

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092839.D
 Acq On : 7 Feb 2017 20:18
 Operator : SJ/MA
 Sample : I1731-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMP

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-BF013017.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	5.093	260	263	272	rVB	1224628	1854598	36.80%	4.080%
2	5.516	297	300	302	rBV	4037352	4256436	84.46%	9.364%
3	6.544	387	390	393	rBV	4154625	5039597	100.00%	11.087%
4	6.670	398	401	404	rBV	3902176	4780525	94.86%	10.517%
5	6.899	419	421	424	rBV	1144171	1000250	19.85%	2.200%
6	7.059	432	435	438	rBV	4039414	3664755	72.72%	8.062%
7	7.470	468	471	473	rBV	3440421	3419118	67.85%	7.522%
8	8.190	531	534	536	rBV	1401546	1292743	25.65%	2.844%
9	9.265	625	628	631	rBV	4469678	4248604	84.30%	9.347%
10	9.653	660	662	665	rBV	415212	489665	9.72%	1.077%
11	9.870	677	681	685	rBV2	61994	72494	1.44%	0.159%
12	9.939	685	687	690	rVB	1098145	1142884	22.68%	2.514%
13	10.350	721	723	724	rBV	30724	51666	1.03%	0.114%
14	10.373	724	725	726	rVB	114743	79809	1.58%	0.176%
15	10.590	741	744	747	rBV	40351	53746	1.07%	0.118%
16	10.739	754	757	759	rBV	2002956	2334813	46.33%	5.136%
17	10.842	764	766	771	rVB	240221	260303	5.17%	0.573%
18	11.288	804	805	807	rBV	79146	96348	1.91%	0.212%
19	11.425	815	817	820	rBV	754343	958889	19.03%	2.109%
20	11.722	841	843	845	rVB	91844	80196	1.59%	0.176%
21	12.476	907	909	916	rVB3	22909	51385	1.02%	0.113%
22	12.865	941	943	946	rBV	34972	53734	1.07%	0.118%
23	13.013	954	956	959	rBV	2716046	3098573	61.48%	6.817%
24	13.551	1001	1003	1005	rBV	323958	269634	5.35%	0.593%
25	13.916	1033	1035	1040	rBV2	47640	87435	1.73%	0.192%
26	14.065	1046	1048	1051	rBV	815922	848882	16.84%	1.867%
27	14.442	1077	1081	1083	rBV3	23148	63623	1.26%	0.140%
28	14.568	1086	1092	1093	rVV	118991	339647	6.74%	0.747%
29	14.637	1094	1098	1101	rVV	197115	652108	12.94%	1.435%
30	14.694	1101	1103	1105	rVV	405808	649740	12.89%	1.429%
31	14.739	1105	1107	1110	rVV	243521	643533	12.77%	1.416%
32	14.819	1110	1114	1117	rVV	290443	1022870	20.30%	2.250%
33	14.877	1117	1119	1120	rVV2	199825	336483	6.68%	0.740%
34	14.911	1120	1122	1125	rVV2	171286	504896	10.02%	1.111%

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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-BF013017.M
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35	15.014	1129	1131	1133	rVV	119783	233523	4.63%	0.514%
36	15.059	1133	1135	1137	rVV	64673	129616	2.57%	0.285%
37	15.105	1137	1139	1142	rVV2	43777	94645	1.88%	0.208%
38	15.162	1142	1144	1146	rVB2	36306	56180	1.11%	0.124%
39	15.517	1172	1175	1180	rBV	525143	852638	16.92%	1.876%
40	15.962	1211	1214	1218	rBV	46078	79530	1.58%	0.175%
41	16.454	1255	1257	1260	rBV	39602	73210	1.45%	0.161%
42	17.037	1305	1308	1313	rVB	30006	68653	1.36%	0.151%
43	17.723	1365	1368	1374	rVB2	27214	68266	1.35%	0.150%

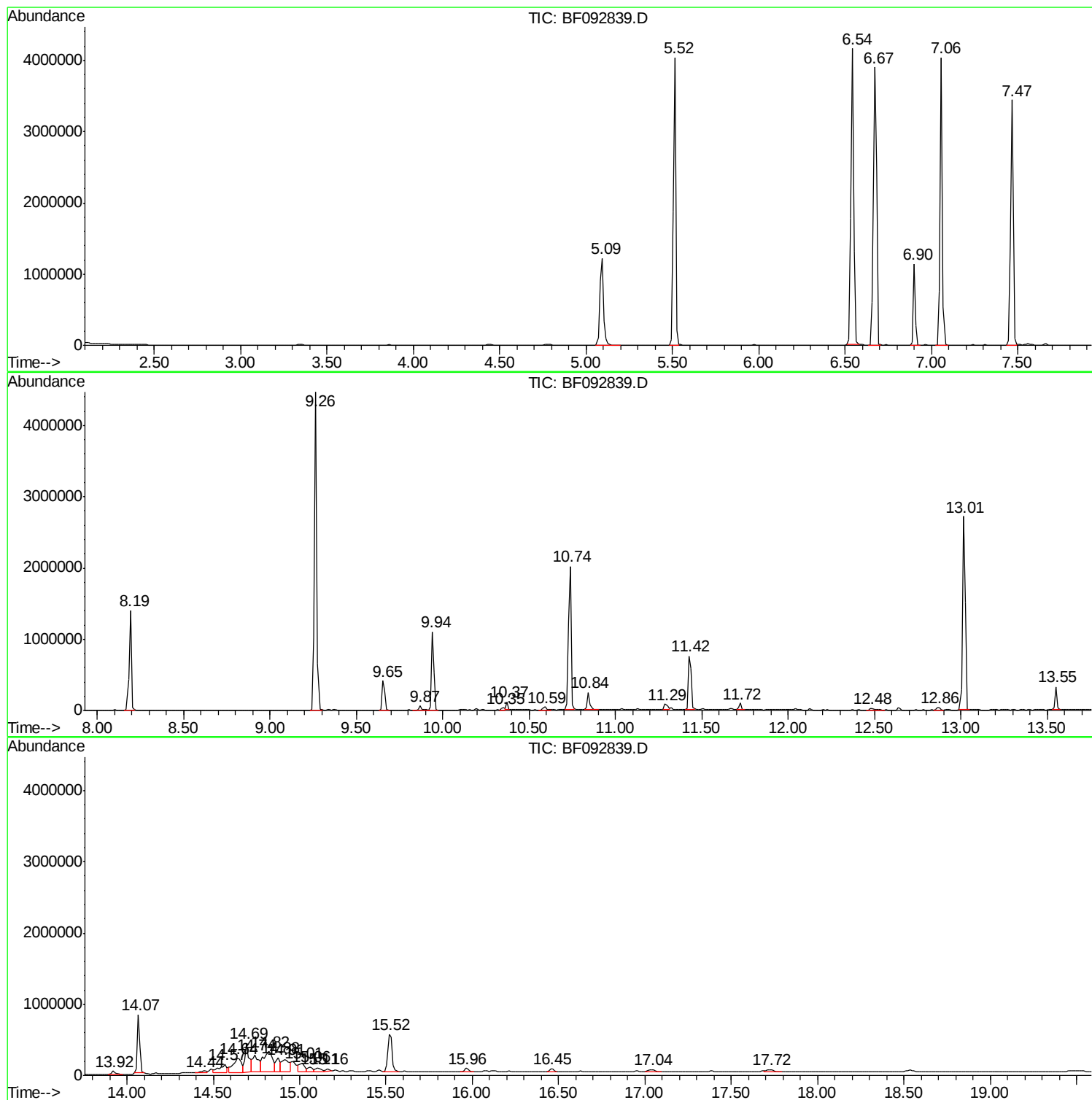
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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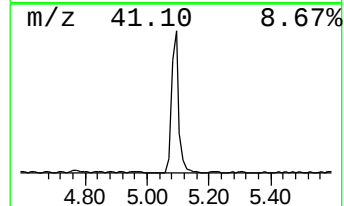
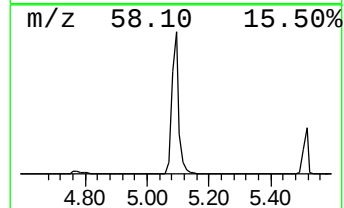
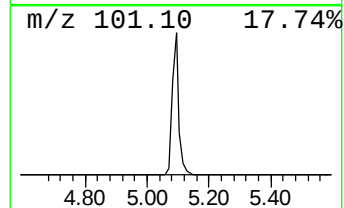
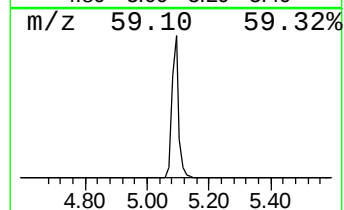
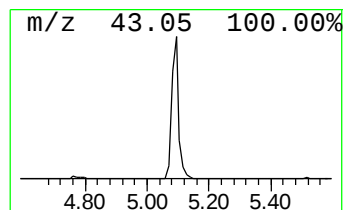
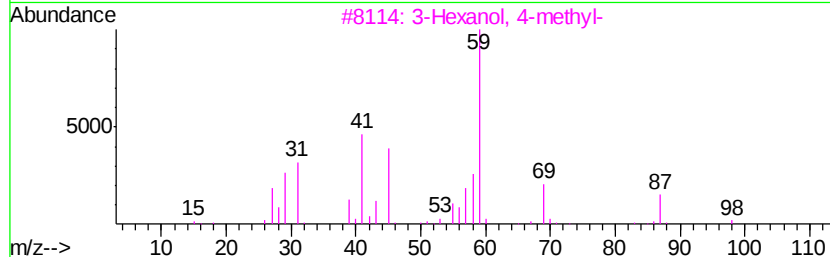
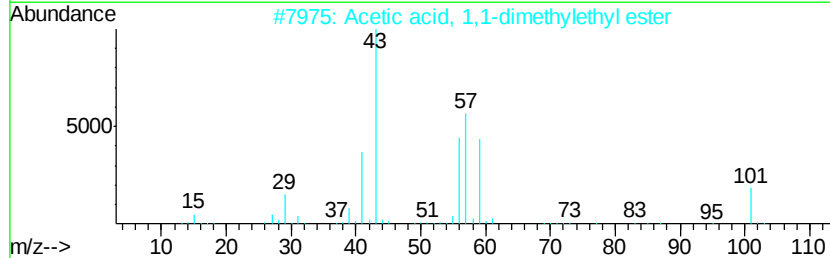
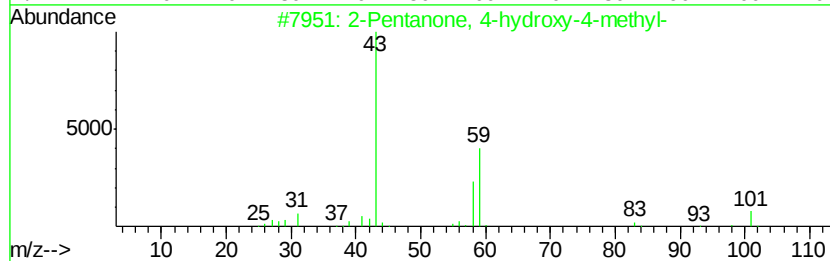
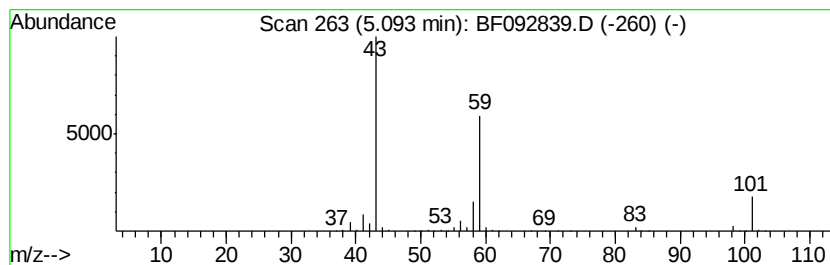
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	37.08 ng	1854600	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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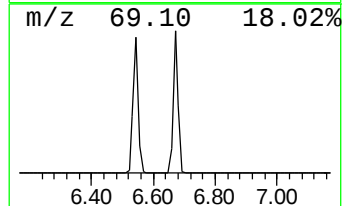
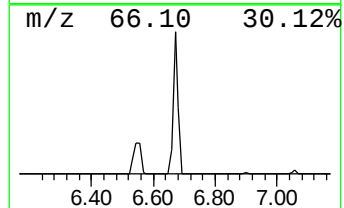
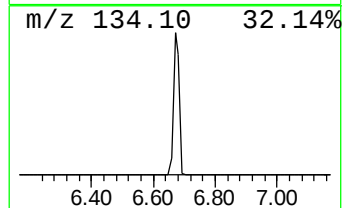
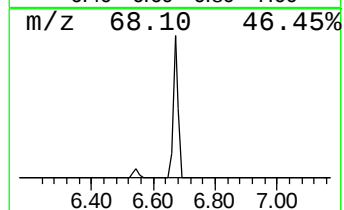
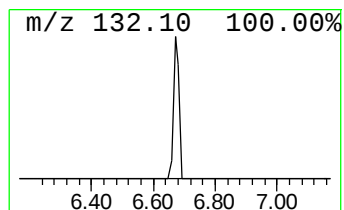
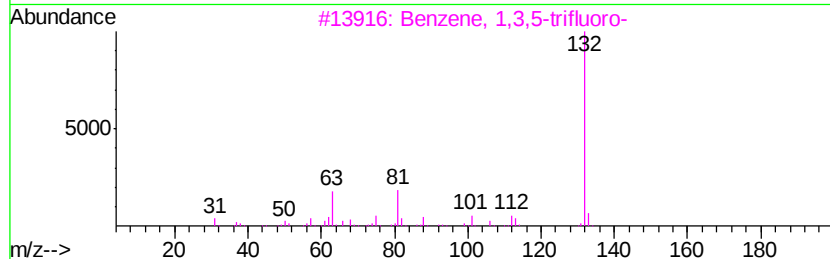
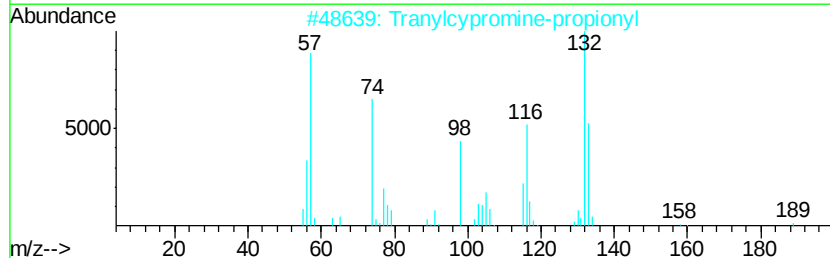
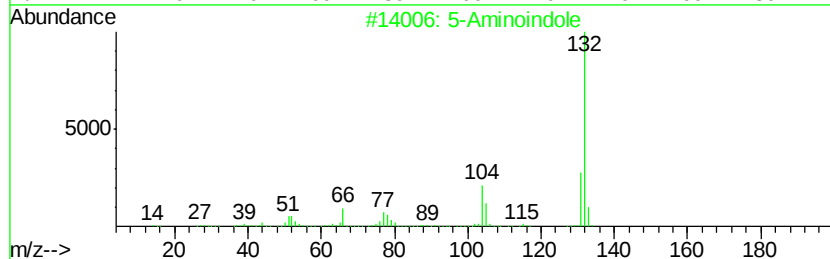
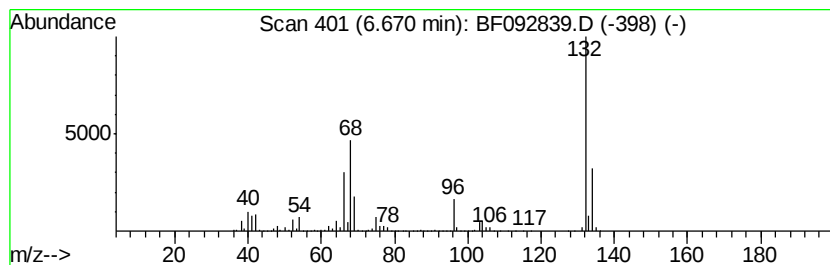
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Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	95.59 ng	4780530	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Aminoindole	132	C8H8N2	005192-03-0	12
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3			Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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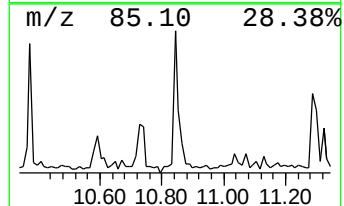
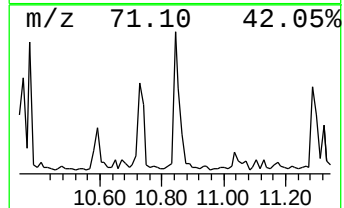
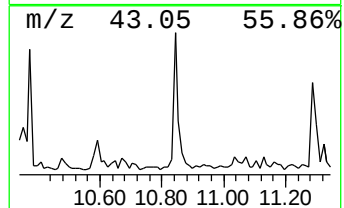
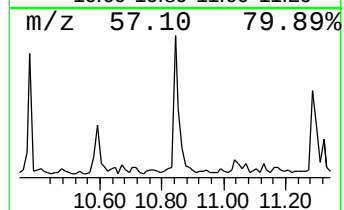
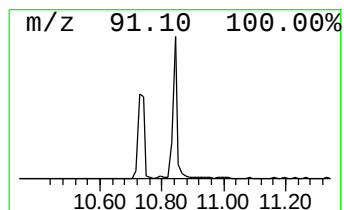
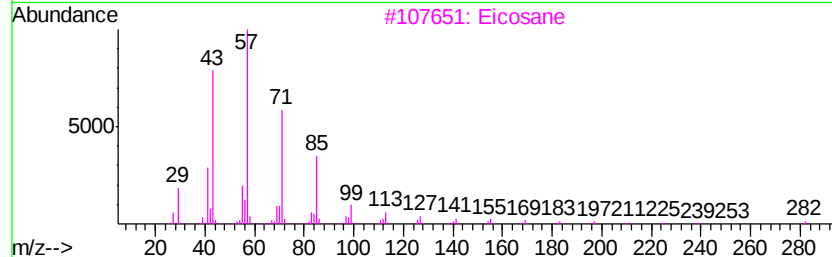
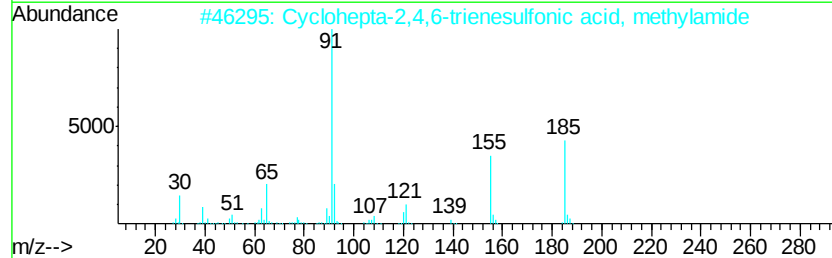
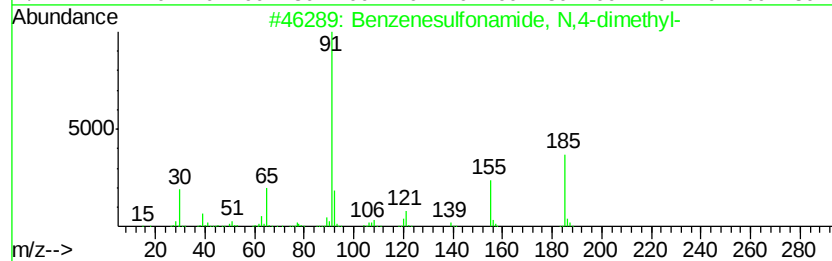
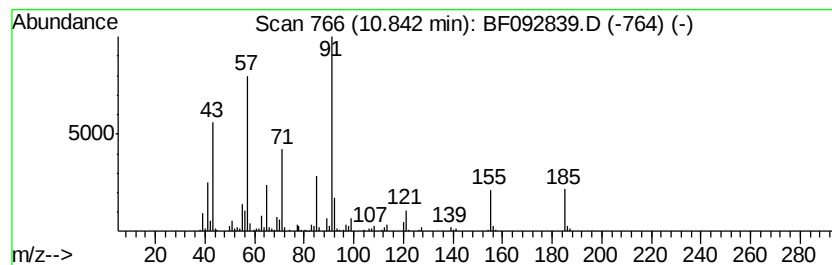
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzenesulfonamide, N,4-dim... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.84	5.43 ng	260303	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	87
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	83
3	Eicosane	282	C20H42	000112-95-8	41
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	35
5	Heptacosane	380	C27H56	000593-49-7	35



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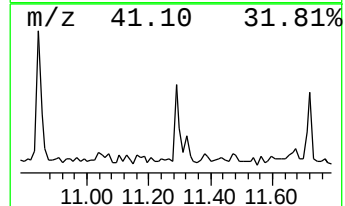
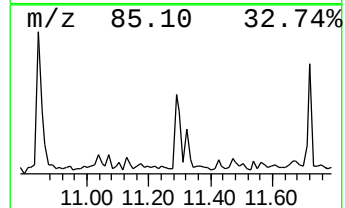
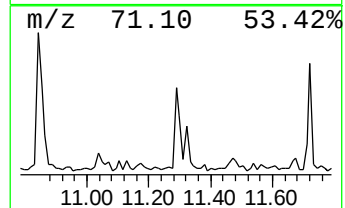
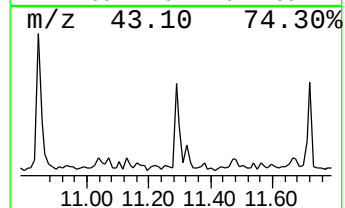
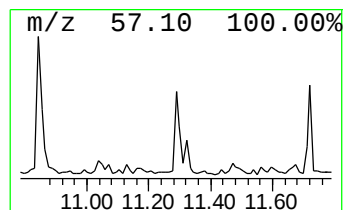
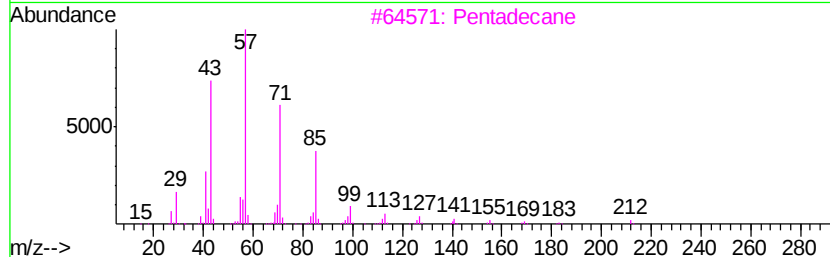
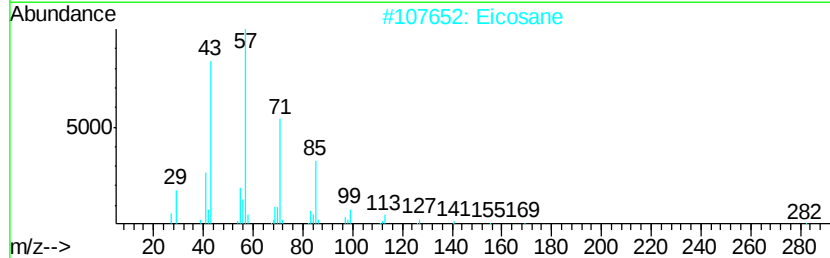
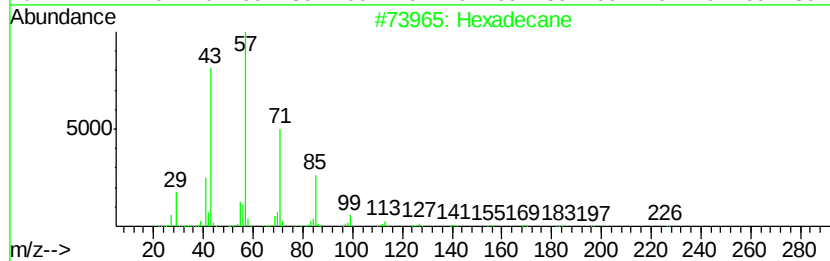
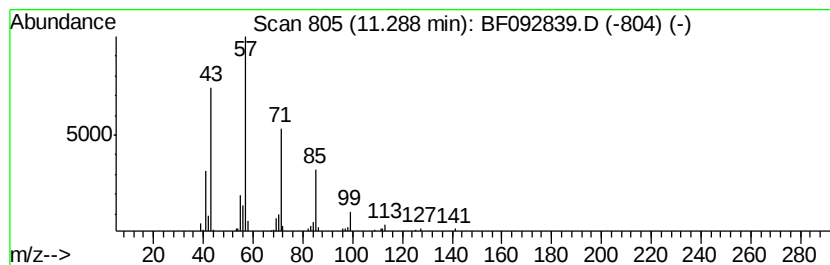
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.29	2.01 ng	96348	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tridecane	184	C13H28	000629-50-5	86



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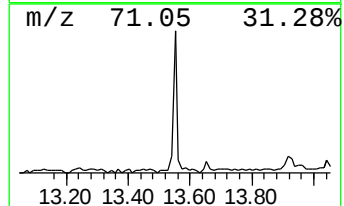
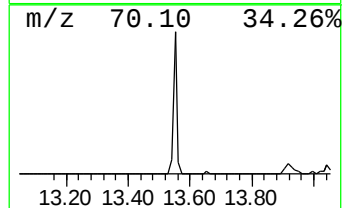
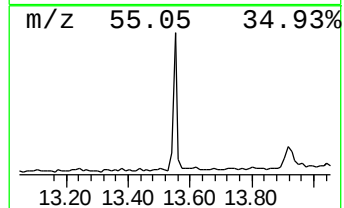
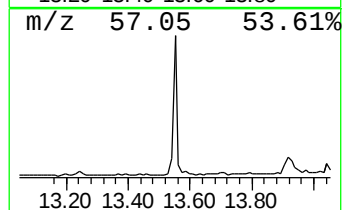
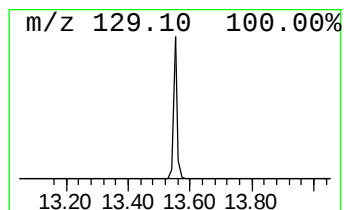
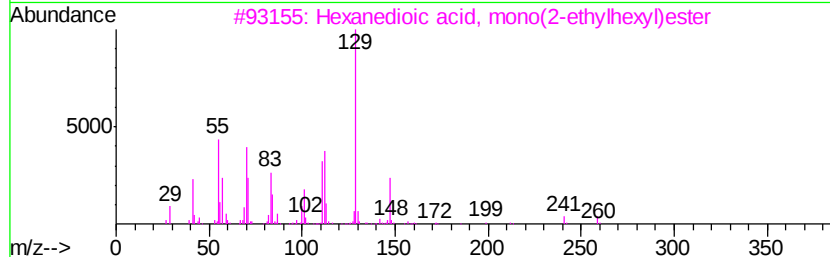
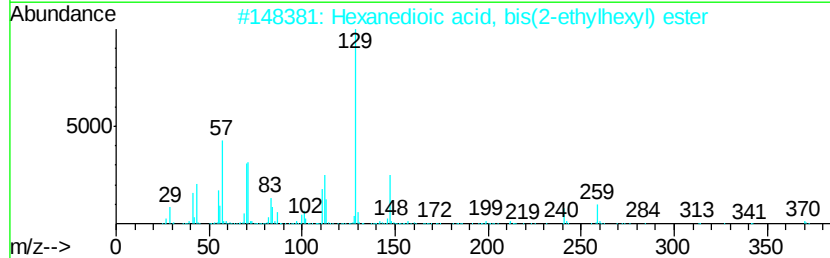
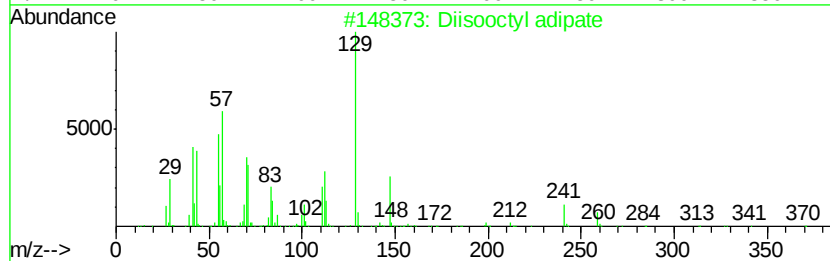
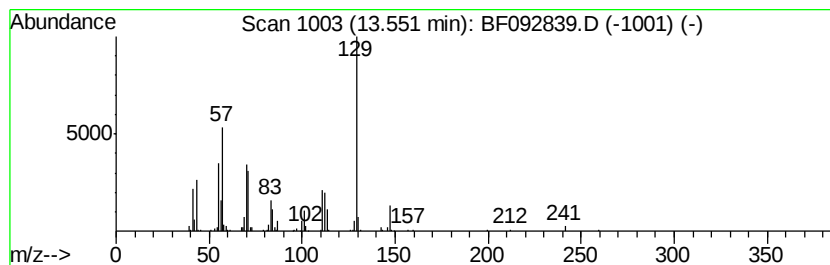
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Diisooctyl adipate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	6.35 ng	269634	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diisooctyl adipate	370	C22H42O4	001330-86-5	90
2		Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3		Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	62
4		Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	47
5		Hexanedioic acid, dihexyl ester	314	C18H34O4	000110-33-8	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092839.D
Acq On : 7 Feb 2017 20:18
Operator : SJ/MA
Sample : I1731-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

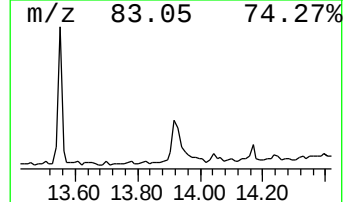
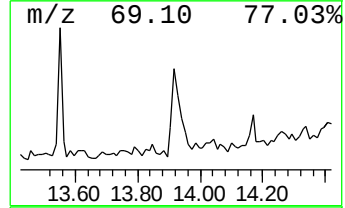
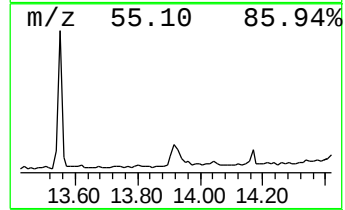
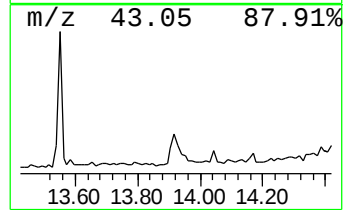
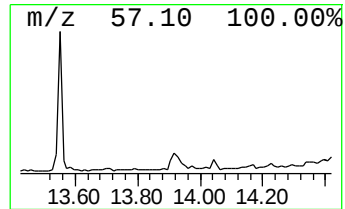
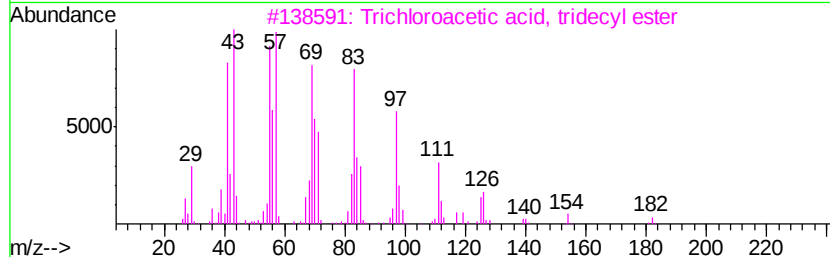
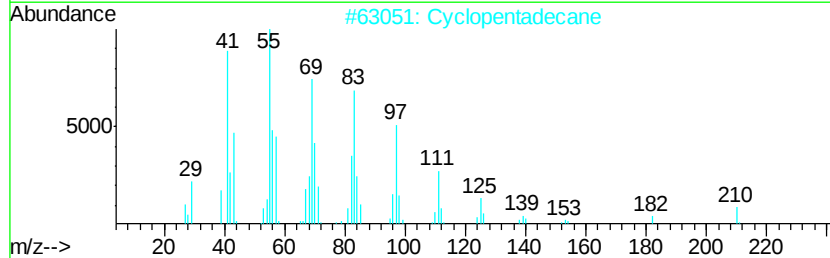
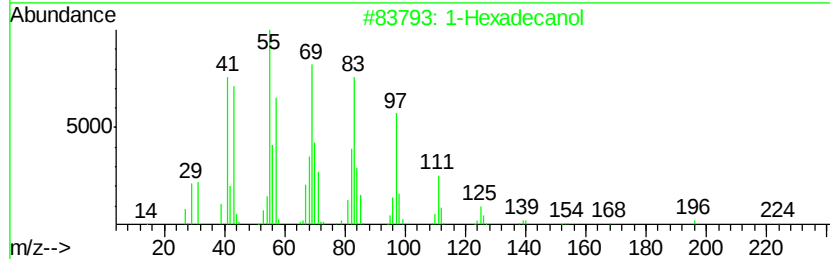
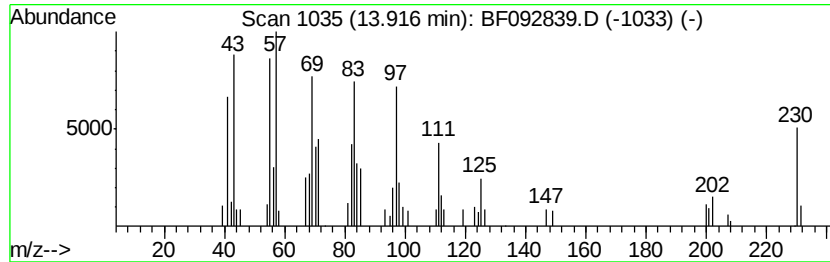
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ClientSampleId :
ROLL-OFF-1615-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Hexadecanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.92	2.06 ng	87435	Chrysene-d12	14.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexadecanol	242	C16H34O	036653-82-4	83
2		Cyclopentadecane	210	C15H30	000295-48-7	80
3		Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	74
4		1-Pentadecanol	228	C15H32O	000629-76-5	74
5		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092839.D
Acq On : 7 Feb 2017 20:18
Operator : SJ/MA
Sample : I1731-01
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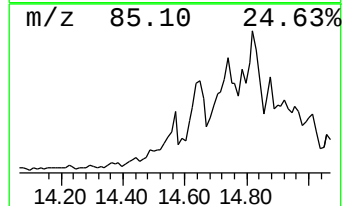
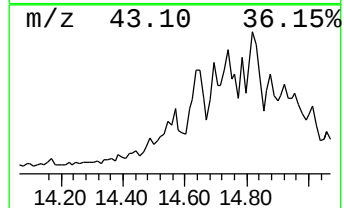
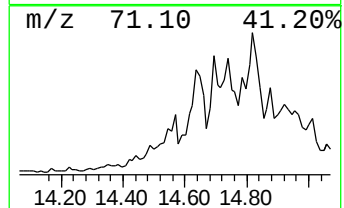
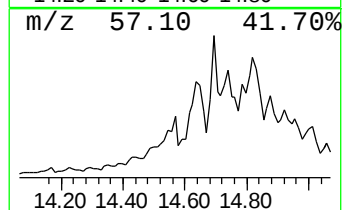
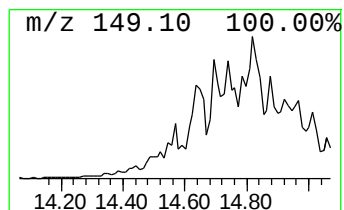
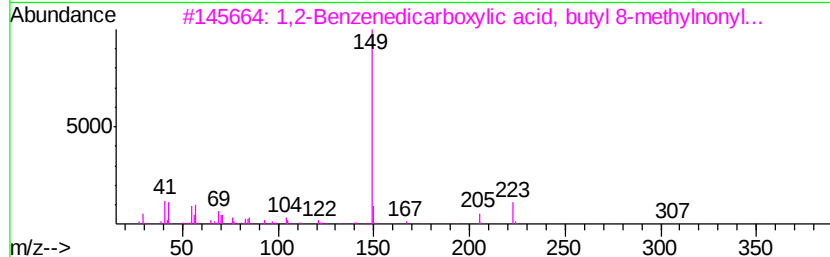
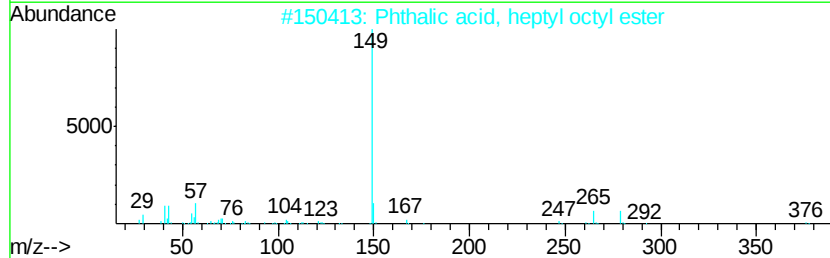
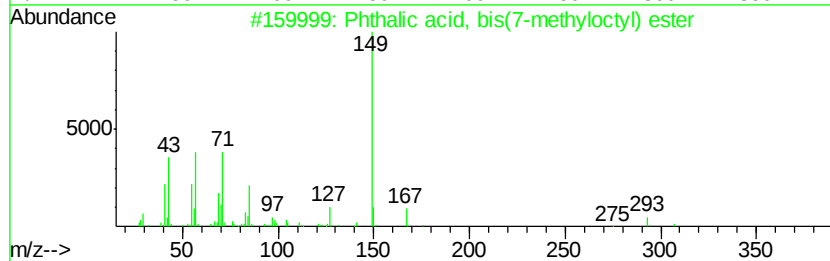
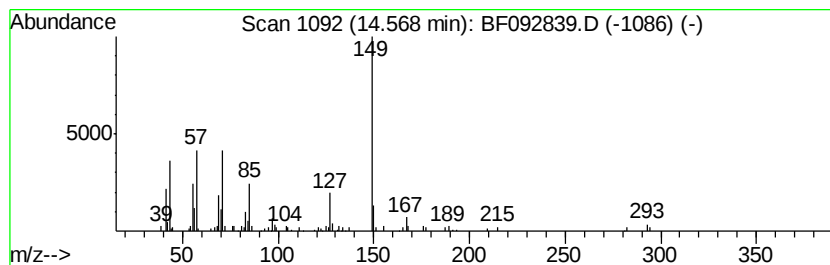
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phthalic acid, bis(7-methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.57	8.00 ng	339647	Chrysene-d12		14.07	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	58
2		Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	38
3		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	38
4		1,2-Benzenedicarboxylic acid, de...	390	C24H38O4	025724-58-7	38
5		1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092839.D
Acq On : 7 Feb 2017 20:18
Operator : SJ/MA
Sample : I1731-01
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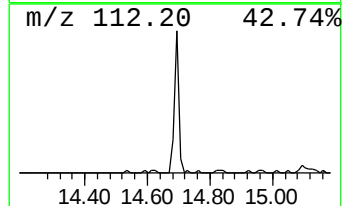
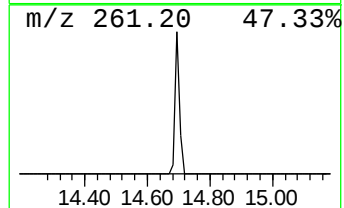
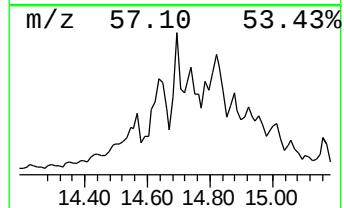
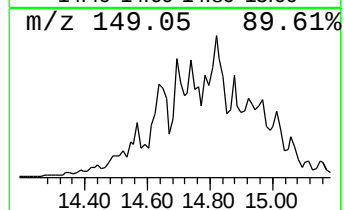
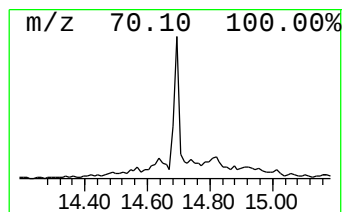
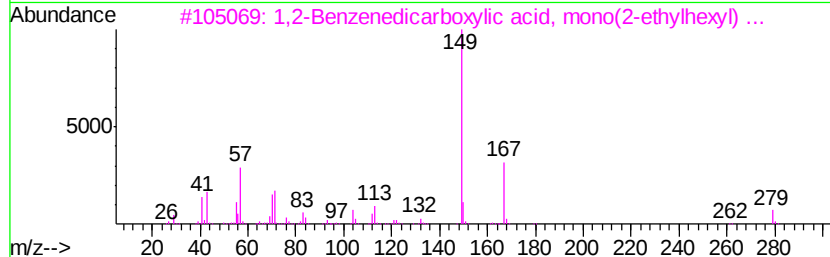
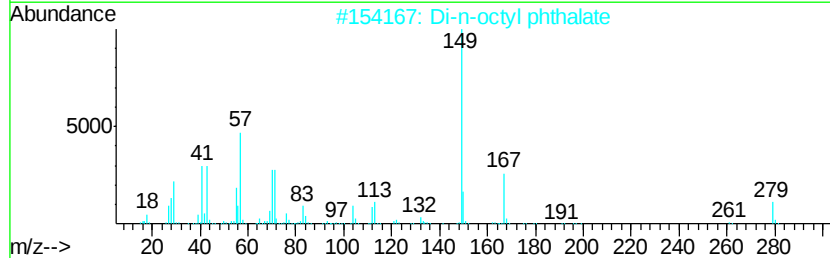
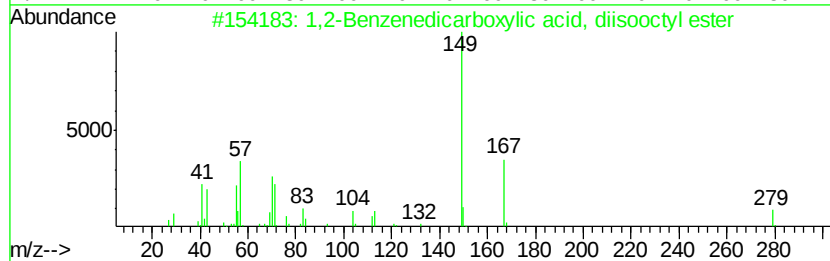
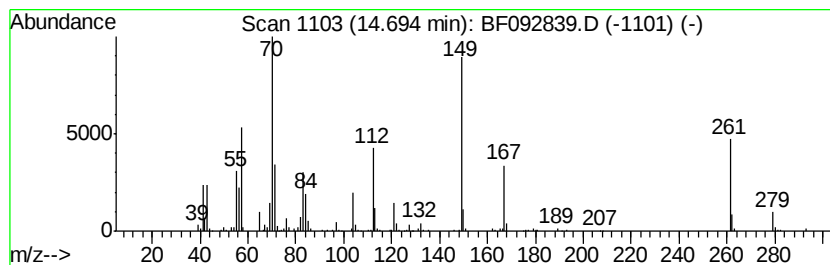
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.69 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	15.31 ng	649740	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	38
2		Di-n-octyl phthalate	390	C24H38O4	000117-84-0	35
3		1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	27
4		Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	22
5		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092839.D
Acq On : 7 Feb 2017 20:18
Operator : SJ/MA
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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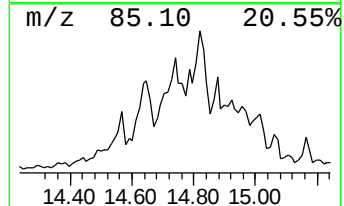
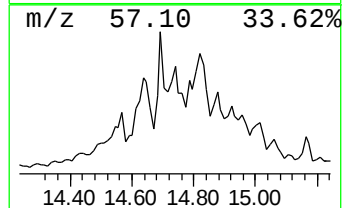
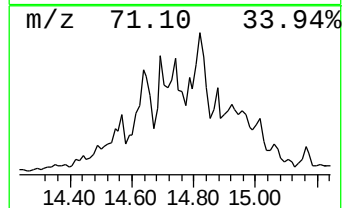
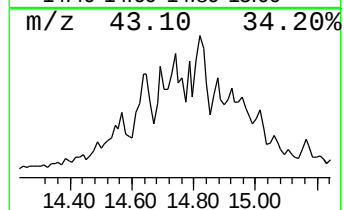
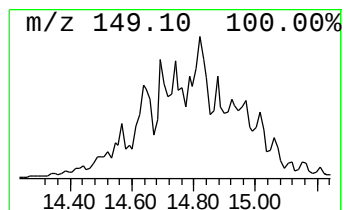
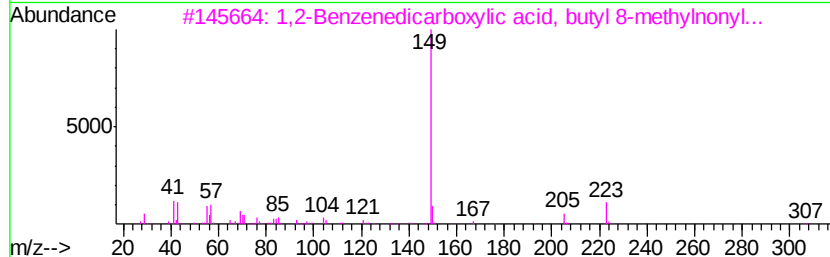
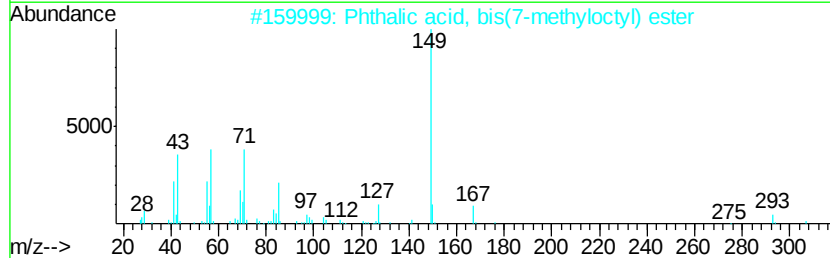
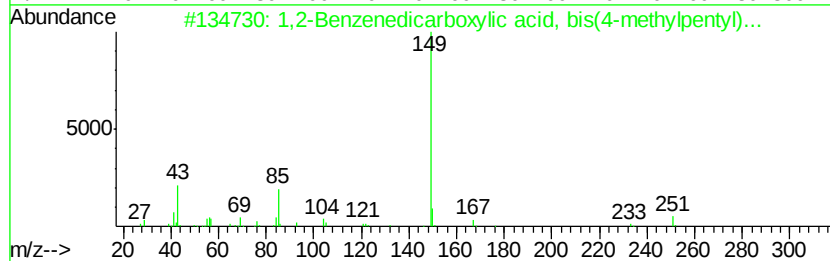
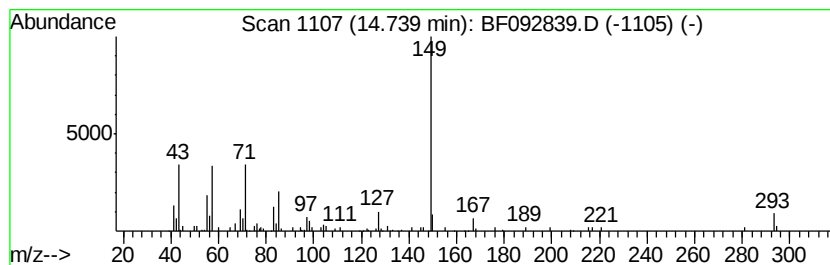
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,2-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	15.16 ng	643533	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	53
2		Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	49
3		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	47
4		1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	38
5		Dibutyl phthalate	278	C16H22O4	000084-74-2	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092839.D
Acq On : 7 Feb 2017 20:18
Operator : SJ/MA
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Instrument :
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ClientSampleId :
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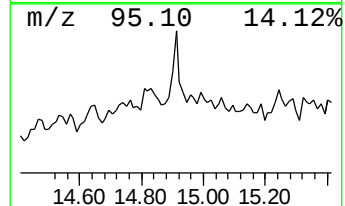
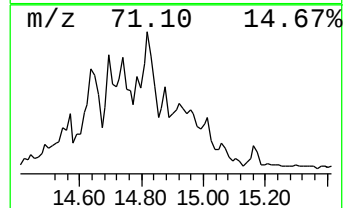
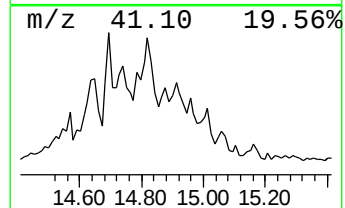
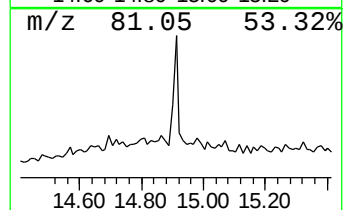
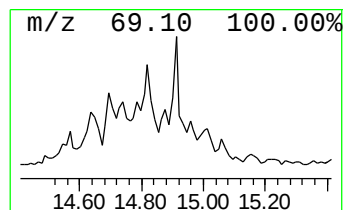
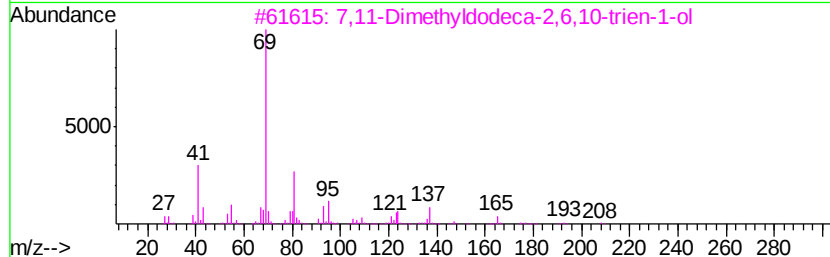
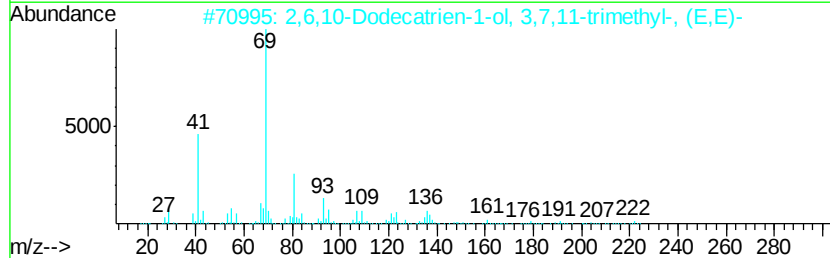
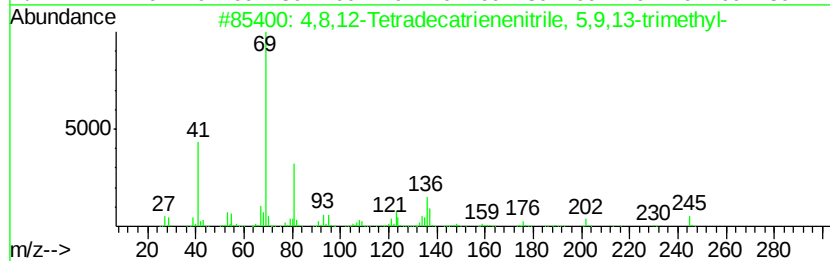
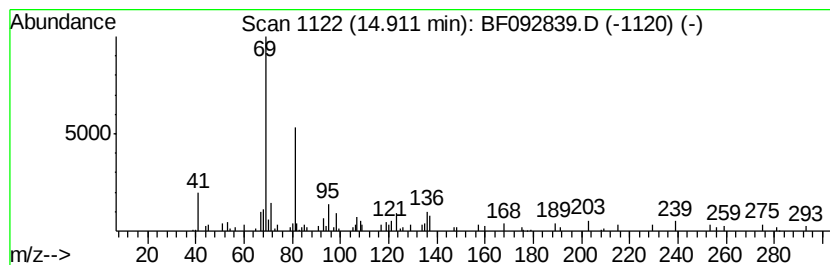
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4,8,12-Tetradecatrienenitri... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	11.84 ng	504896	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	59
2		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	59
3		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	58
4		3,7-Nonadien-2-ol, 4,8-dimethyl-	168	C11H20O	067845-50-5	53
5		2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
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Acq On : 7 Feb 2017 20:18
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Misc :
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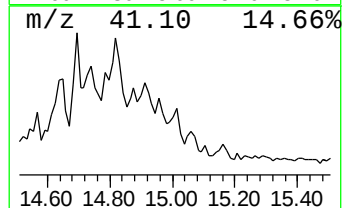
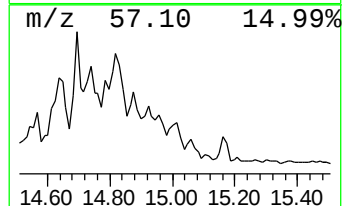
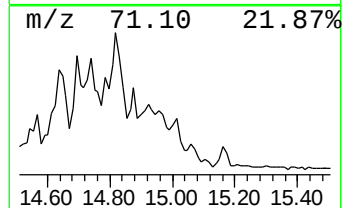
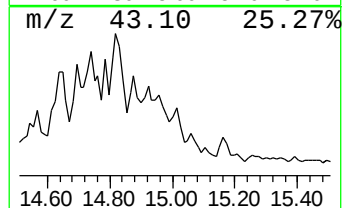
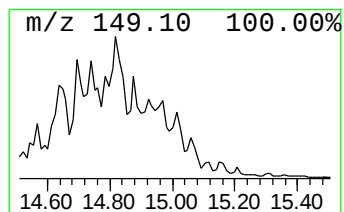
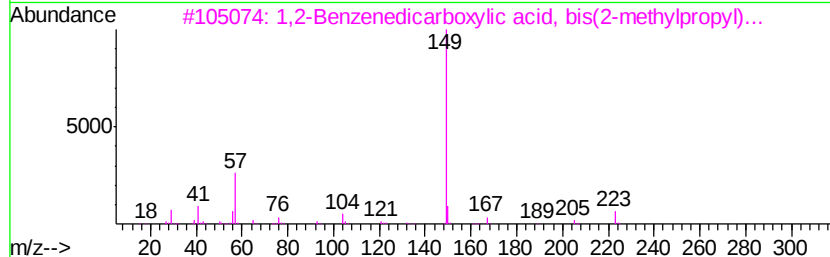
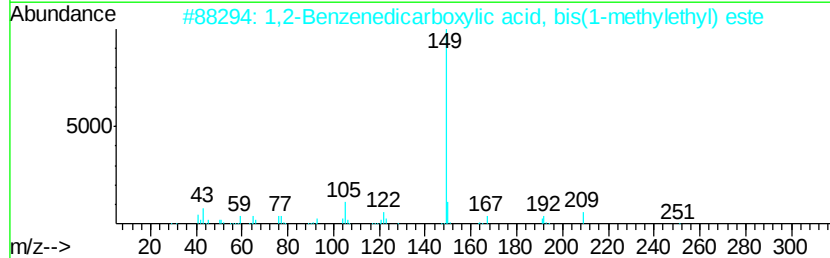
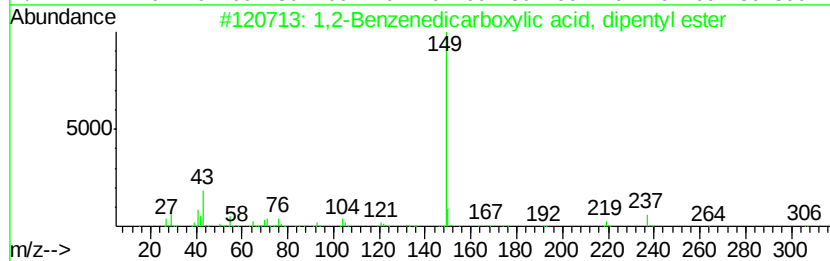
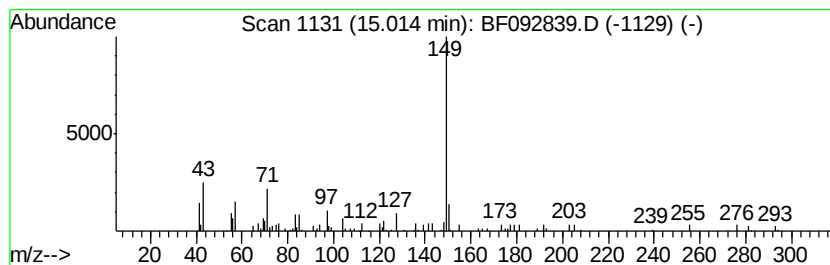
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,2-Benzenedicarboxylic aci... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	5.48 ng	233523	Perylene-d12	15.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, di...	306	C18H26O4	000131-18-0	50
2			1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	47
3			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	47
4			1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	47
5			2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
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Acq On : 7 Feb 2017 20:18
Operator : SJ/MA
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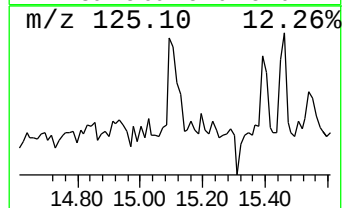
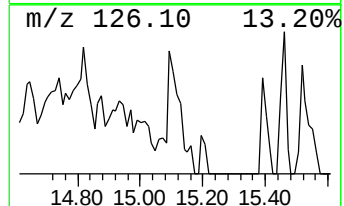
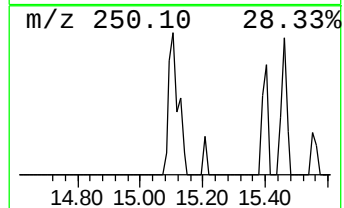
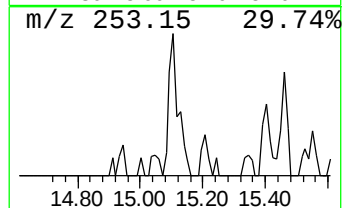
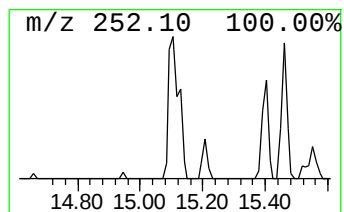
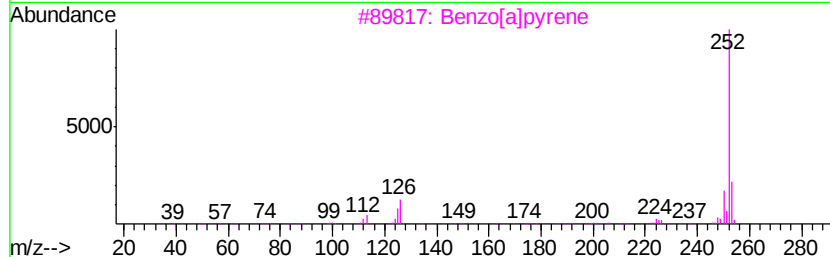
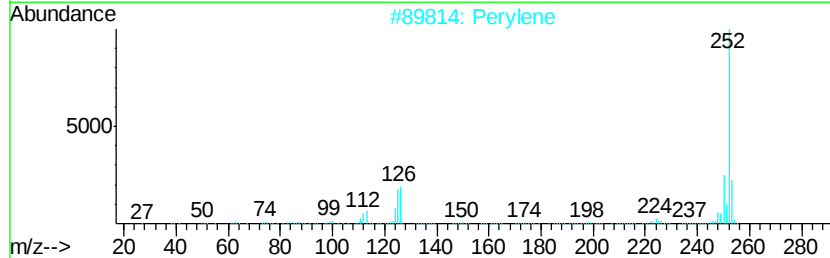
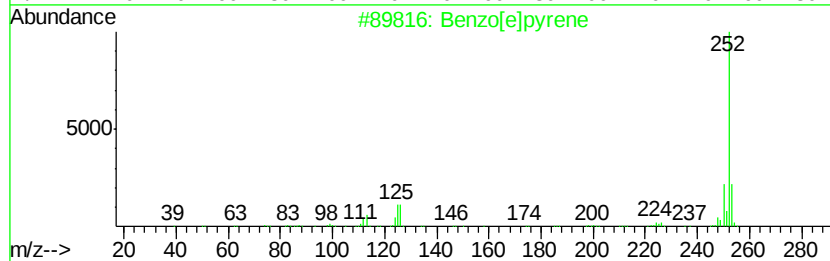
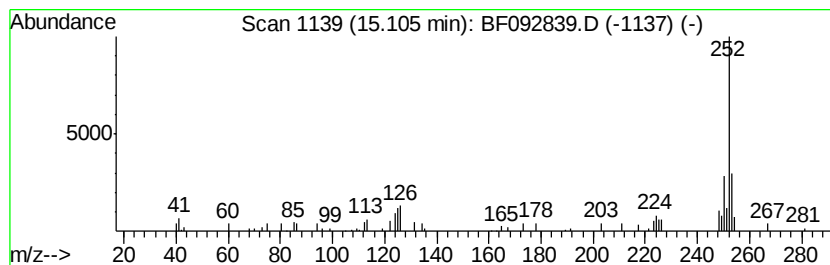
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.22 ng	94645	Perylene-d12	15.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	81
2		Perylene	252	C20H12	000198-55-0	76
3		Benzo[a]pyrene	252	C20H12	000050-32-8	72
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	68
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
Data File : BF092839.D
Acq On : 7 Feb 2017 20:18
Operator : SJ/MA
Sample : I1731-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.09	37.1 ng		1854600	1	6.90	1000250	20.0
unknown6.67	6.67	95.6 ng		4780530	1	6.90	1000250	20.0
Benzenesulfonamid...	10.84	5.4 ng		260303	4	11.42	958889	20.0
Hexadecane	11.29	2.0 ng		96348	4	11.42	958889	20.0
Diisooctyl adipate	13.55	6.3 ng		269634	5	14.07	848882	20.0
1-Hexadecanol	13.92	2.1 ng		87435	5	14.07	848882	20.0
Phthalic acid, bi...	14.57	8.0 ng		339647	5	14.07	848882	20.0
unknown14.69	14.69	15.3 ng		649740	5	14.07	848882	20.0
1,2-Benzenedicarb...	14.74	15.2 ng		643533	5	14.07	848882	20.0
4,8,12-Tetradecat...	14.91	11.8 ng		504896	6	15.53	852638	20.0
1,2-Benzenedicarb...	15.01	5.5 ng		233523	6	15.53	852638	20.0
Benzo[e]pyrene	15.11	2.2 ng		94645	6	15.53	852638	20.0