

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104033.D
 Acq On : 29 Mar 2018 1:32
 Operator : JU/SJ
 Sample : J2085-01 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WO-RO-1499

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-BF032818.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	2.252	25	28	34	rVB	21203	26089	2.41%	0.220%
2	5.604	594	598	620	rBV	91280	357867	33.13%	3.024%
3	6.239	702	706	709	rBV	145803	135454	12.54%	1.145%
4	6.604	764	768	775	rBV	134776	312450	28.92%	2.641%
5	6.657	775	777	783	rVB	121153	128177	11.87%	1.083%
6	6.739	788	791	817	rVB	319911	573534	53.09%	4.847%
7	6.969	826	830	845	rBV	417124	639322	59.18%	5.403%
8	7.122	853	856	870	rVB	287867	363617	33.66%	3.073%
9	7.534	922	926	940	rBV	124712	273571	25.32%	2.312%
10	8.245	1044	1047	1066	rBV	643523	846951	78.40%	7.158%
11	9.063	1183	1186	1190	rBV3	26556	27836	2.58%	0.235%
12	9.233	1212	1215	1216	rBV2	20946	20876	1.93%	0.176%
13	9.245	1216	1217	1223	rVB2	27342	20959	1.94%	0.177%
14	9.316	1226	1229	1238	rVV	463888	531853	49.23%	4.495%
15	9.386	1238	1241	1245	rVB5	40093	48493	4.49%	0.410%
16	9.428	1245	1248	1249	rBV2	20261	22541	2.09%	0.191%
17	9.463	1252	1254	1256	rBV2	23667	21084	1.95%	0.178%
18	9.633	1279	1283	1286	rBV6	58365	109412	10.13%	0.925%
19	9.704	1292	1295	1298	rBV3	226772	238383	22.07%	2.015%
20	9.863	1319	1322	1324	rBV3	112707	111547	10.33%	0.943%
21	9.910	1327	1330	1333	rVB3	180297	202922	18.78%	1.715%
22	10.004	1340	1346	1352	rBV2	779058	1080294	100.00%	9.130%
23	10.175	1373	1375	1377	rBV2	88888	70171	6.50%	0.593%
24	10.410	1412	1415	1418	rVB2	232088	202427	18.74%	1.711%
25	10.639	1450	1454	1457	rBV	313524	349437	32.35%	2.953%
26	10.804	1479	1482	1485	rBV	226787	276999	25.64%	2.341%
27	10.904	1496	1499	1502	rVB	863239	750354	69.46%	6.342%
28	11.369	1575	1578	1581	rBV	457171	482367	44.65%	4.077%
29	11.504	1598	1601	1604	rBV	542932	575123	53.24%	4.861%
30	13.086	1867	1870	1876	rVB	356313	389156	36.02%	3.289%
31	13.892	2005	2007	2013	rVB	106929	101518	9.40%	0.858%
32	14.115	2043	2045	2048	rVB	113248	97379	9.01%	0.823%
33	14.157	2048	2052	2060	rVB	607270	669160	61.94%	5.655%
34	14.480	2104	2107	2110	rBV	189955	192094	17.78%	1.623%

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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-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.521	2111	2114	2117	rBV	137115	128983	11.94%	1.090%
36	14.733	2147	2150	2154	rVB	323535	339801	31.45%	2.872%
37	15.121	2213	2216	2220	rVB	186349	199415	18.46%	1.685%
38	15.268	2238	2241	2245	rVB2	213656	245585	22.73%	2.076%
39	15.433	2266	2269	2279	rVB	151701	199867	18.50%	1.689%
40	15.704	2311	2315	2327	rVB2	285527	469323	43.44%	3.966%

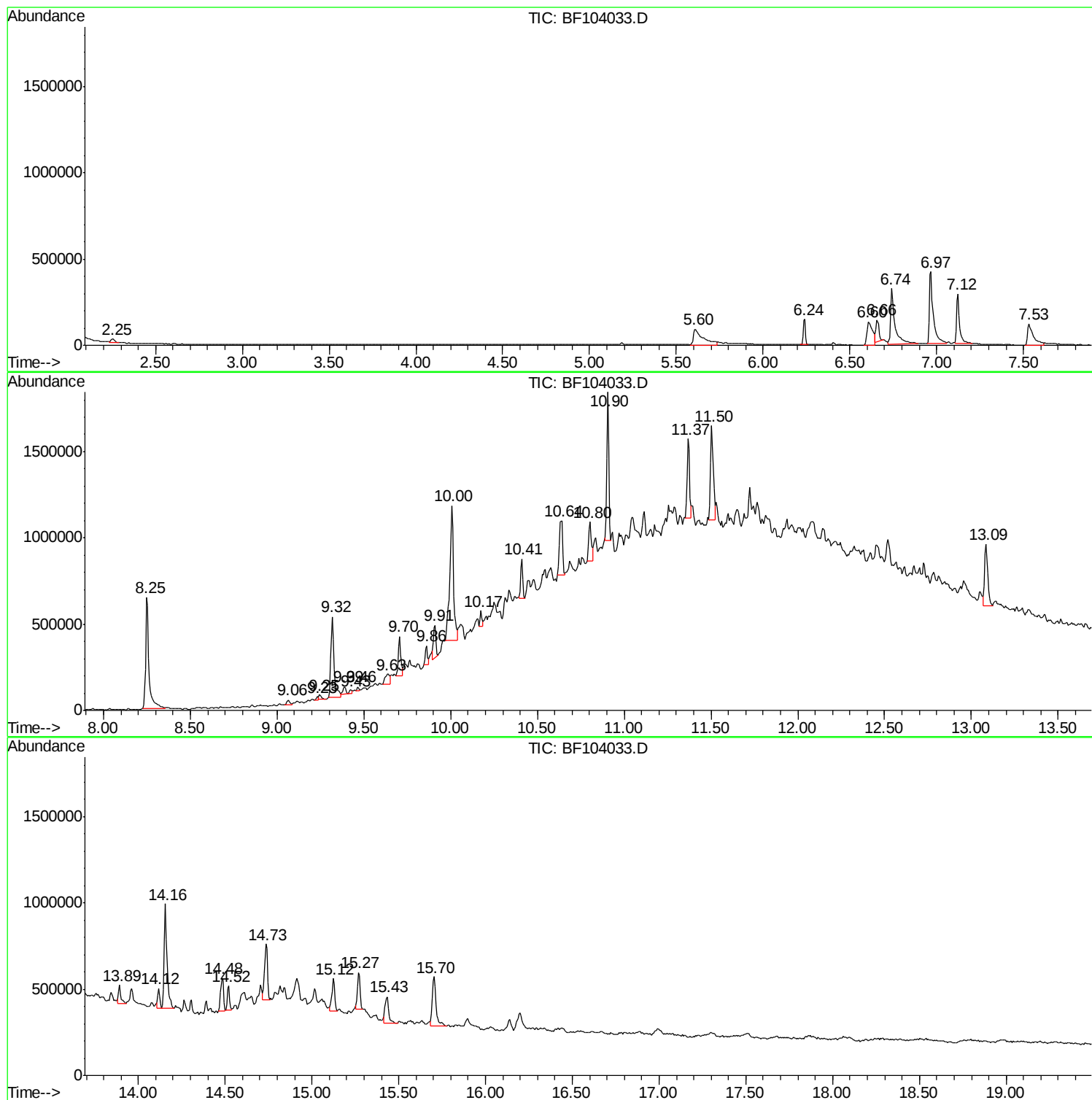
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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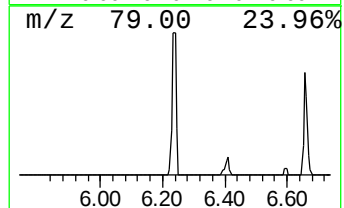
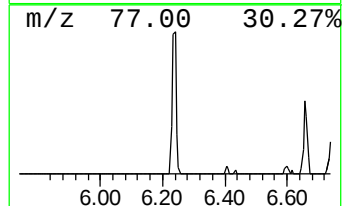
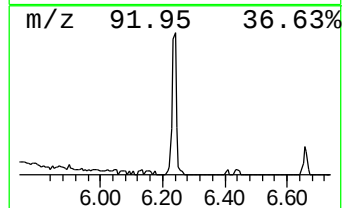
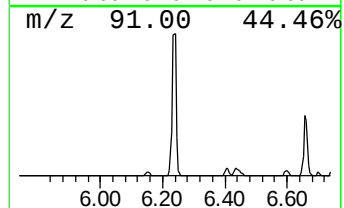
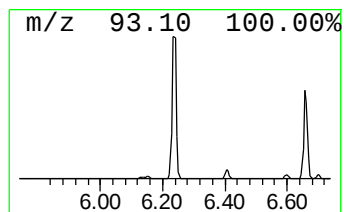
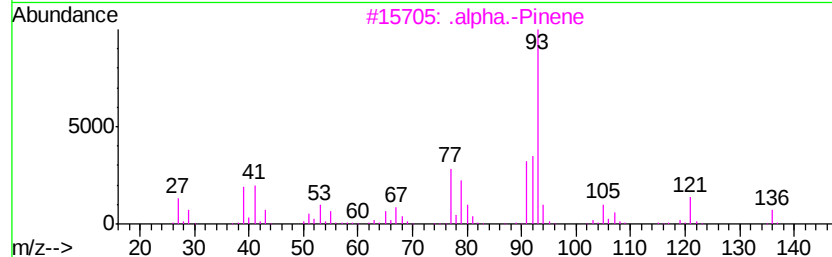
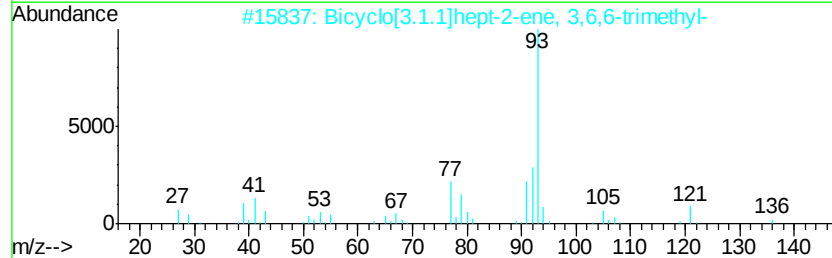
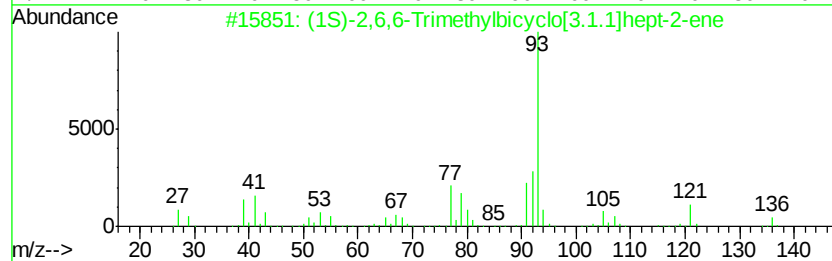
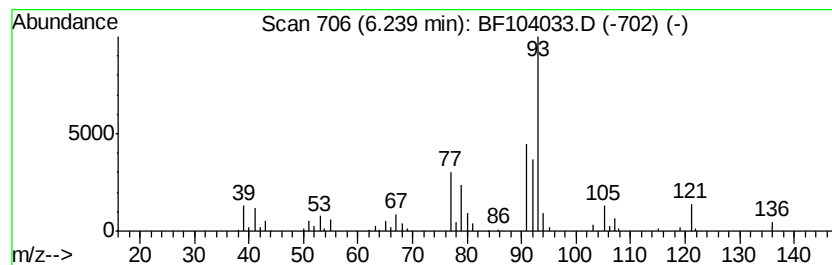
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	4.24 ng	135454	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	97
2		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	94
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	92
5		Tricyclo[2.2.1.0(2,6)]heptane, 1,4-dichloro-	136	C10H16	000508-32-7	91



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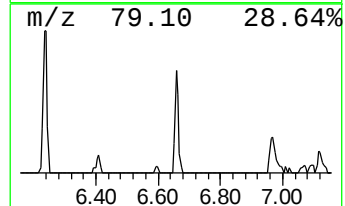
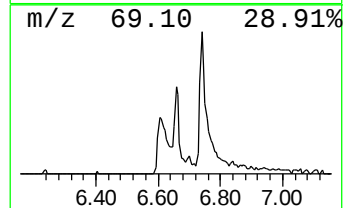
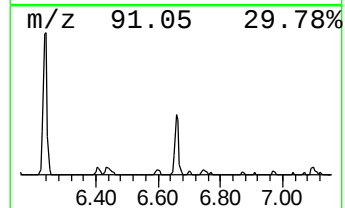
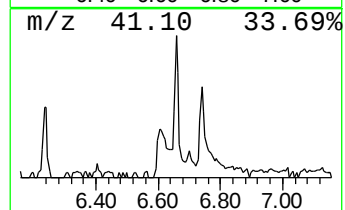
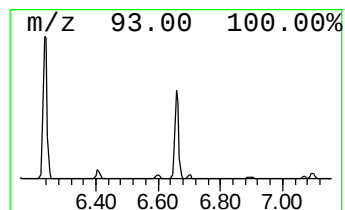
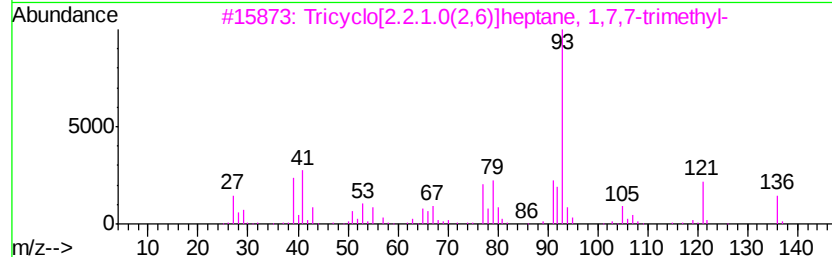
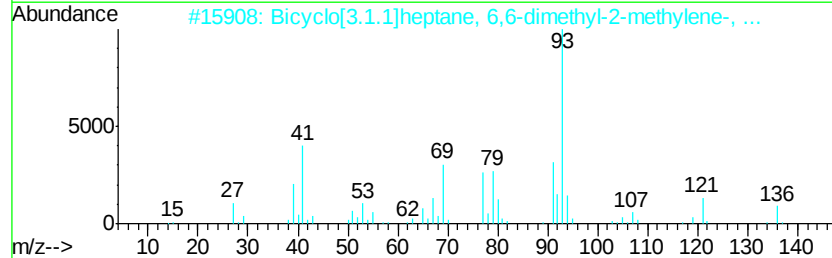
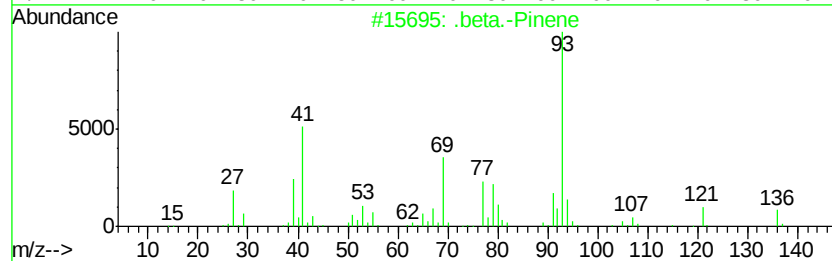
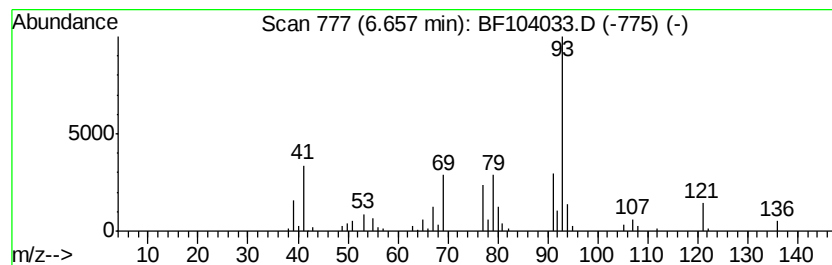
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 .beta.-Pinene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.66	4.01 ng	128177	1,4-Dichlorobenzene-d4	6.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	91
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	86
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	83



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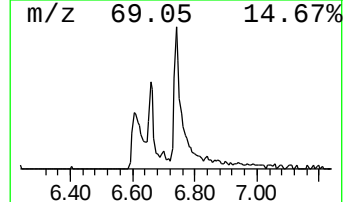
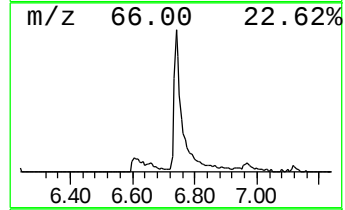
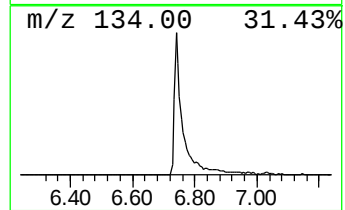
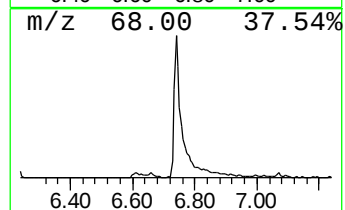
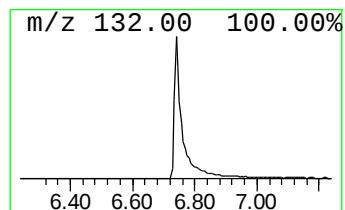
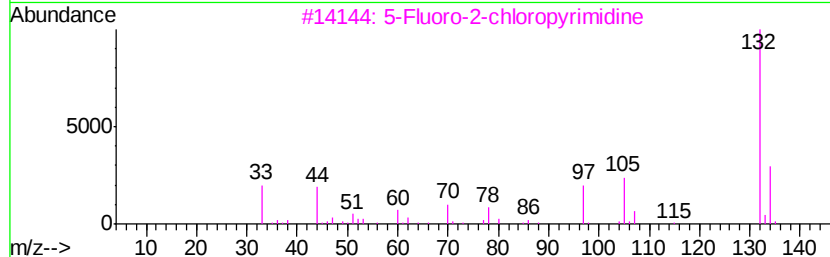
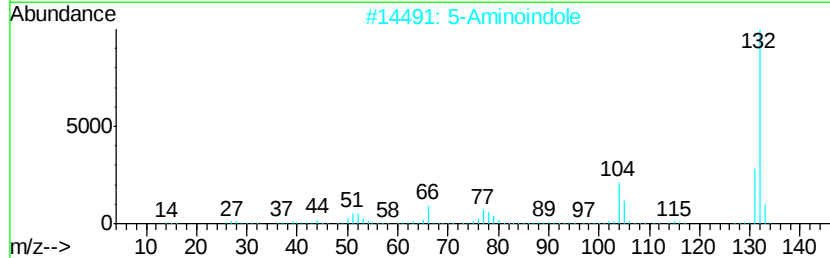
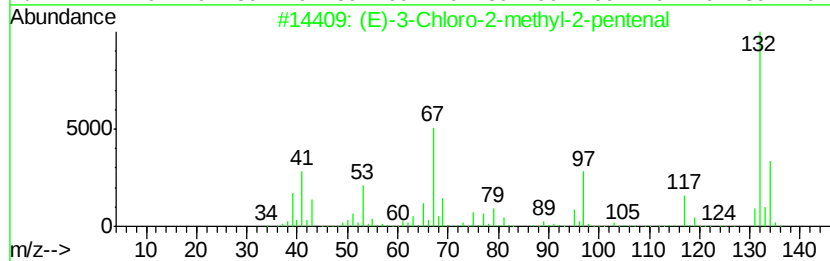
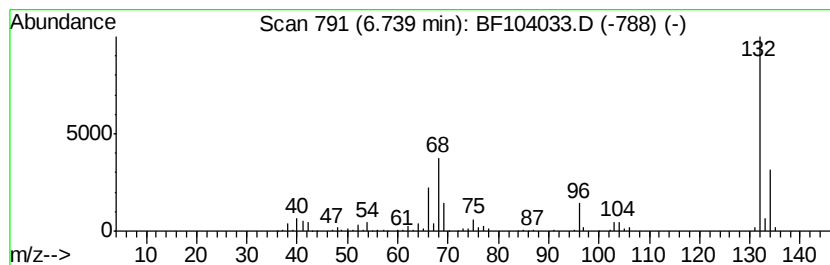
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	17.94 ng	573534	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17		
2	5-Aminoindole	132	C8H8N2	005192-03-0	10		
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9		
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9		
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9		



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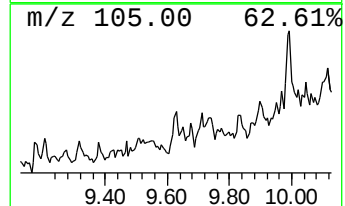
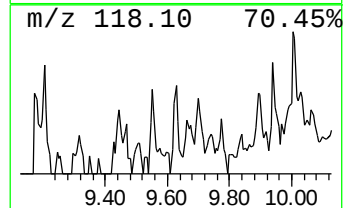
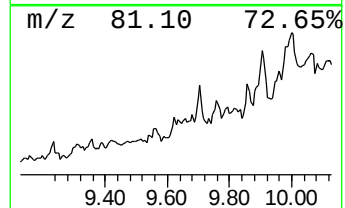
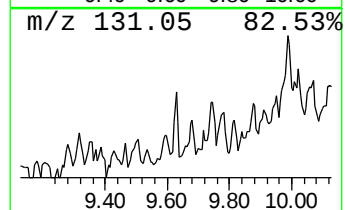
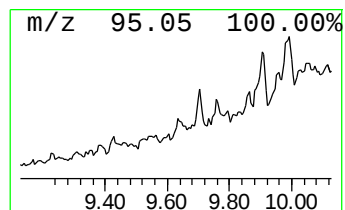
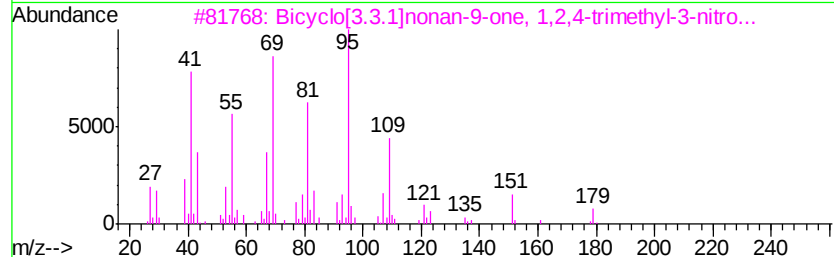
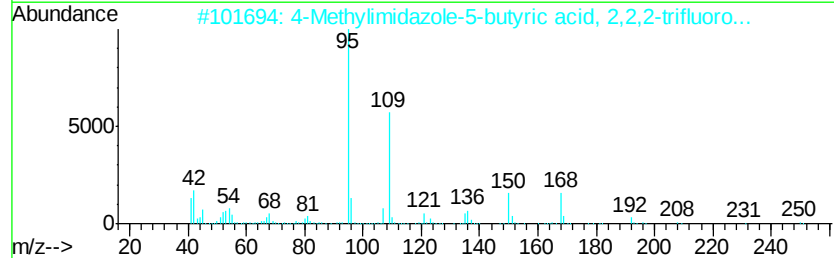
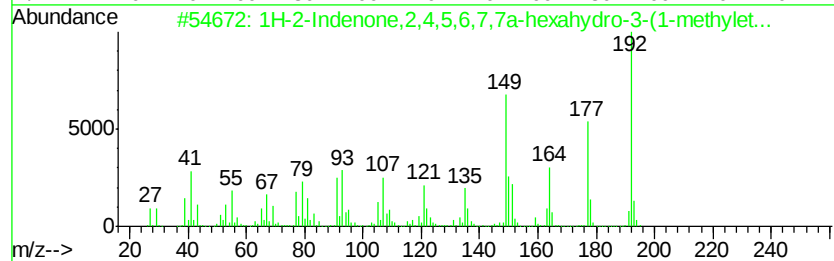
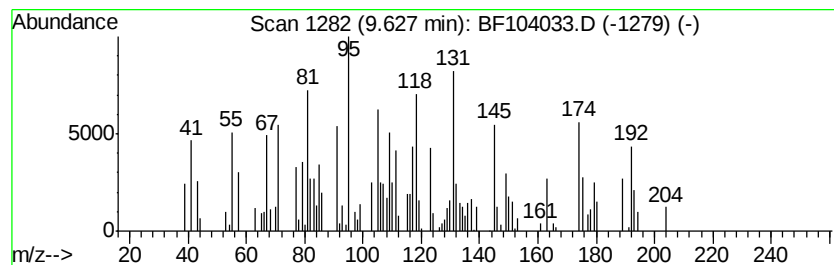
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.63 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	2.03 ng	109412	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-2-Indenone, 2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	25
2		4-Methylimidazole-5-butyric acid...	250	C10H13F3N2O2	1000129-15-9	16
3		Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225	C12H19NO3	129967-65-3	16
4		5,6-Dimethoxy-1-indanone	192	C11H12O3	002107-69-9	15
5		Phenol, 2-(1-methyl-2-butenyl)-...	192	C12H16O2	095414-66-7	14



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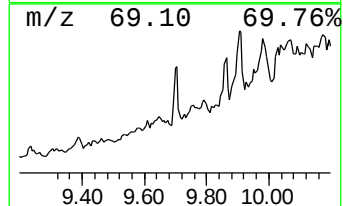
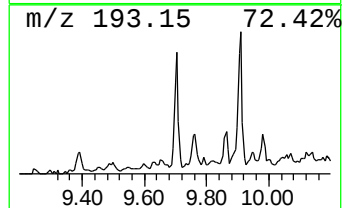
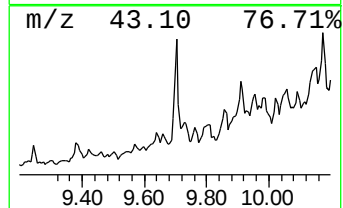
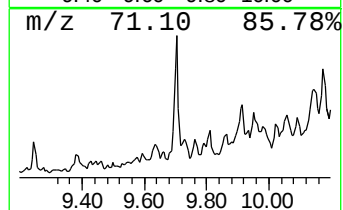
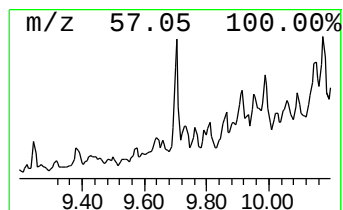
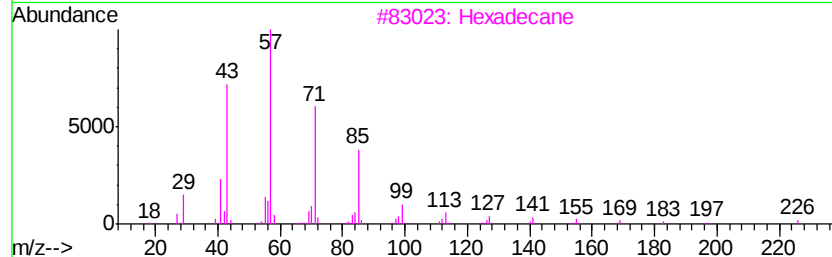
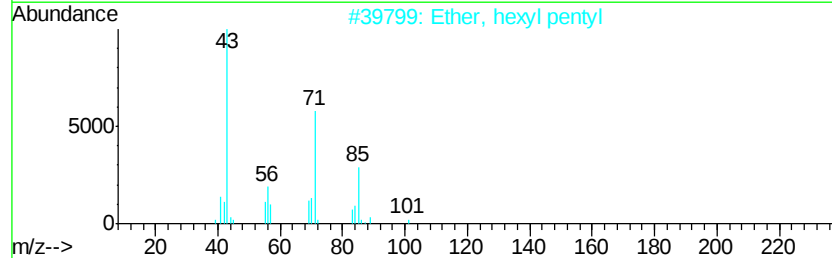
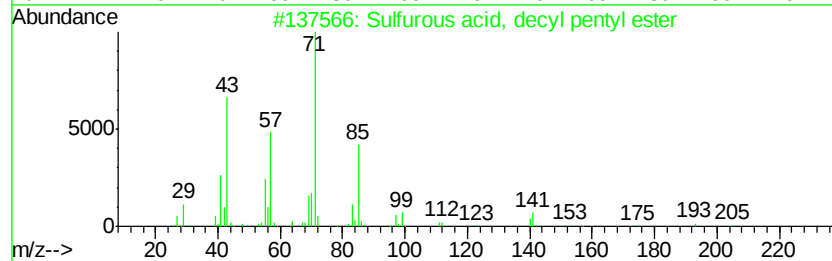
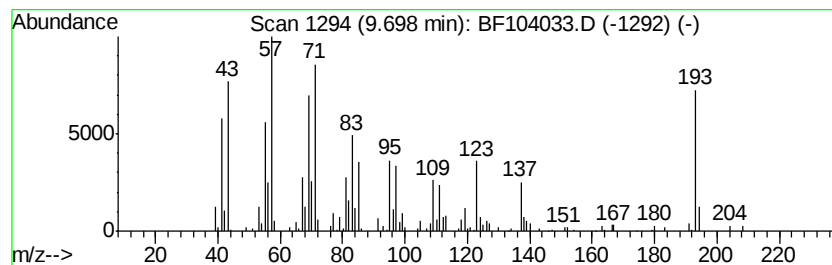
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown9.70 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	4.41 ng	238383	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	27
2		Ether, hexyl pentyl	172	C11H24O	032357-83-8	22
3		Hexadecane	226	C16H34	000544-76-3	22
4		1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	22
5		Pentadecane	212	C15H32	000629-62-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104033.D
Acq On : 29 Mar 2018 1:32
Operator : JU/SJ
Sample : J2085-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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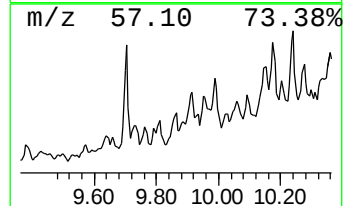
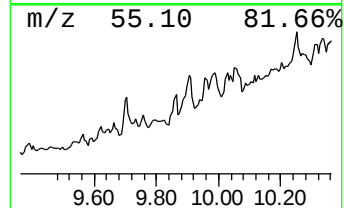
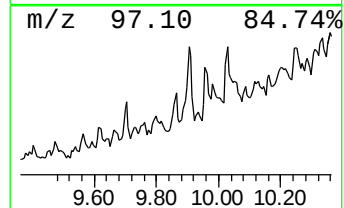
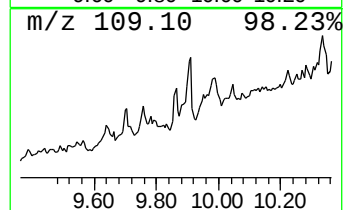
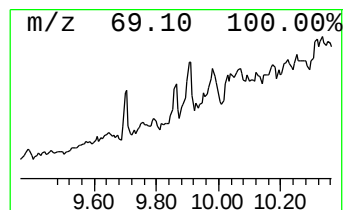
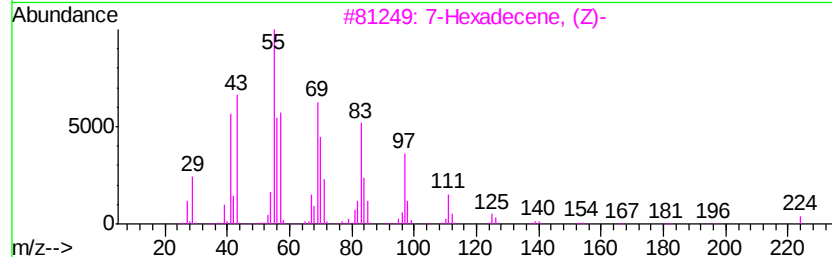
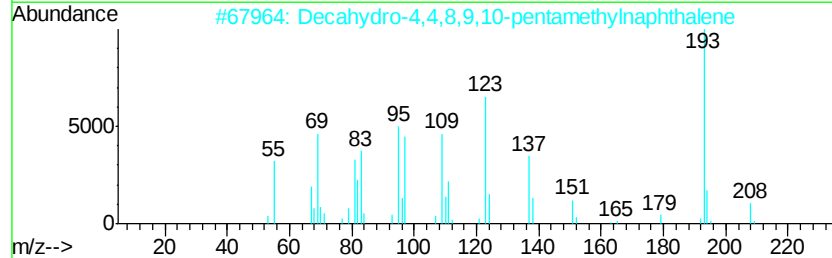
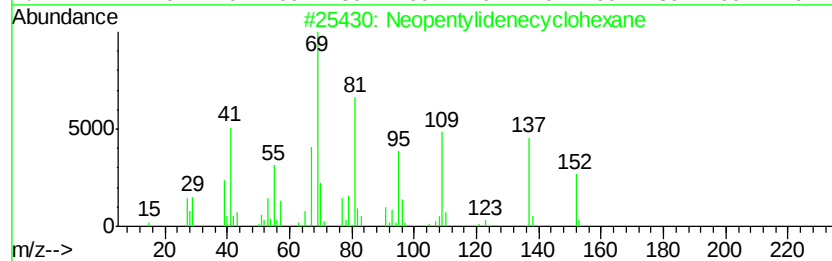
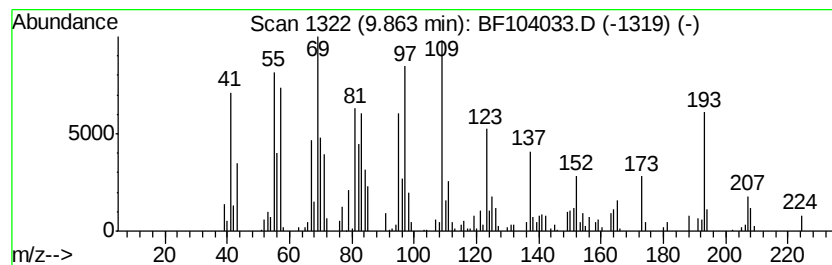
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.86 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.07 ng	111547	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Neopentylidenecyclohexane	152	C11H20	039546-80-0	41
2		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
3		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	30
4		Cyclohexadecane	224	C16H32	000295-65-8	25
5		2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	25



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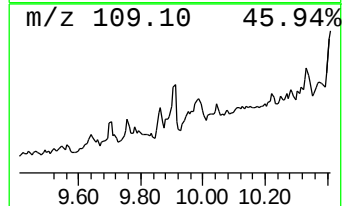
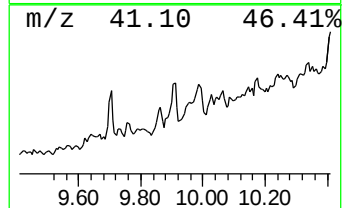
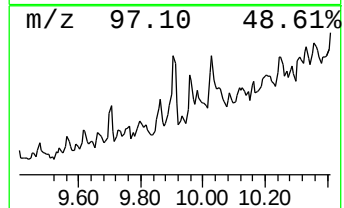
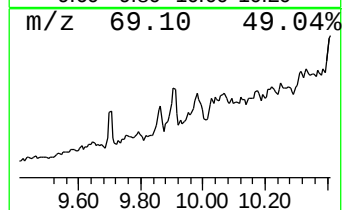
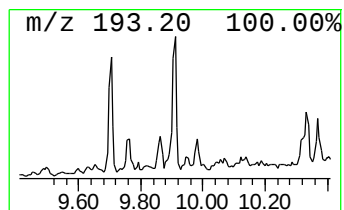
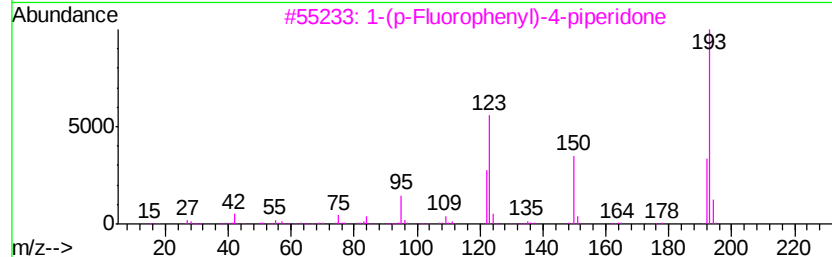
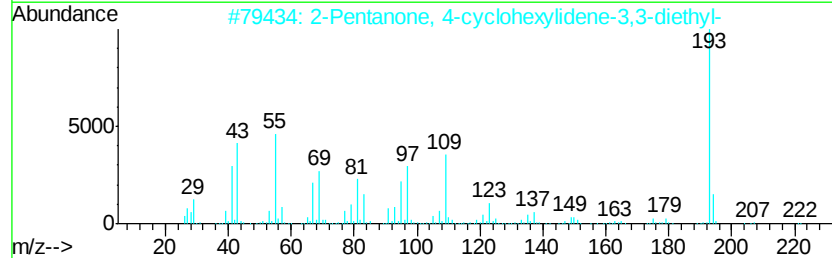
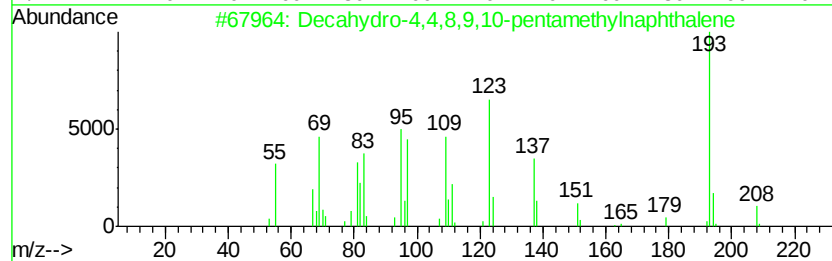
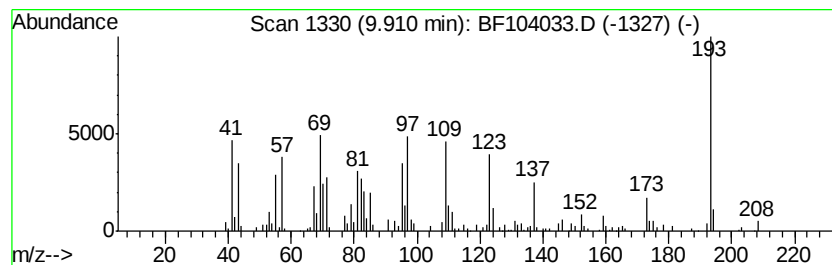
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	3.76 ng	202922	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	53
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
3		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FN0	1000238-56-7	32
4		Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	27
5		Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25B0	057387-76-5	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
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Sample : J2085-01 5X
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ALS Vial : 27 Sample Multiplier: 1

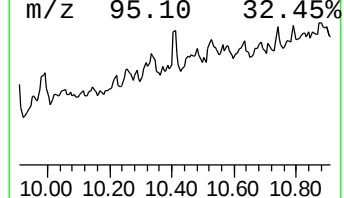
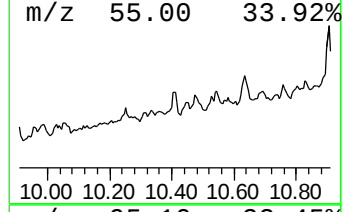
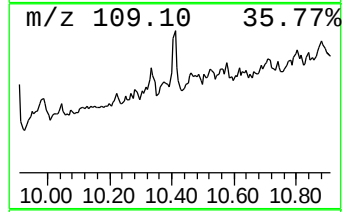
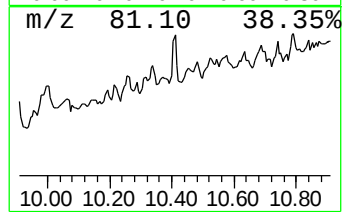
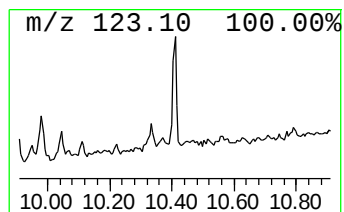
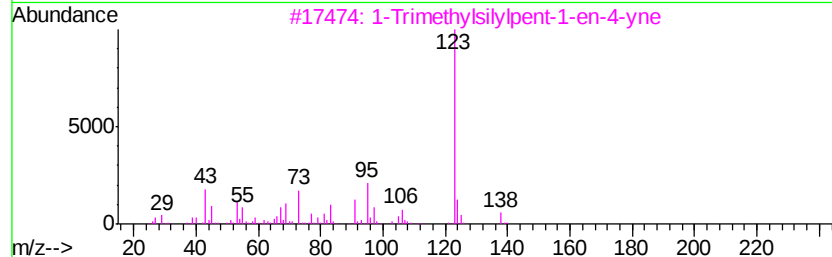
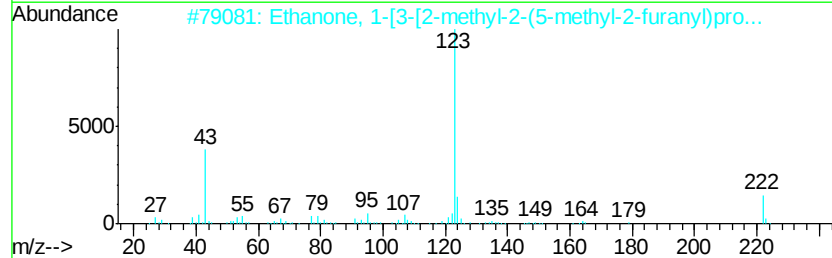
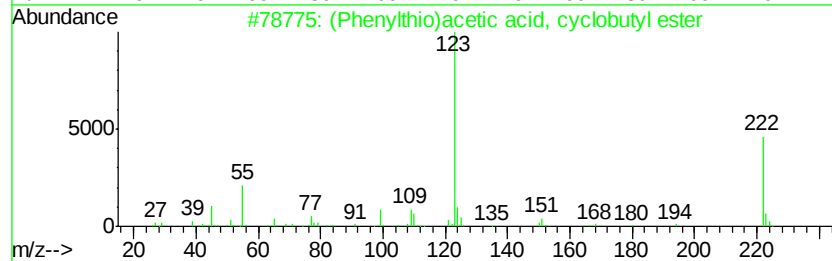
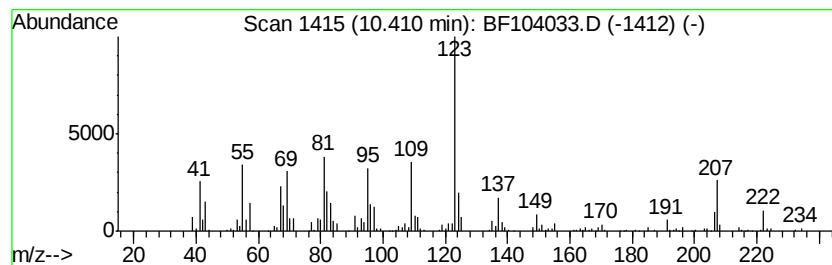
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.41 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.41	3.75 ng	202427	Acenaphthene-d10		10.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	45
2	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	43
3	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
4	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	43
5	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
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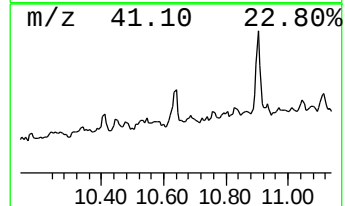
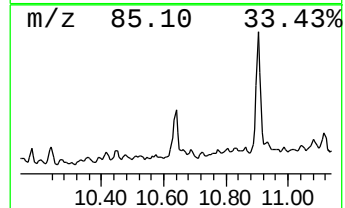
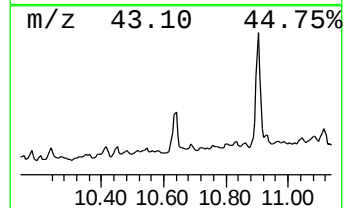
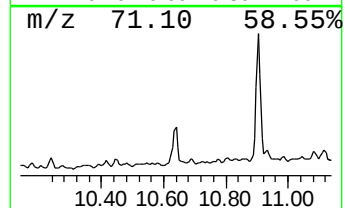
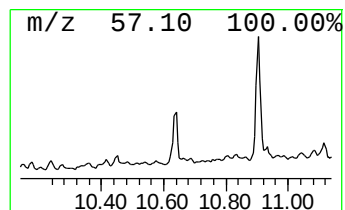
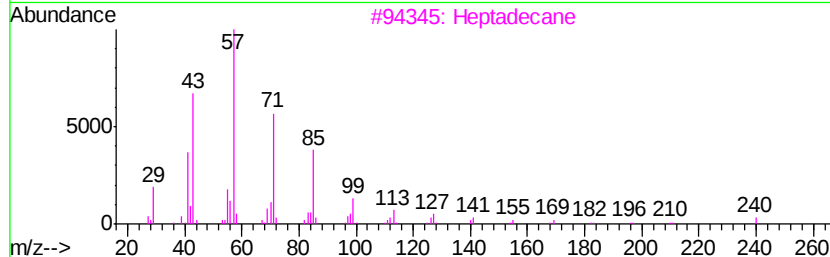
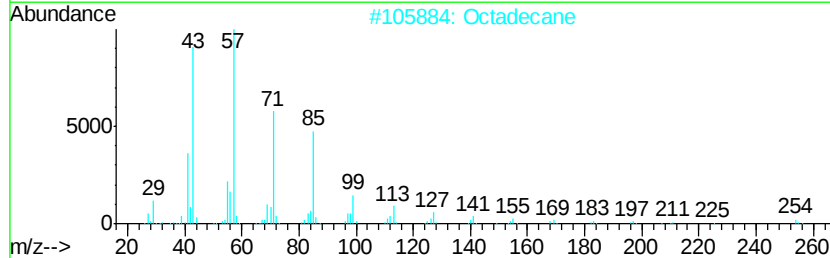
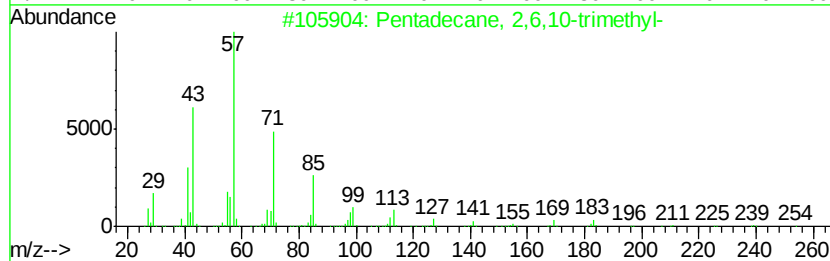
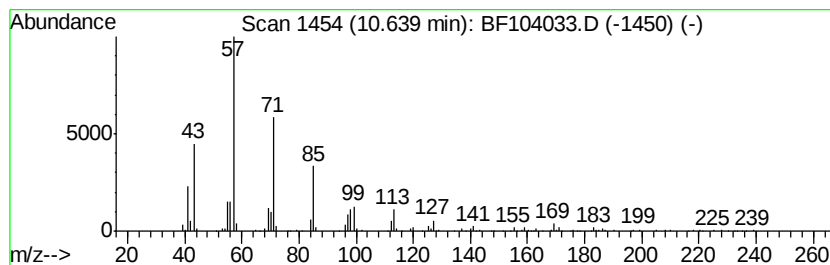
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	6.47 ng	349437	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Octadecane	254	C18H38	000593-45-3	86
3		Heptadecane	240	C17H36	000629-78-7	86
4		Heptacosane	380	C27H56	000593-49-7	83
5		Heneicosane	296	C21H44	000629-94-7	80



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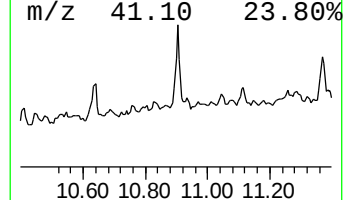
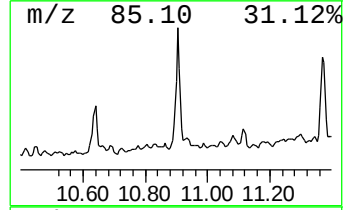
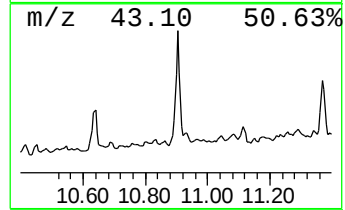
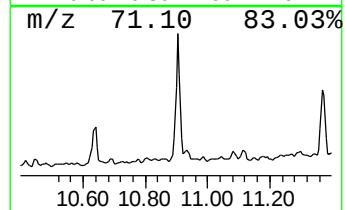
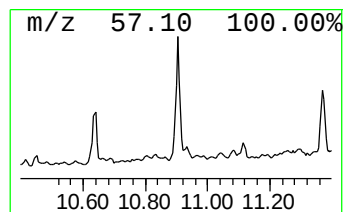
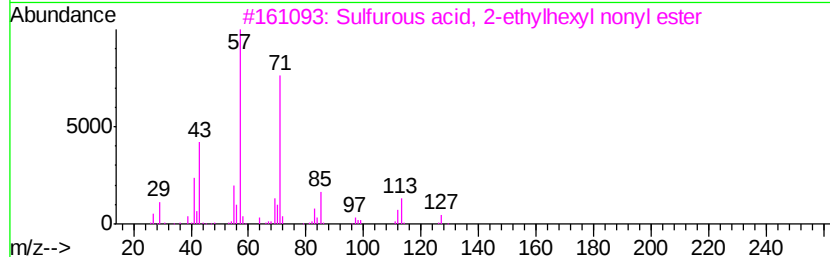
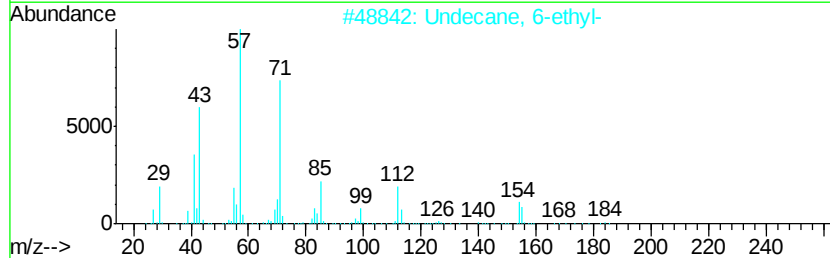
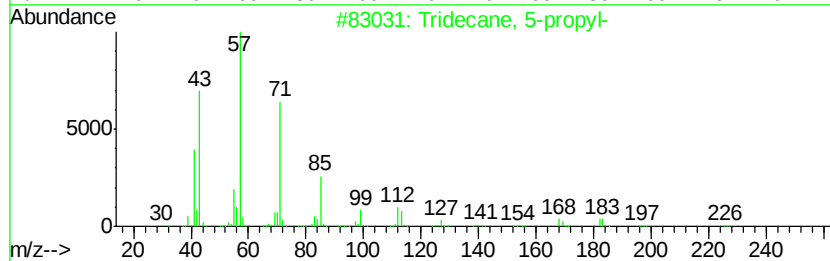
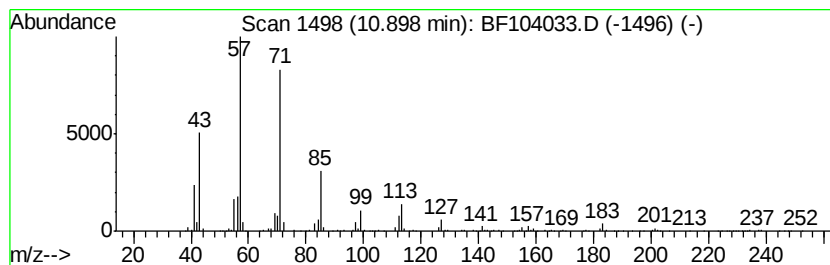
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.90	26.09 ng	750354	Phenanthrene-d10		11.50
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74



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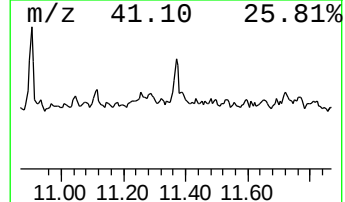
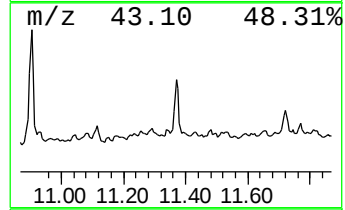
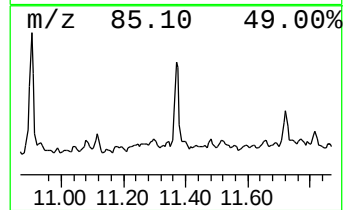
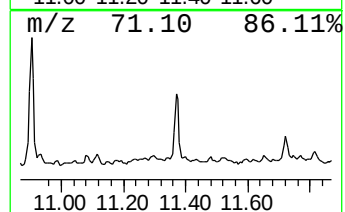
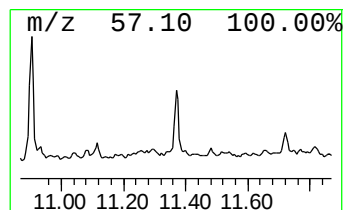
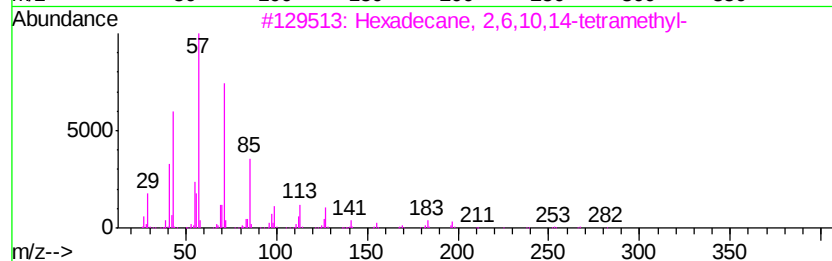
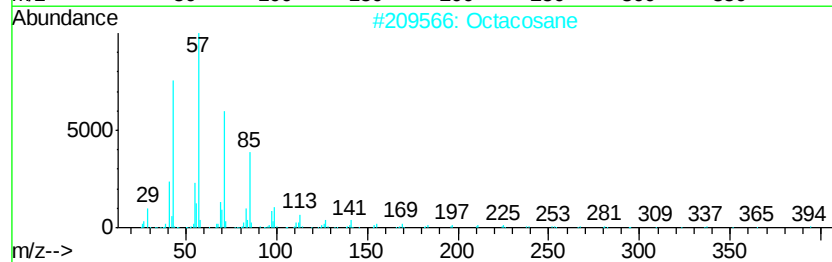
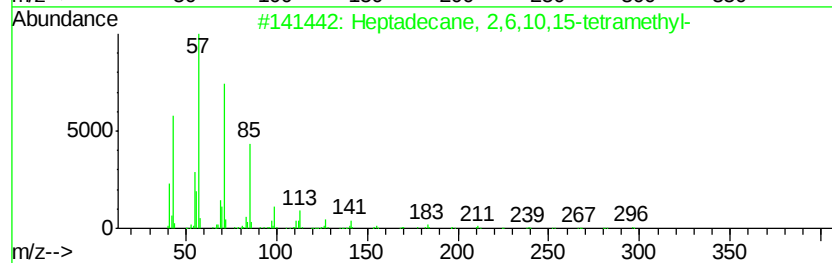
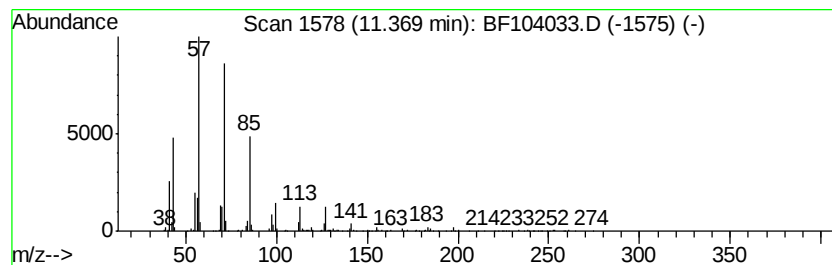
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	16.77 ng	482367	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	86



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Sample : J2085-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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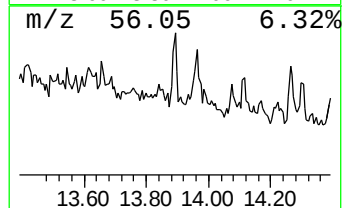
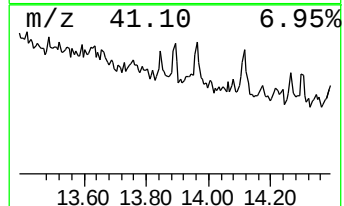
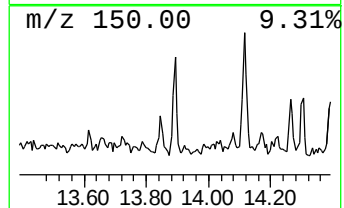
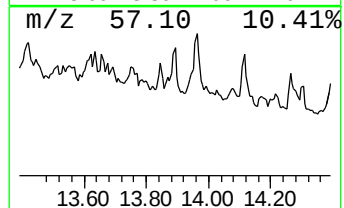
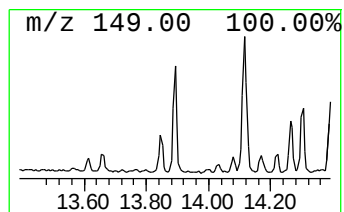
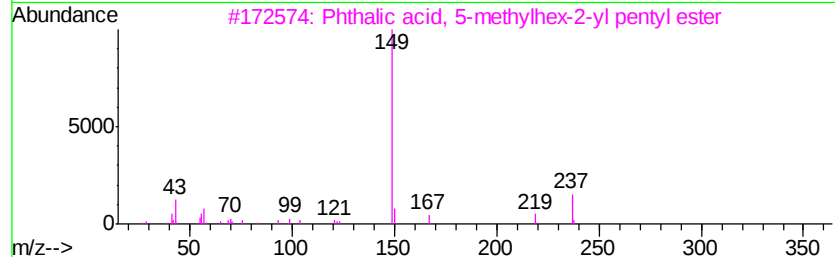
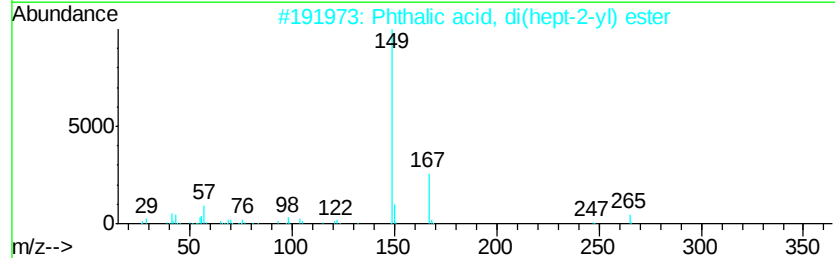
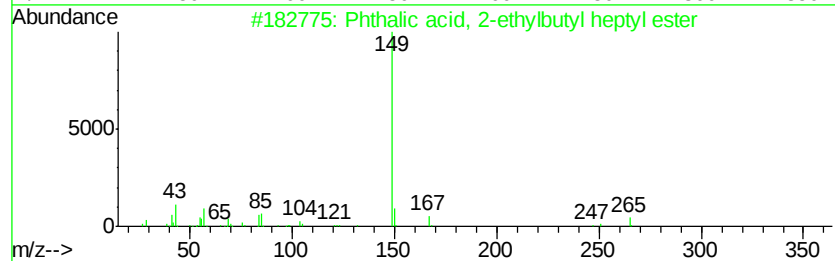
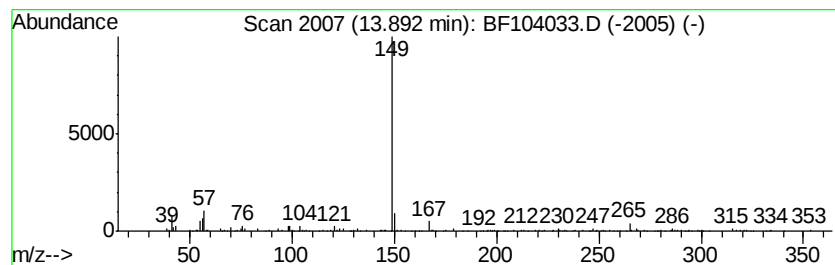
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phthalic acid, 2-ethylbutyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.03 ng	101518	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	86
2		Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	80
3		Phthalic acid, 5-methylhex-2-yl ...	334	C20H30O4	1000371-08-9	80
4		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	80
5		Phthalic acid, heptyl hex-3-yl e...	348	C21H32O4	1000356-95-8	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104033.D
Acq On : 29 Mar 2018 1:32
Operator : JU/SJ
Sample : J2085-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-RO-1499

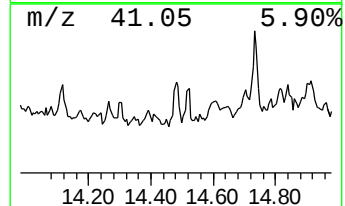
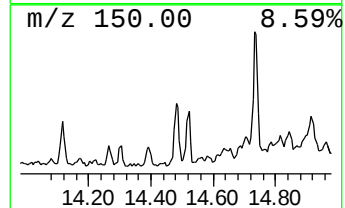
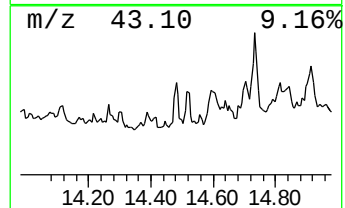
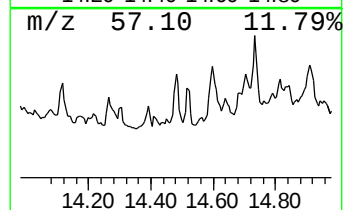
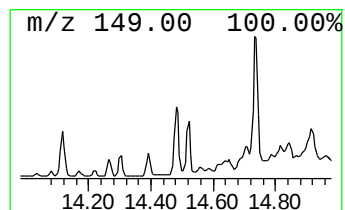
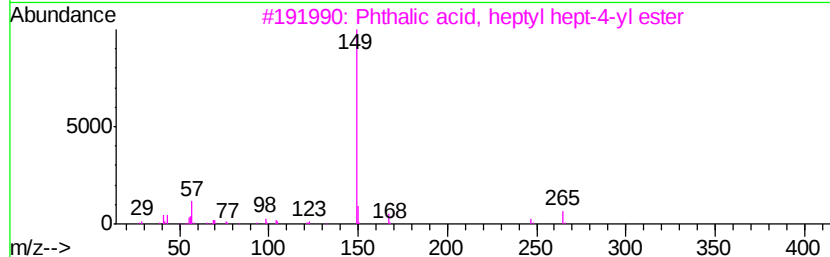
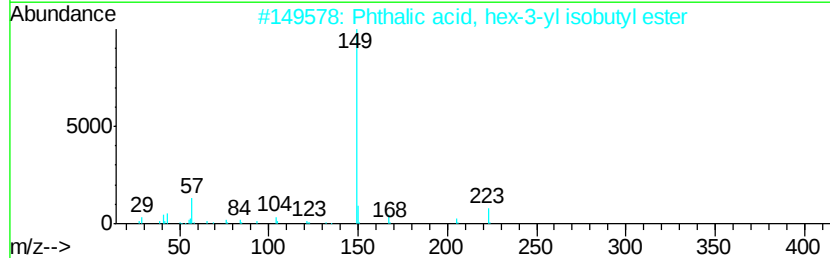
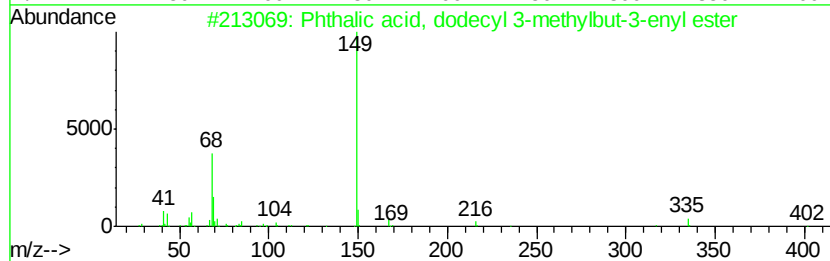
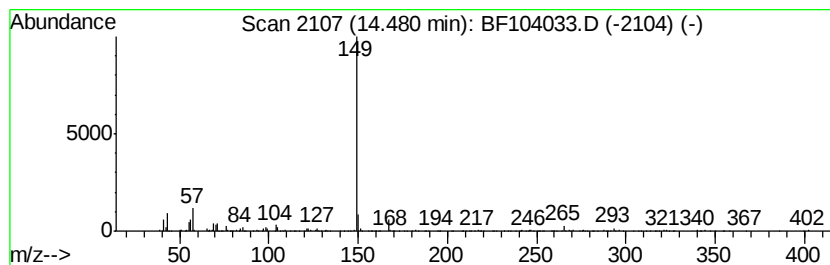
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phthalic acid, dodecyl 3-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	5.74 ng	192094	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, dodecyl 3-methylb...	402	C25H38O4	1000357-11-0	83
2		Phthalic acid, hex-3-yl isobutyl...	306	C18H26O4	1000356-95-4	80
3		Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	80
4		Phthalic acid, hept-2-yl isobutyl...	320	C19H28O4	1000356-97-0	80
5		1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104033.D
Acq On : 29 Mar 2018 1:32
Operator : JU/SJ
Sample : J2085-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WO-RO-1499

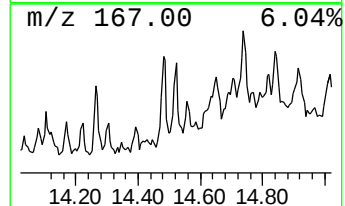
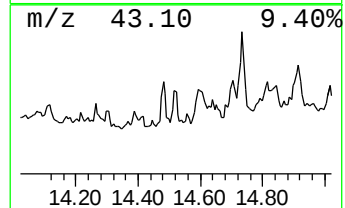
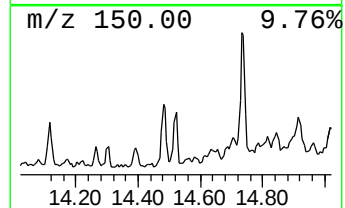
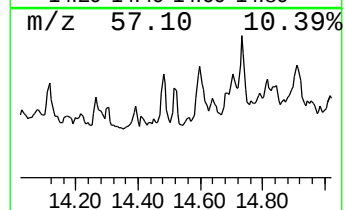
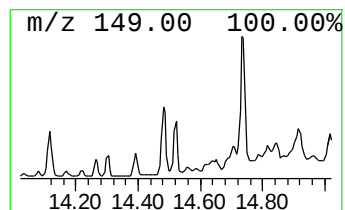
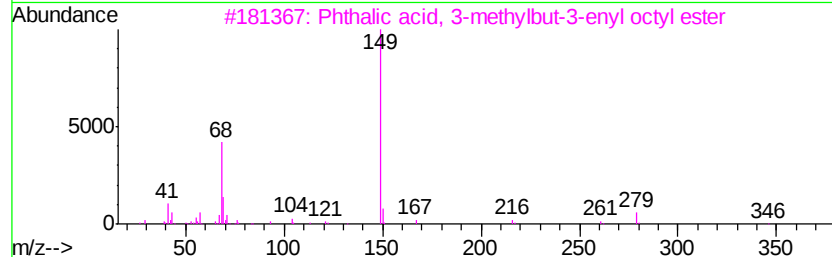
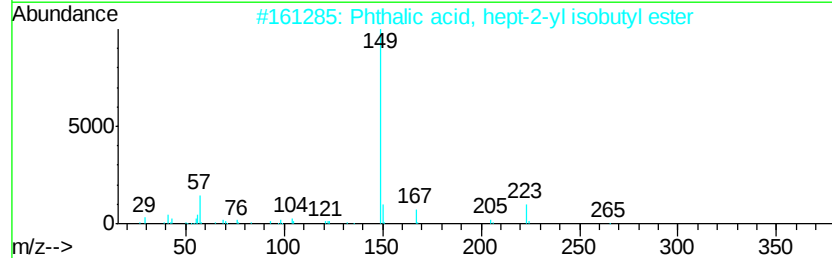
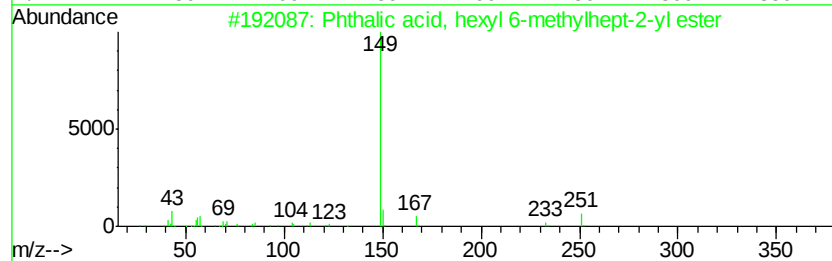
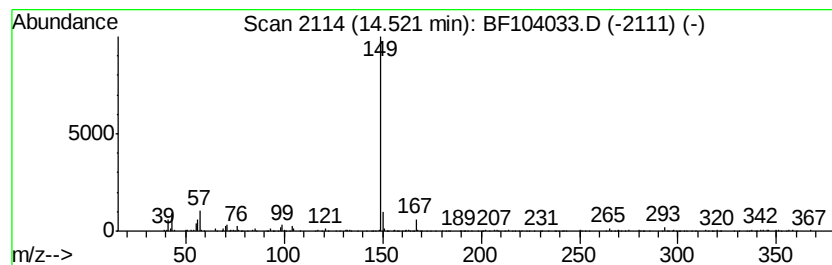
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phthalic acid, hexyl 6-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	3.86 ng	128983	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, hexyl 6-methylhept-2-yl ester	362	C22H34O4	1000377-96-0	80
2		Phthalic acid, hept-2-yl isobutyl ester	320	C19H28O4	1000356-97-0	80
3		Phthalic acid, 3-methylbut-3-enyl octyl ester	346	C21H30O4	1000357-10-6	80
4		Phthalic acid, 2,4-dimethylpent-2-yl ester	334	C20H30O4	1000356-84-5	80
5		Phthalic acid, hept-3-yl nonyl ester	390	C24H38O4	1000356-99-3	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104033.D
Acq On : 29 Mar 2018 1:32
Operator : JU/SJ
Sample : J2085-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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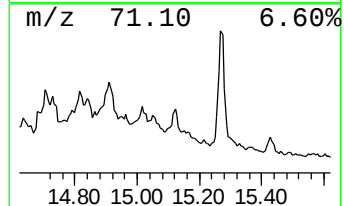
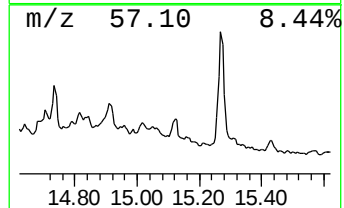
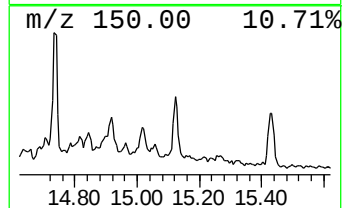
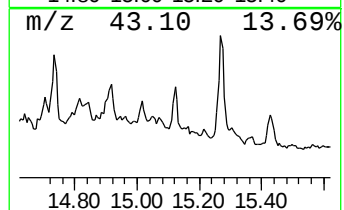
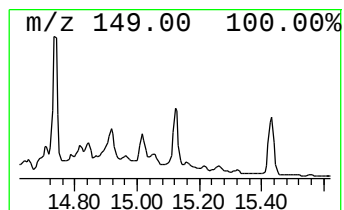
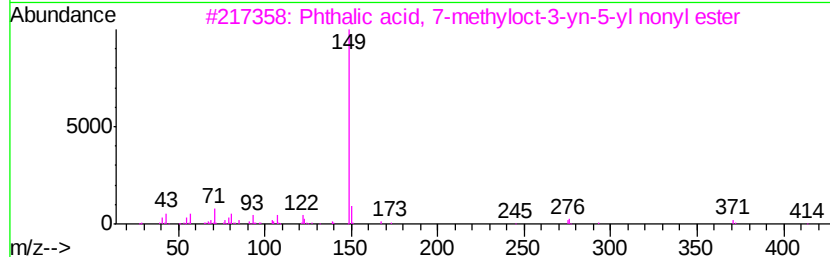
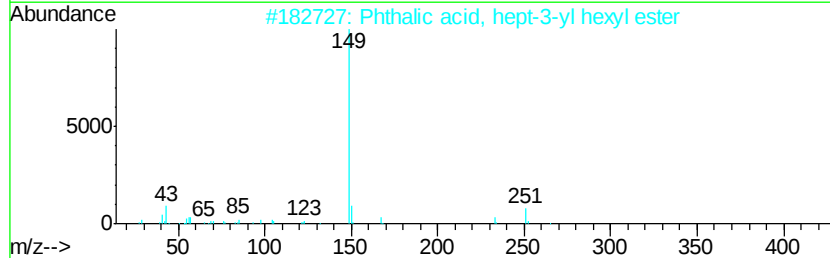
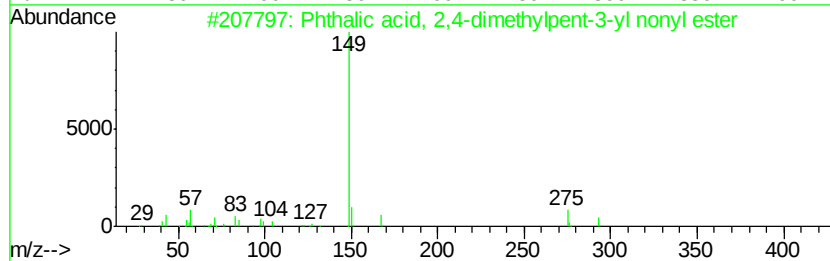
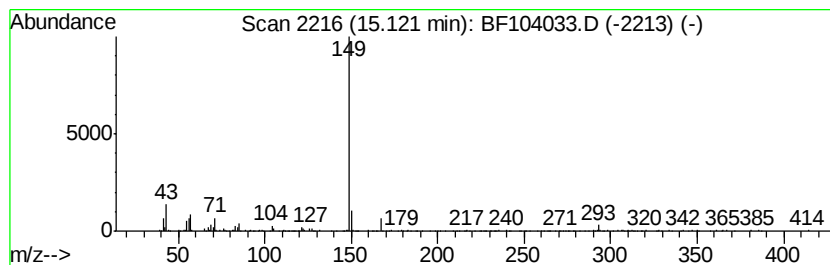
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phthalic acid, 2,4-dimethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	8.50 ng	199415	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, 2,4-dimethylpent-...	390	C24H38O4	1000356-84-8	86
2			Phthalic acid, hept-3-yl hexyl e...	348	C21H32O4	1000356-99-0	80
3			Phthalic acid, 7-methyloct-3-yn-...	414	C26H38O4	1000315-43-1	80
4			Phthalic acid, hexyl isopropyl e...	292	C17H24O4	1000315-00-0	72
5			1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104033.D
Acq On : 29 Mar 2018 1:32
Operator : JU/SJ
Sample : J2085-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-RO-1499

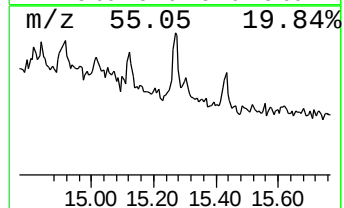
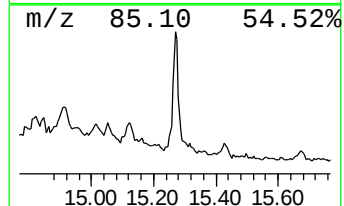
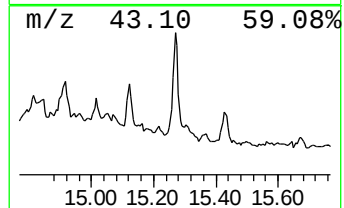
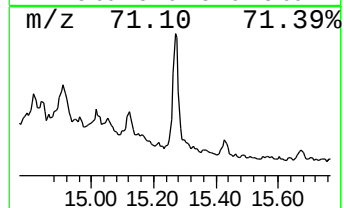
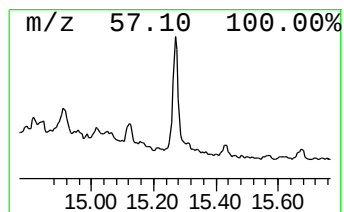
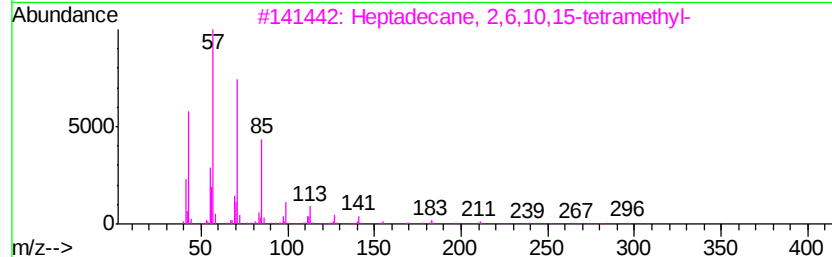
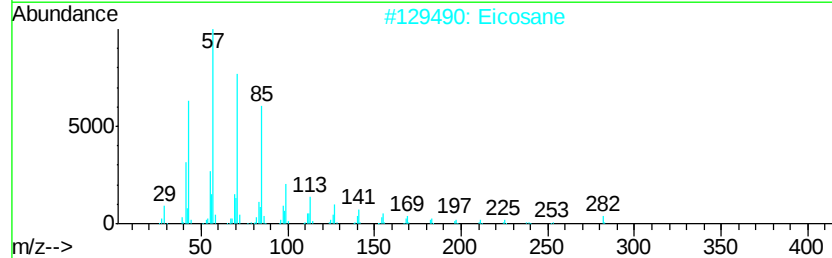
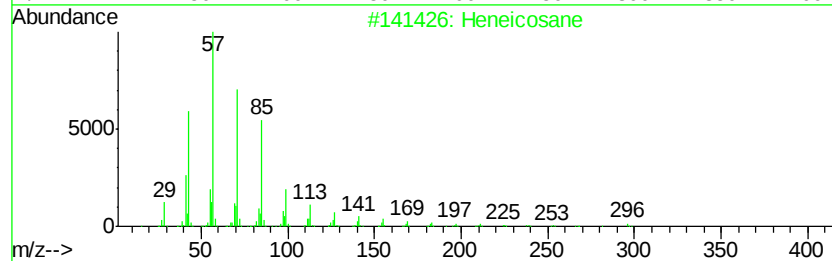
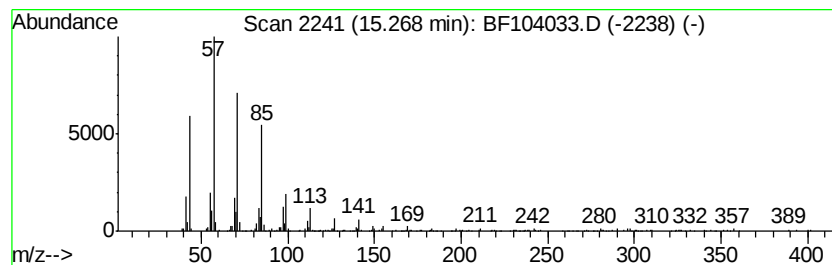
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	10.47 ng	245585	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Eicosane	282	C20H42	000112-95-8	93
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104033.D
Acq On : 29 Mar 2018 1:32
Operator : JU/SJ
Sample : J2085-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WO-RO-1499

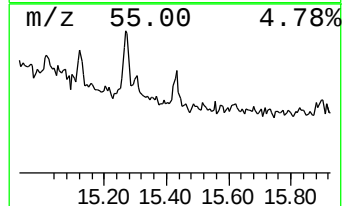
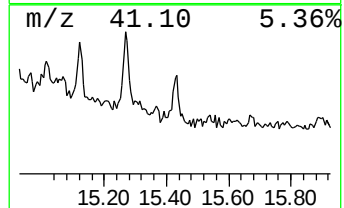
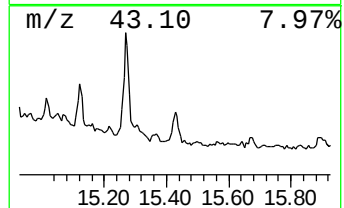
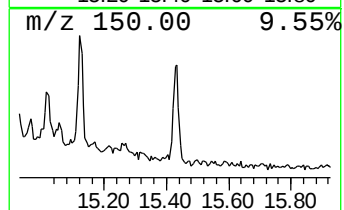
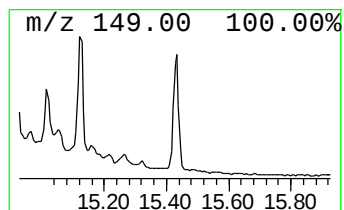
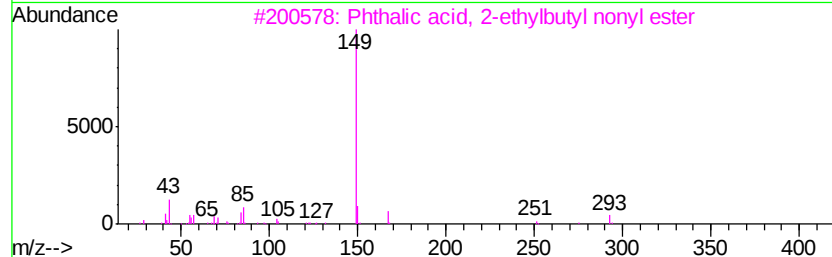
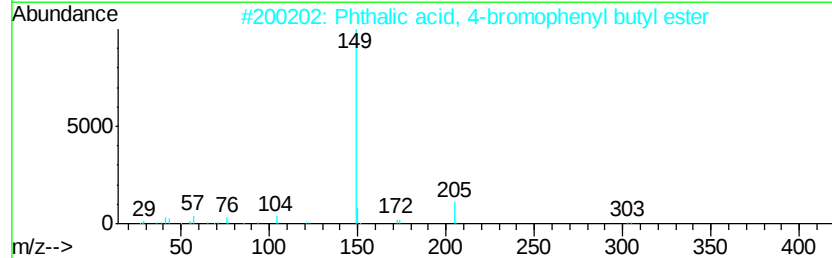
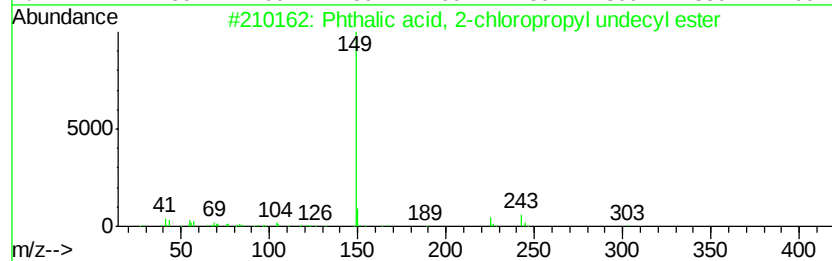
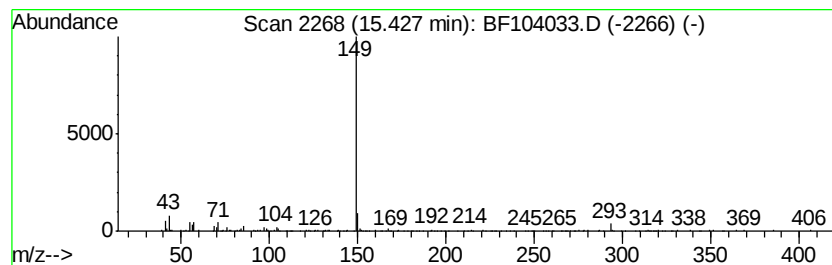
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phthalic acid, 2-chloroprop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	8.52 ng	199867	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 2-chloropropyl un...	396	C22H33ClO4	1000356-83-2	64
2		Phthalic acid, 4-bromophenyl but...	376	C18H17BrO4	1000309-81-0	64
3		Phthalic acid, 2-ethylbutyl nonv...	376	C23H36O4	1000356-89-4	64
4		Phthalic acid, 2-chloropropyl he...	466	C27H43ClO4	1000356-83-7	64
5		Phthalic acid, cyclobutyl tridec...	402	C25H38O4	1000314-90-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
 Data File : BF104033.D
 Acq On : 29 Mar 2018 1:32
 Operator : JU/SJ
 Sample : J2085-01 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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
(1S)-2,6,6-Trimet...	6.24	4.2 ng		135454	1	6.97	639322	20.0
.beta.-Pinene	6.66	4.0 ng		128177	1	6.97	639322	20.0
unknown6.74	6.74	17.9 ng		573534	1	6.97	639322	20.0
unknown9.63	9.63	2.0 ng		109412	3	10.00	1080290	20.0
unknown9.70	9.70	4.4 ng		238383	3	10.00	1080290	20.0
unknown9.86	9.86	2.1 ng		111547	3	10.00	1080290	20.0
Decahydro-4,4,8,9...	9.91	3.8 ng		202922	3	10.00	1080290	20.0
unknown10.41	10.41	3.8 ng		202427	3	10.00	1080290	20.0
Pentadecane, 2,6,...	10.64	6.5 ng		349437	3	10.00	1080290	20.0
Tridecane, 5-propyl-	10.90	26.1 ng		750354	4	11.50	575123	20.0
Heptadecane, 2,6,...	11.37	16.8 ng		482367	4	11.50	575123	20.0
Phthalic acid, 2-...	13.89	3.0 ng		101518	5	14.16	669160	20.0
Phthalic acid, do...	14.48	5.7 ng		192094	5	14.16	669160	20.0
Phthalic acid, he...	14.52	3.9 ng		128983	5	14.16	669160	20.0
Phthalic acid, 2,...	15.12	8.5 ng		199415	6	15.70	469323	20.0
Heneicosane	15.27	10.5 ng		245585	6	15.70	469323	20.0
Phthalic acid, 2-...	15.43	8.5 ng		199867	6	15.70	469323	20.0