

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
 Data File : BF090615.D
 Acq On : 17 Oct 2016 18:44
 Operator : UM/SJ
 Sample : H5194-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

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-BF101316.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	2.428	4	8	12	rBV4	12907	55421	1.20%	0.097%
2	5.091	239	241	251	rBV	826035	1161979	25.23%	2.025%
3	5.514	275	278	280	rBV	4104258	4123493	89.53%	7.187%
4	6.543	365	368	370	rBV	3659623	4605792	100.00%	8.028%
5	6.669	377	379	382	rBV	3268769	4590692	99.67%	8.002%
6	6.909	398	400	411	rBV	946489	1171882	25.44%	2.043%
7	7.057	411	413	416	rBV	2481024	3105110	67.42%	5.412%
8	7.469	446	449	455	rBV	2527895	2853728	61.96%	4.974%
9	7.560	455	457	465	rVB	60874	170848	3.71%	0.298%
10	8.189	510	512	515	rBV	1504001	1632106	35.44%	2.845%
11	8.303	521	522	530	rVB6	22367	47079	1.02%	0.082%
12	9.275	604	607	609	rBV	4313043	4573184	99.29%	7.971%
13	9.663	639	641	644	rBV	1006973	878962	19.08%	1.532%
14	9.880	656	660	664	rBV	51032	64612	1.40%	0.113%
15	9.949	664	666	668	rBV	2366399	2025857	43.98%	3.531%
16	10.383	703	704	706	rVB	111916	81663	1.77%	0.142%
17	10.600	721	723	726	rBV	38515	56548	1.23%	0.099%
18	10.738	732	735	738	rBV	2855397	3019383	65.56%	5.263%
19	10.852	744	745	752	rVB	130091	199556	4.33%	0.348%
20	11.298	782	784	786	rBV	52643	81952	1.78%	0.143%
21	11.435	794	796	800	rBV	1783250	1858293	40.35%	3.239%
22	11.492	800	801	807	rVB	104990	140897	3.06%	0.246%
23	11.663	813	816	821	rBV	223258	271639	5.90%	0.473%
24	12.132	854	857	861	rBV2	157536	167939	3.65%	0.293%
25	12.486	885	888	889	rBV	51123	65832	1.43%	0.115%
26	12.509	889	890	894	rVV2	57811	119507	2.59%	0.208%
27	12.589	894	897	899	rVB3	35530	65414	1.42%	0.114%
28	12.646	900	902	904	rVV	59047	64597	1.40%	0.113%
29	12.692	904	906	909	rVB	152651	149588	3.25%	0.261%
30	12.818	914	917	918	rBV	48886	49613	1.08%	0.086%
31	12.841	918	919	923	rBV3	158471	259016	5.62%	0.451%
32	12.898	923	924	932	rVB	413853	747263	16.22%	1.303%
33	13.023	932	935	945	rBV	3660051	3820328	82.95%	6.659%
34	13.458	968	973	978	rBV3	122012	250040	5.43%	0.436%

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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-BF101316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.549	980	981	983	rVV	136400	120437	2.61%	0.210%
36	13.595	983	985	990	rVB3	45125	79610	1.73%	0.139%
37	13.926	1011	1014	1017	rBV	157810	264803	5.75%	0.462%
38	13.995	1019	1020	1023	rVB	40339	47908	1.04%	0.084%
39	14.075	1023	1027	1034	rBV	1127730	1506026	32.70%	2.625%
40	14.246	1040	1042	1045	rVB	42041	52769	1.15%	0.092%
41	14.555	1066	1069	1071	rBV	128616	188289	4.09%	0.328%
42	14.932	1099	1102	1106	rVB	89537	115676	2.51%	0.202%
43	15.081	1112	1115	1116	rBV	40053	70975	1.54%	0.124%
44	15.195	1122	1125	1129	rVB	431333	640279	13.90%	1.116%
45	15.538	1152	1155	1162	rBV	712290	1209990	26.27%	2.109%
46	15.801	1176	1178	1183	rVB3	23655	51343	1.11%	0.089%
47	15.892	1183	1186	1190	rVB	37998	67856	1.47%	0.118%
48	15.995	1192	1195	1198	rBV	294641	495153	10.75%	0.863%
49	16.052	1198	1200	1204	rVV	59188	113429	2.46%	0.198%
50	16.155	1207	1209	1213	rVV5	28056	46989	1.02%	0.082%
51	16.258	1214	1218	1225	rVB	68413	212603	4.62%	0.371%
52	16.407	1228	1231	1235	rBV6	25348	68464	1.49%	0.119%
53	16.784	1262	1264	1268	rBV4	24011	56609	1.23%	0.099%
54	17.024	1282	1285	1288	rBV3	45046	102032	2.22%	0.178%
55	17.081	1288	1290	1293	rVB	55301	105362	2.29%	0.184%
56	17.161	1294	1297	1298	rBV2	39771	79604	1.73%	0.139%
57	17.195	1298	1300	1305	rVB4	50461	103142	2.24%	0.180%
58	17.321	1308	1311	1315	rBV4	73147	177023	3.84%	0.309%
59	17.504	1324	1327	1328	rBV2	37956	70564	1.53%	0.123%
60	17.573	1328	1333	1334	rBV2	496004	1249256	27.12%	2.178%
61	17.607	1334	1336	1340	rVB2	588801	1214036	26.36%	2.116%
62	17.778	1348	1351	1355	rVB	165483	347484	7.54%	0.606%
63	17.881	1357	1360	1363	rBV3	127872	311384	6.76%	0.543%
64	17.938	1363	1365	1368	rVB2	72679	153712	3.34%	0.268%
65	18.018	1368	1372	1378	rBV	280600	949562	20.62%	1.655%
66	18.121	1378	1381	1386	rVB3	283773	821821	17.84%	1.432%
67	18.258	1390	1393	1397	rVB2	116868	316660	6.88%	0.552%
68	18.361	1397	1402	1404	rBV	334596	951798	20.67%	1.659%
69	18.498	1411	1414	1417	rBV2	135764	347798	7.55%	0.606%
70	18.578	1417	1421	1427	rVV	267807	796644	17.30%	1.389%
71	18.681	1428	1430	1435	rVB4	49124	115473	2.51%	0.201%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	18.853	1441	1445	1447	rBV3	55785	150733	3.27%	0.263%
73	18.910	1448	1450	1452	rVV2	27932	67578	1.47%	0.118%
74	19.116	1466	1468	1475	rVB7	24036	63420	1.38%	0.111%
75	19.436	1490	1496	1505	rVB	272615	936940	20.34%	1.633%

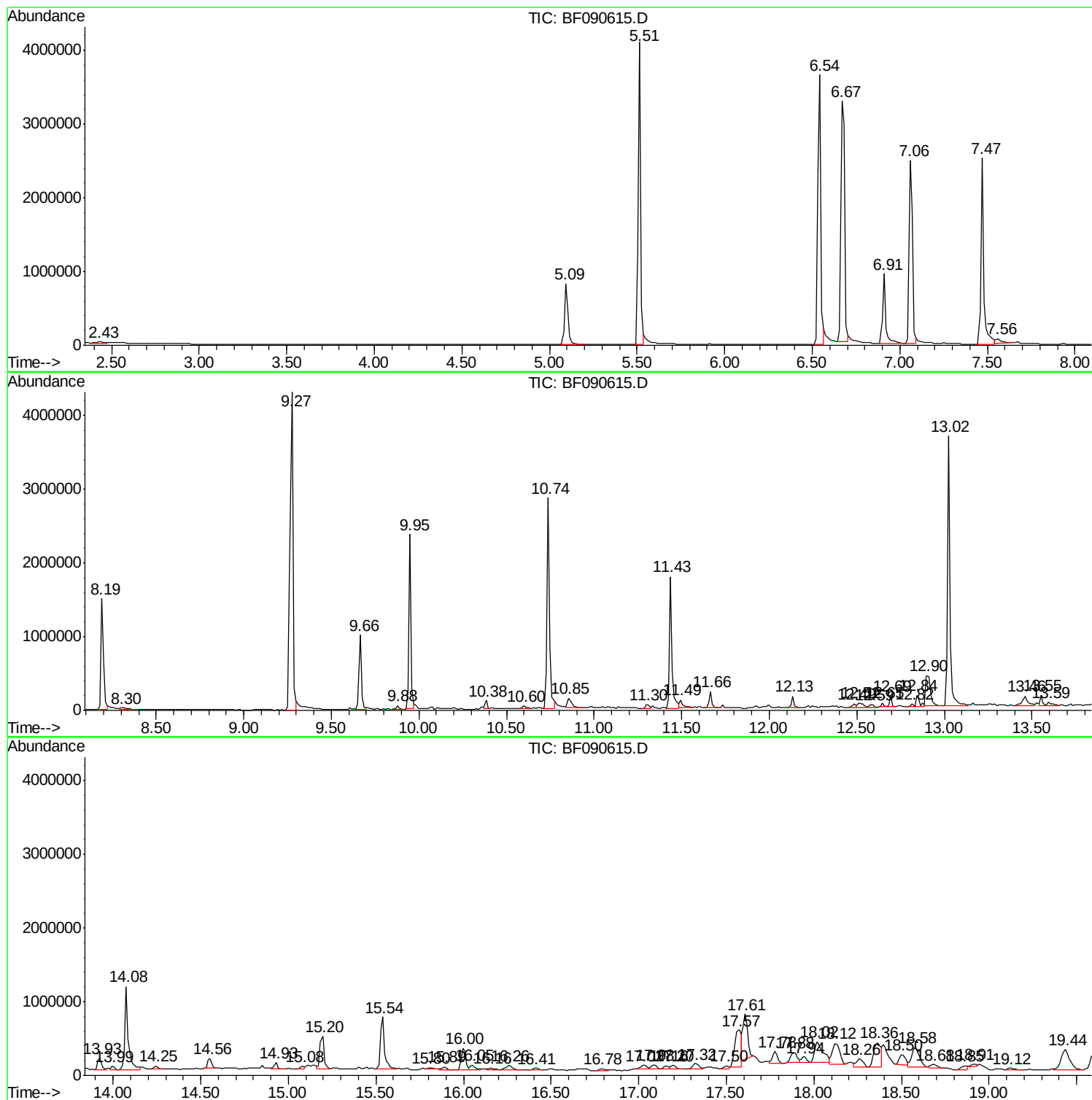
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090615.D
Acq On : 17 Oct 2016 18:44
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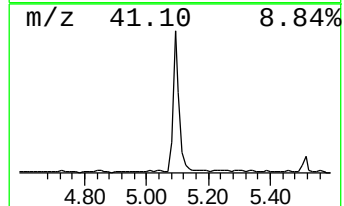
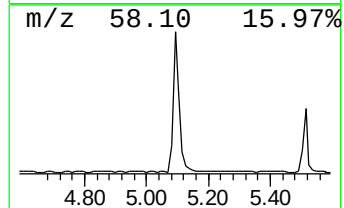
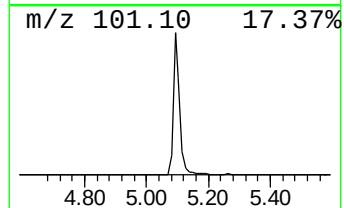
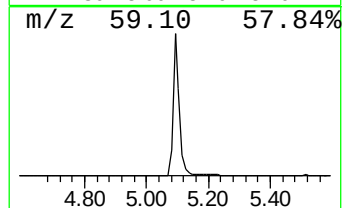
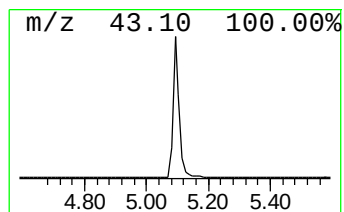
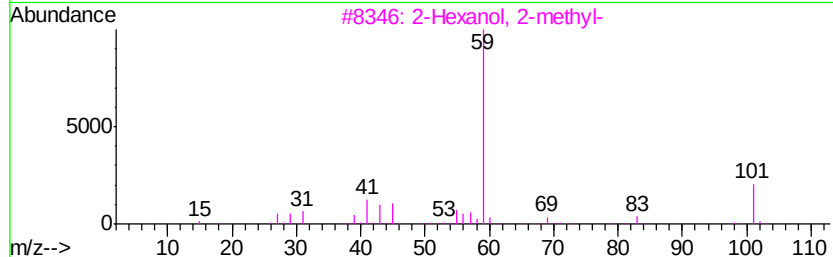
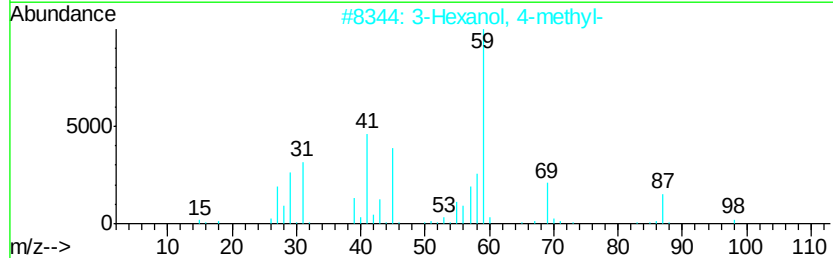
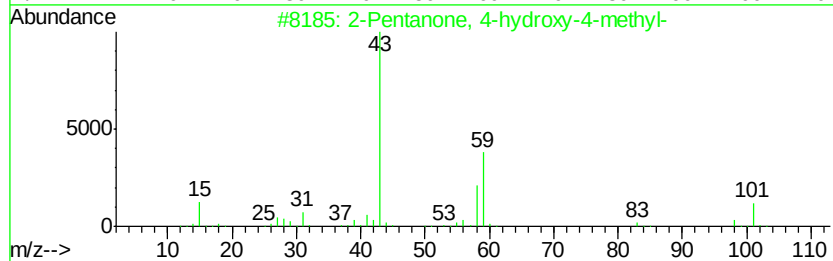
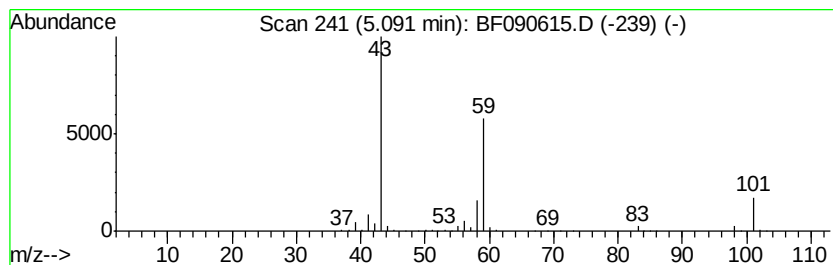
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	19.83 ng	1161980	1,4-Dichlorobenzene-d4	6.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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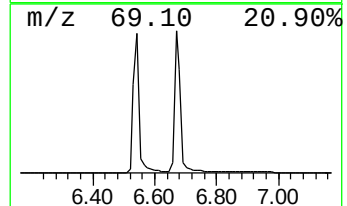
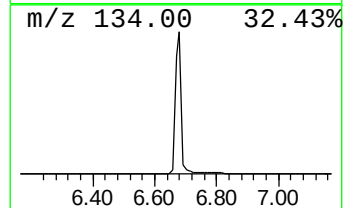
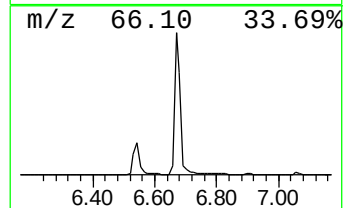
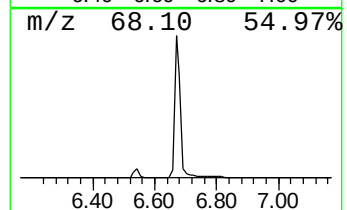
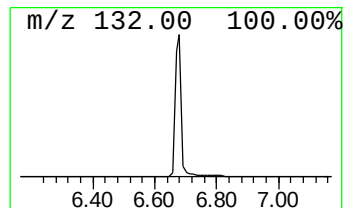
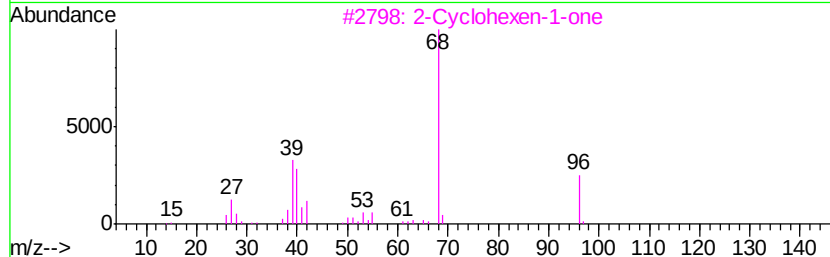
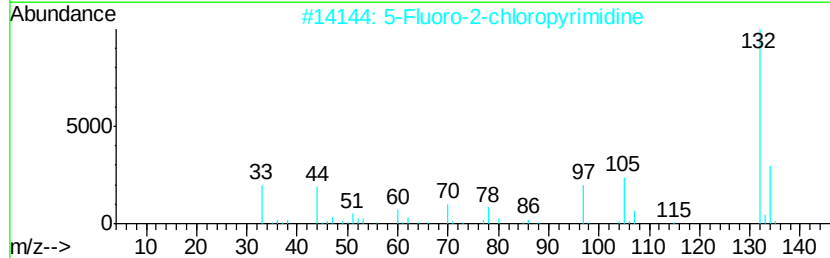
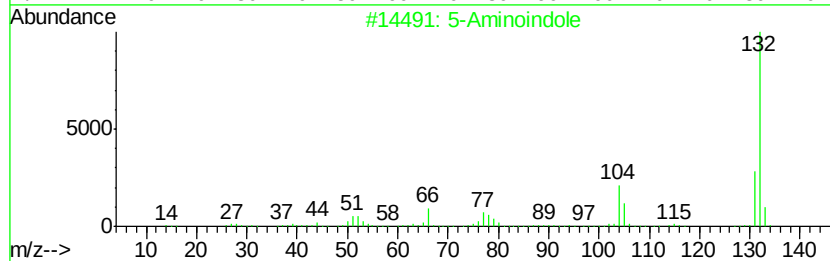
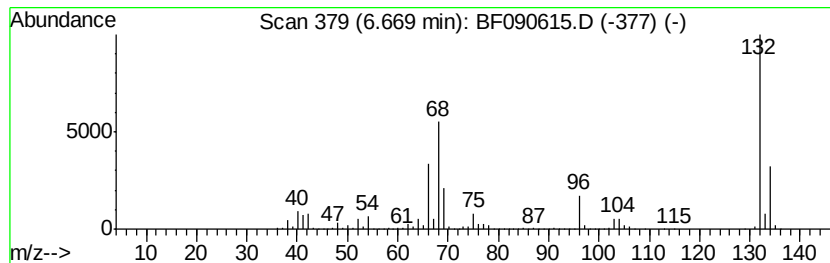
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	78.35 ng	4590690	1,4-Dichlorobenzene-d4	6.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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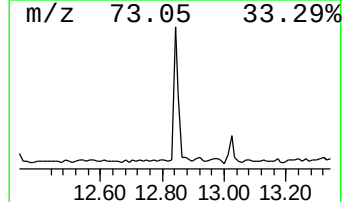
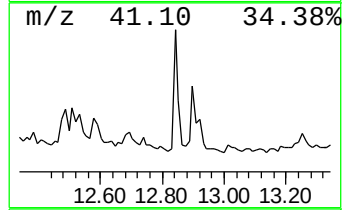
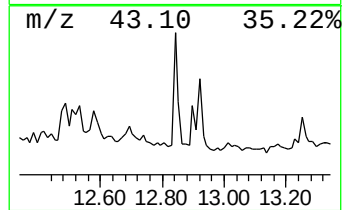
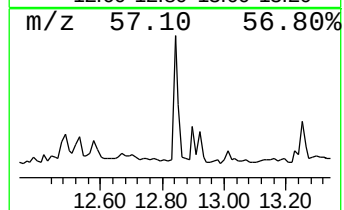
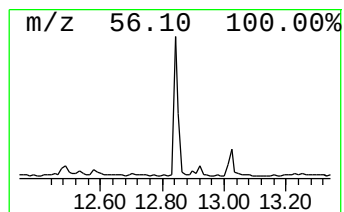
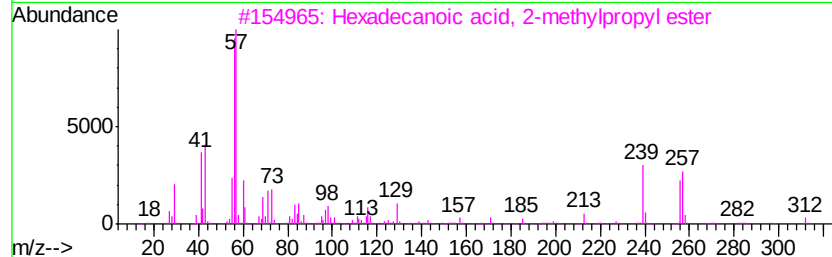
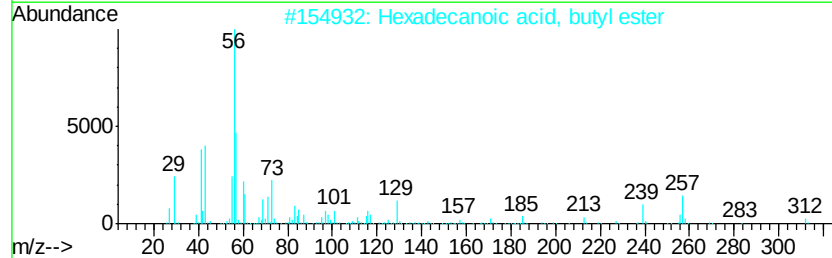
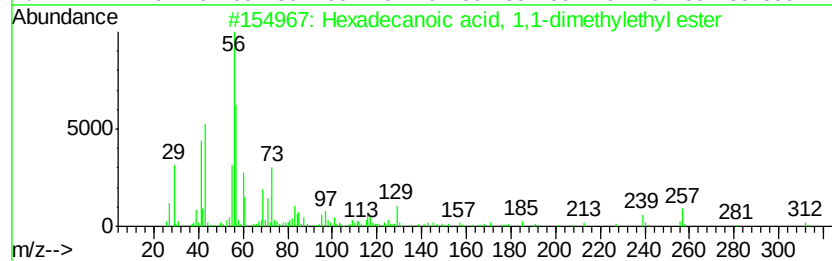
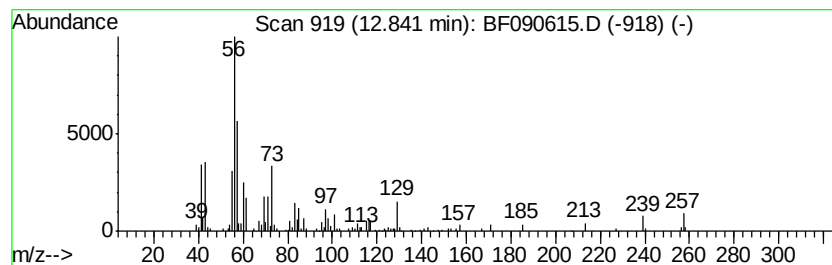
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecanoic acid, 1,1-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	3.44 ng	259016	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	50
4		2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	43
5		1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	40



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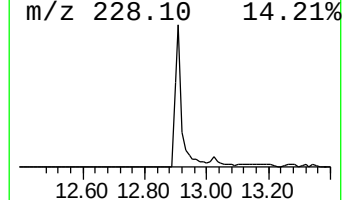
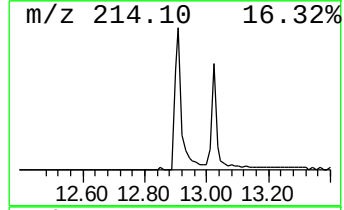
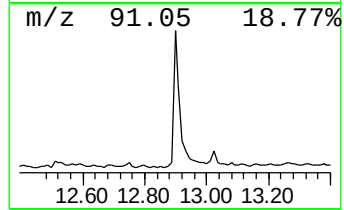
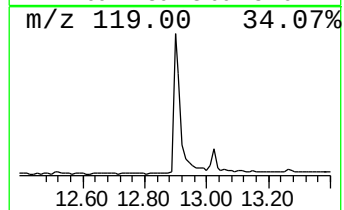
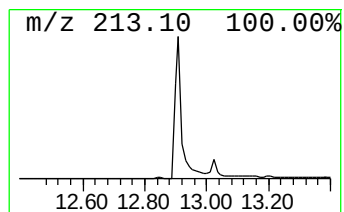
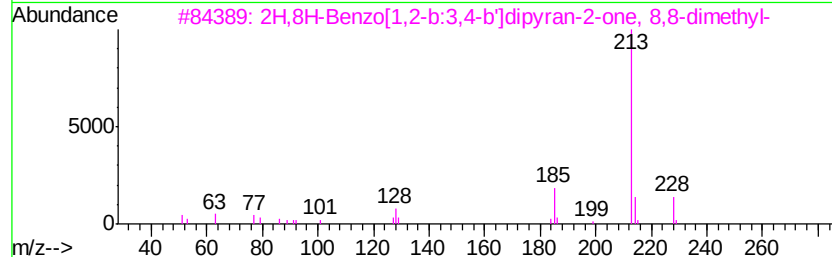
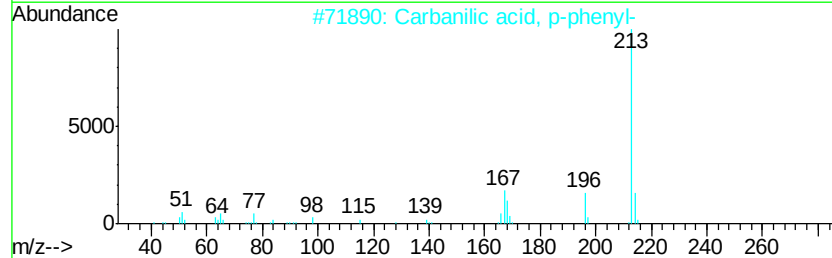
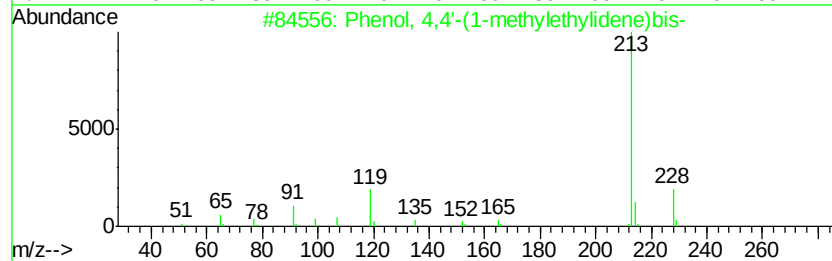
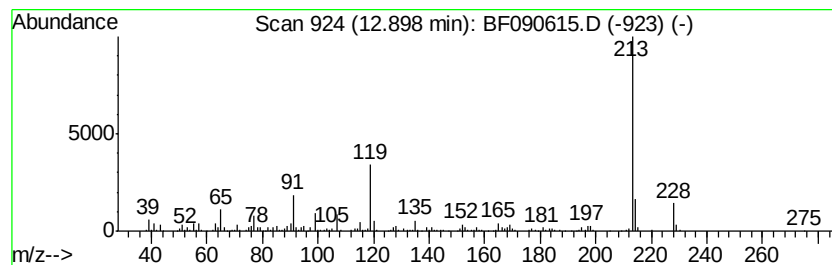
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenol, 4,4'-(1-methylethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	9.92 ng	747263	Chrysene-d12	14.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	60
3		2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	50
4		Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	47
5		2-Trimethylsilyl-3-trimethylsilyl...	228	C8H20N4Si2	1000373-05-5	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090615.D
Acq On : 17 Oct 2016 18:44
Operator : UM/SJ
Sample : H5194-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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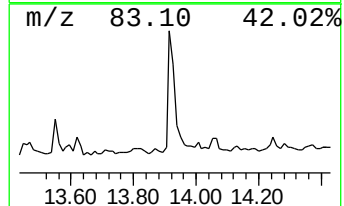
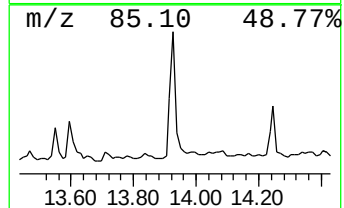
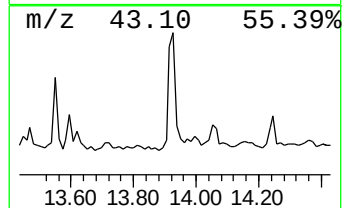
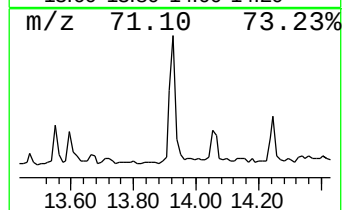
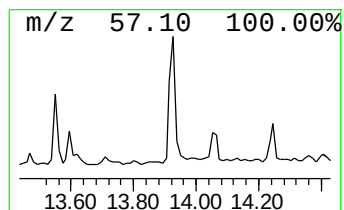
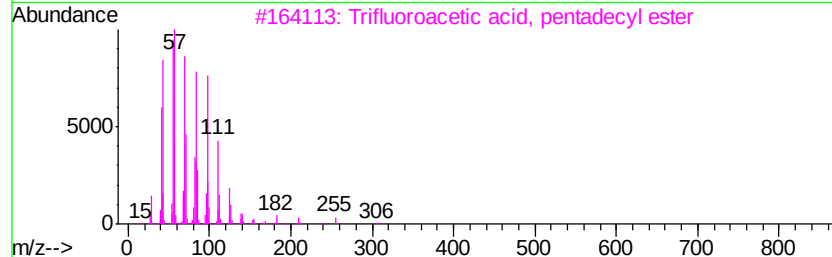
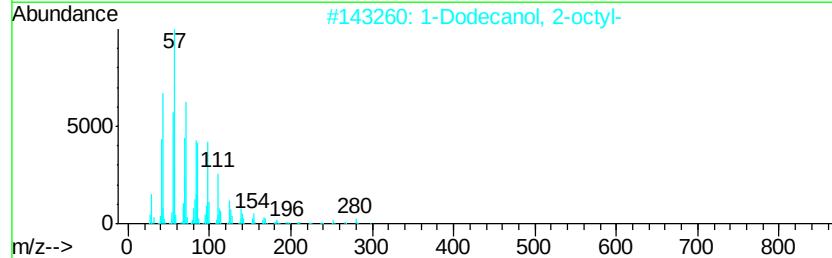
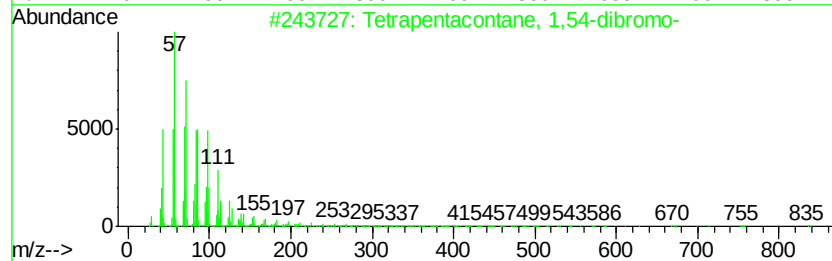
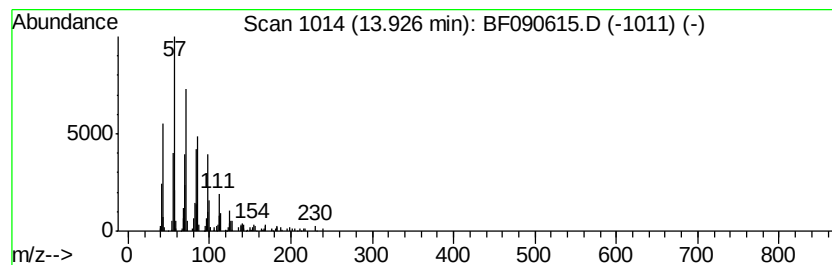
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetrapentacontane, 1,54-dib... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.52 ng	264803	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	91
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	68
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	60
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	60
5		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
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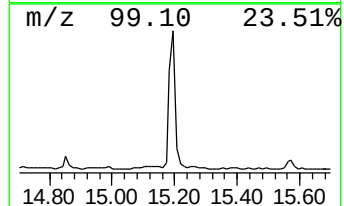
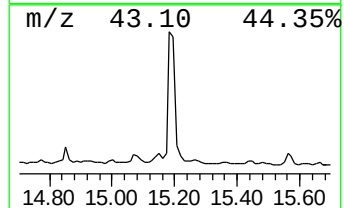
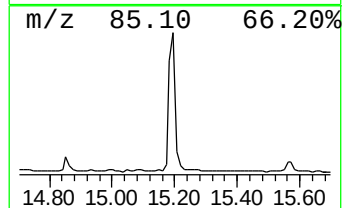
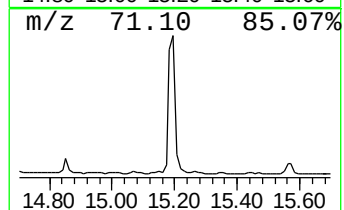
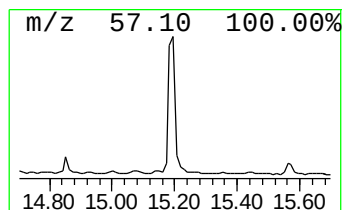
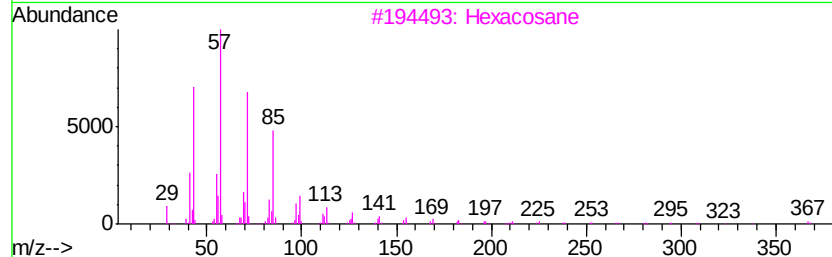
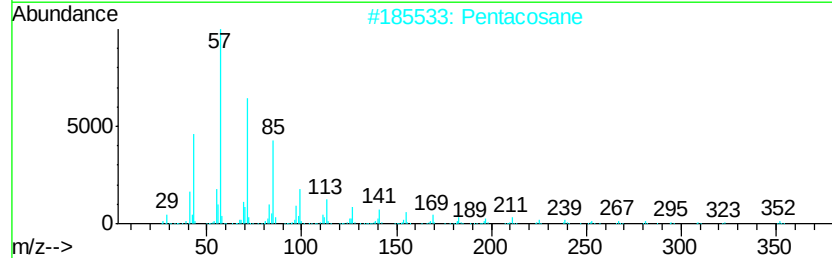
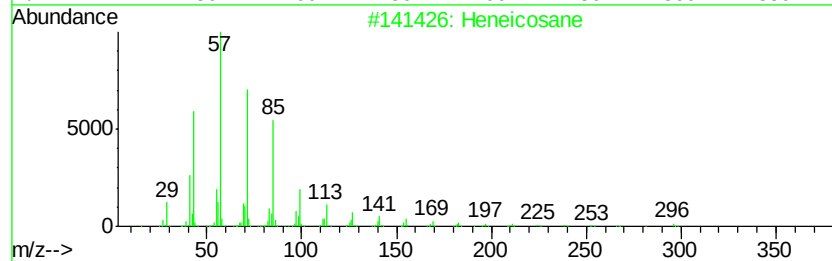
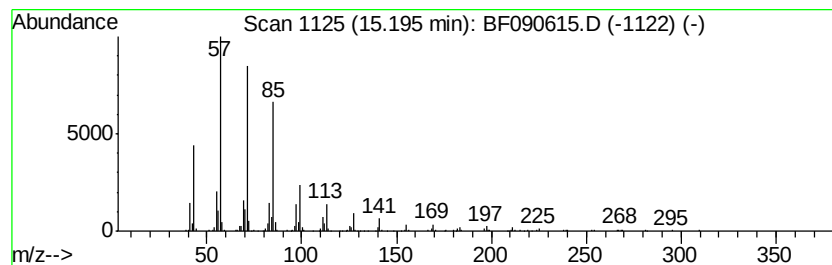
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	10.58 ng	640279	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



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Sample : H5194-01
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ClientSampleId :
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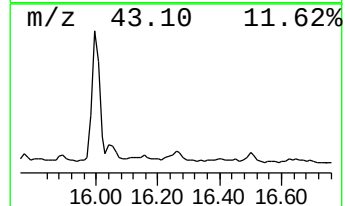
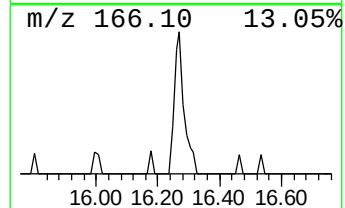
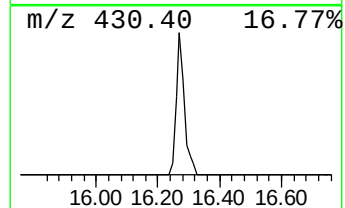
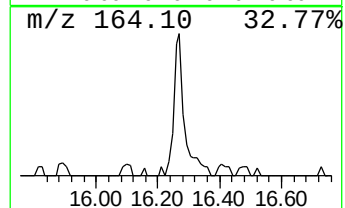
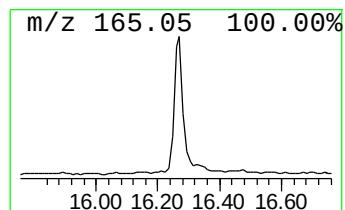
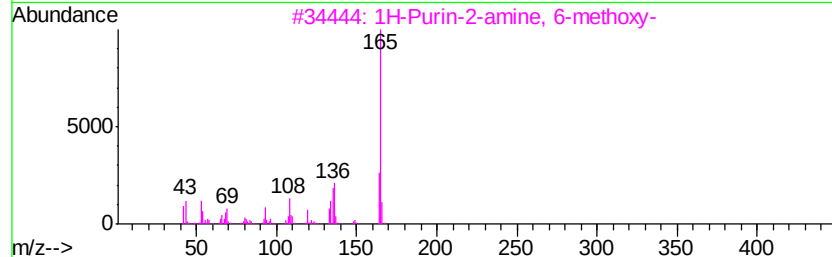
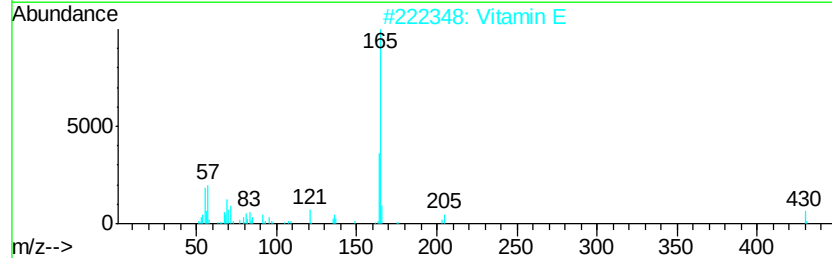
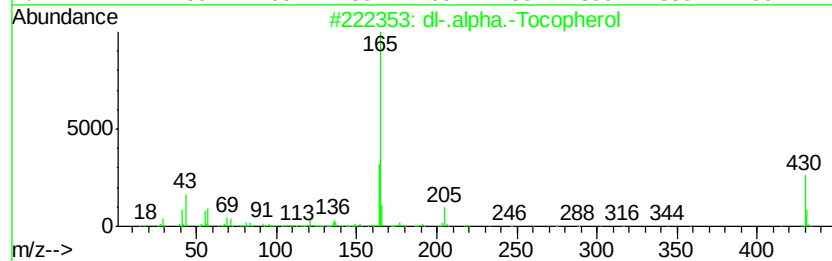
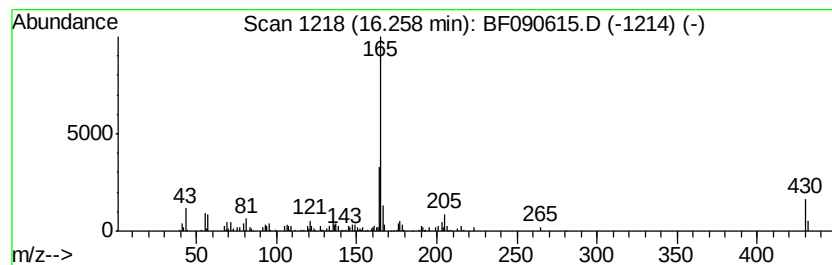
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 dl-.alpha.-Tocopherol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	3.51 ng	212603	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	93
2		Vitamin E	430	C29H50O2	000059-02-9	93
3		1H-Purin-2-amine, 6-methoxy-	165	C6H7N5O	020535-83-5	59
4		Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	58
5		4',6'-Dihydroxy-2',3'-dimethylac...	180	C10H12O3	007743-14-8	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
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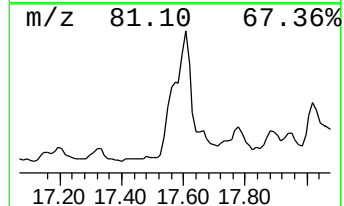
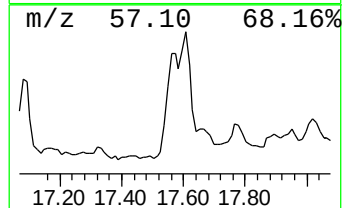
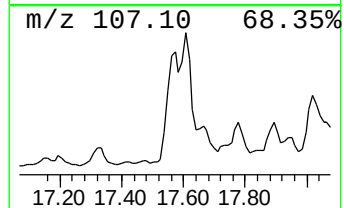
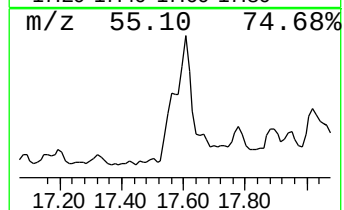
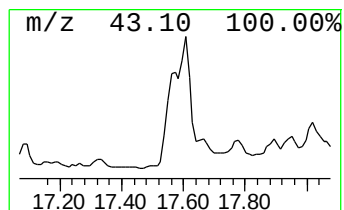
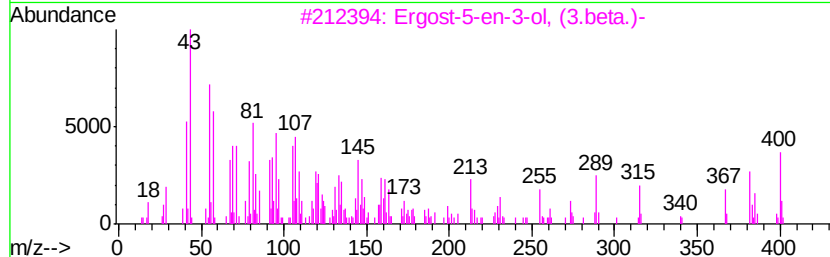
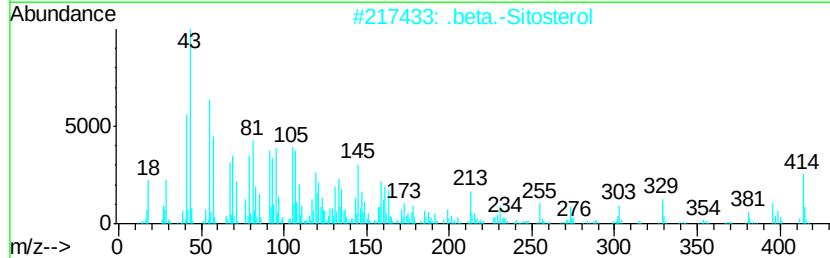
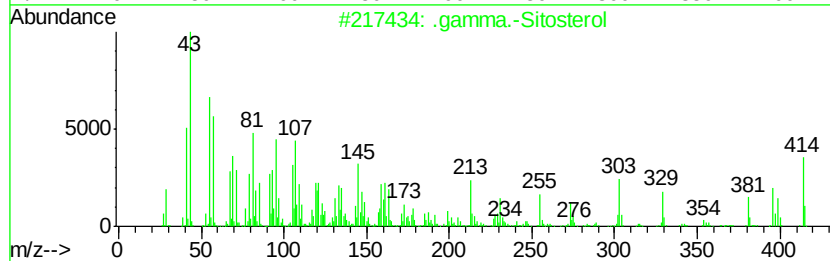
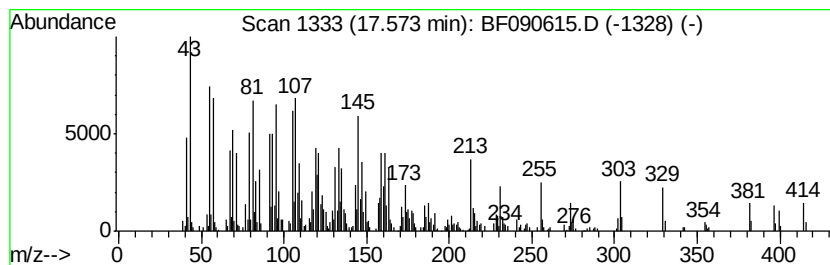
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.57	20.65 ng	1249260	Perylene-d12	15.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	83
4	Campesterol	400	C28H48O	000474-62-4	58
5	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
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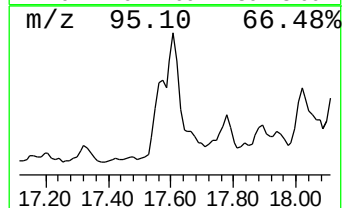
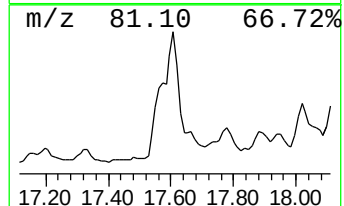
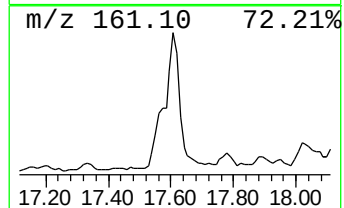
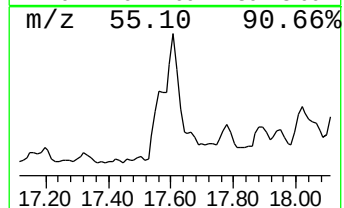
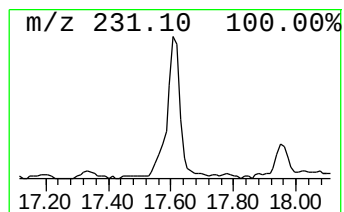
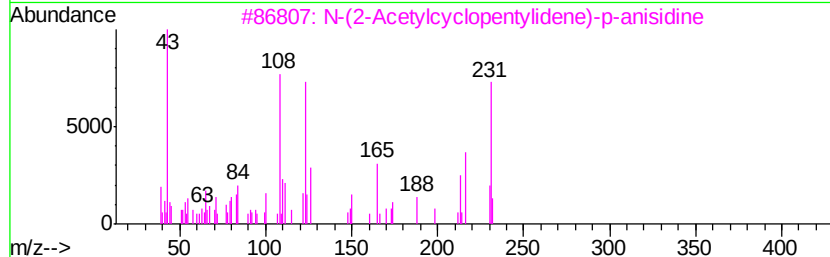
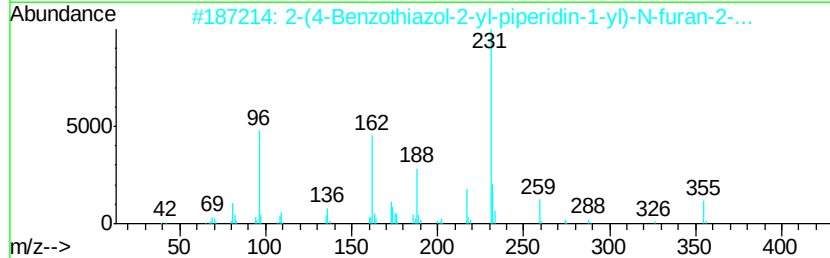
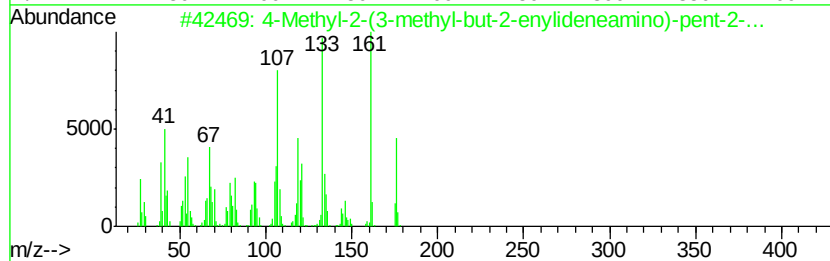
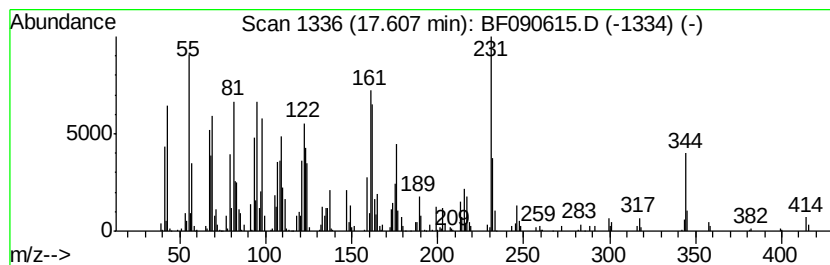
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown17.61 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	20.07 ng	1214040	Perylene-d12	15.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2-(3-methyl-but-2-enylidene)...	176	C11H16N2	1000185-91-3	25		
2	2-(4-Benzothiazol-2-yl-piperidin...	355	C19H21N3O2S	1000322-21-0	22		
3	N-(2-Acetylcyclopentylidene)-p-a...	231	C14H17N02	1000100-48-9	18		
4	Phenol, 2-(2-penten-4-yl)-4-methyl-	176	C12H16O	013831-49-7	15		
5	1-(4-Butoxy-2,6-dimethyl-phenyl)...	232	C15H20O2	1000193-49-5	15		



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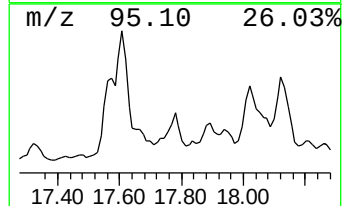
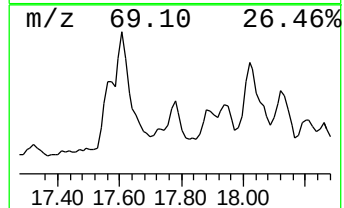
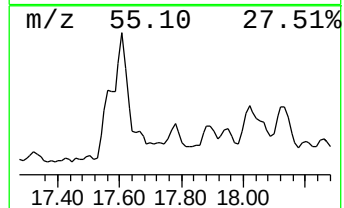
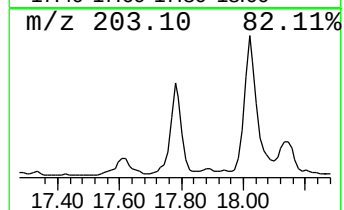
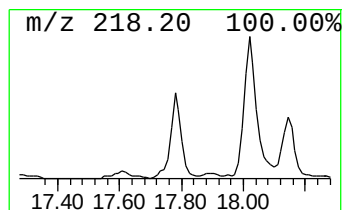
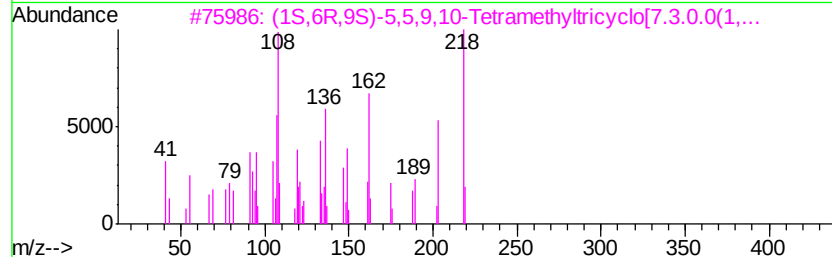
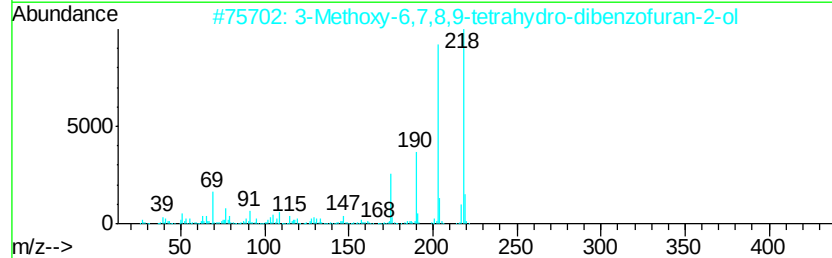
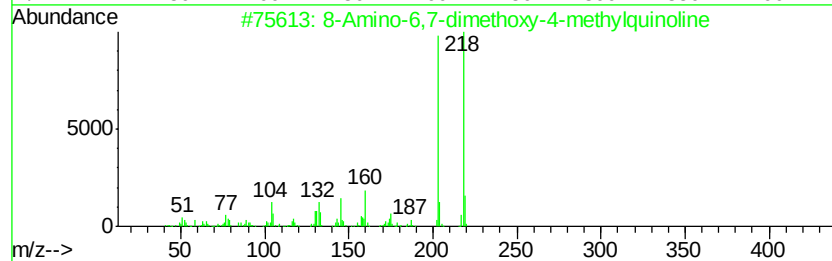
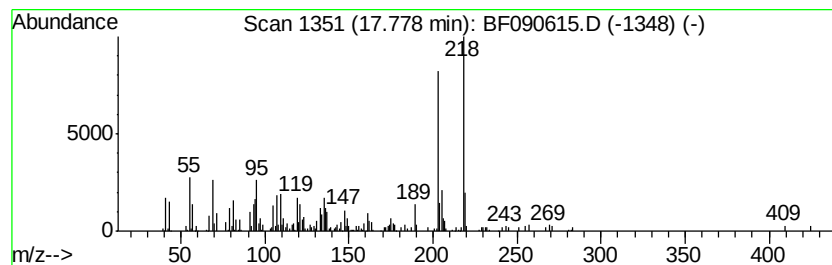
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 8-Amino-6,7-dimethoxy-4-met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	5.74 ng	347484	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	70
2		3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	53
3		(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	50
4		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	50
5		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
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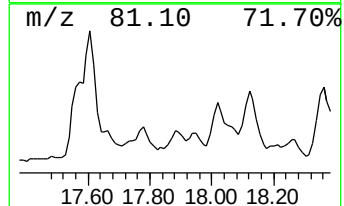
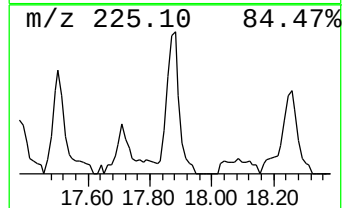
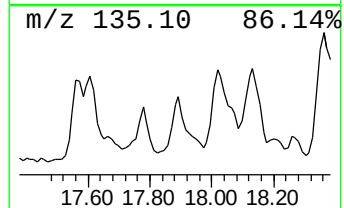
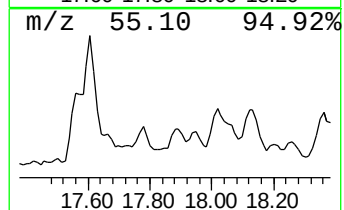
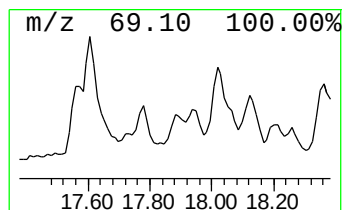
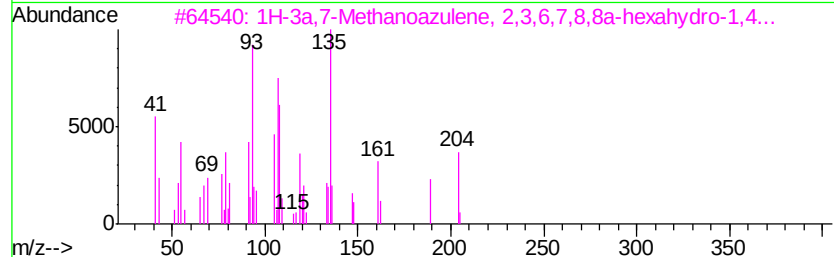
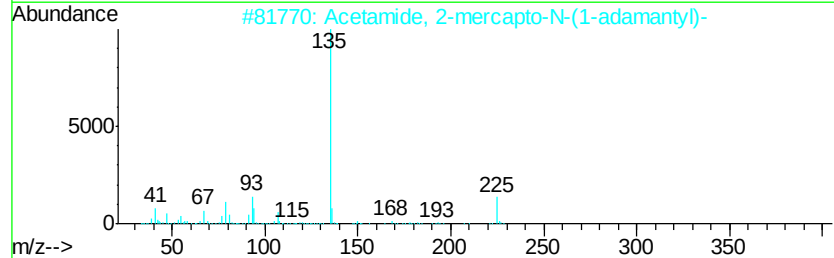
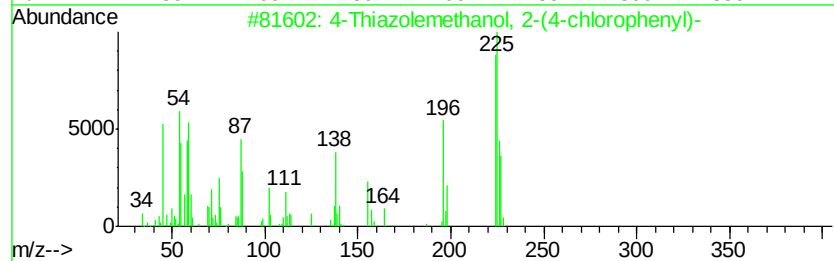
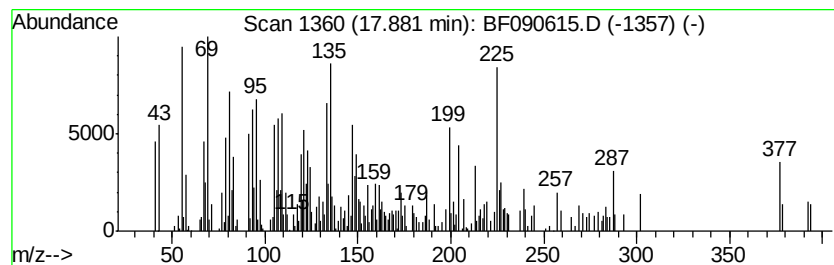
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ClientSampleId :
EME-PLANTING-SOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4-Thiazolemethanol, 2-(4-ch... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	5.15 ng	311384	Perylene-d12	15.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4-Thiazolemethanol, 2-(4-chlorop...	225 C10H8ClNOS	036093-99-9	53
2	Acetamide, 2-mercapto-N-(1-adama...	225 C12H19NOS	069094-79-7	38
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204 C15H24	000560-32-7	35
4	Benzoic acid, 4-(tetrazol-1-yl)m...	204 C9H8N4O2	1000315-95-4	30
5	1S,2S,5R-1,4,4-Trimethyltricyclo...	204 C15H24	1000140-07-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090615.D
Acq On : 17 Oct 2016 18:44
Operator : UM/SJ
Sample : H5194-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

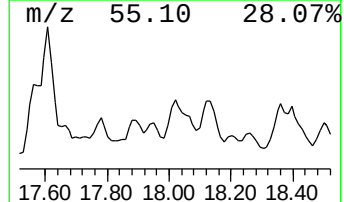
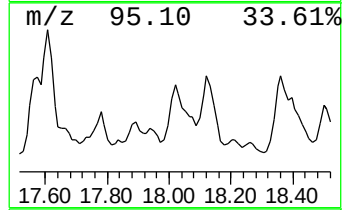
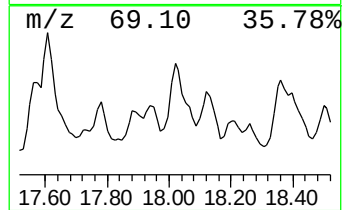
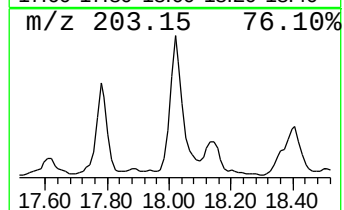
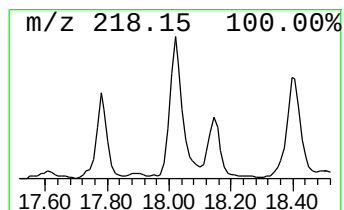
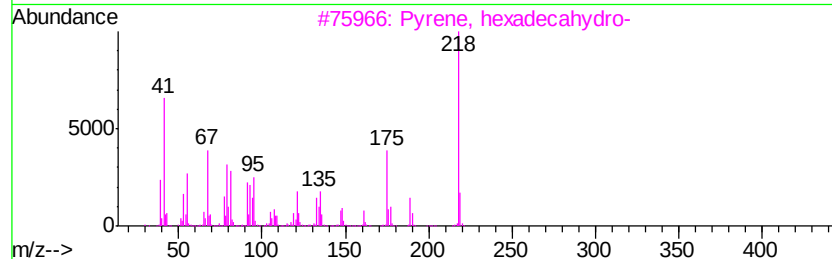
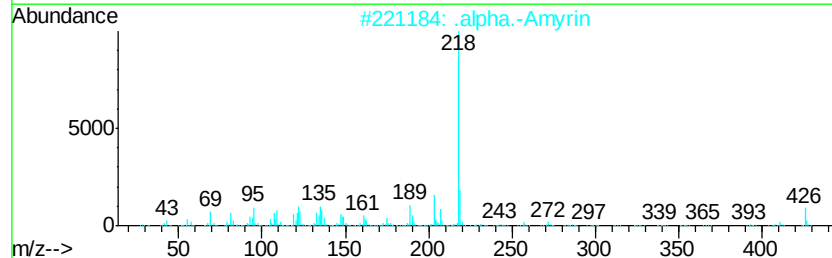
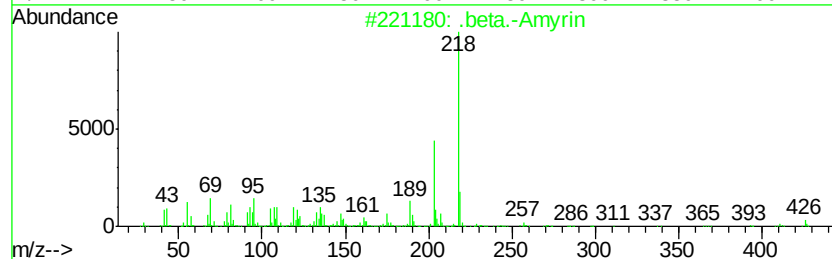
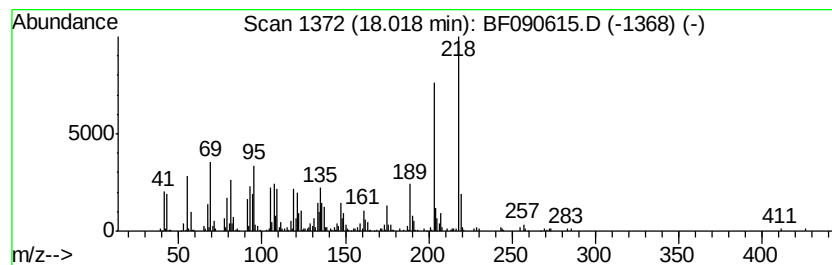
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 .beta.-Amyrin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	15.70 ng	949562	Perylene-d12	15.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Amyrin	426 C30H500	000559-70-6 87
2		.alpha.-Amyrin	426 C30H500	000638-95-9 64
3		Pvrene, hexadecahydro-	218 C16H26	002435-85-0 64
4		3-Methoxy-6,7,8,9-tetrahydro-dib...	218 C13H14O3	1000186-57-9 60
5		3a-Methyl-3,3a-dihydropyrrolo[3,...	218 C11H10N2OS	017163-68-7 52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090615.D
Acq On : 17 Oct 2016 18:44
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Sample : H5194-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

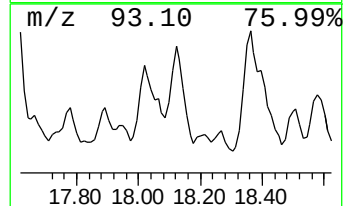
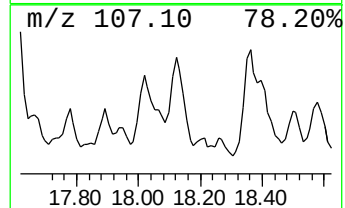
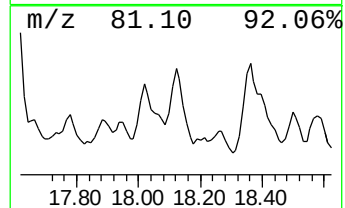
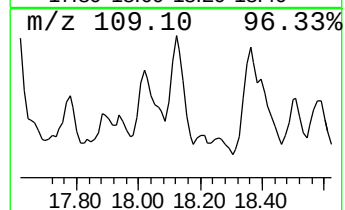
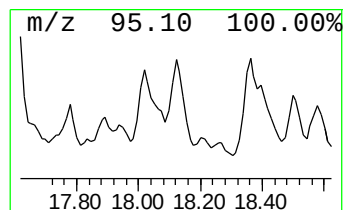
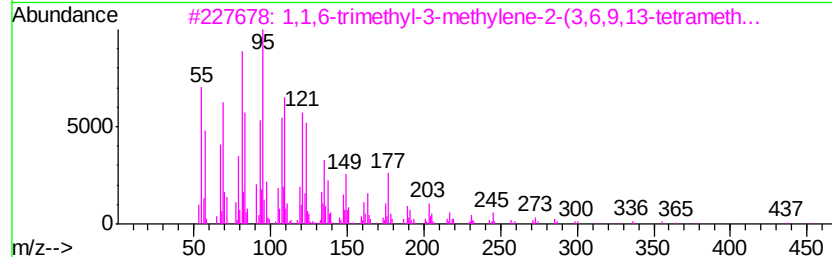
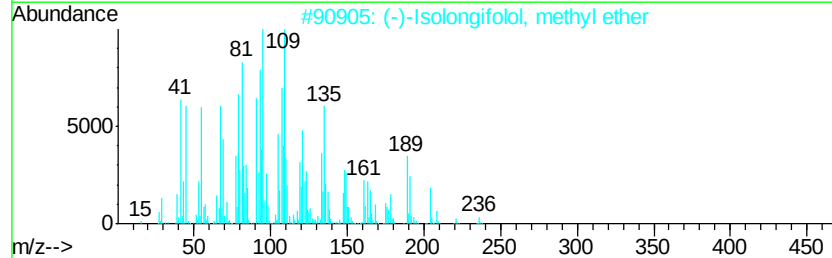
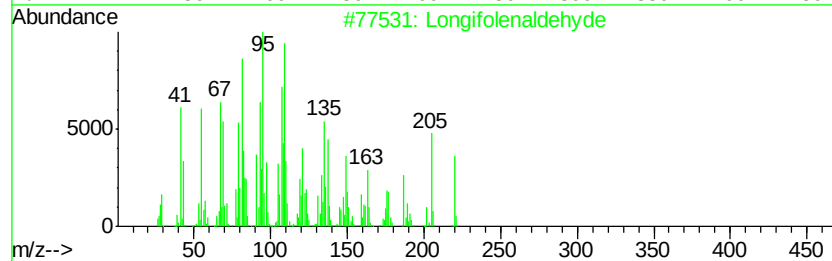
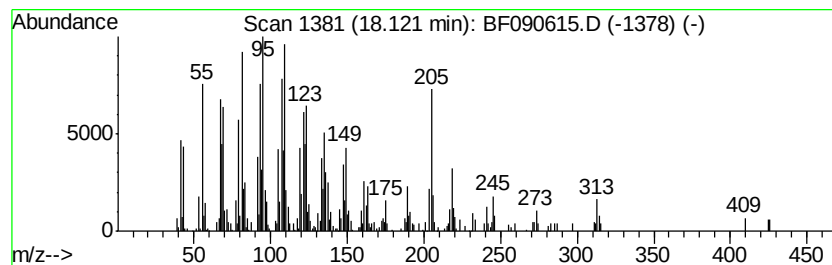
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Longifolenaldehyde Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	13.58 ng	821821	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Longifolenaldehyde	220	C15H24O	019890-84-7	64
2		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	62
3		1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	50
4		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	48
5		2-Butenal, 2-methyl-4-(2,6,6-tri...	206	C14H22O	003155-71-3	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090615.D
Acq On : 17 Oct 2016 18:44
Operator : UM/SJ
Sample : H5194-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

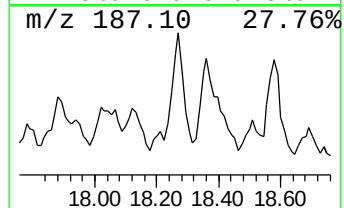
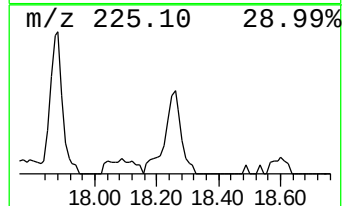
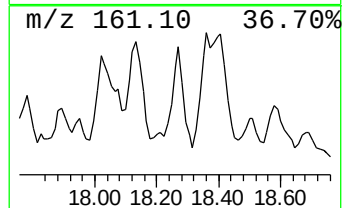
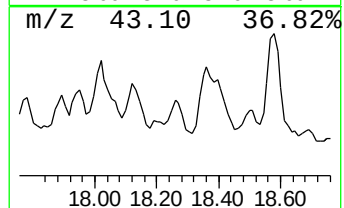
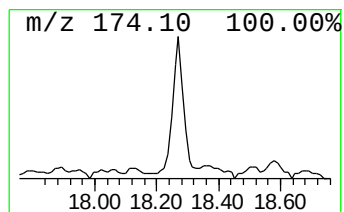
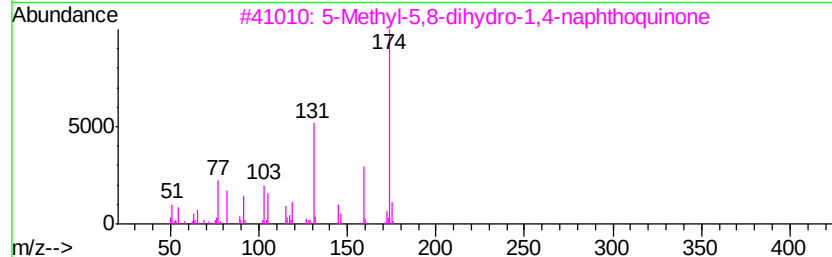
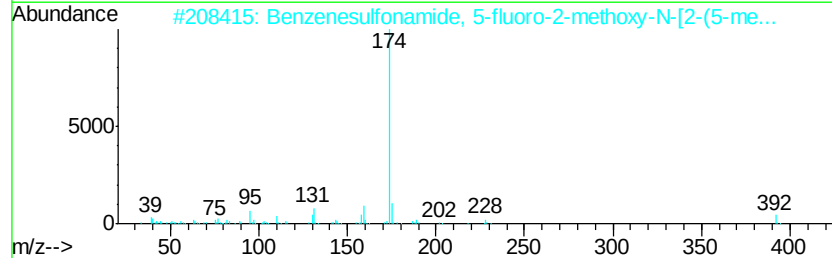
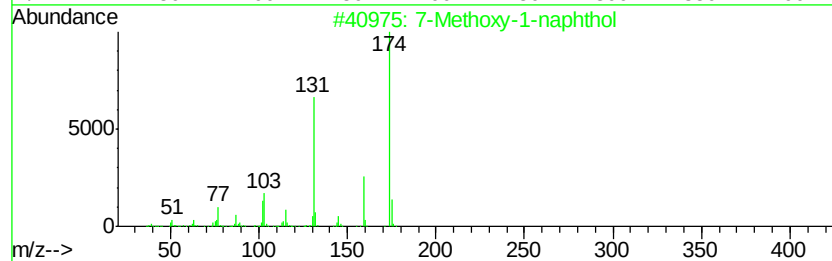
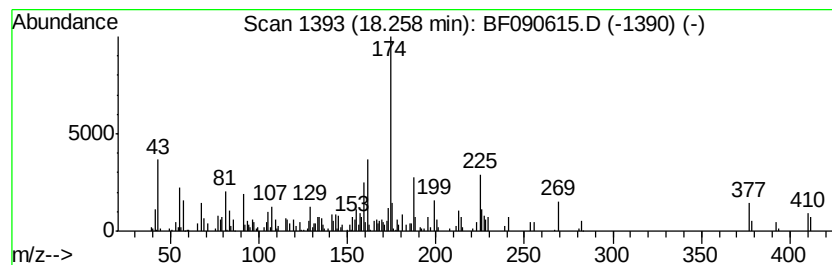
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown18.26 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	5.23 ng	316660	Perylene-d12	15.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	7-Methoxy-1-naphthol	174	C11H10O2	067247-13-6 43
2	Benzenesulfonamide, 5-fluoro-2-m...	392	C19H21FN2O4S	1000319-64-7 43
3	5-Methyl-5,8-dihydro-1,4-naphtho...	174	C11H10O2	086759-40-2 38
4	Pyrimido[1,6-a]indole, 1,2,3,4-t...	216	C13H16N2O	038349-09-6 38
5	3-Anilino-5-[3-[N-(3-amino-4-cya...	337	C16H19N9	146580-74-7 35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
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Sample : H5194-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

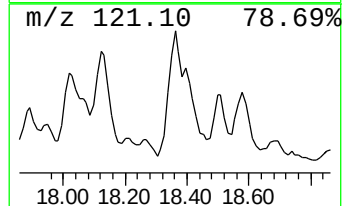
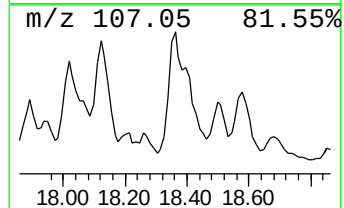
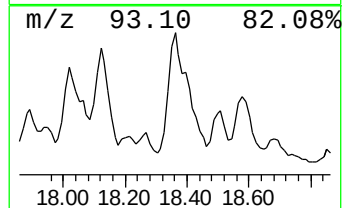
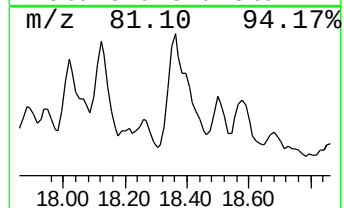
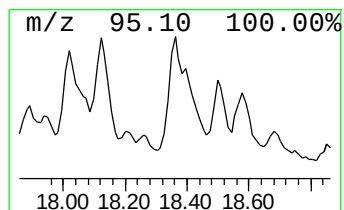
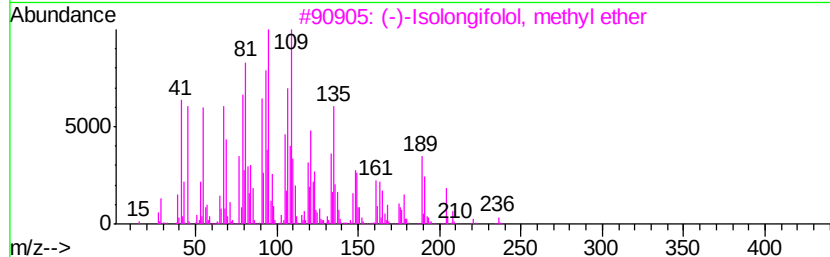
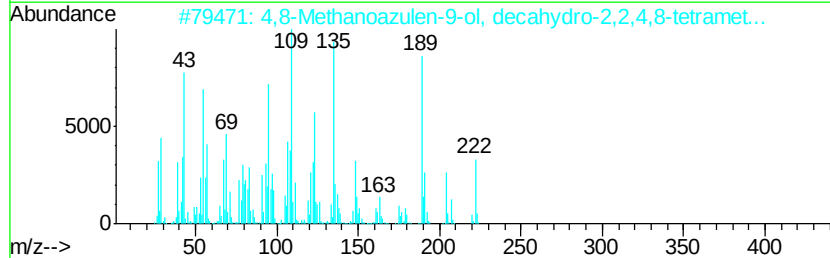
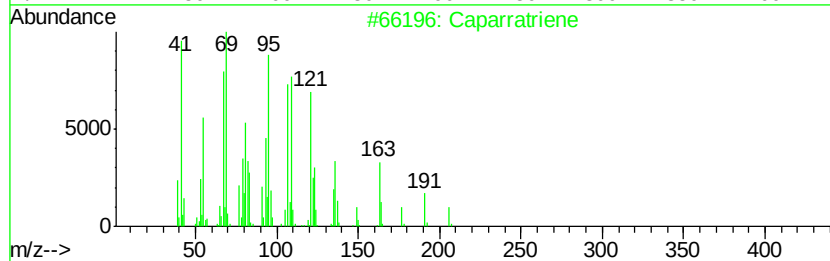
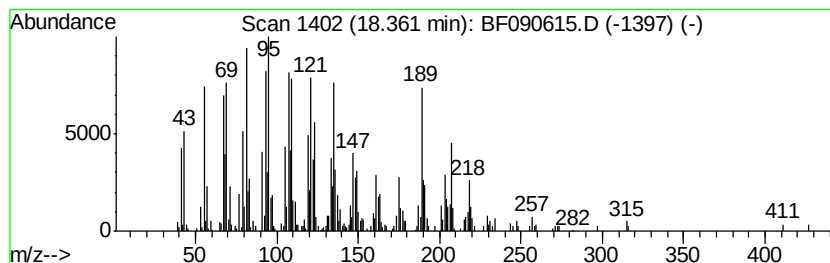
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ClientSampleId :
EME-PLANTING-SOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown18.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	15.73 ng	951798	Perylene-d12	15.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Caparratriene	206 C15H26	1000374-08-7	49
2	4,8-Methanoazulen-9-ol, decahydr...	222 C15H26O	004586-22-5	43
3	(-)-Isolongifolol, methyl ether	236 C16H28O	1000333-80-8	38
4	2-Isopropenyl-4a,8-dimethyl-1,2,...	204 C15H24	1000193-57-0	38
5	1-Formyl-2,2-dimethyl-3-trans-(3...	220 C15H24O	1000144-09-7	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090615.D
Acq On : 17 Oct 2016 18:44
Operator : UM/SJ
Sample : H5194-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EME-PLANTING-SOIL

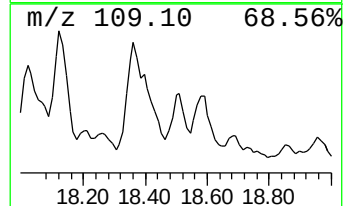
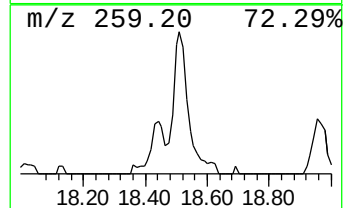
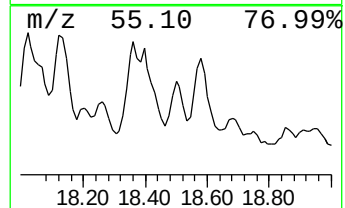
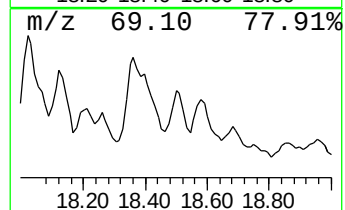
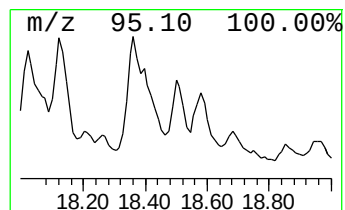
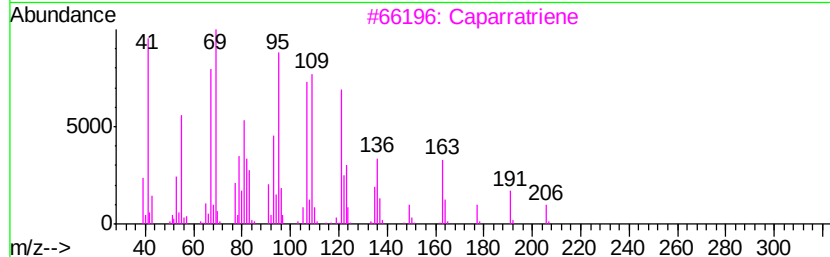
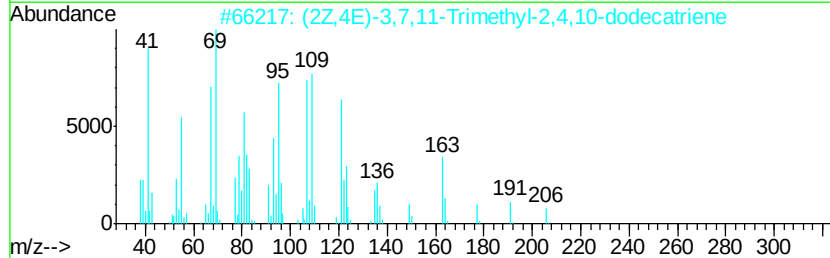
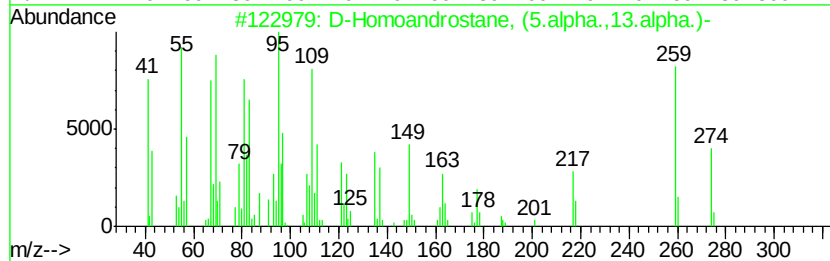
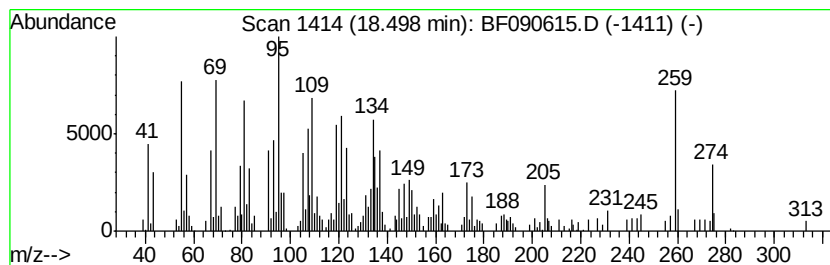
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown18.50 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	5.75 ng	347798	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Homoandrostande, (5.alpha.,13.a...	274	C20H34	054482-31-4	49
2		(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	46
3		Caparratriene	206	C15H26	1000374-08-7	46
4		(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	45
5		(.+/-)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
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Misc :
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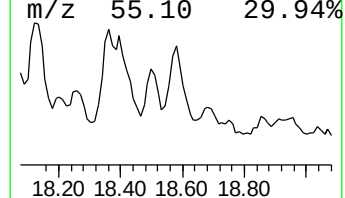
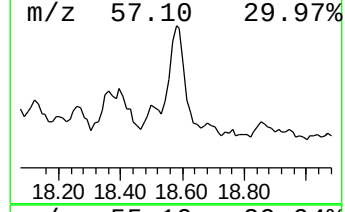
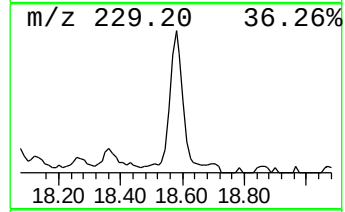
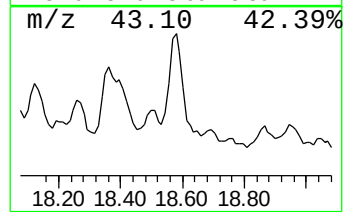
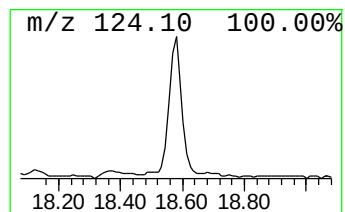
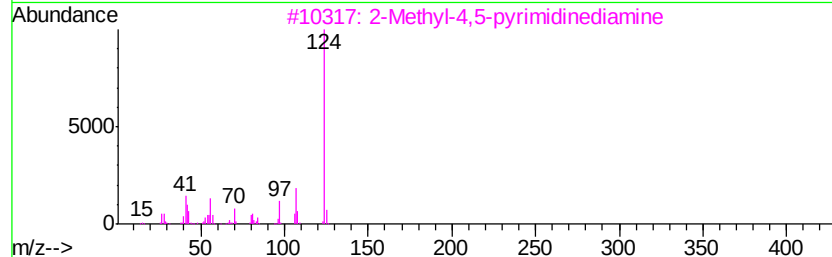
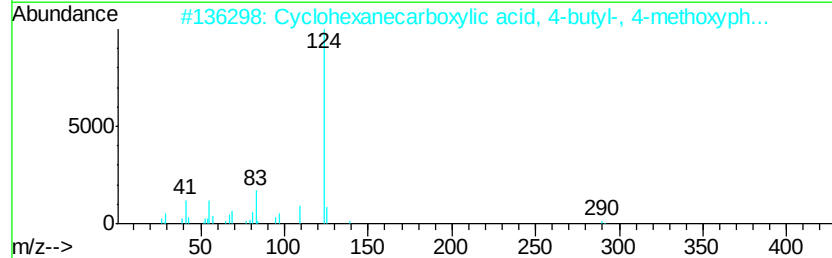
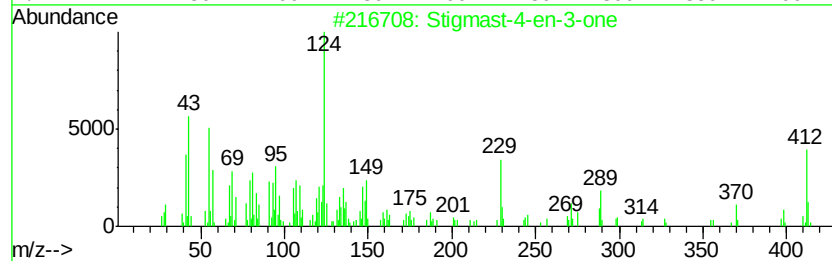
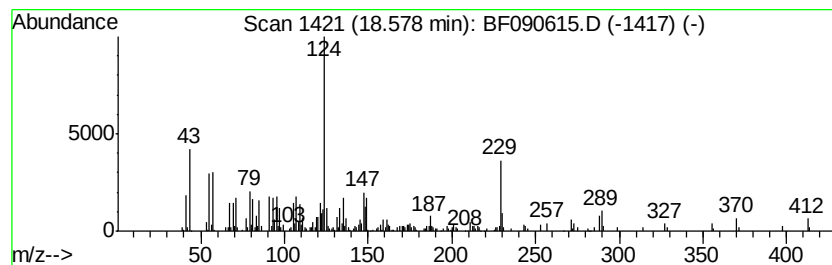
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Stigmast-4-en-3-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	13.17 ng	796644	Perylene-d12	15.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 92
2		Cyclohexanecarboxylic acid, 4-bu...	290 C18H26O3	067589-46-2 45
3		2-Methyl-4,5-pyrimidinediamine	124 C5H8N4	015579-63-2 43
4		Atropine	289 C17H23NO3	000051-55-8 43
5		O-Bromoatropine	367 C17H22BrNO3	051491-66-8 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090615.D
Acq On : 17 Oct 2016 18:44
Operator : UM/SJ
Sample : H5194-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-PLANTING-SOIL

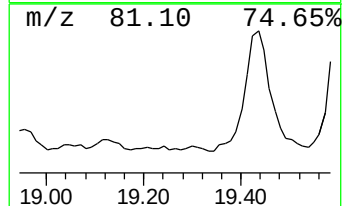
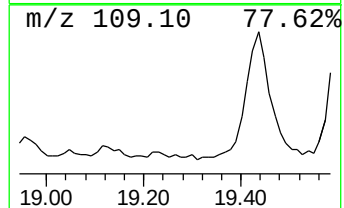
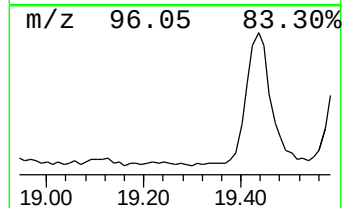
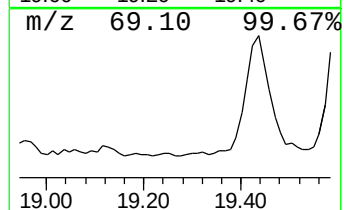
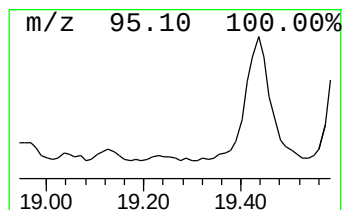
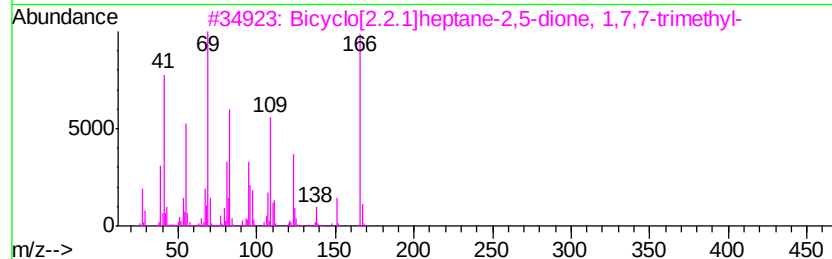
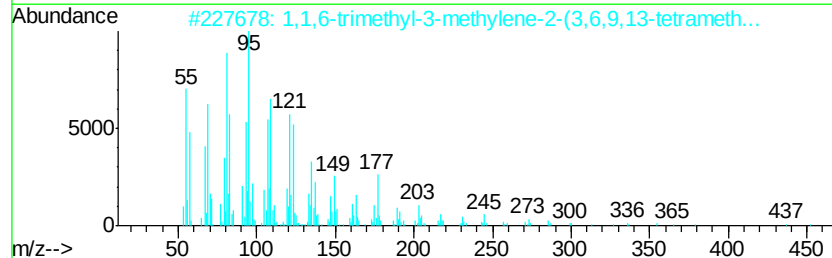
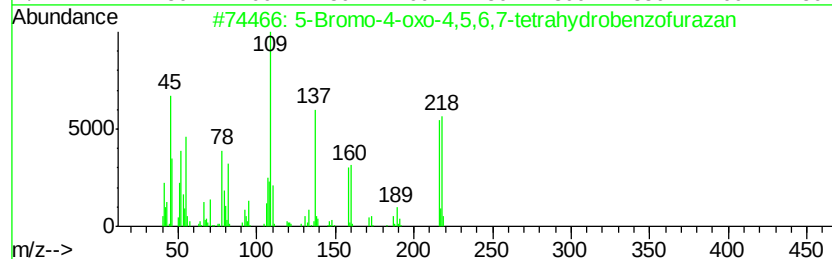
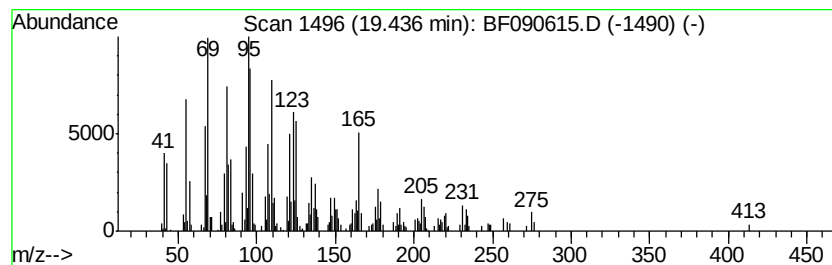
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	15.49 ng	936940	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
2		1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	55
3		Bicyclo[2.2.1]heptane-2,5-dione,...	166	C10H14O2	004230-32-4	50
4		7-Hexadecyne	222	C16H30	074685-28-2	42
5		3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
 Data File : BF090615.D
 Acq On : 17 Oct 2016 18:44
 Operator : UM/SJ
 Sample : H5194-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-PLANTING-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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...	5.09	19.8	ng	1161980	1	6.91	1171880	20.0
unknown6.67	6.67	78.3	ng	4590690	1	6.91	1171880	20.0
Hexadecanoic acid...	12.84	3.4	ng	259016	5	14.07	1506030	20.0
Phenol, 4,4'-(1-m...	12.90	9.9	ng	747263	5	14.07	1506030	20.0
Tetrapentacontane...	13.93	3.5	ng	264803	5	14.07	1506030	20.0
Heneicosane	15.20	10.6	ng	640279	6	15.54	1209990	20.0
dl-.alpha.-Tocoph...	16.26	3.5	ng	212603	6	15.54	1209990	20.0
.gamma.-Sitosterol	17.57	20.6	ng	1249260	6	15.54	1209990	20.0
unknown17.61	17.61	20.1	ng	1214040	6	15.54	1209990	20.0
8-Amino-6,7-dimet...	17.78	5.7	ng	347484	6	15.54	1209990	20.0
4-Thiazolemethano...	17.88	5.2	ng	311384	6	15.54	1209990	20.0
.beta.-Amyrin	18.02	15.7	ng	949562	6	15.54	1209990	20.0
Longifolenaldehyde	18.12	13.6	ng	821821	6	15.54	1209990	20.0
unknown18.26	18.26	5.2	ng	316660	6	15.54	1209990	20.0
unknown18.36	18.36	15.7	ng	951798	6	15.54	1209990	20.0
unknown18.50	18.50	5.8	ng	347798	6	15.54	1209990	20.0
Stigmast-4-en-3-one	18.58	13.2	ng	796644	6	15.54	1209990	20.0
5-Bromo-4-oxo-4,5...	19.44	15.5	ng	936940	6	15.54	1209990	20.0