

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091691.D
 Acq On : 16 Dec 2016 23:45
 Operator : UM/SJ
 Sample : H6121-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-01-13

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-BF120916.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	4.956	247	251	259	rVB	1812473	3251069	47.92%	5.485%
2	5.379	285	288	291	rBV	5250837	6657408	98.13%	11.232%
3	6.419	376	379	382	rBV	5362413	6578946	96.97%	11.100%
4	6.545	387	390	393	rVB	6562138	6477780	95.48%	10.929%
5	6.773	408	410	412	rBV	1693222	1413860	20.84%	2.385%
6	6.933	421	424	426	rBV	5213875	4966228	73.20%	8.379%
7	7.345	456	460	462	rBV	3261784	4137704	60.99%	6.981%
8	8.065	520	523	525	rBV	844488	1243340	18.33%	2.098%
9	8.865	591	593	596	rBV	190234	255463	3.77%	0.431%
10	9.139	614	617	619	rBV	7009519	6784233	100.00%	11.446%
11	9.333	631	634	636	rVB	50257	70233	1.04%	0.118%
12	9.402	636	640	642	rBV	72157	105956	1.56%	0.179%
13	9.471	644	646	647	rBV	116979	112956	1.66%	0.191%
14	9.528	649	651	654	rVB	562020	565469	8.34%	0.954%
15	9.813	673	676	677	rBV	2027136	2013623	29.68%	3.397%
16	9.836	677	678	681	rVB	81478	106510	1.57%	0.180%
17	10.248	713	714	716	rVB	109583	108115	1.59%	0.182%
18	10.476	730	734	737	rBV	36168	69224	1.02%	0.117%
19	10.602	742	745	747	rBV	3556227	4038198	59.52%	6.813%
20	10.728	754	756	760	rVB	133180	197698	2.91%	0.334%
21	11.174	793	795	796	rBV	117680	112656	1.66%	0.190%
22	11.288	803	805	809	rBV	1775848	1725103	25.43%	2.911%
23	11.825	850	852	857	rBV3	108361	175942	2.59%	0.297%
24	12.499	909	911	913	rBV	97073	95481	1.41%	0.161%
25	12.728	927	931	932	rBV	68754	112141	1.65%	0.189%
26	12.877	941	944	947	rBV	5160106	5011191	73.87%	8.455%
27	13.780	1020	1023	1027	rBV2	173547	237437	3.50%	0.401%
28	13.917	1033	1035	1038	rBV	1358202	1486930	21.92%	2.509%
29	15.323	1155	1158	1160	rBV	564387	667178	9.83%	1.126%
30	15.654	1185	1187	1189	rVB2	71570	99997	1.47%	0.169%
31	15.768	1195	1197	1199	rVB	82611	101560	1.50%	0.171%
32	15.814	1199	1201	1203	rVB2	109050	182251	2.69%	0.307%
33	15.860	1203	1205	1206	rBV2	55866	109003	1.61%	0.184%

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ALS Vial : 20 Sample Multiplier: 1

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

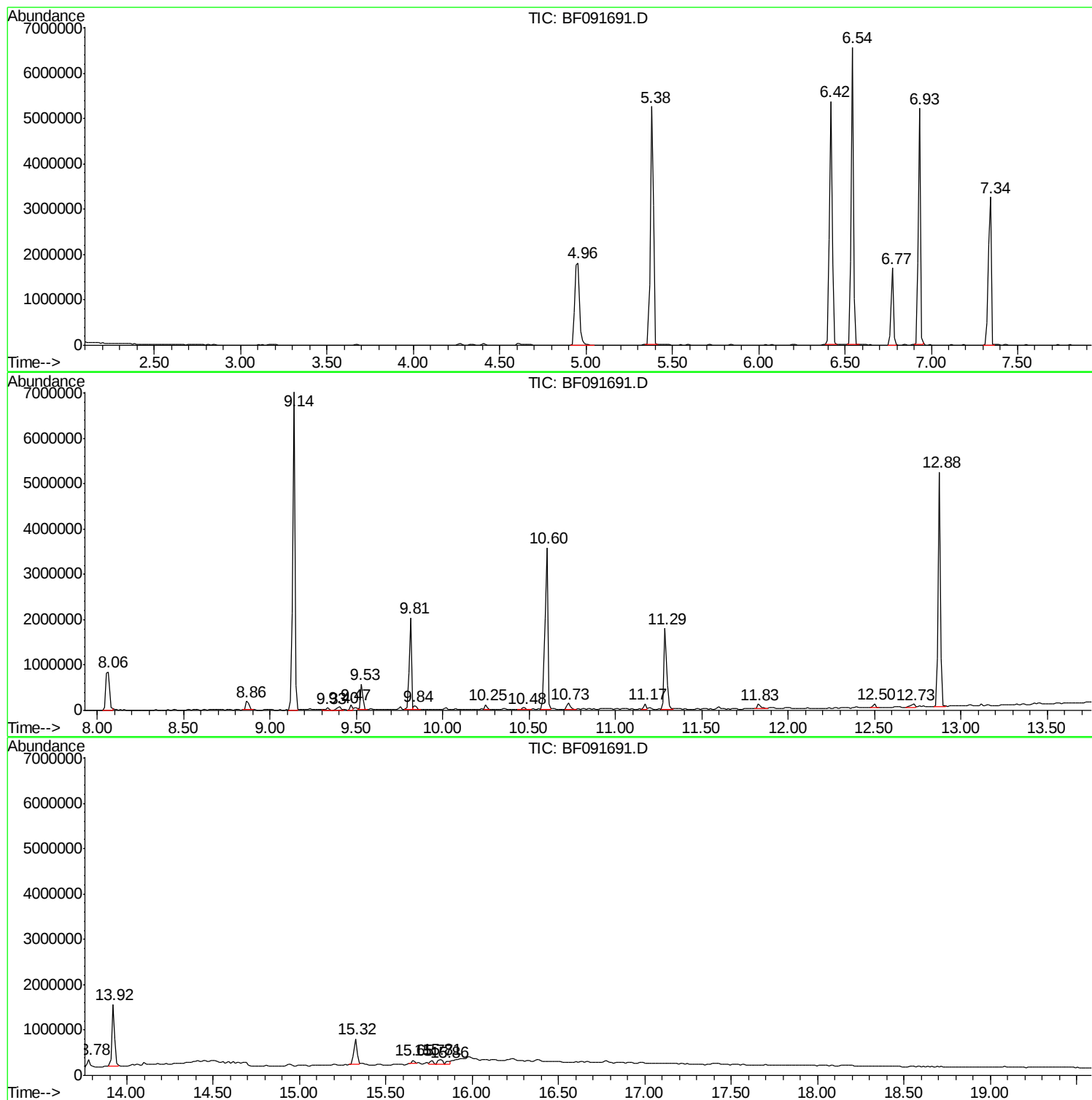
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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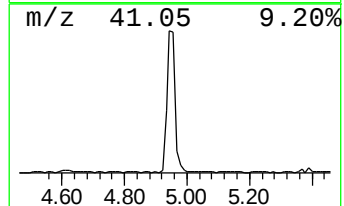
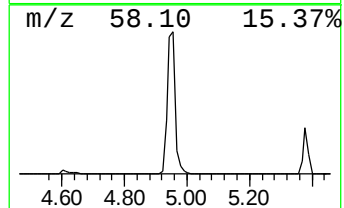
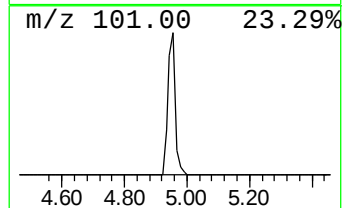
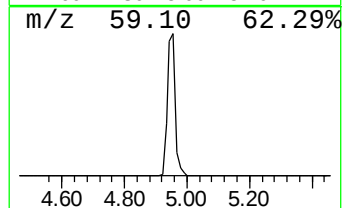
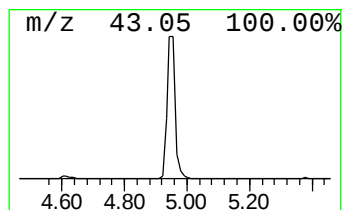
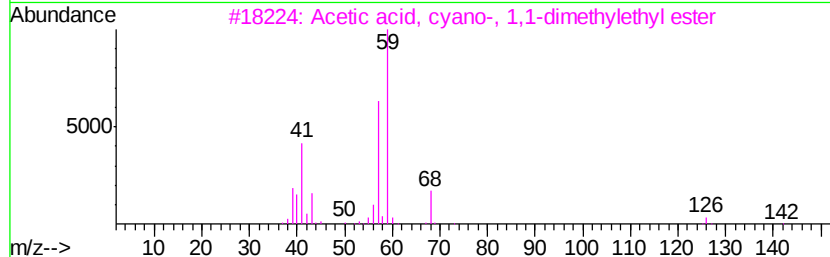
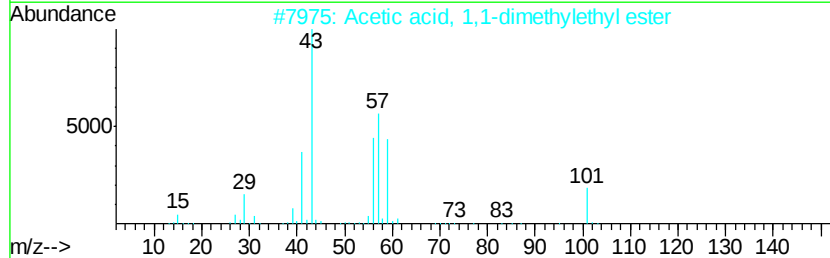
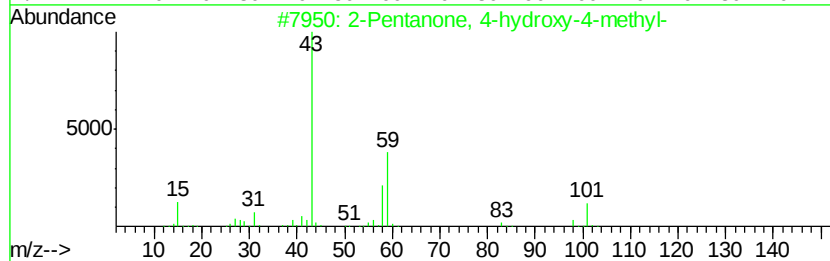
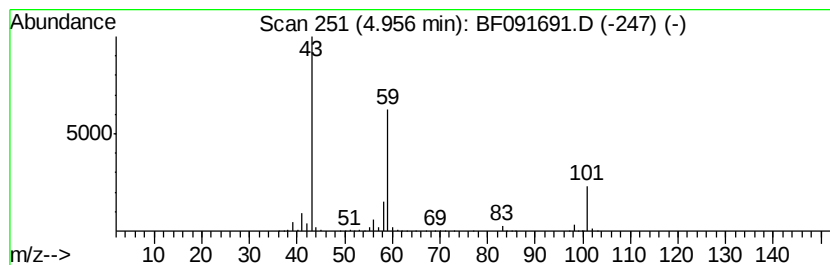
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	45.99 ng	3251070	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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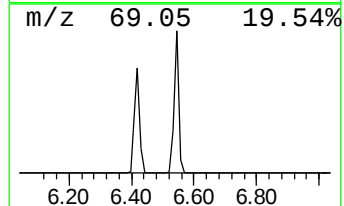
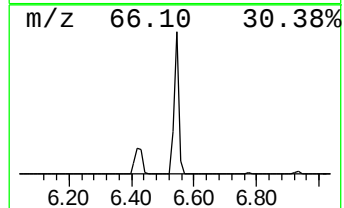
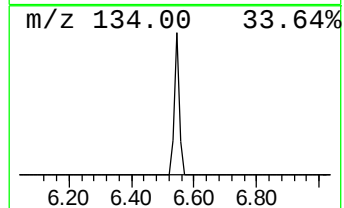
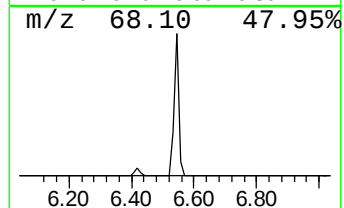
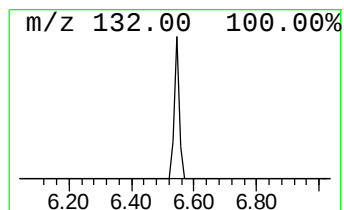
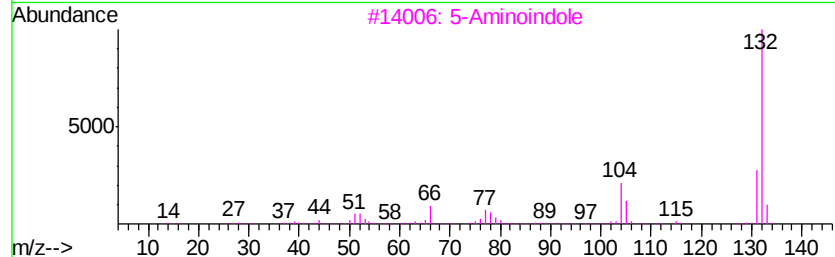
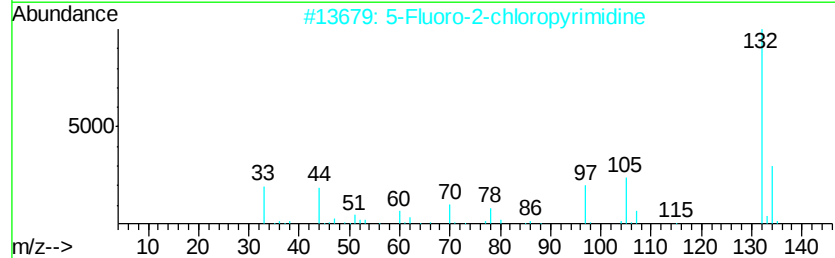
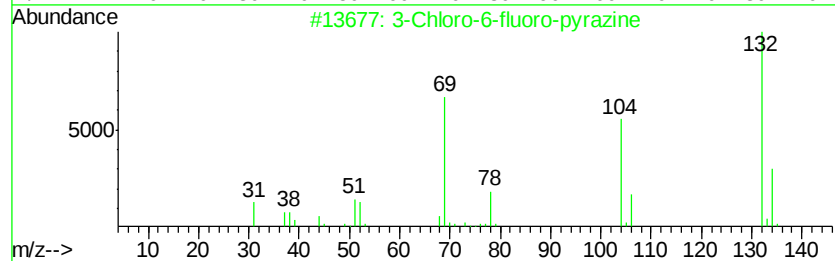
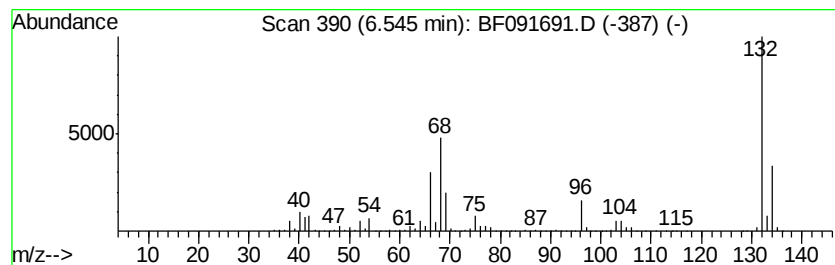
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	91.63 ng	6477780	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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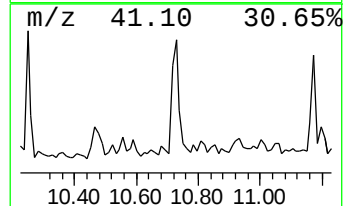
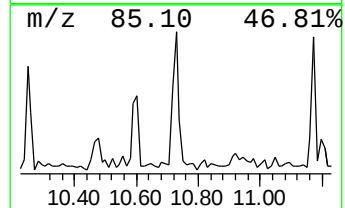
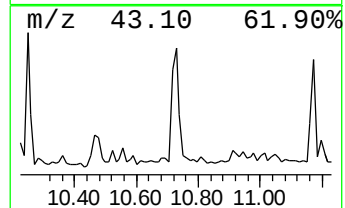
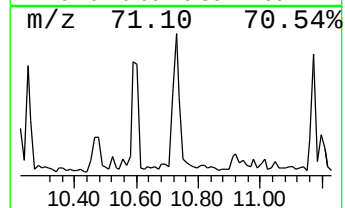
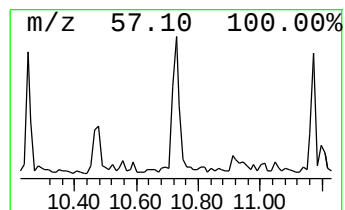
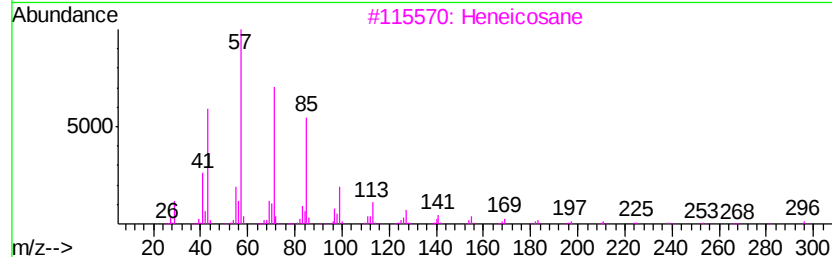
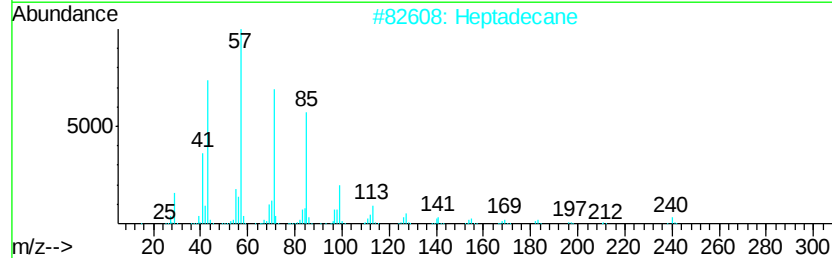
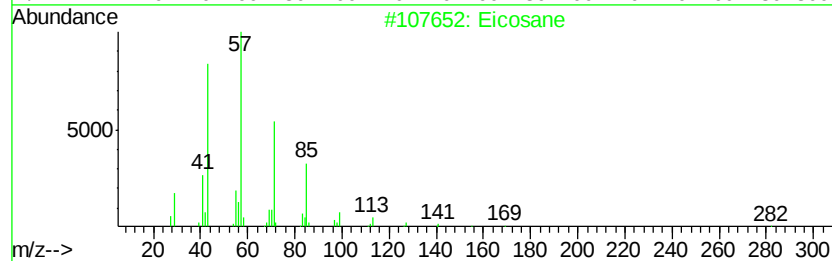
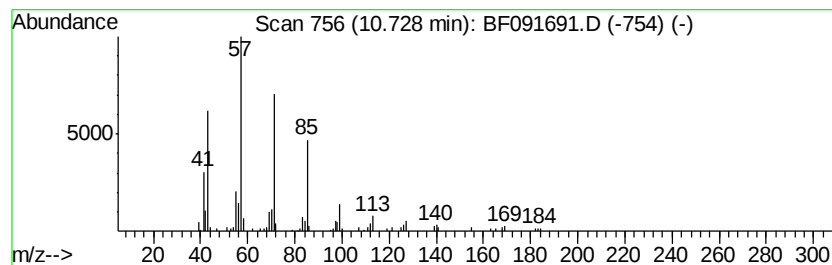
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.73	2.29 ng	197698	Phenanthrene-d10		11.29	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Heptadecane		240	C17H36	000629-78-7	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Octadecane		254	C18H38	000593-45-3	91
5	Pentadecane		212	C15H32	000629-62-9	90



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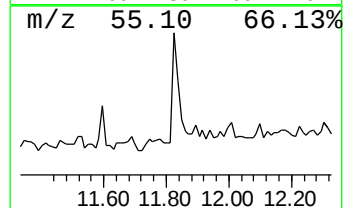
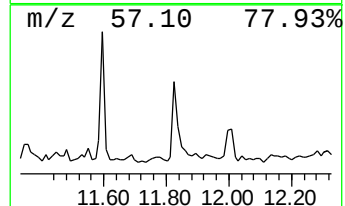
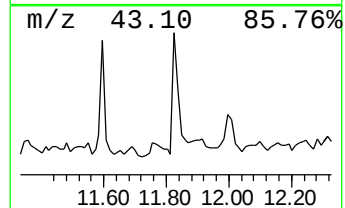
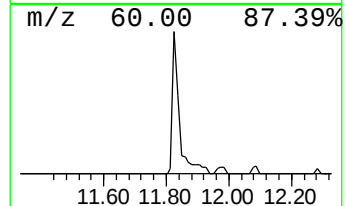
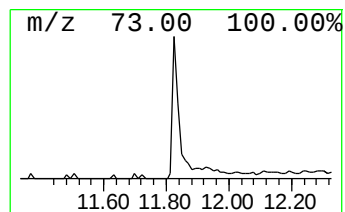
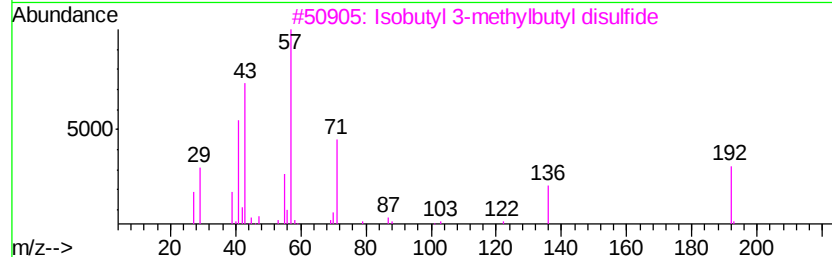
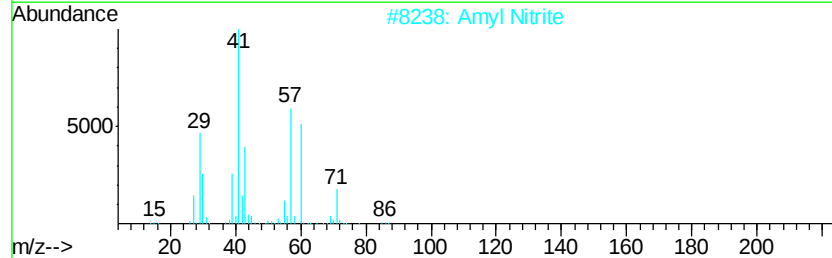
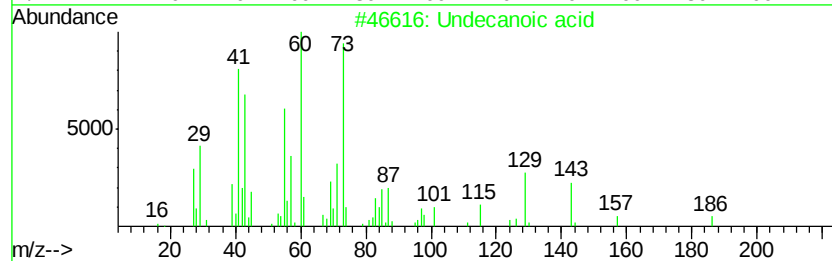
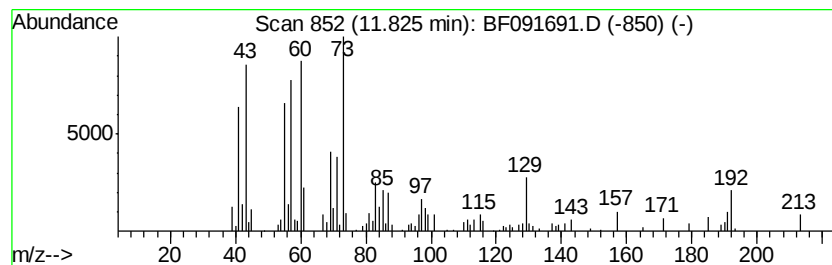
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.04 ng	175942	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecanoic acid	186	C11H22O2	000112-37-8	72
2		Amyl Nitrite	117	C5H11NO2	000110-46-3	35
3		Isobutyl 3-methylbutyl disulfide	192	C9H20S2	075203-66-6	15
4		Dodecane	170	C12H26	000112-40-3	11
5		n-Butyl n-pentyl disulfide	192	C9H20S2	072437-52-6	11



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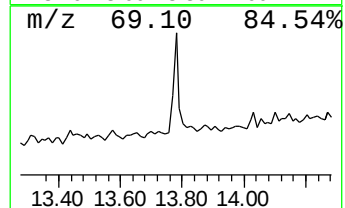
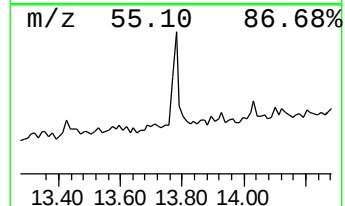
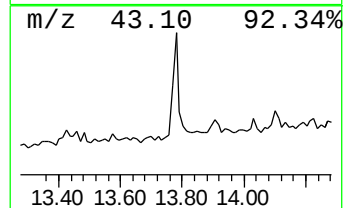
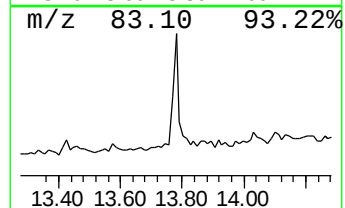
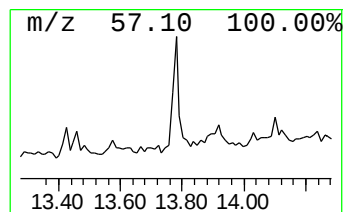
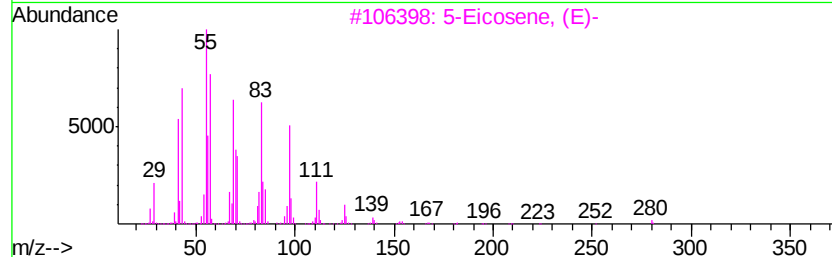
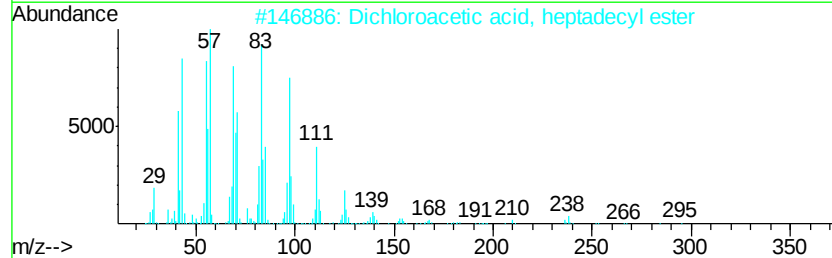
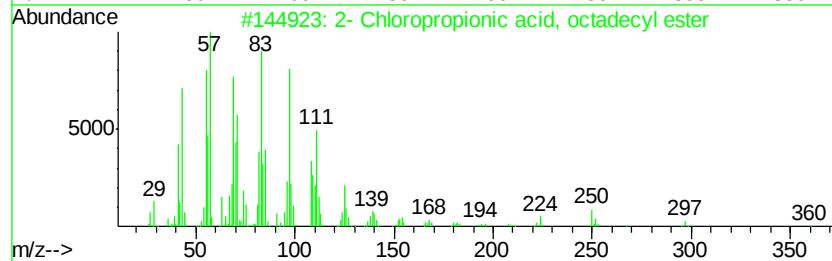
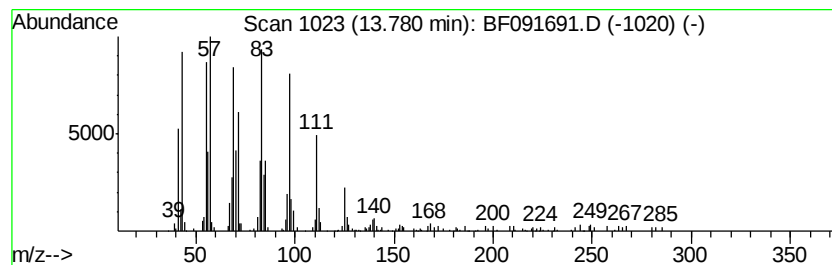
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2- Chloropropionic acid, oc... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	3.19 ng	237437	Chrysene-d12	13.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	93
4		Cyclopentadecane	210	C15H30	000295-48-7	93
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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ALS Vial : 20 Sample Multiplier: 1

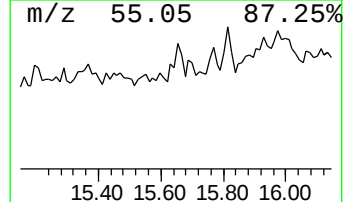
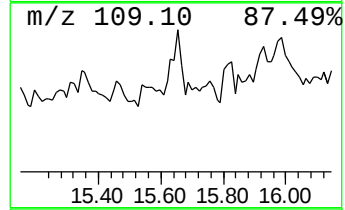
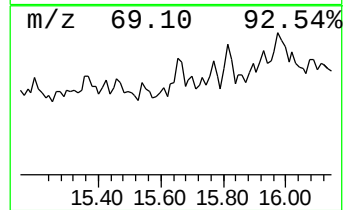
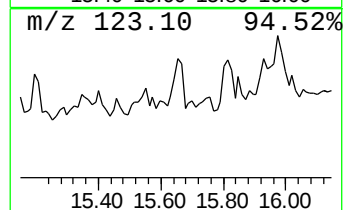
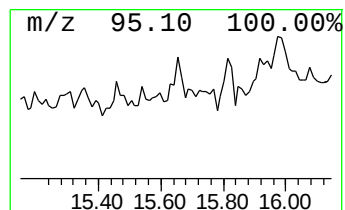
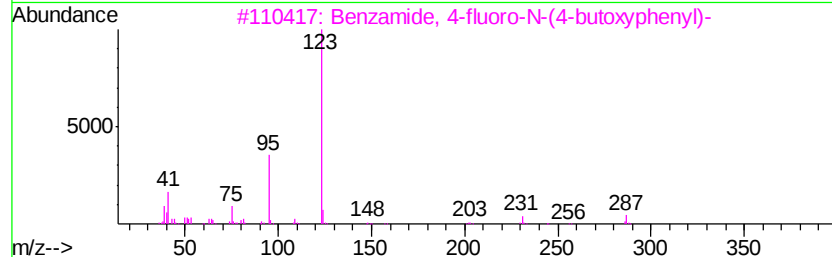
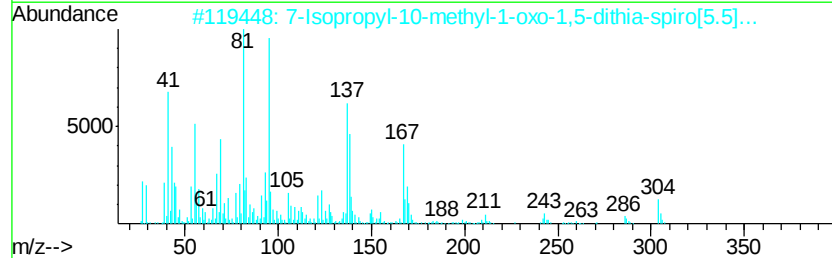
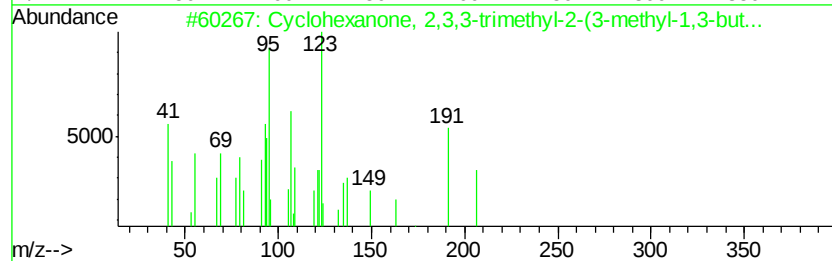
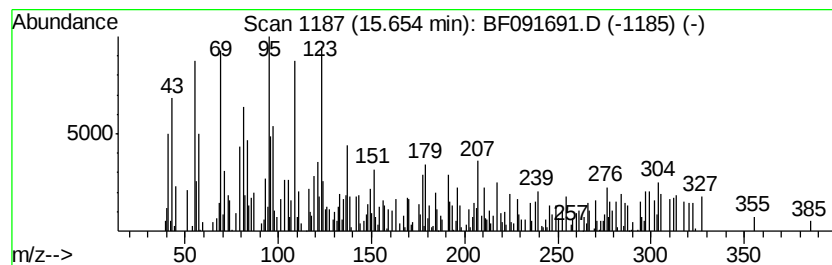
Instrument :
BNA_F
ClientSampleId :
EP-01-13

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown15.65 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	3.00 ng	99997	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexanone, 2,3,3-trimethyl-2...	206 C14H22O	069296-90-8 35
2		7-Isopropyl-10-methyl-1-oxo-1,5-...	304 C14H24O3S2	1000189-33-1 30
3		Benzamide, 4-fluoro-N-(4-butoxyp...	287 C17H18FN02	313276-33-4 30
4		2,10-Dodecadien-1-ol, 3,7,11-tri...	224 C15H28O	020576-59-4 27
5		Spiro[4.5]decan-7-one, 1,8-dimet...	236 C15H24O2	061050-91-7 25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091691.D
Acq On : 16 Dec 2016 23:45
Operator : UM/SJ
Sample : H6121-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-01-13

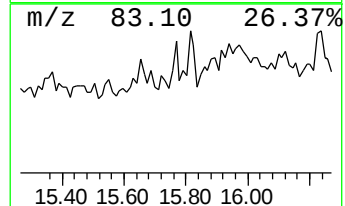
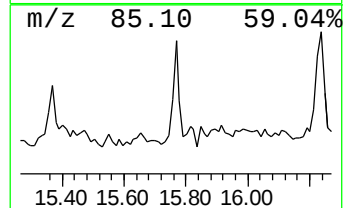
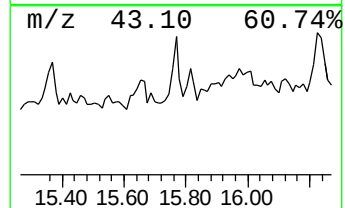
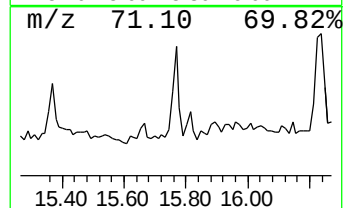
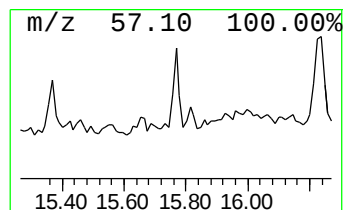
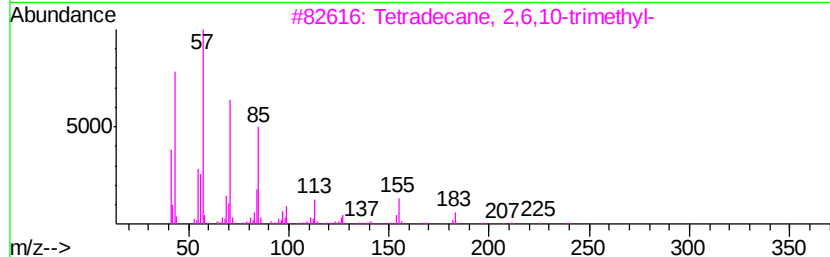
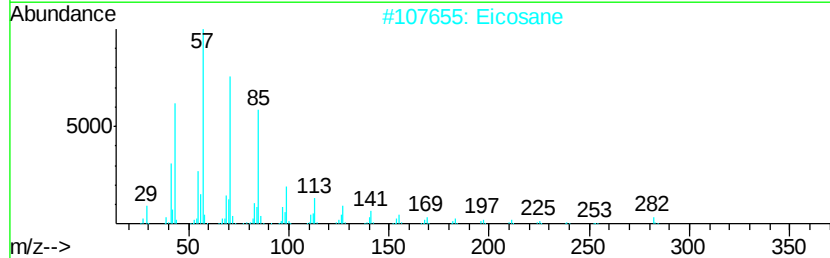
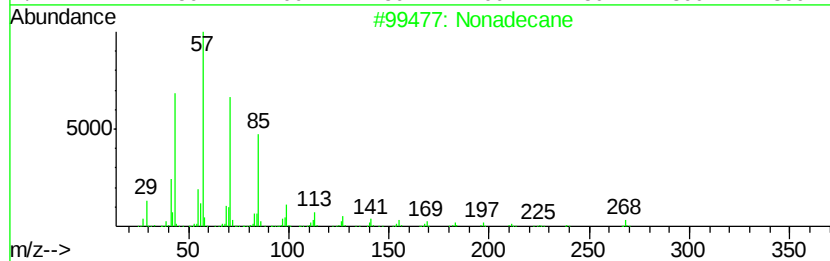
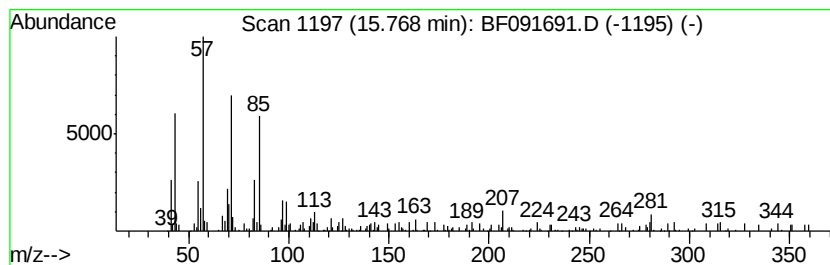
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.04 ng	101560	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	64
2	Eicosane		282	C20H42	000112-95-8	58
3	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	58
4	Hexadecane		226	C16H34	000544-76-3	58
5	Behenyl chloride		344	C22H45Cl	042217-03-8	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091691.D
Acq On : 16 Dec 2016 23:45
Operator : UM/SJ
Sample : H6121-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
EP-01-13

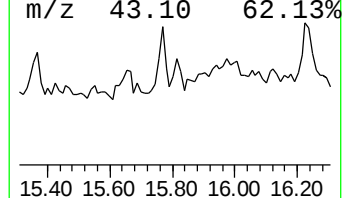
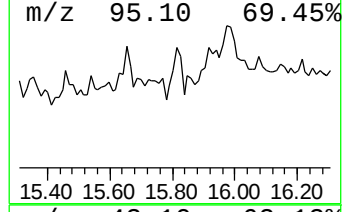
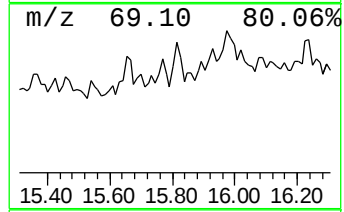
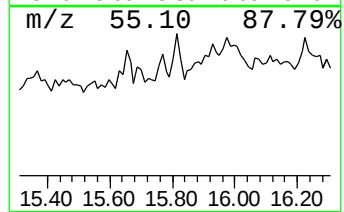
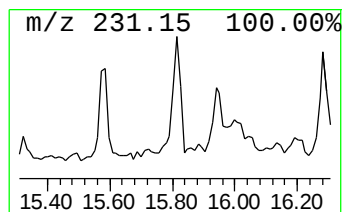
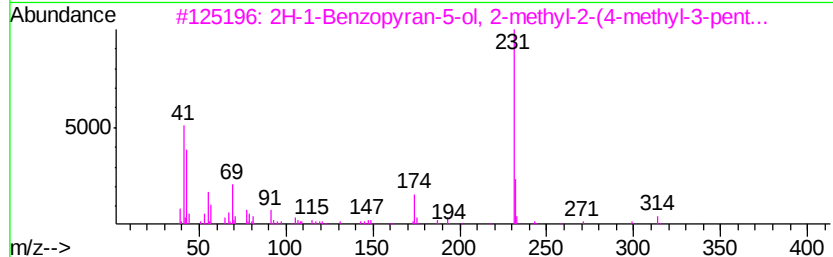
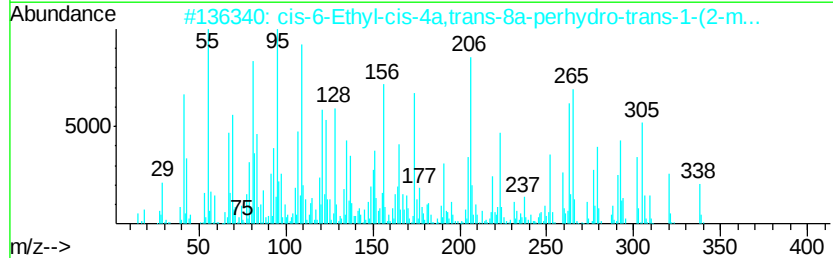
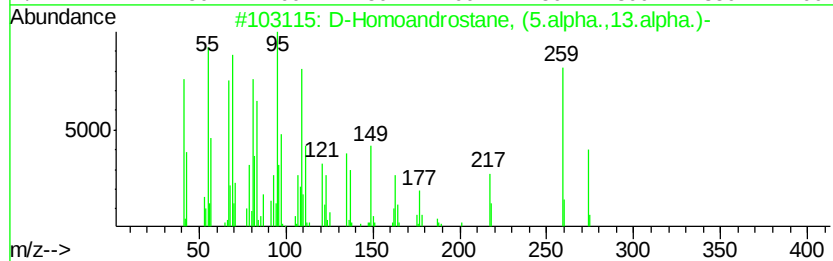
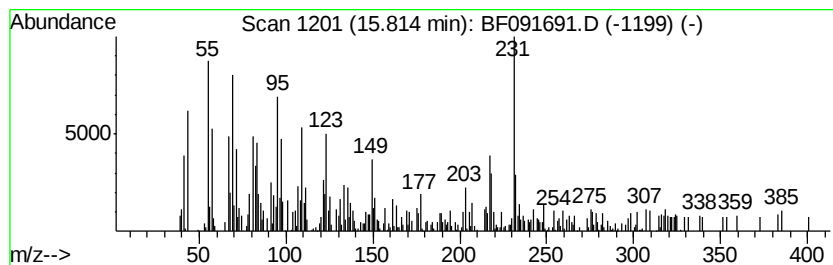
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 D-Homoandrostande, (5.alpha.... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	5.46 ng	182251	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Homoandrostande, (5.alpha.,13.a...	274	C20H34	054482-31-4	91
2		cis-6-Ethyl-cis-4a,trans-8a-perh...	338	C20H34O4	106864-11-3	25
3		2H-1-Benzopyran-5-ol, 2-methyl-2...	314	C21H30O2	018793-28-7	15
4		2-Butyne-1,4-diol, 1,4-bis(2-fur...	218	C12H10O4	151232-03-0	11
5		3,5,1,7-[1,2,3,4]Butanetetraylna...	276	C16H20O4	075314-17-9	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091691.D
Acq On : 16 Dec 2016 23:45
Operator : UM/SJ
Sample : H6121-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

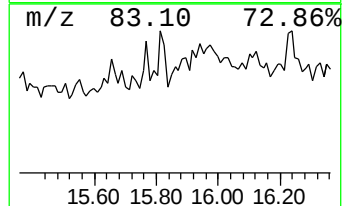
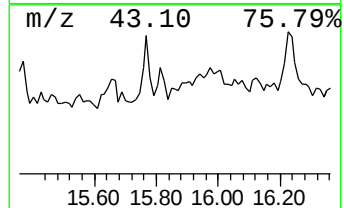
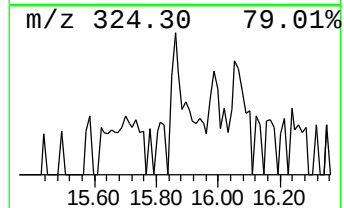
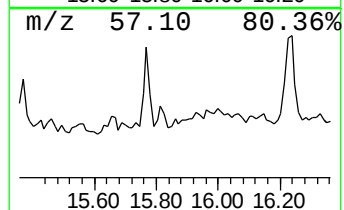
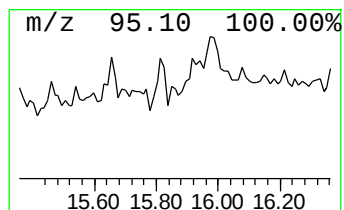
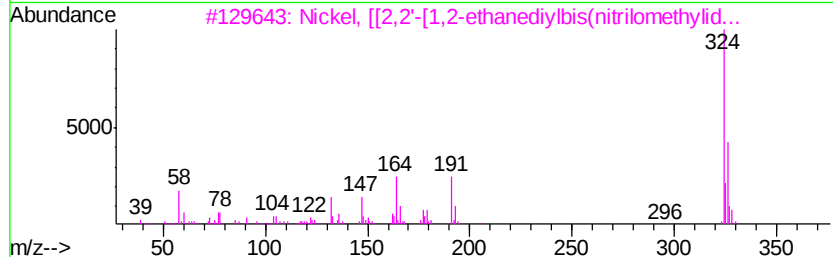
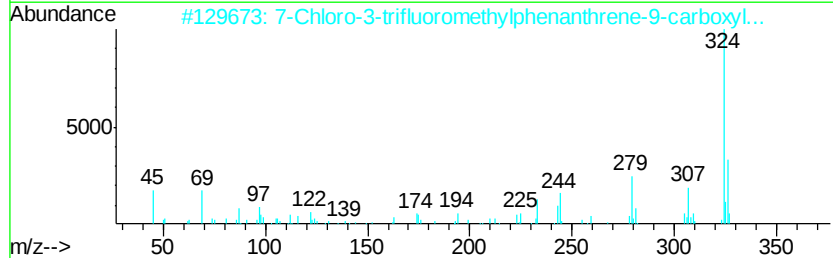
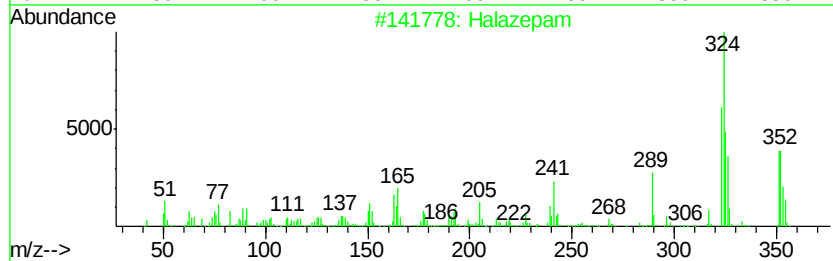
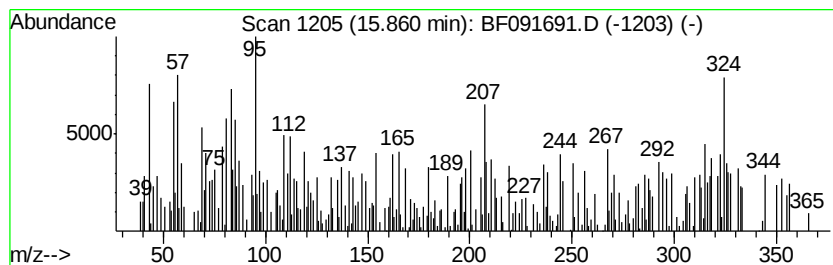
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown15.86 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.86	3.27 ng	109003	Perylene-d12	15.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Halazepam	352	C17H12ClF3N2O	023092-17-3	45
2		7-Chloro-3-trifluoromethylphenan...	324	C16H8ClF3O2	038635-83-5	15
3		Nickel, [[2,2'-(1,2-ethanedivlbi...	324	C16H14N2NiO2	014167-20-5	11
4		Aimalan-17-ol, 19,20-didehydro-1...	324	C20H24N2O2	030171-06-3	11
5		3,3',4,4'-Tetrachlorodiphenylsulfide	322	C12H6Cl4S	076745-12-5	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091691.D
Acq On : 16 Dec 2016 23:45
Operator : UM/SJ
Sample : H6121-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-01-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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...	4.96	46.0	ng	3251070	1	6.77	1413860	20.0
unknown6.54	6.54	91.6	ng	6477780	1	6.77	1413860	20.0
Eicosane	10.73	2.3	ng	197698	4	11.29	1725100	20.0
Undecanoic acid	11.83	2.0	ng	175942	4	11.29	1725100	20.0
2- Chloropropioni...	13.78	3.2	ng	237437	5	13.92	1486930	20.0
unknown15.65	15.65	3.0	ng	99997	6	15.32	667178	20.0
Nonadecane	15.77	3.0	ng	101560	6	15.32	667178	20.0
D-Homoandrostande,...	15.81	5.5	ng	182251	6	15.32	667178	20.0
unknown15.86	15.86	3.3	ng	109003	6	15.32	667178	20.0