

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042318\
 Data File : BF104709.D
 Acq On : 23 Apr 2018 15:07
 Operator : JU/SJ
 Sample : J2495-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-RO-1-7-B

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-BF040618.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	495	499	508	rBV	70793	86217	3.78%	0.419%
2	5.434	565	569	583	rBV	2281807	2228395	97.66%	10.821%
3	6.457	738	743	755	rBV	2293007	2281673	100.00%	11.080%
4	6.587	760	765	768	rBV	2434620	2240860	98.21%	10.881%
5	6.810	799	803	806	rBV	812546	653031	28.62%	3.171%
6	6.963	825	829	833	rBV	2007195	1790607	78.48%	8.695%
7	7.375	894	899	902	rBV	1418986	1202200	52.69%	5.838%
8	8.092	1018	1021	1027	rBV	953964	809016	35.46%	3.929%
9	9.045	1177	1183	1185	rBV6	20466	33821	1.48%	0.164%
10	9.104	1191	1193	1198	rBV5	23624	32940	1.44%	0.160%
11	9.169	1200	1204	1207	rBV	2634841	2173806	95.27%	10.556%
12	9.239	1212	1216	1219	rVV3	60086	80441	3.53%	0.391%
13	9.280	1219	1223	1227	rVV6	28158	48562	2.13%	0.236%
14	9.475	1254	1256	1259	rBV3	49560	59594	2.61%	0.289%
15	9.510	1260	1262	1267	rVB2	53496	63163	2.77%	0.307%
16	9.563	1267	1271	1273	rBV2	216253	242914	10.65%	1.180%
17	9.710	1293	1296	1298	rBV2	108422	116442	5.10%	0.565%
18	9.757	1301	1304	1305	rVV2	113016	102187	4.48%	0.496%
19	9.851	1314	1320	1323	rBV	909518	818396	35.87%	3.974%
20	10.092	1359	1361	1365	rBV3	79105	88587	3.88%	0.430%
21	10.251	1385	1388	1390	rBV3	204505	200403	8.78%	0.973%
22	10.645	1452	1455	1459	rBV	1184446	1081846	47.41%	5.253%
23	10.757	1471	1474	1477	rBV2	302902	318587	13.96%	1.547%
24	11.227	1551	1554	1560	rVB	377942	396439	17.37%	1.925%
25	11.345	1571	1574	1576	rBV	784742	664593	29.13%	3.227%
26	12.927	1840	1843	1847	rVB	1672606	1609888	70.56%	7.817%
27	13.815	1991	1994	2004	rVB	222659	251518	11.02%	1.221%
28	13.992	2020	2024	2027	rBV	550519	534618	23.43%	2.596%
29	15.462	2270	2274	2280	rVB	320285	382666	16.77%	1.858%

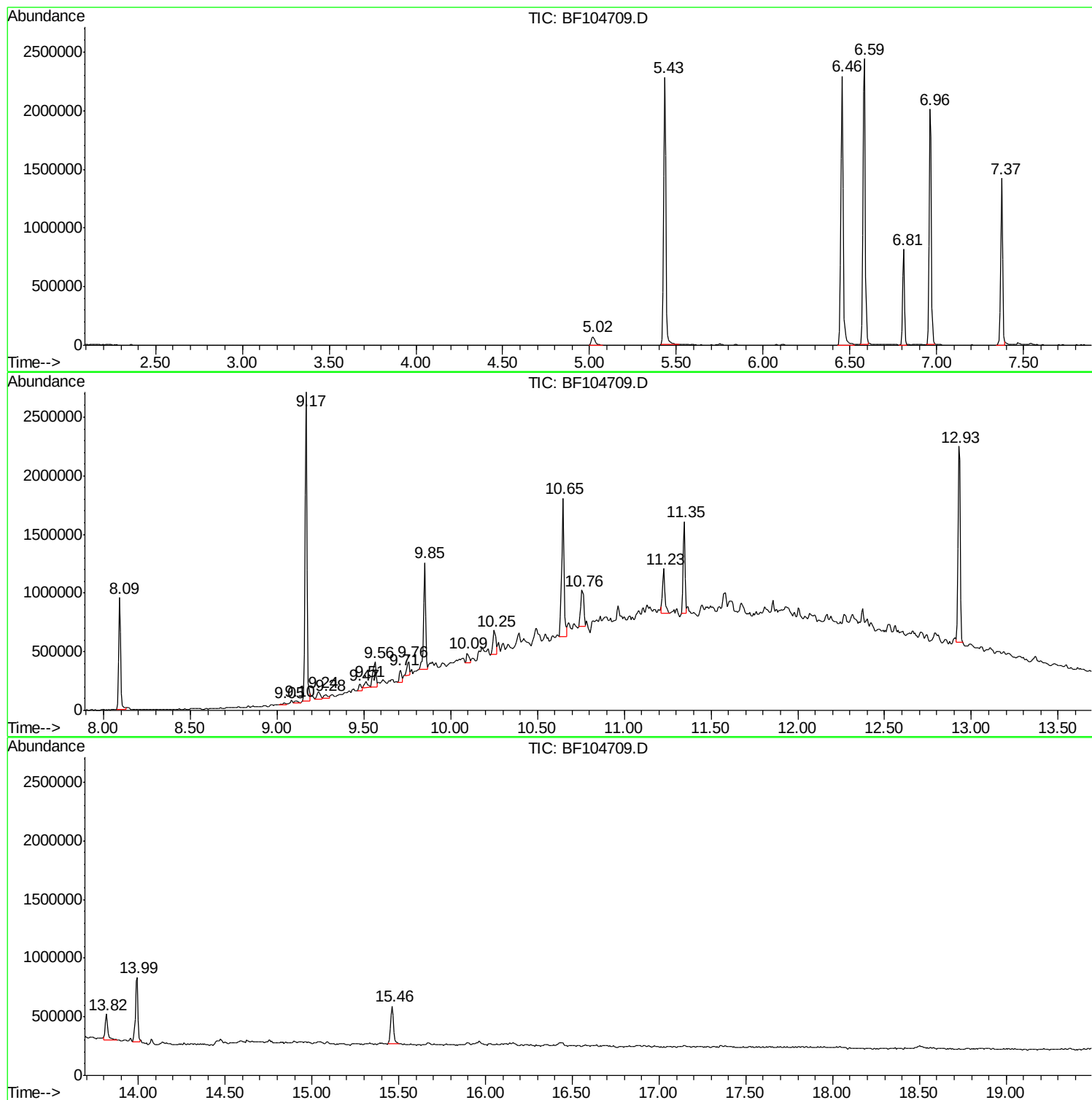
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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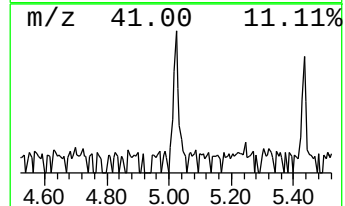
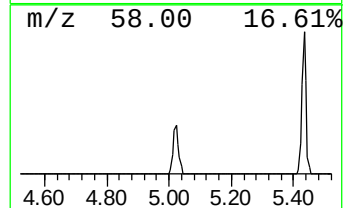
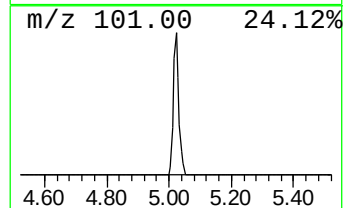
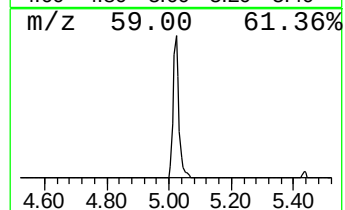
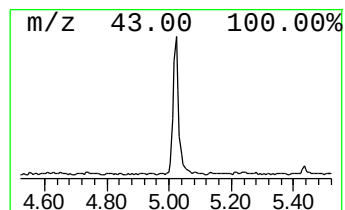
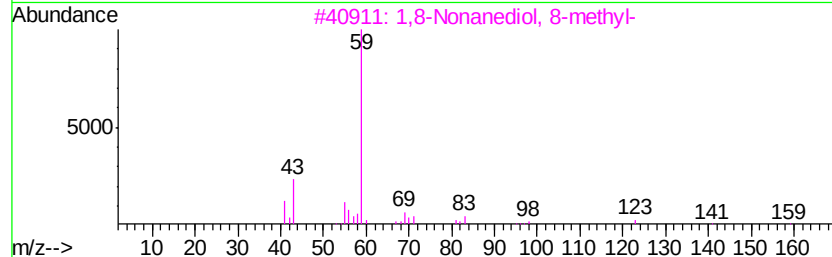
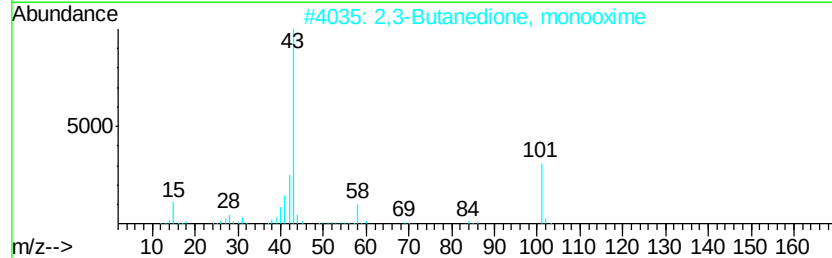
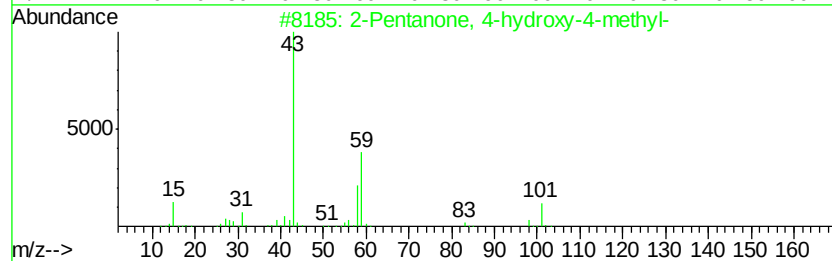
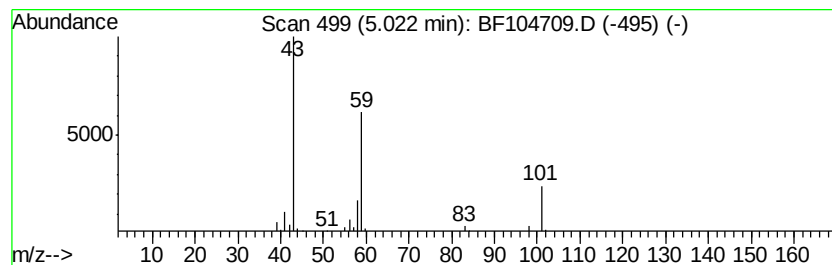
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.64 ng	86217	1,4-Dichlorobenzene-d4	6.81

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12



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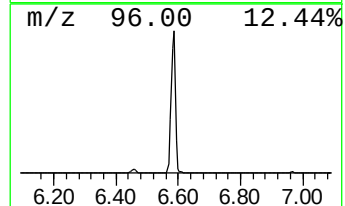
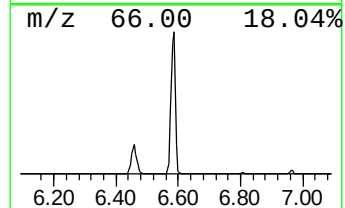
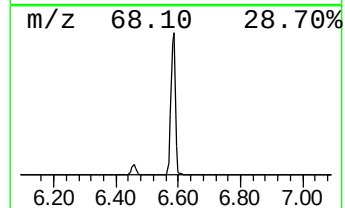
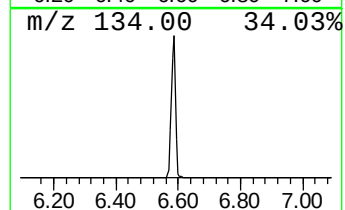
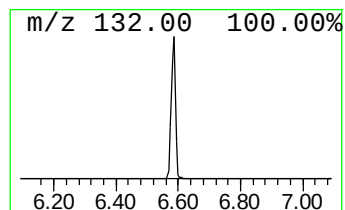
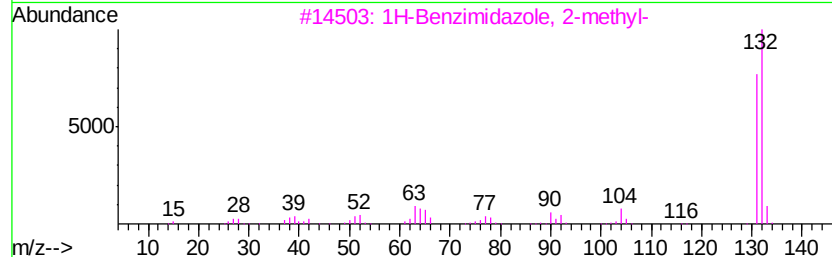
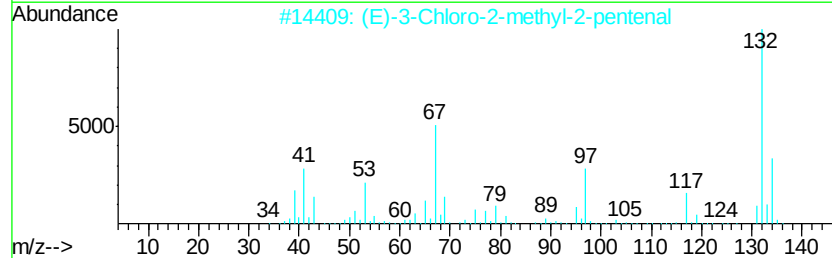
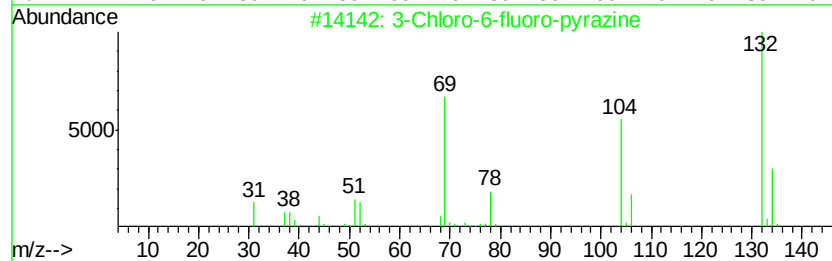
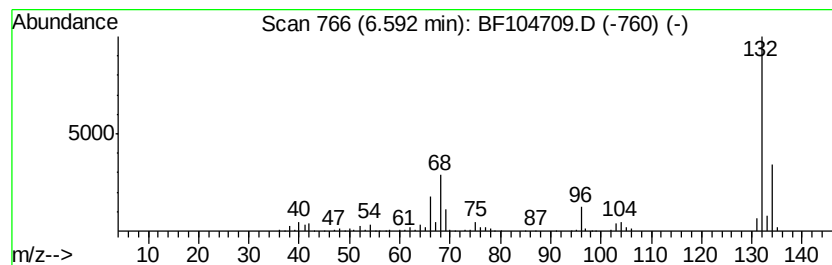
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Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	68.63 ng	2240860	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	10
4	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...			132	C8H8N2	022291-85-6	9



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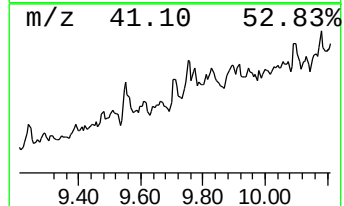
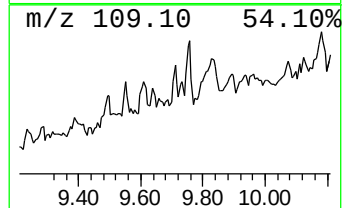
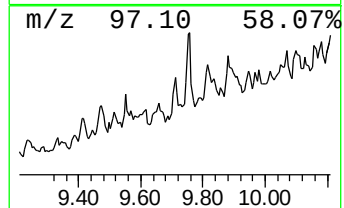
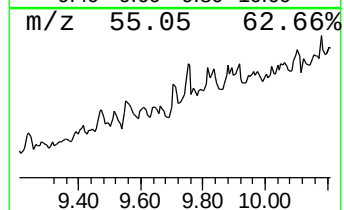
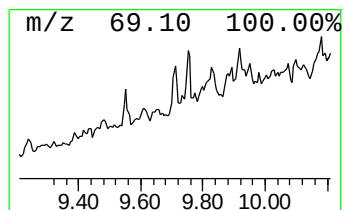
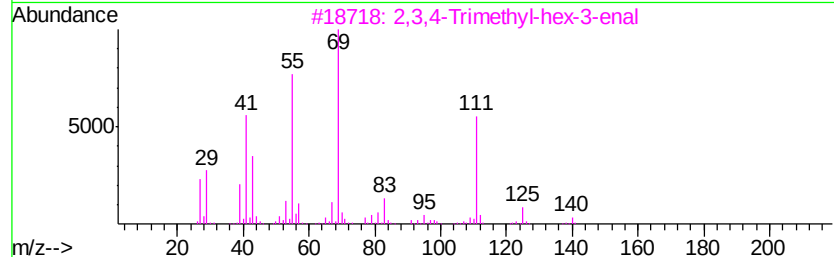
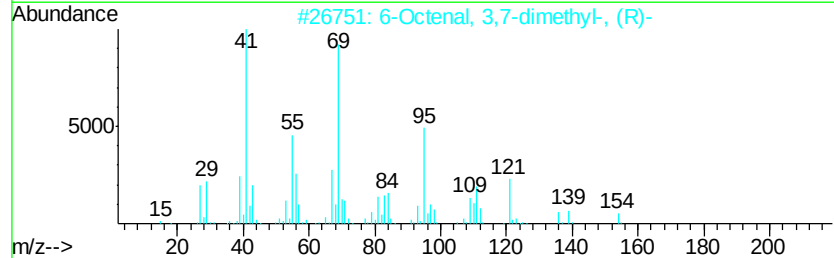
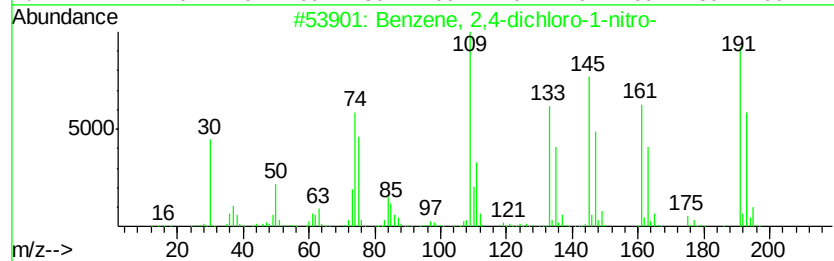
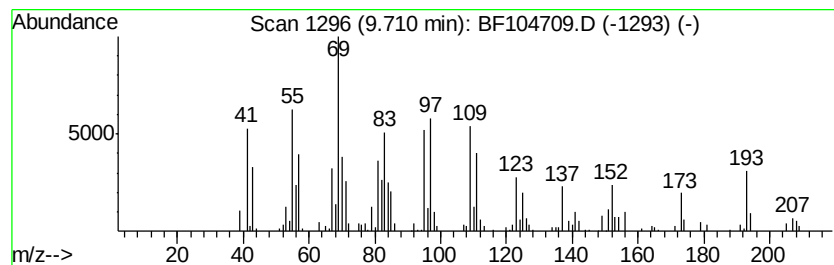
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Peak Number 4 Benzene, 2,4-dichloro-1-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.71	2.85 ng	116442	Acenaphthene-d10	9.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2,4-dichloro-1-nitro-	191	C6H3Cl2NO2	000611-06-3	53
2		6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	38
3		2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	30
4		4-Pentenoic acid, 3,3-dimethyl-,...	142	C8H14O2	063721-05-1	27
5		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	27



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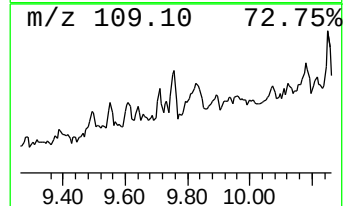
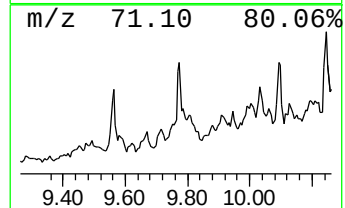
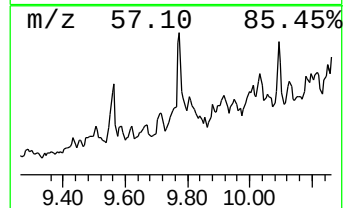
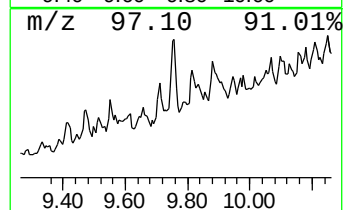
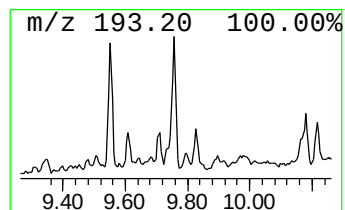
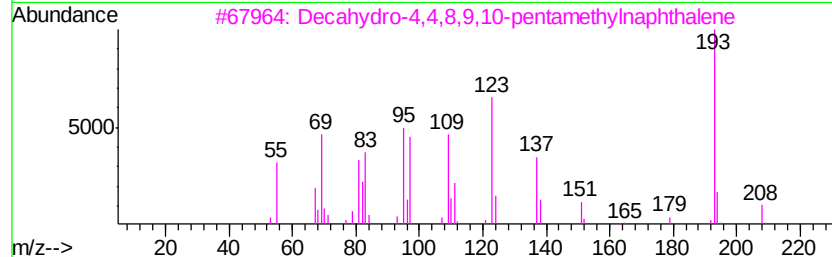
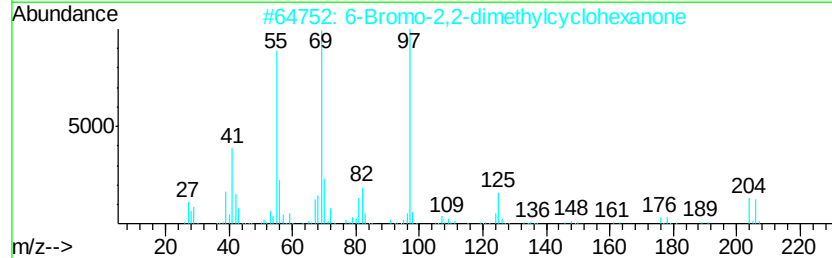
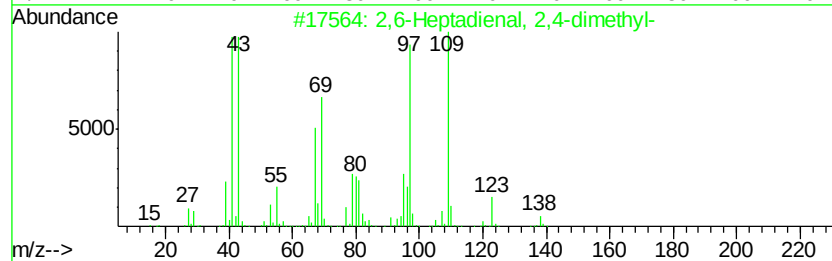
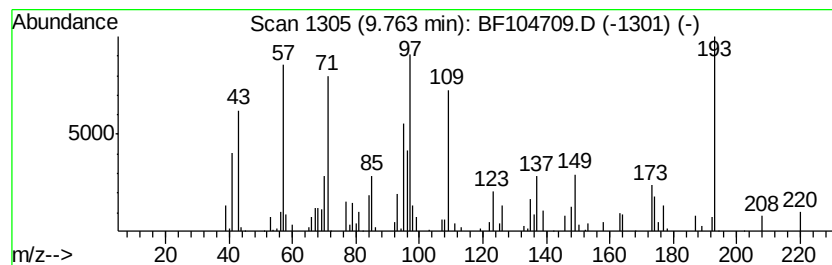
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Peak Number 5 unknown9.76 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.50 ng	102187	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-			138	C9H14O	085136-08-9	38
2	6-Bromo-2,2-dimethylcyclohexanone			204	C8H13BrO	021690-26-6	22
3	Decahydro-4,4,8,9,10-pentamethyl...			208	C15H28	080655-44-3	22
4	1-Heptyne, 3-ethoxy-3,4-dimethyl-			168	C11H20O	054411-04-0	22
5	Ethanone, 1,2-di-2-furanyl-2-hyd...			192	C10H8O4	000552-86-3	18



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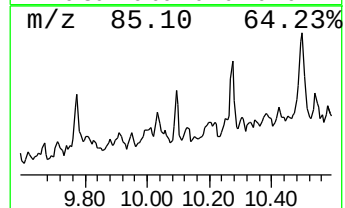
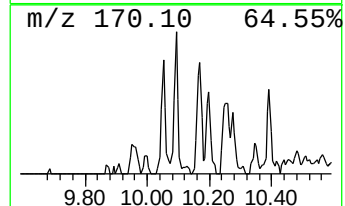
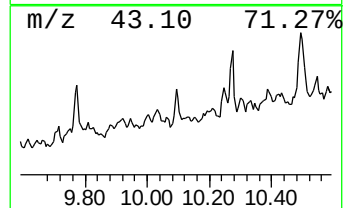
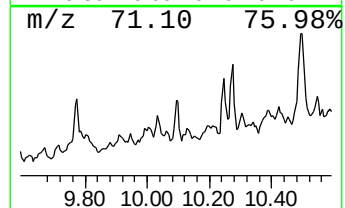
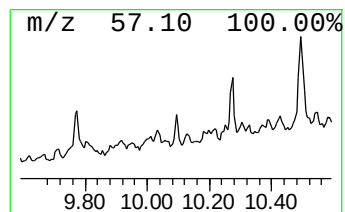
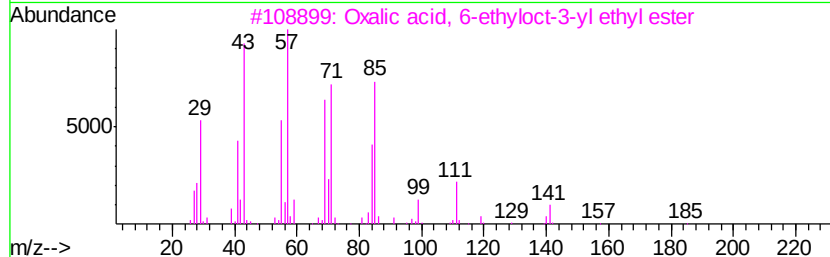
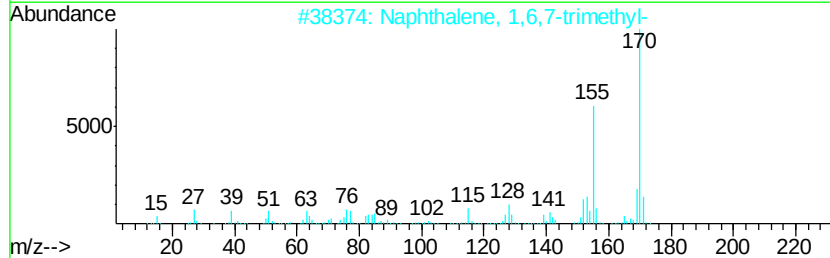
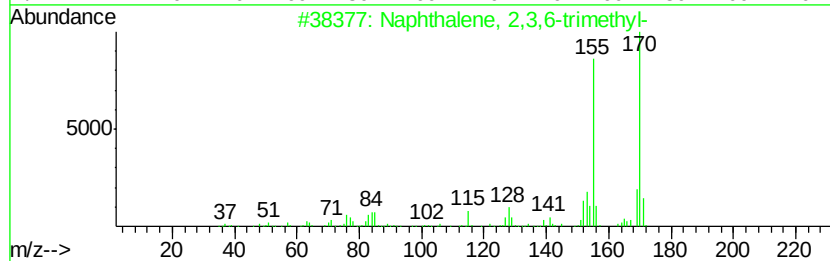
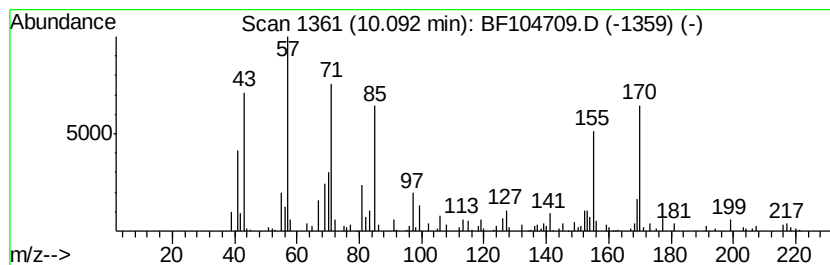
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Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.09	2.16 ng	88587	Acenaphthene-d10	9.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
3	Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	38
4	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	38
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	38



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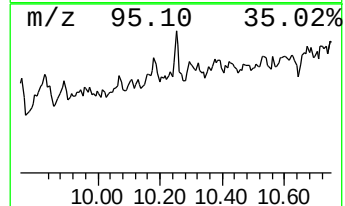
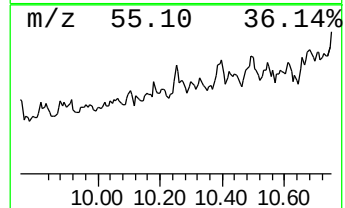
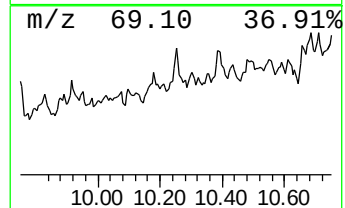
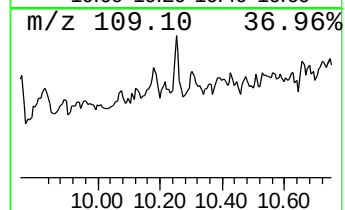
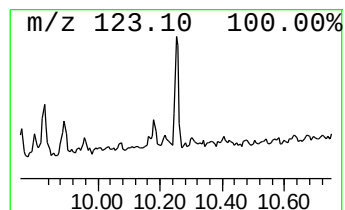
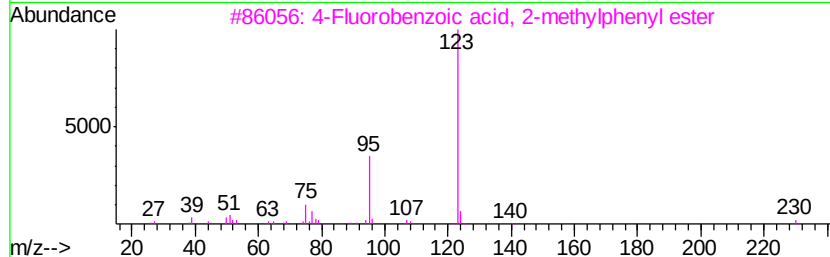
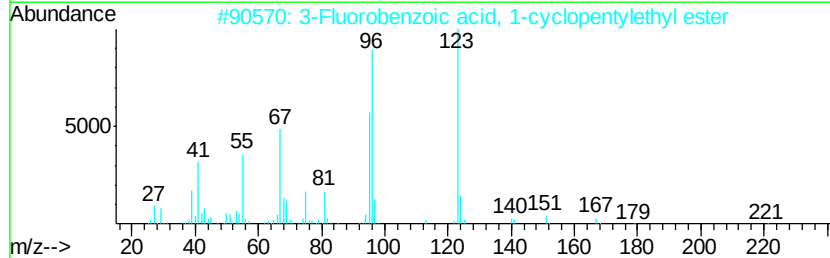
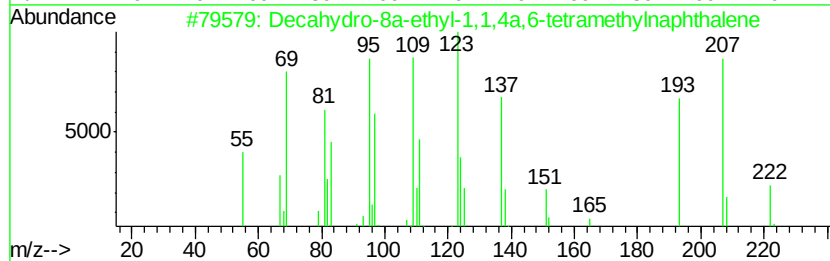
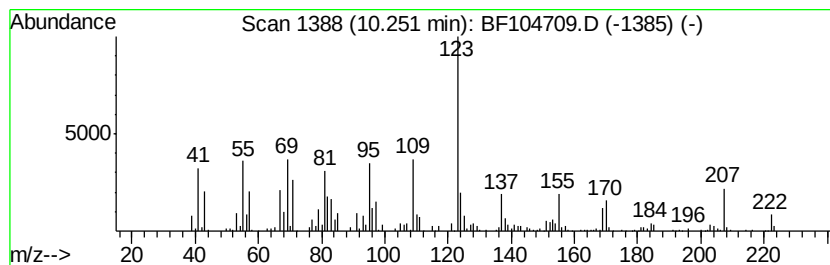
Instrument :
BNA_F
ClientSampleId :
RS-RO-1-7-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.25 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.25	4.90 ng	200403	Acenaphthene-d10	9.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	46
2	3-Fluorobenzoic acid, 1-cyclopent...	236	C14H17F02	1000279-04-7	43
3	4-Fluorobenzoic acid, 2-methylph...	230	C14H11F02	1000299-05-3	38
4	Cyclopent-2-ene-1-carboxylic aci...	196	C12H20O2	1000195-65-4	38
5	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104709.D
Acq On : 23 Apr 2018 15:07
Operator : JU/SJ
Sample : J2495-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-RO-1-7-B

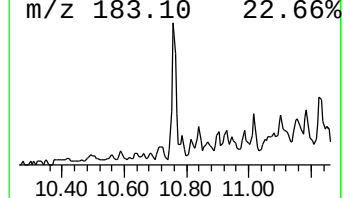
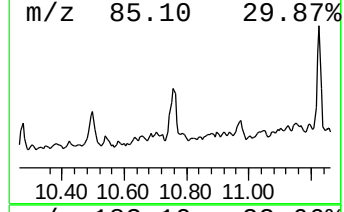
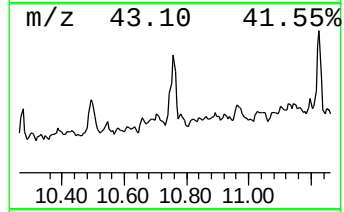
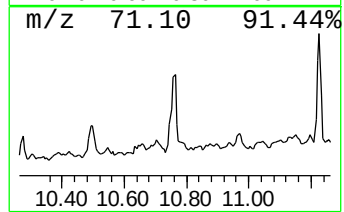
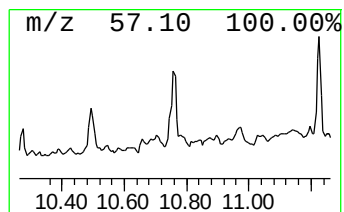
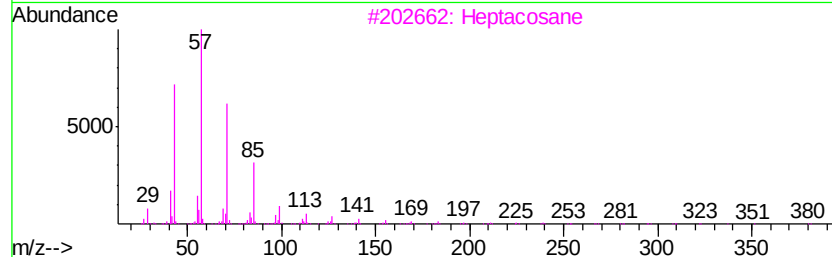
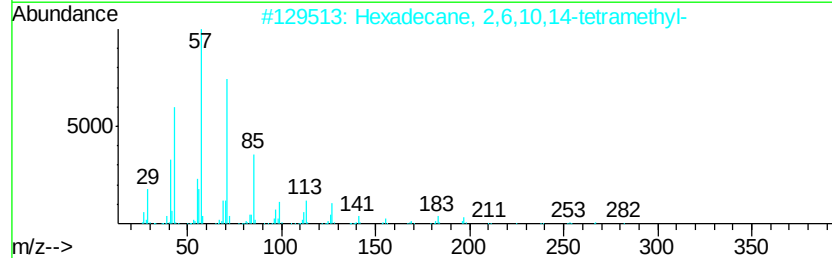
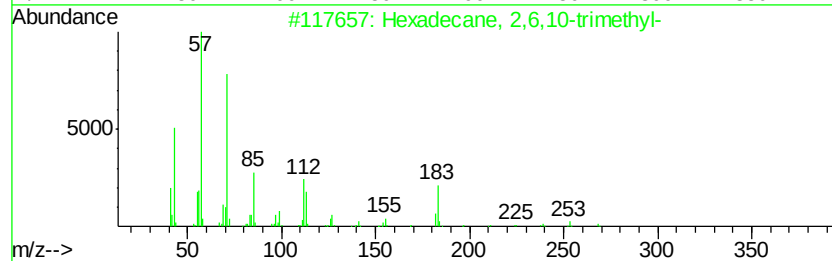
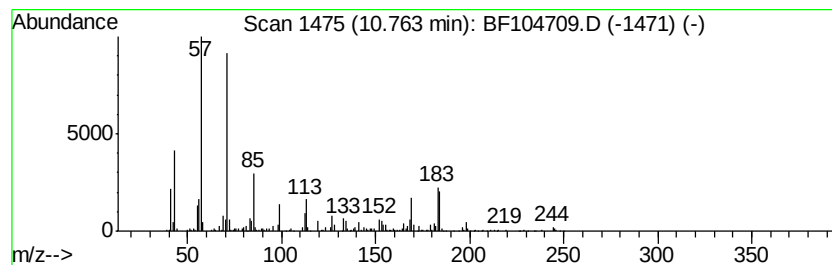
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	9.59 ng	318587	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	72
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68
3		Heptacosane	380	C27H56	000593-49-7	64
4		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	62
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104709.D
Acq On : 23 Apr 2018 15:07
Operator : JU/SJ
Sample : J2495-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-RO-1-7-B

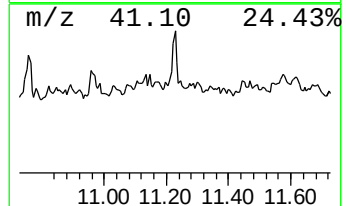
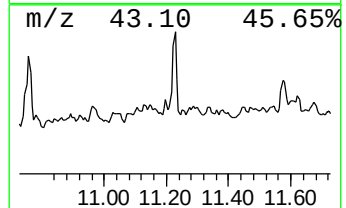
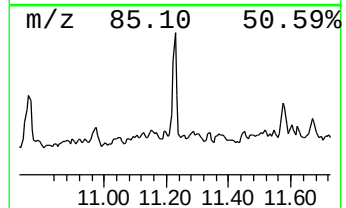
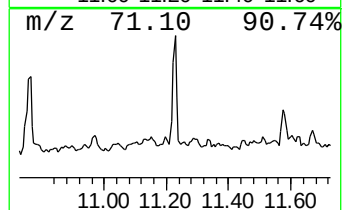
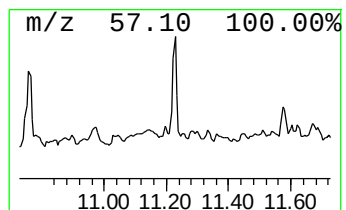
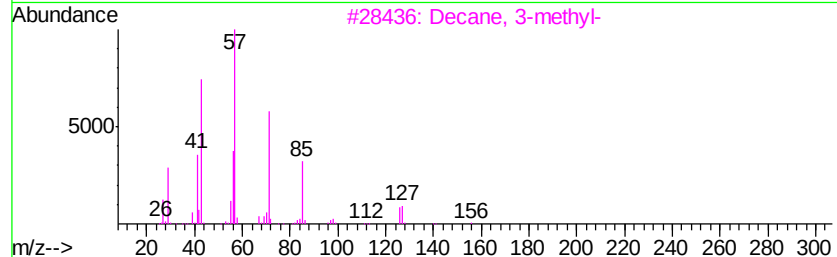
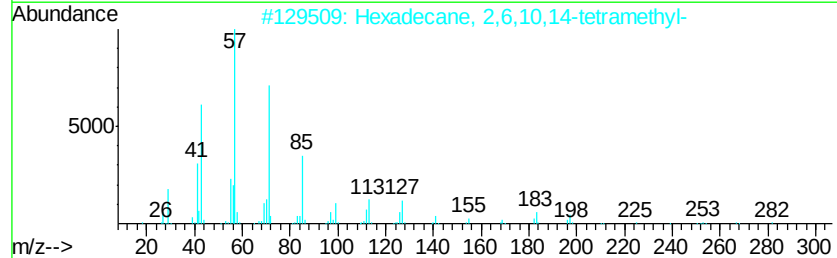
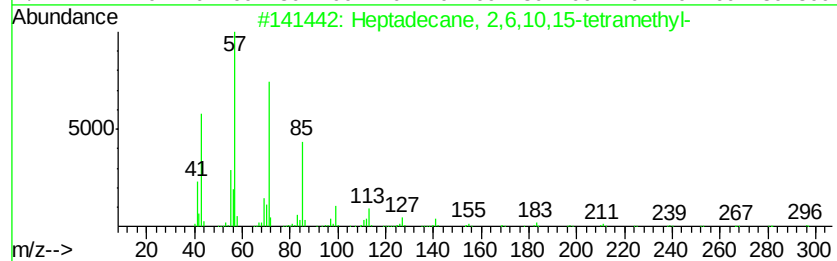
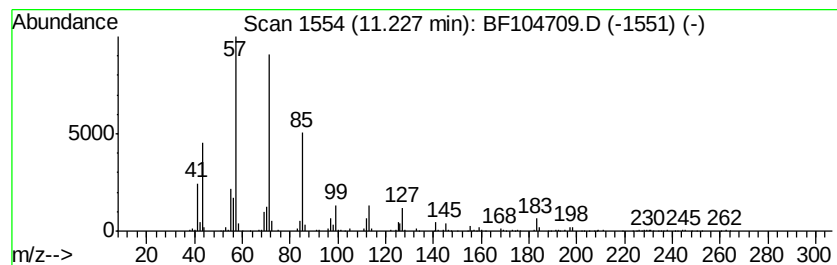
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	11.93 ng	396439	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
3		Decane, 3-methyl-	156	C11H24	013151-34-3	74
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042318\
Data File : BF104709.D
Acq On : 23 Apr 2018 15:07
Operator : JU/SJ
Sample : J2495-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

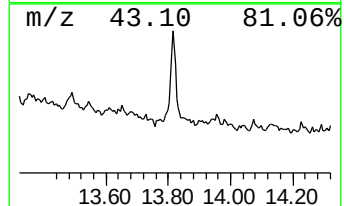
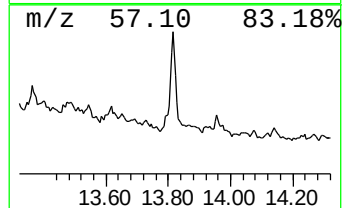
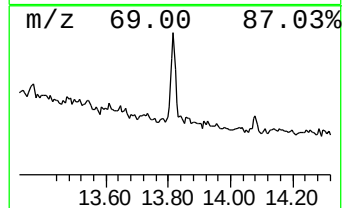
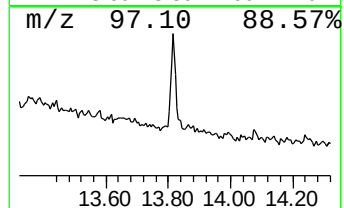
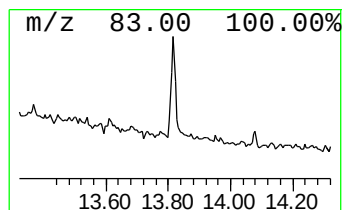
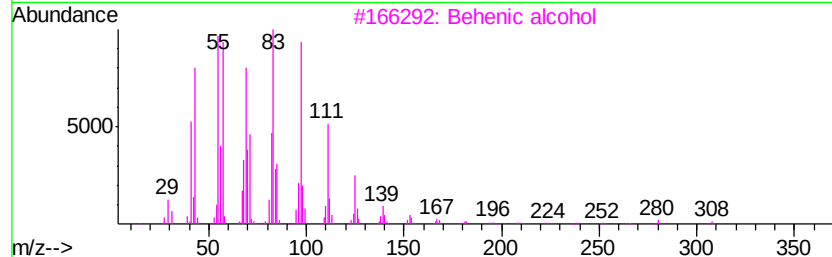
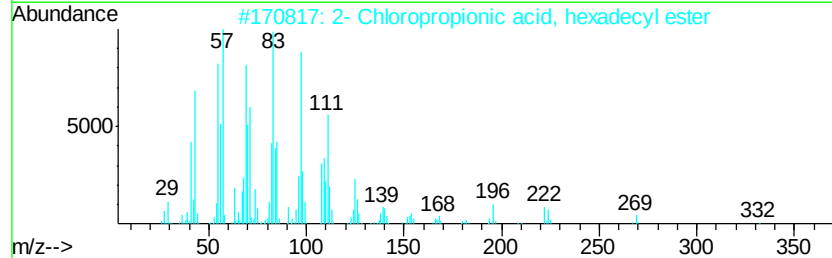
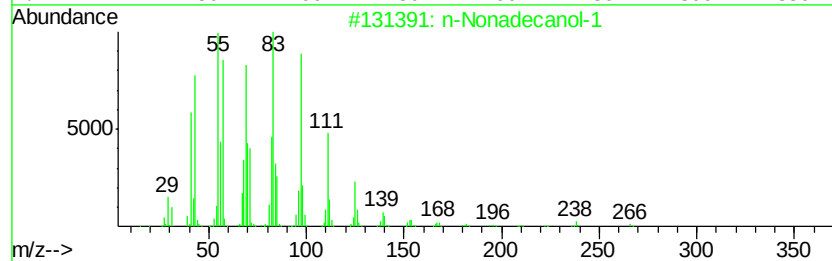
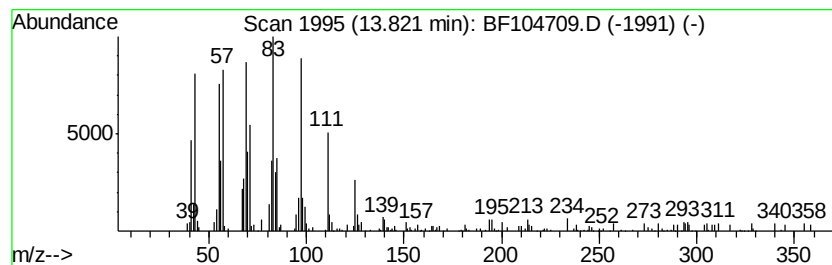
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.82	9.41 ng	251518	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042318\
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Acq On : 23 Apr 2018 15:07
Operator : JU/SJ
Sample : J2495-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-RO-1-7-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	2.6	ng	86217	1	6.81	653031	20.0
unknown6.59	6.59	68.6	ng	2240860	1	6.81	653031	20.0
Benzene, 2,4-dich...	9.71	2.9	ng	116442	3	9.85	818396	20.0
unknown9.76	9.76	2.5	ng	102187	3	9.85	818396	20.0
Naphthalene, 2,3,...	10.09	2.2	ng	88587	3	9.85	818396	20.0
unknown10.25	10.25	4.9	ng	200403	3	9.85	818396	20.0
Hexadecane, 2,6,1...	10.76	9.6	ng	318587	4	11.35	664593	20.0
Heptadecane, 2,6,...	11.23	11.9	ng	396439	4	11.35	664593	20.0
n-Nonadecanol-1	13.82	9.4	ng	251518	5	13.99	534618	20.0