-42-5	32
4		13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	25
5		7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	16



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095112.D
Acq On : 12 May 2017 15:17
Operator : SJ/MA
Sample : I3100-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3A-051017

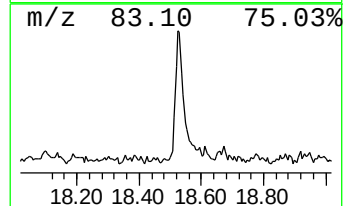
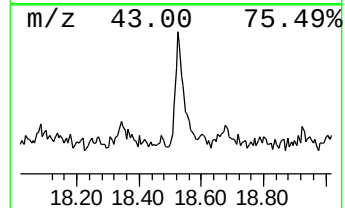
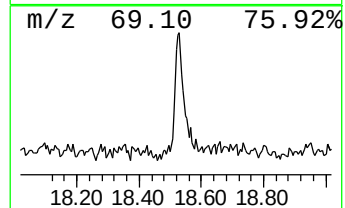
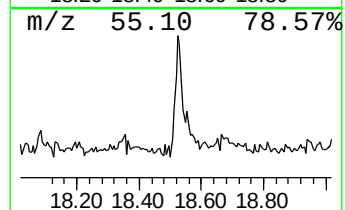
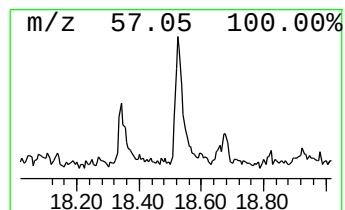
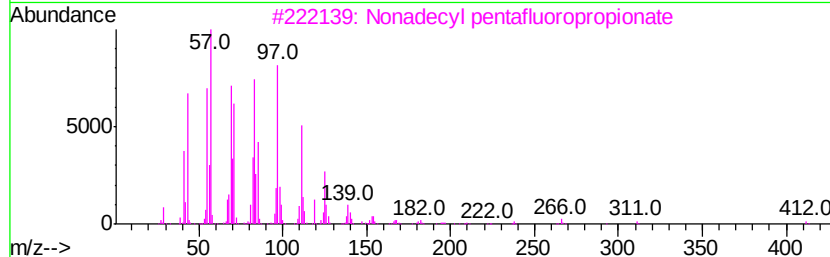
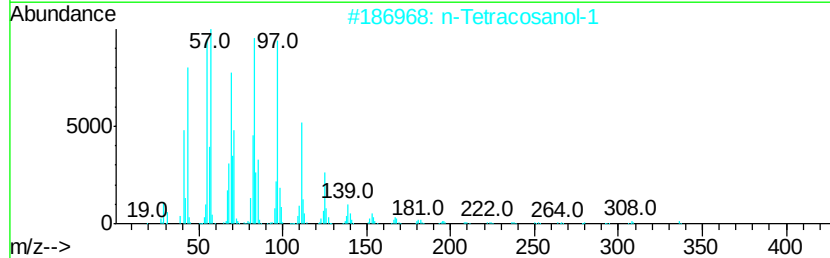
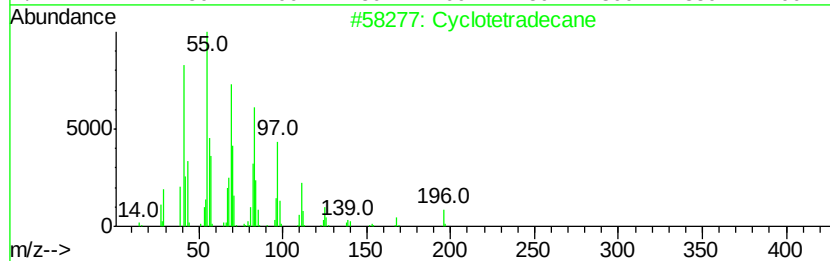
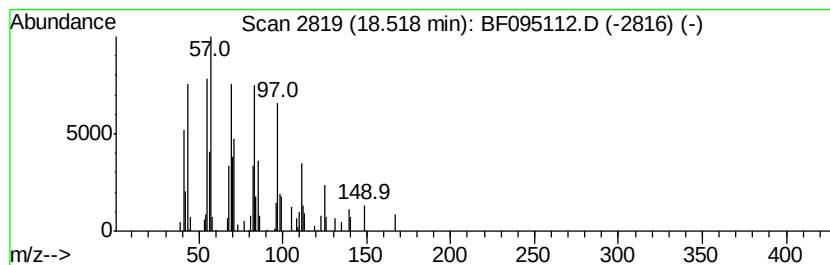
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cyclotetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	3.72 ng	138229	Chrysene-d12	18.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	93
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5			1-Heneicosanol	312	C21H44O	015594-90-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051217\
 Data File : BF095112.D
 Acq On : 12 May 2017 15:17
 Operator : SJ/MA
 Sample : I3100-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3A-051017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
unknown4.99	4.99	3.9	ng	101864	1	7.70	518364	20.0
unknown5.55	5.55	3.4	ng	86990	1	7.70	518364	20.0
p-Xylene	5.90	3.0	ng	78633	1	7.70	518364	20.0
Benzene, 1-ethyl-...	7.22	4.2	ng	107477	1	7.70	518364	20.0
unknown7.36	7.36	58.8	ng	1523990	1	7.70	518364	20.0
Benzene, 1,2,4-tr...	7.44	9.1	ng	234477	1	7.70	518364	20.0
Benzene, (1-methy...	7.80	4.7	ng	120721	1	7.70	518364	20.0
Benzene, 1-methyl...	8.17	2.4	ng	61348	1	7.70	518364	20.0
Benzene, 2-ethyl-...	8.24	5.5	ng	142971	1	7.70	518364	20.0
o-Cymene	8.50	2.5	ng	63787	1	7.70	518364	20.0
Benzene, 1,2,3,5-...	8.99	3.0	ng	129714	2	9.72	861681	20.0
1,3-Dioxolane, 2-...	15.36	3.9	ng	162776	4	14.95	829905	20.0
n-Hexadecanoic acid	15.92	14.6	ng	606197	4	14.95	829905	20.0
9,12-Octadecadien...	16.87	3.1	ng	116607	5	18.62	743360	20.0
Hexadecenoic acid...	16.89	3.5	ng	130652	5	18.62	743360	20.0
trans-13-Octadece...	16.94	6.4	ng	239062	5	18.62	743360	20.0
Octadecanoic acid	17.01	18.8	ng	698114	5	18.62	743360	20.0
Propanamide, N-et...	18.34	2.8	ng	102293	5	18.62	743360	20.0
Cyclotetradecane	18.52	3.7	ng	138229	5	18.62	743360	20.0