

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094685.D
 Acq On : 28 Apr 2017 16:00
 Operator : SJ/MA
 Sample : I2828-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-COMPOST-02

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-BF041717.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	3.925	335	338	347	rBV	217545	253382	10.63%	0.914%
2	4.319	401	405	420	rBV	2369590	2279435	95.60%	8.219%
3	5.395	583	588	598	rBV	2212564	2371805	99.47%	8.552%
4	5.519	605	609	614	rVB	2599958	2384372	100.00%	8.597%
5	5.766	647	651	655	rBV	610784	534207	22.40%	1.926%
6	5.942	677	681	685	rBV	2073210	1892714	79.38%	6.825%
7	6.419	757	762	765	rBV	1424224	1424160	59.73%	5.135%
8	7.260	901	905	911	rVB	783752	701828	29.43%	2.531%
9	8.583	1125	1130	1133	rBV	2271415	2330727	97.75%	8.404%
10	9.054	1205	1210	1212	rBV	22202	25029	1.05%	0.090%
11	9.083	1212	1215	1218	rBV	233480	209516	8.79%	0.755%
12	9.395	1260	1268	1273	rBV2	655638	711545	29.84%	2.566%
13	9.566	1292	1297	1303	rBV2	61679	78478	3.29%	0.283%
14	9.724	1318	1324	1330	rBV5	43735	71478	3.00%	0.258%
15	9.989	1365	1369	1372	rVB	42040	40458	1.70%	0.146%
16	10.371	1429	1434	1442	rBV	1132567	1172851	49.19%	4.229%
17	10.571	1465	1468	1471	rBV2	48736	50555	2.12%	0.182%
18	10.683	1482	1487	1488	rBV4	17537	25043	1.05%	0.090%
19	10.730	1492	1495	1503	rVV2	116276	144904	6.08%	0.522%
20	10.889	1519	1522	1526	rBV2	68613	77066	3.23%	0.278%
21	11.130	1560	1563	1567	rVB	35773	36992	1.55%	0.133%
22	11.219	1574	1578	1580	rBV	573606	598328	25.09%	2.157%
23	11.283	1586	1589	1592	rBV5	28558	31820	1.33%	0.115%
24	11.324	1593	1596	1599	rVV	63652	61303	2.57%	0.221%
25	11.360	1599	1602	1606	rVV	123301	123885	5.20%	0.447%
26	11.436	1612	1615	1616	rBV3	27811	27445	1.15%	0.099%
27	11.554	1633	1635	1640	rVB2	56817	66545	2.79%	0.240%
28	11.718	1660	1663	1664	rBV	42691	42983	1.80%	0.155%
29	11.860	1685	1687	1692	rVB4	41760	46670	1.96%	0.168%
30	11.901	1692	1694	1699	rVV2	51587	59884	2.51%	0.216%
31	11.966	1699	1705	1719	rVB2	631227	859787	36.06%	3.100%
32	12.395	1774	1778	1782	rVB7	17954	30569	1.28%	0.110%
33	12.707	1827	1831	1839	rVB2	138133	167593	7.03%	0.604%
34	12.783	1841	1844	1847	rBV2	36202	47455	1.99%	0.171%

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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

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35	12.818	1848	1850	1853	rBV3	38785	51350	2.15%	0.185%
36	12.924	1864	1868	1873	rBV	211494	260106	10.91%	0.938%
37	12.983	1875	1878	1881	rVB	90364	100385	4.21%	0.362%
38	13.195	1909	1914	1918	rBV	1526241	1559015	65.38%	5.621%
39	13.789	2012	2015	2018	rBV	89677	93378	3.92%	0.337%
40	13.824	2019	2021	2027	rVB	68122	89636	3.76%	0.323%
41	13.924	2036	2038	2042	rBV	56352	58716	2.46%	0.212%
42	14.359	2109	2112	2118	rBV2	133382	235844	9.89%	0.850%
43	14.471	2127	2131	2134	rBV	465449	525818	22.05%	1.896%
44	15.148	2242	2246	2252	rBV	354248	463713	19.45%	1.672%
45	15.659	2331	2333	2337	rBV2	159402	159310	6.68%	0.574%
46	15.865	2364	2368	2376	rVB	529726	660059	27.68%	2.380%
47	16.077	2402	2404	2406	rBV2	160945	170198	7.14%	0.614%
48	16.101	2406	2408	2412	rVB	351976	344289	14.44%	1.241%
49	16.383	2453	2456	2458	rBV	170156	206675	8.67%	0.745%
50	16.477	2468	2472	2482	rVB	290547	463326	19.43%	1.671%
51	16.800	2524	2527	2533	rVB2	386956	610744	25.61%	2.202%
52	17.912	2711	2716	2728	rVB9	346687	1191479	49.97%	4.296%
53	18.165	2754	2759	2767	rVB5	287810	641438	26.90%	2.313%
54	18.777	2858	2863	2873	rVB4	324472	867724	36.39%	3.129%

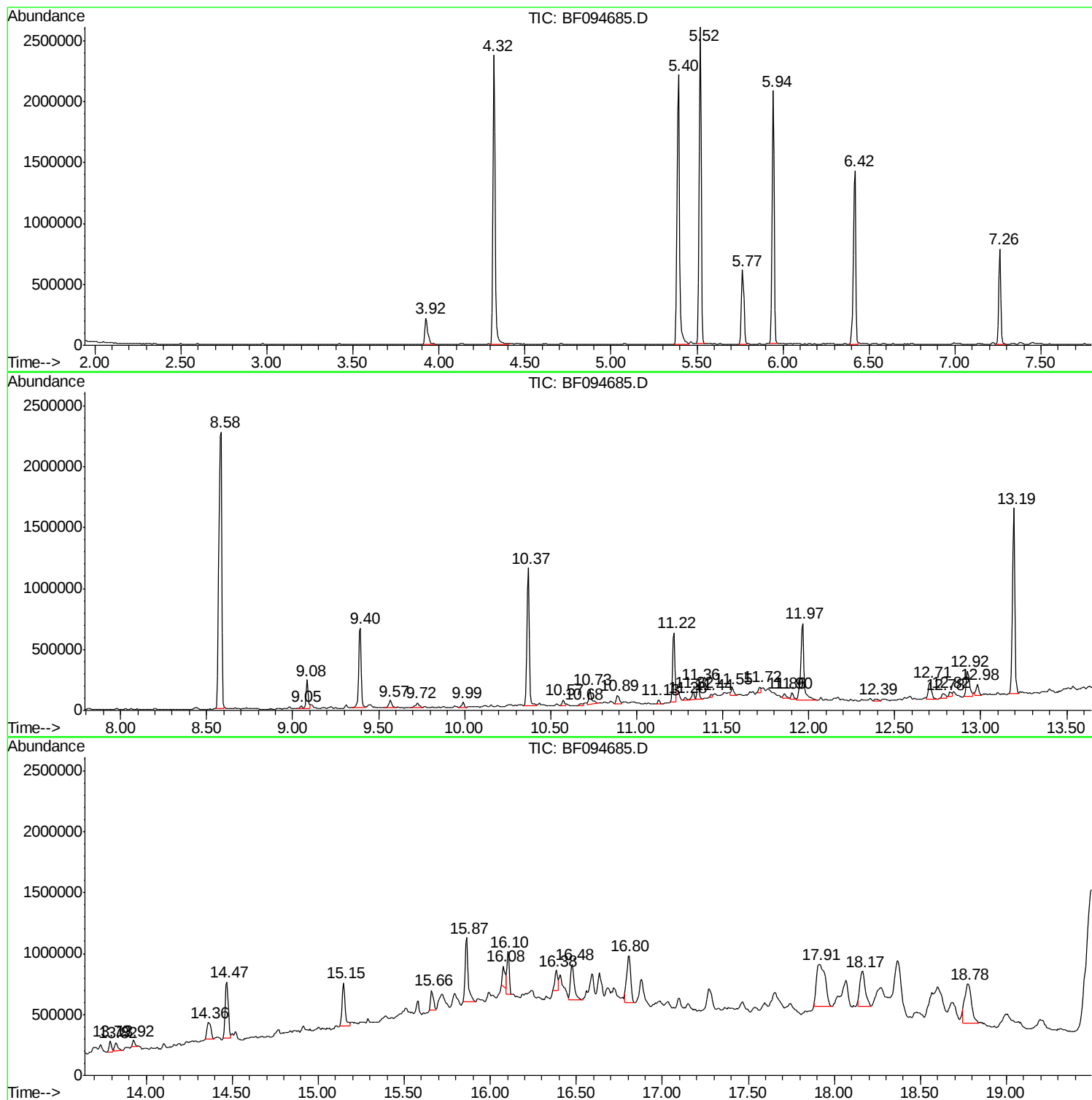
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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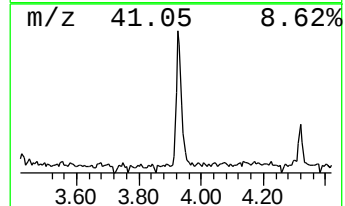
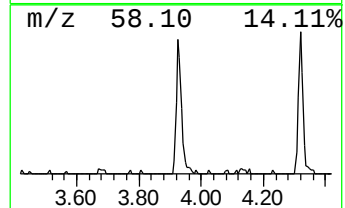
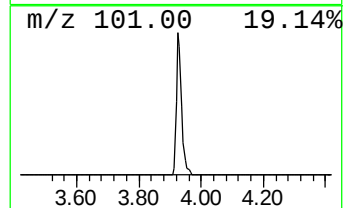
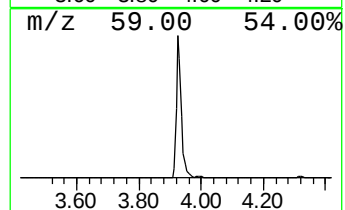
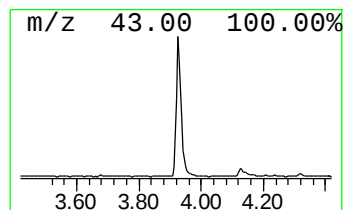
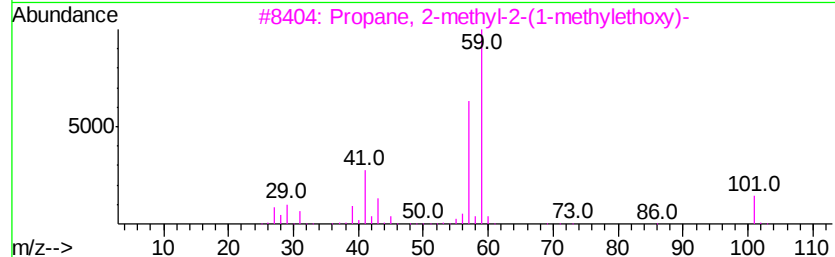
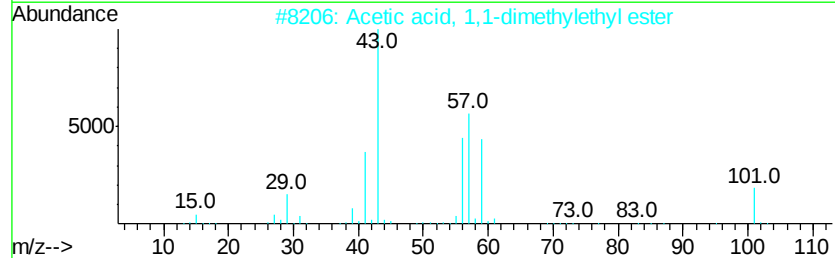
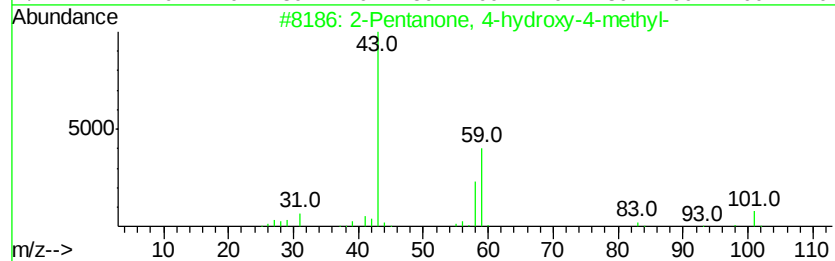
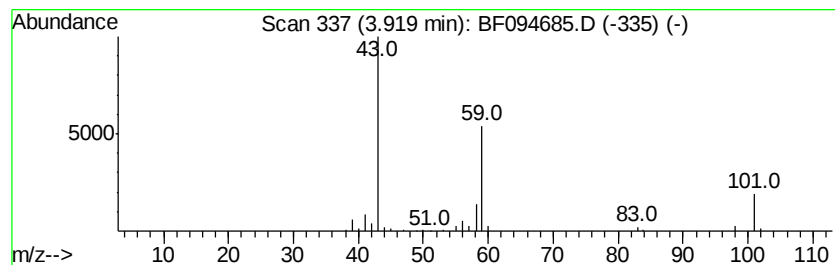
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	9.49 ng	253382	1,4-Dichlorobenzene-d4	5.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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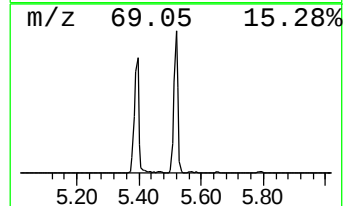
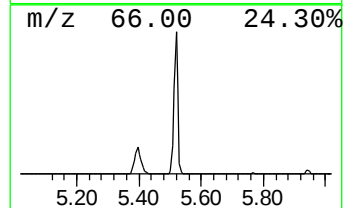
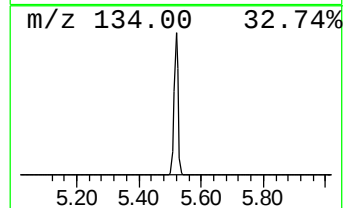
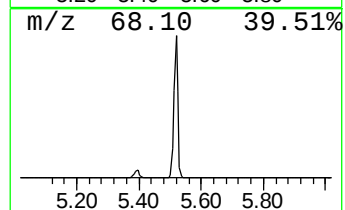
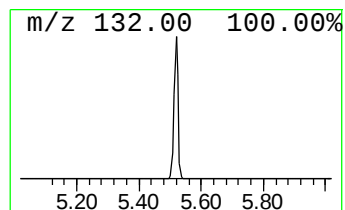
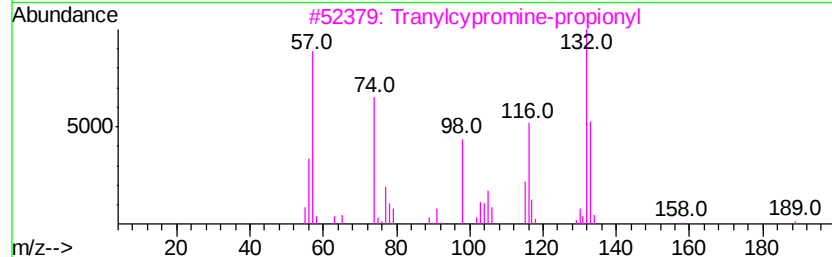
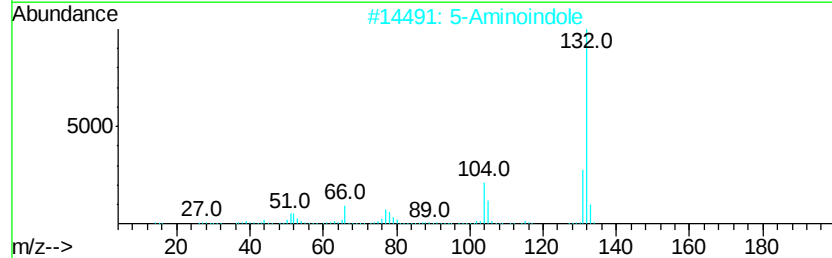
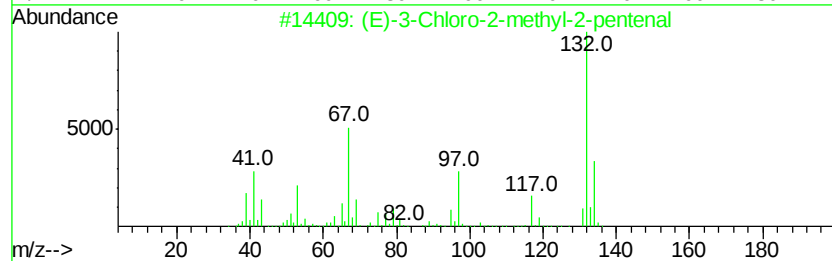
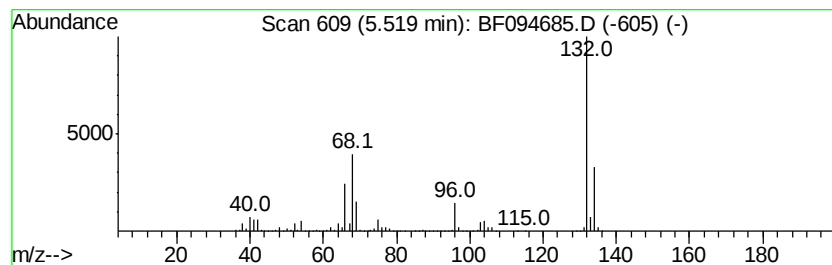
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	89.27 ng	2384370	1,4-Dichlorobenzene-d4	5.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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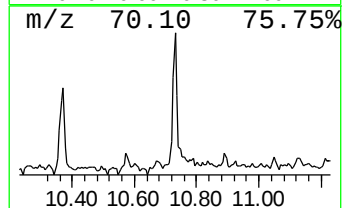
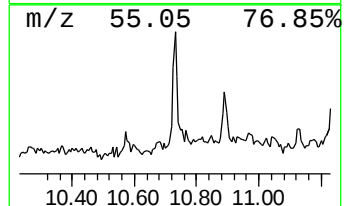
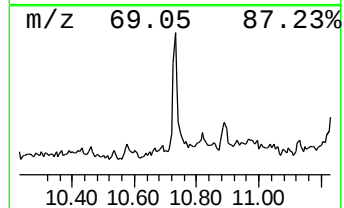
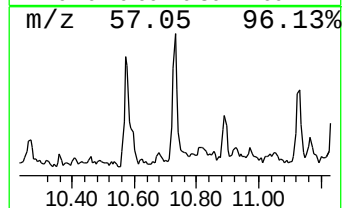
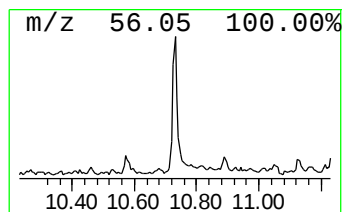
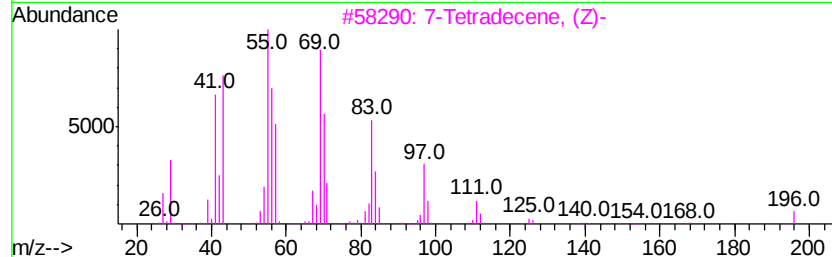
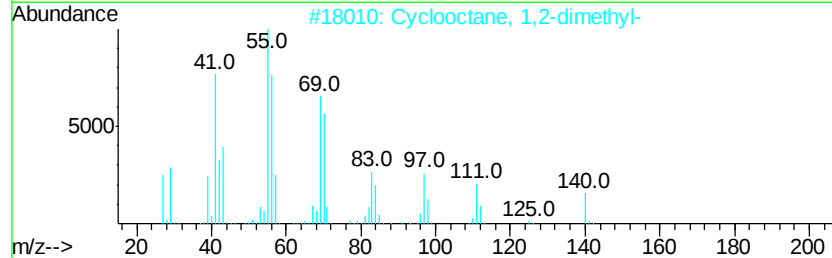
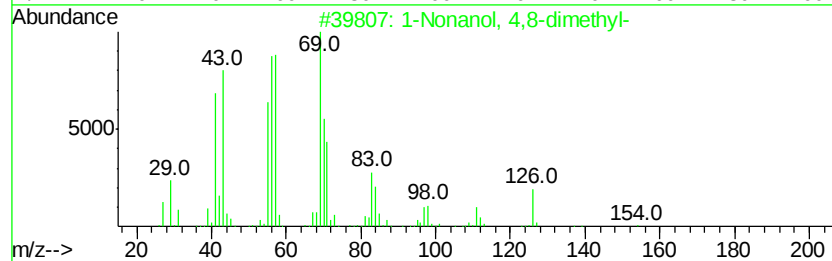
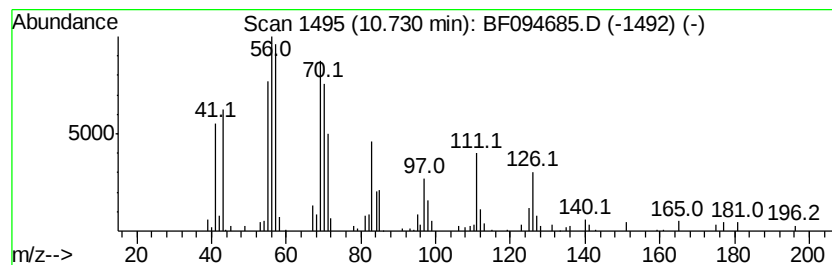
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Nonanol, 4,8-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.73	4.84 ng	144904	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol, 4,8-dimethyl-	172	C11H24O	033933-80-1	53
2	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	53
3	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	49
4	3-Heptafluorobutvyroxytridecane	396	C17H27F7O2	1000245-49-5	47
5	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	43



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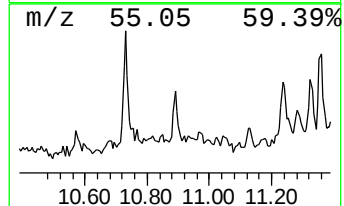
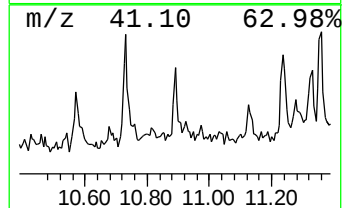
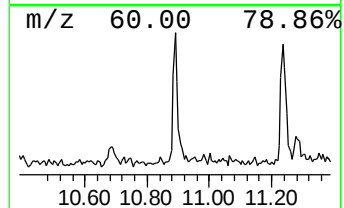
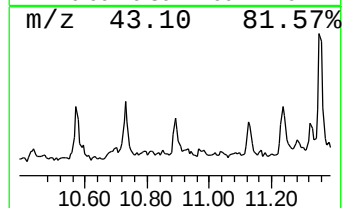
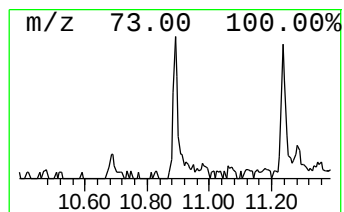
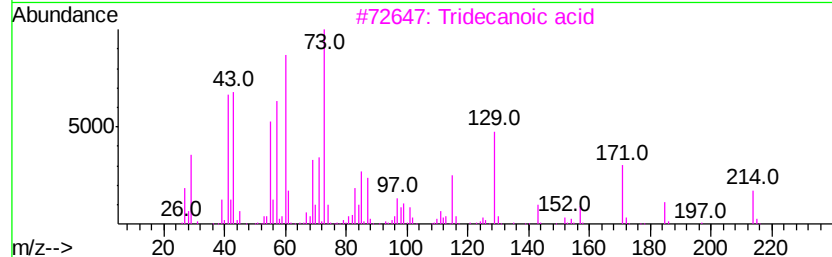
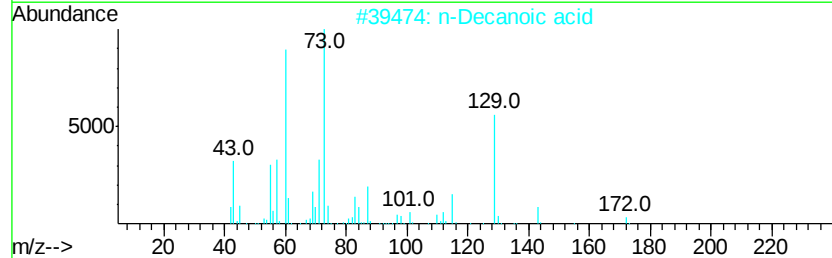
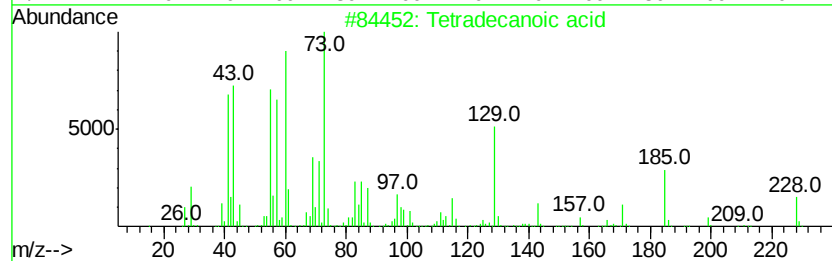
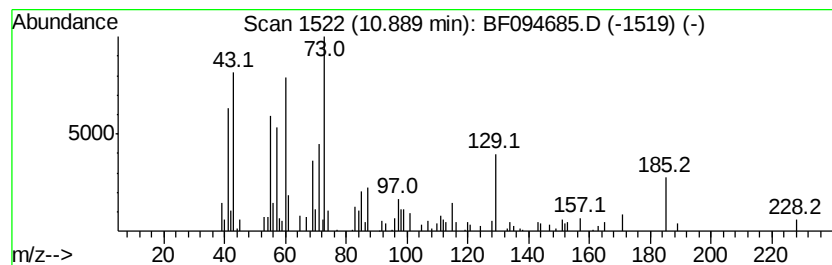
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetradecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.89	2.58 ng	77066	Phenanthrene-d10		11.22	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
2		n-Decanoic acid	172	C10H20O2	000334-48-5	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Undecanoic acid	186	C11H22O2	000112-37-8	53
5		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	50



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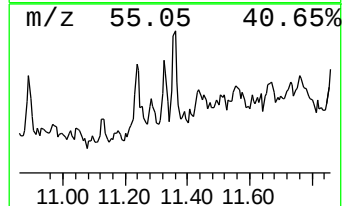
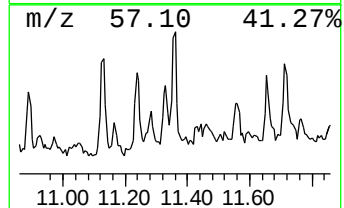
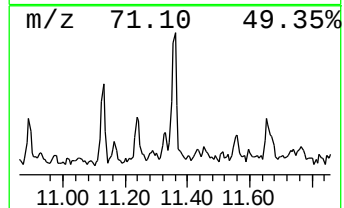
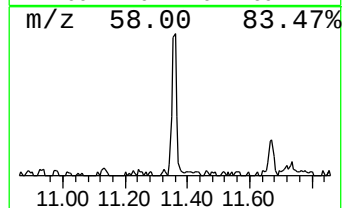
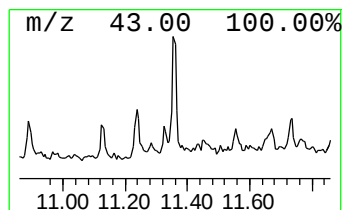
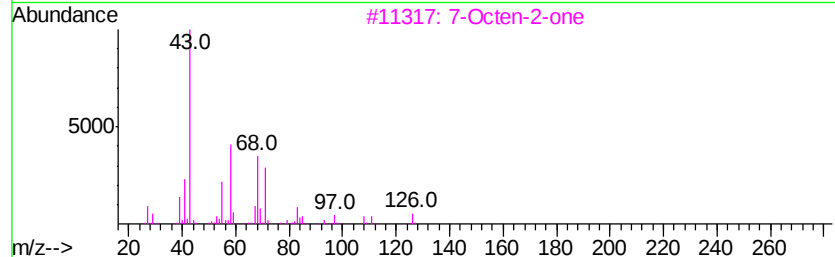
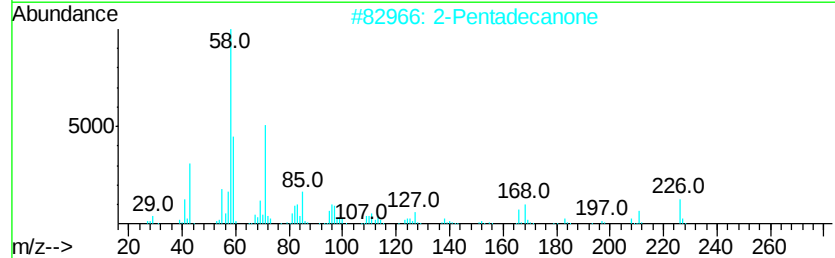
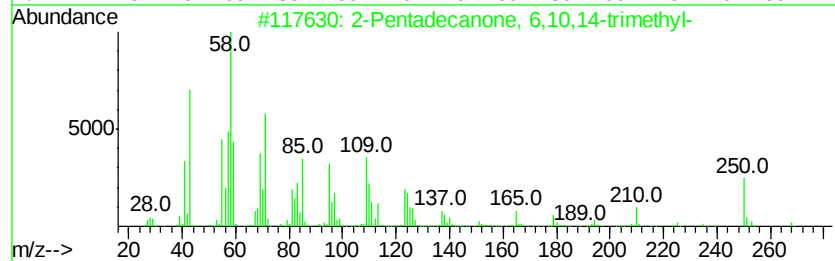
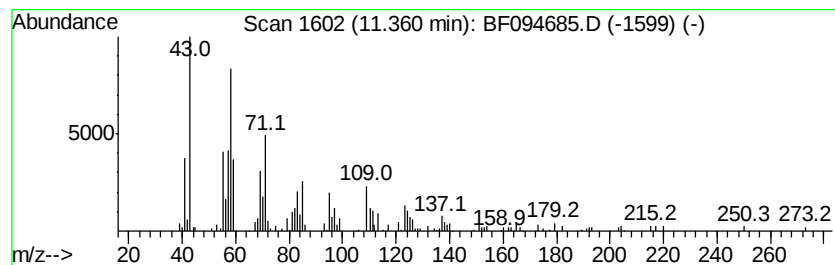
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Pentadecanone, 6,10,14-tr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	4.14 ng	123885	Phenanthrene-d10	11.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentadecanone, 6,10,14-trimethyl-	268	C18H36O	000502-69-2	91
2			2-Pentadecanone	226	C15H30O	002345-28-0	64
3			7-Octen-2-one	126	C8H14O	003664-60-6	47
4			2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	47
5			11-Dodecen-2-one	182	C12H22O	005009-33-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
Operator : SJ/MA
Sample : I2828-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-COMPOST-02

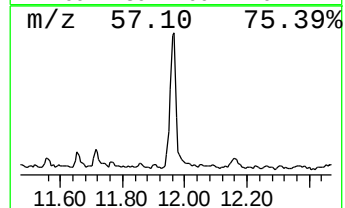
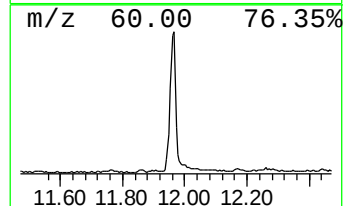
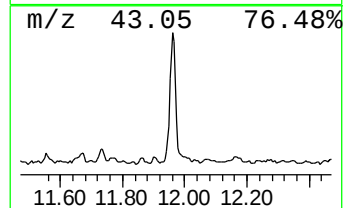
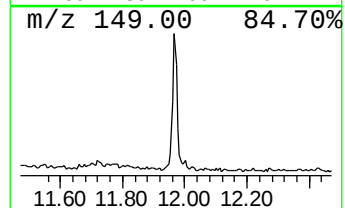
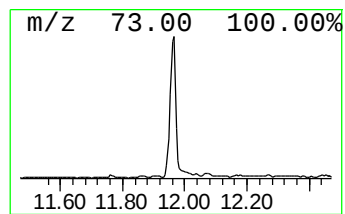
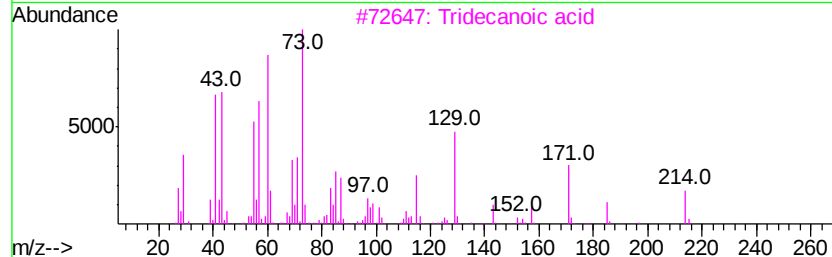
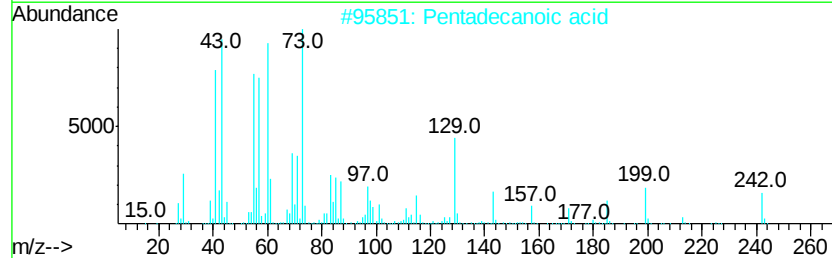
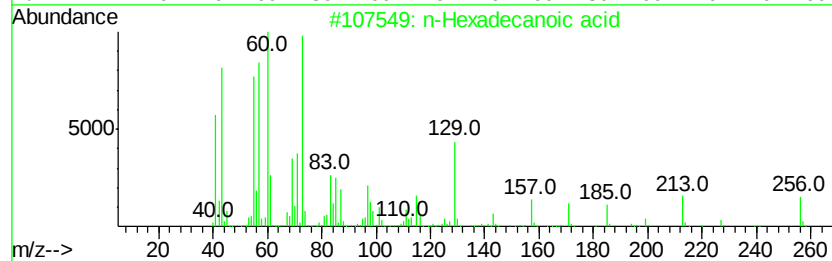
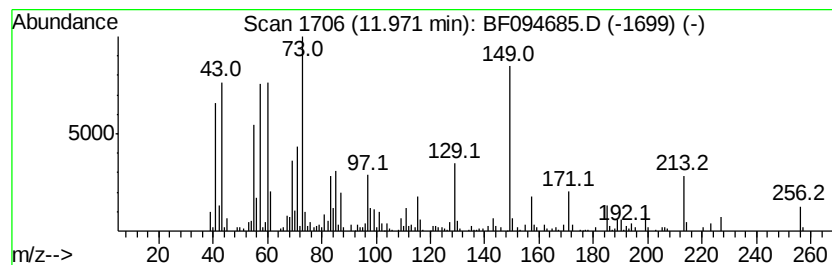
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	28.74 ng	859787	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
Operator : SJ/MA
Sample : I2828-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-COMPOST-02

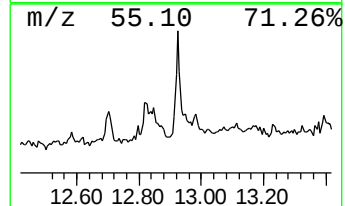
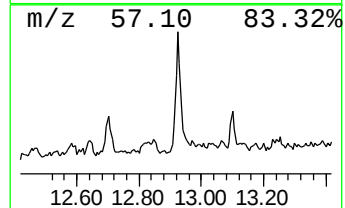
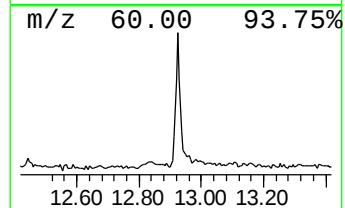
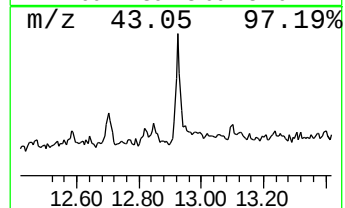
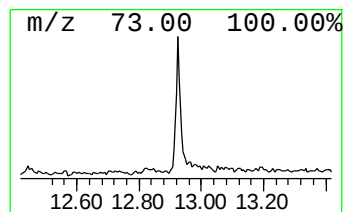
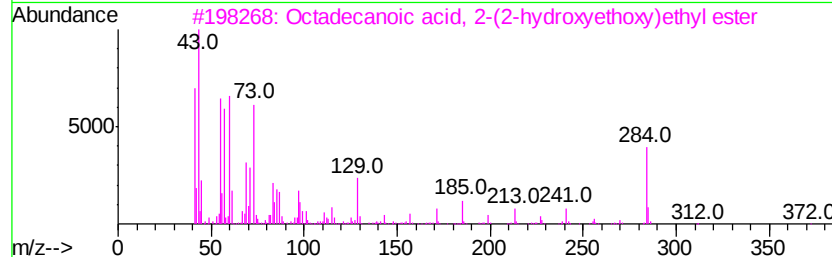
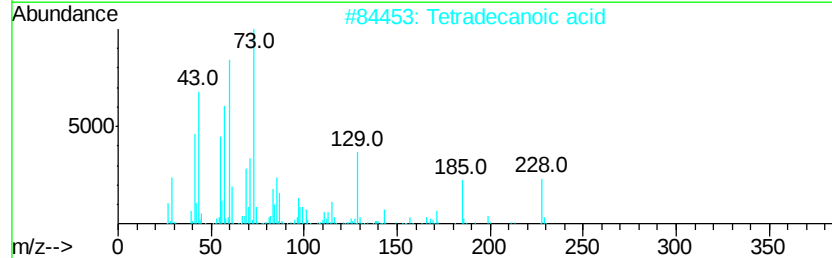
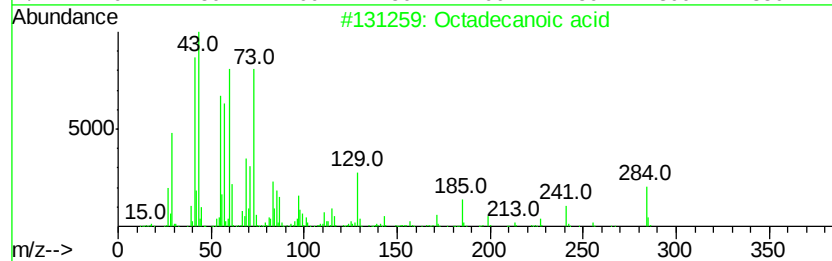
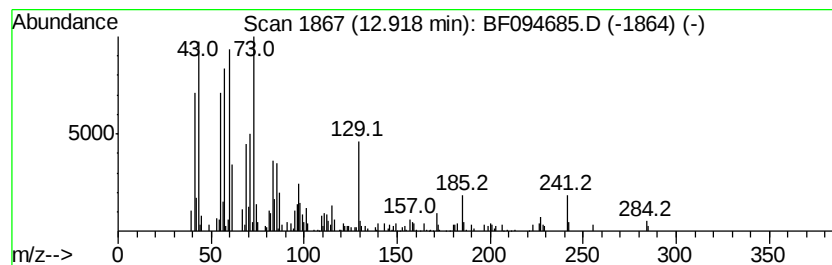
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	9.89 ng	260106	Chrysene-d12	14.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
Operator : SJ/MA
Sample : I2828-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EME-COMPOST-02

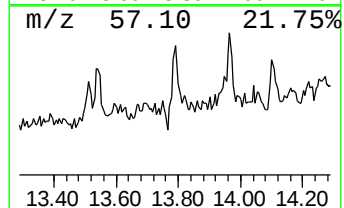
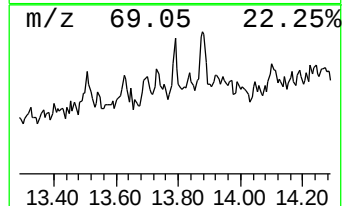
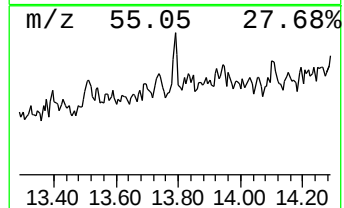
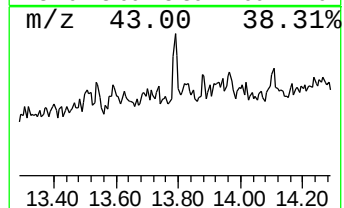
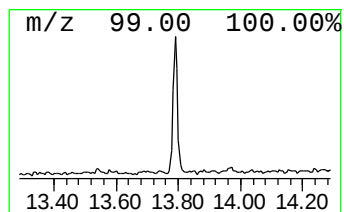
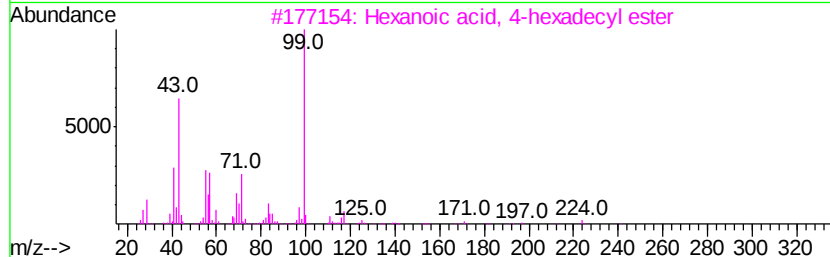
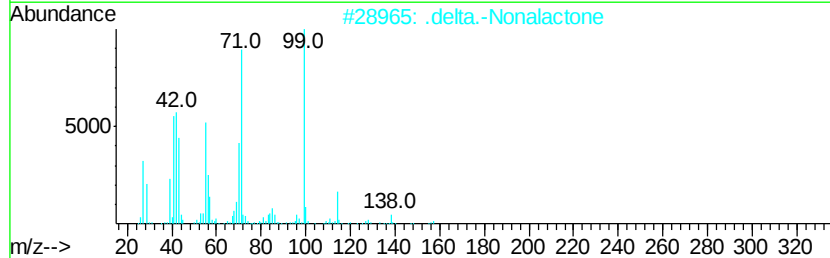
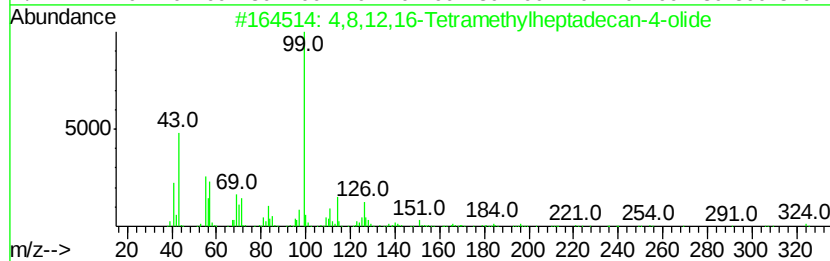
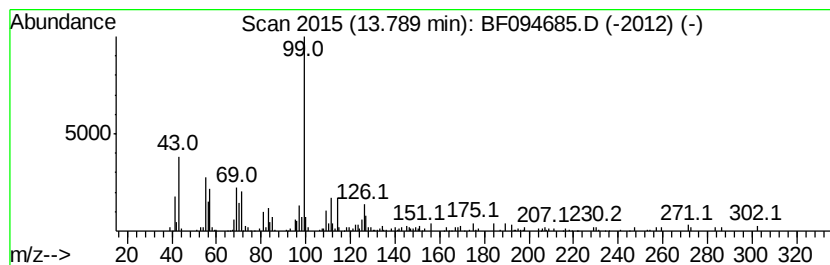
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4,8,12,16-Tetramethylheptad... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.55 ng	93378	Chrysene-d12	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	90
2			.delta.-Nonalactone	156	C9H16O2	003301-94-8	53
3			Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	50
4			Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	50
5			Phosphonofluoridic acid, methyl-...	224	C10H22F02P	211192-74-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
Operator : SJ/MA
Sample : I2828-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EME-COMPOST-02

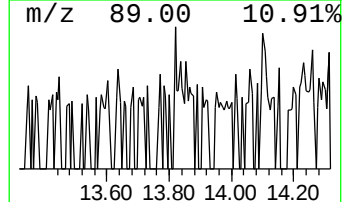
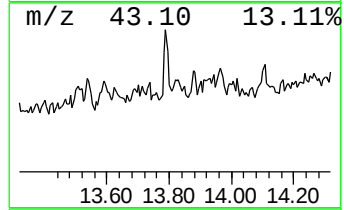
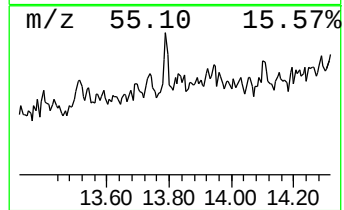
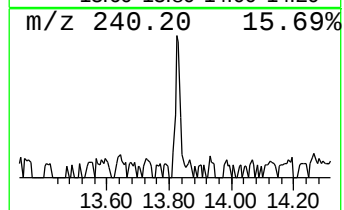
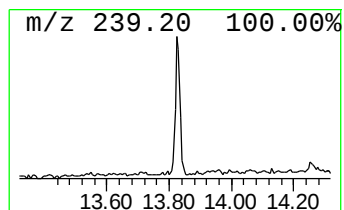
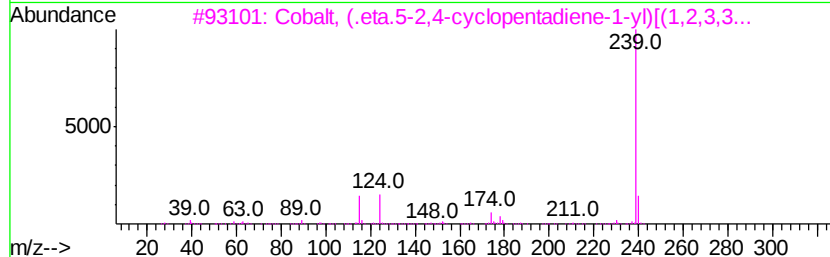
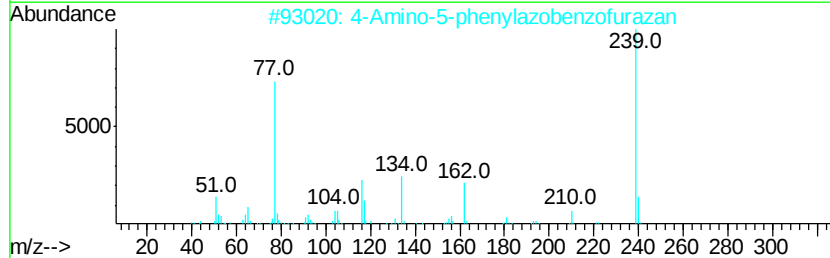
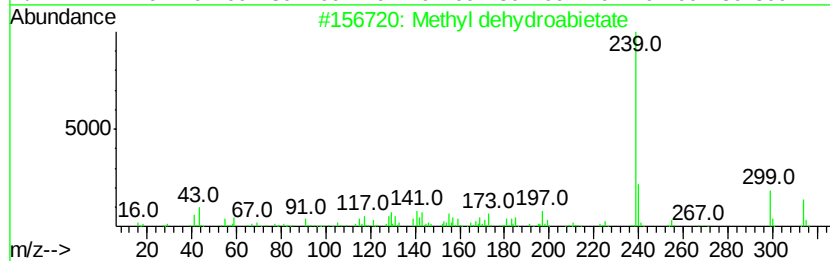
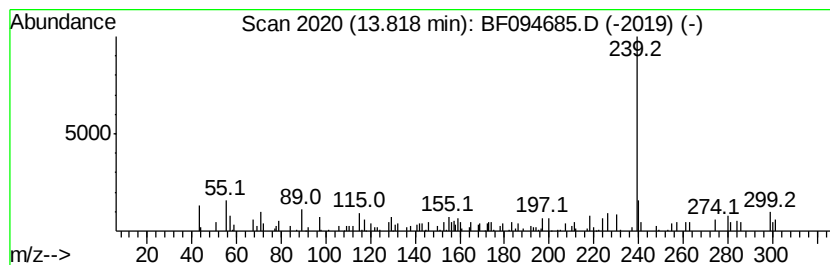
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Methyl dehydroabietate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.41 ng	89636	Chrysene-d12	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl dehydroabietate	314	C21H30O2	001235-74-1	72
2			4-Amino-5-phenylazobenzofurazan	239	C12H9N5O	166766-05-8	64
3			Cobalt, (.eta.5-2,4-cyclopentadiene-1-yl)[(1,2,3,3-tetra-5-2,4-cyclopentadiene-1-yl)]	239	C14H12Co	088242-61-9	59
4			Imidazo[2,1-b]thiazole, 5-(3-iodophenyl)-	239	C13H9N3S	327097-37-0	59
5			5-Amino-4-nitro-2-phenyl(2H)benzofuran	239	C12H9N5O	166766-11-6	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
Operator : SJ/MA
Sample : I2828-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-COMPOST-02

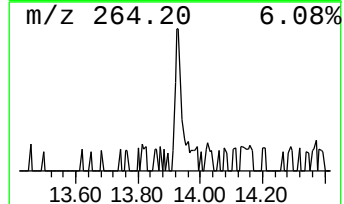
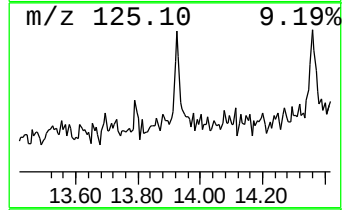
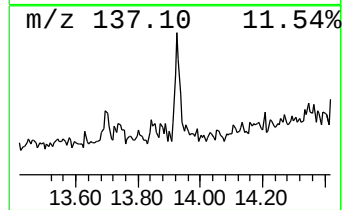
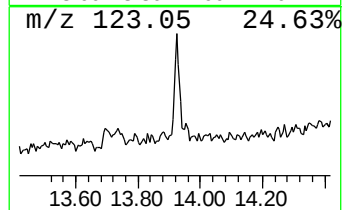
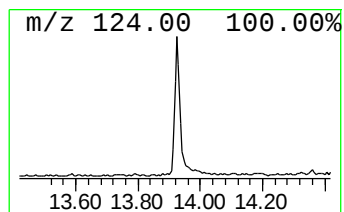
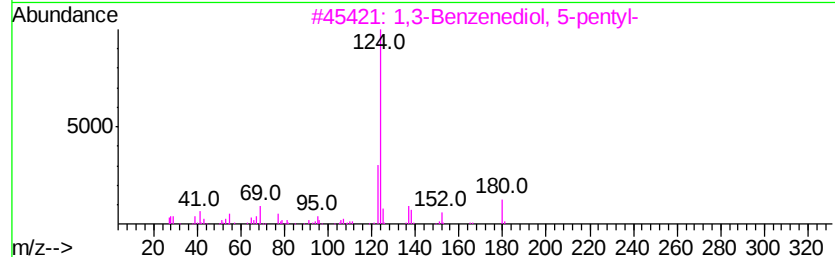
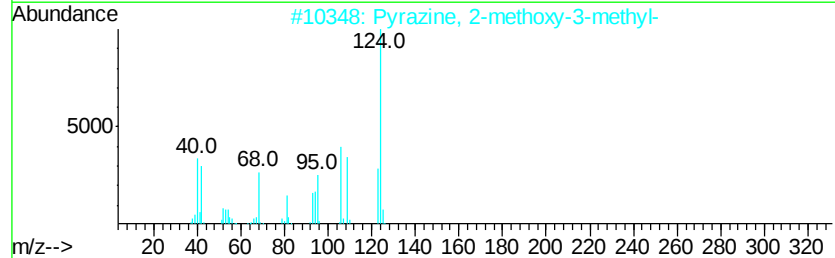
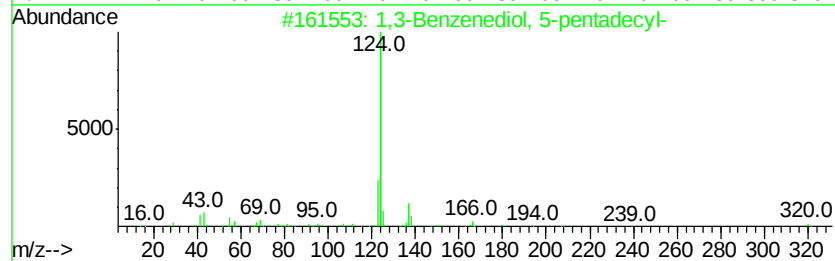
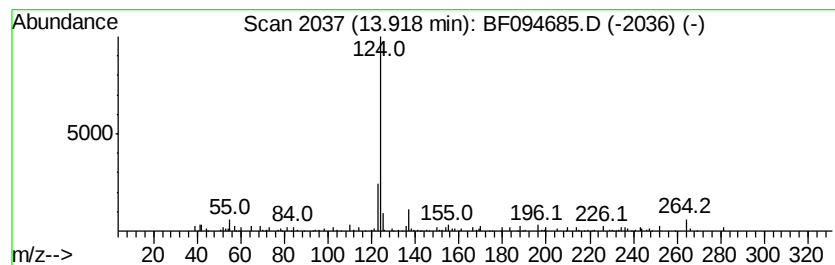
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,3-Benzenediol, 5-pentadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	2.23 ng	58716	Chrysene-d12	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Benzenediol, 5-pentadecyl-	320	C21H36O2	003158-56-3	72
2		Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	64
3		1,3-Benzenediol, 5-pentyl-	180	C11H16O2	000500-66-3	56
4		5-Heptylresorcinol	208	C13H20O2	000500-67-4	56
5		Phenol, 2-methoxy-, acetate	166	C9H10O3	000613-70-7	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
Operator : SJ/MA
Sample : I2828-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

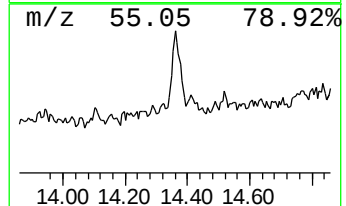
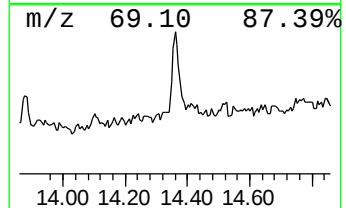
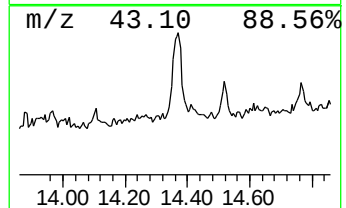
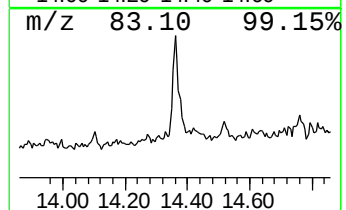
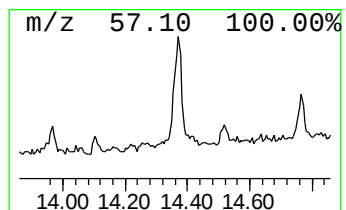
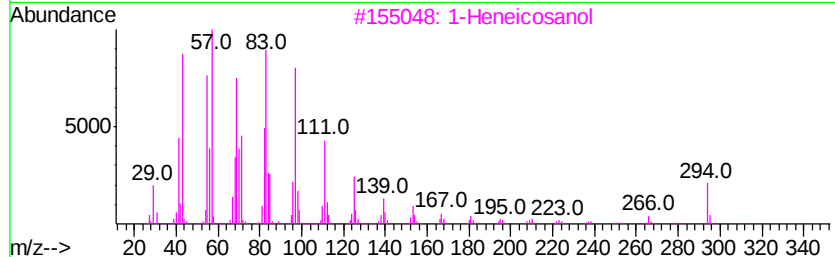
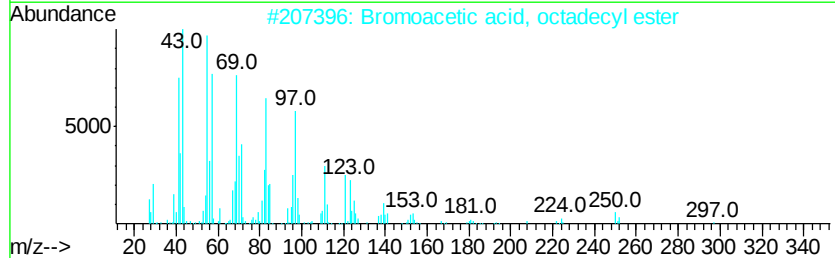
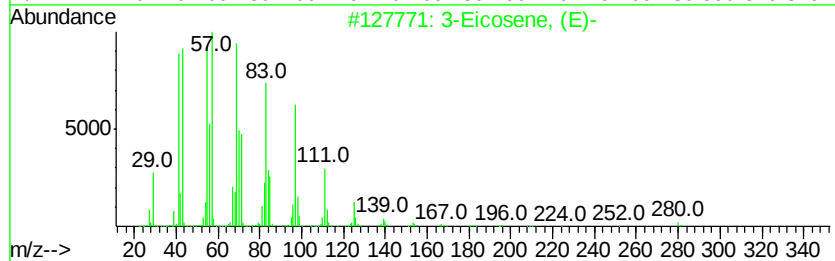
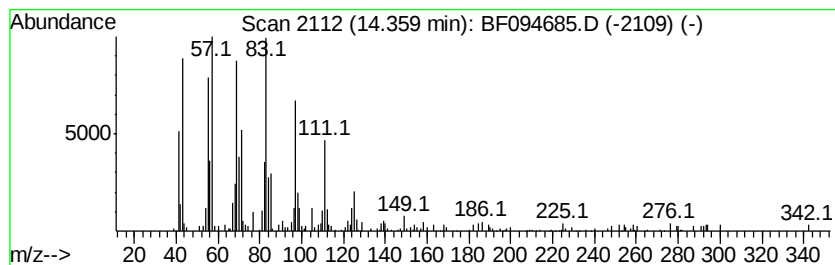
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ClientSampleId :
EME-COMPOST-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3-Eicosene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.36	8.97 ng	235844	Chrysene-d12	14.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	3-Octadecene, (E)-	252	C18H36	007206-19-1	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90



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Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
Operator : SJ/MA
Sample : I2828-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EME-COMPOST-02

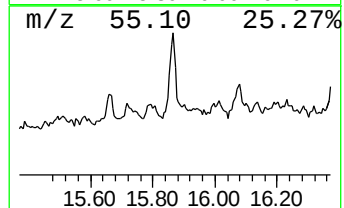
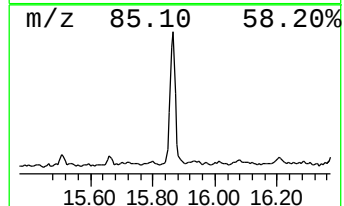
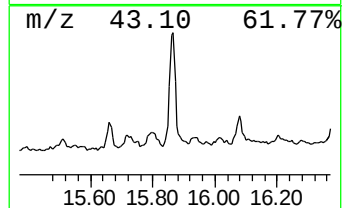
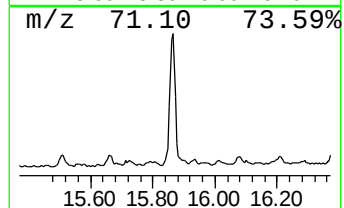
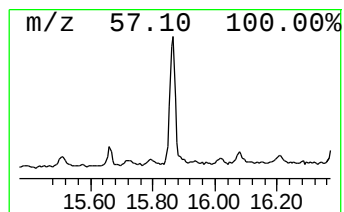
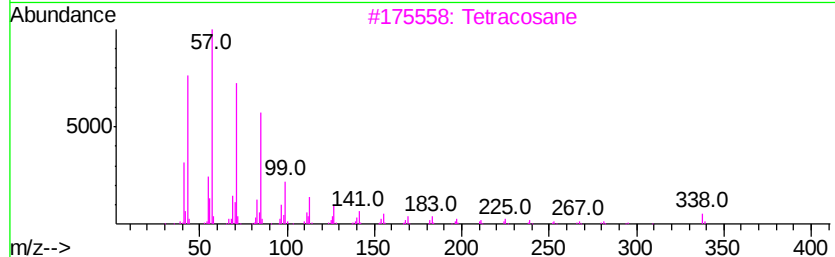
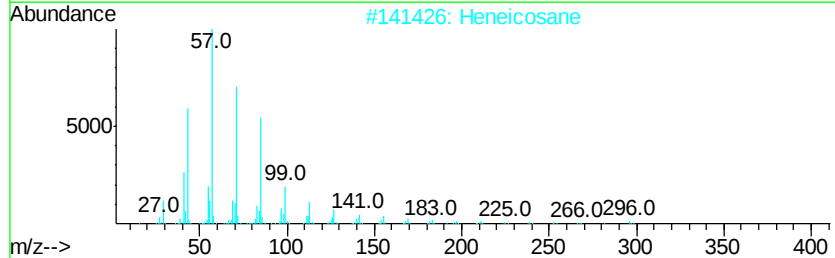
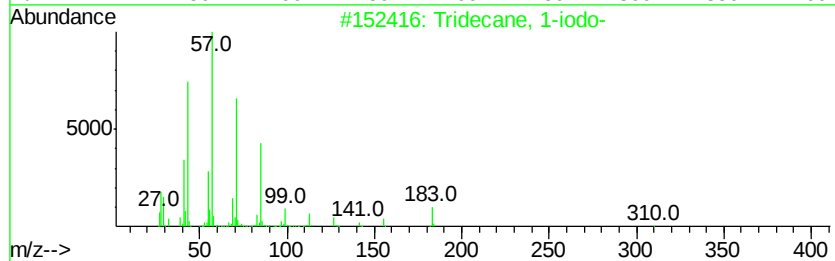
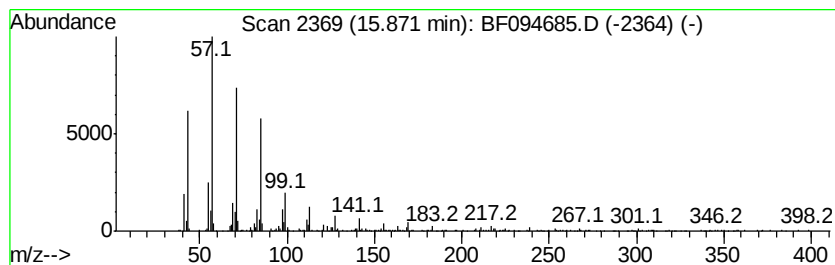
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	38.34 ng	660059	Perylene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		triacontane	422	C30H62	000638-68-6	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
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Misc :
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ClientSampleId :
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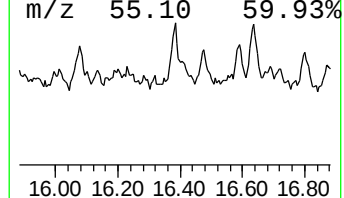
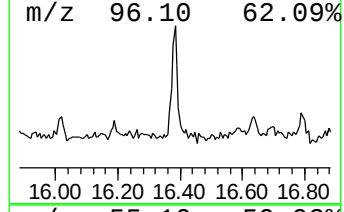
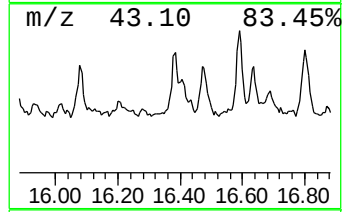
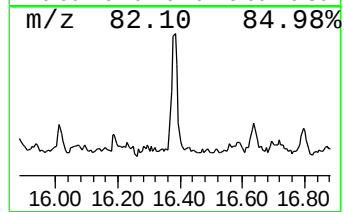
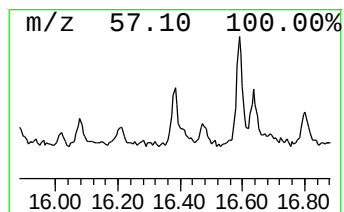
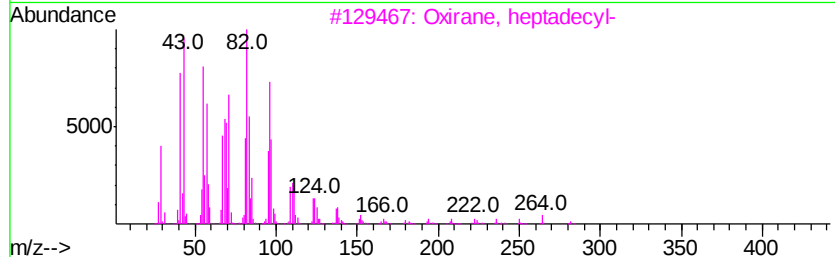
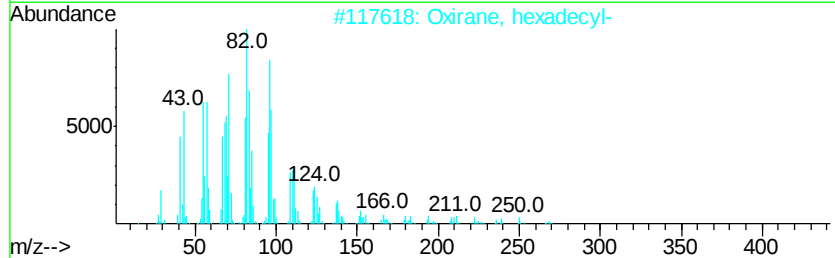
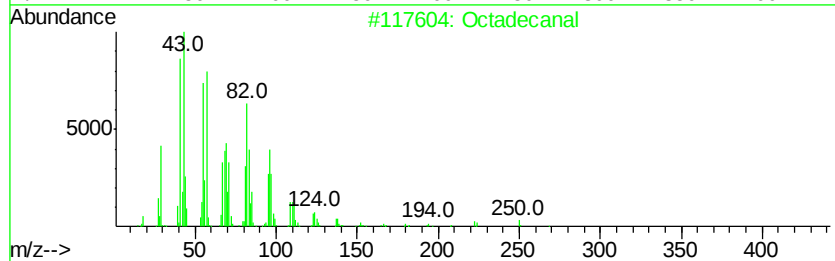
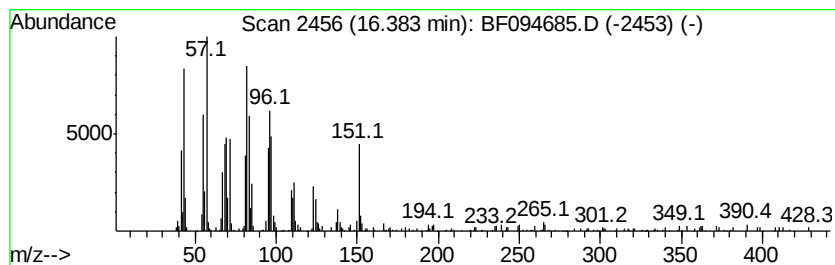
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	12.01 ng	206675	Perylene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	98
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74
4		9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	70
5		Tetracosanal	352	C24H48O	057866-08-7	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
Operator : SJ/MA
Sample : I2828-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
EME-COMPOST-02

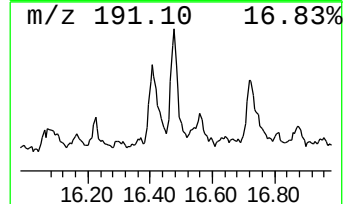
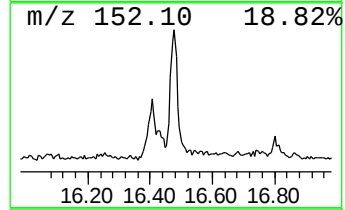
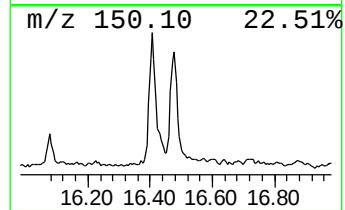
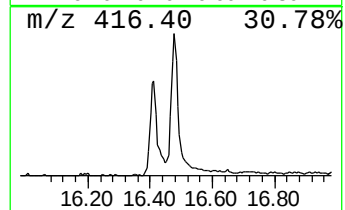
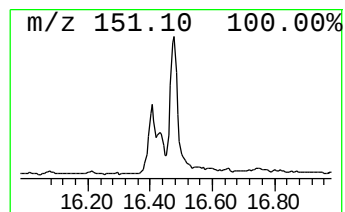
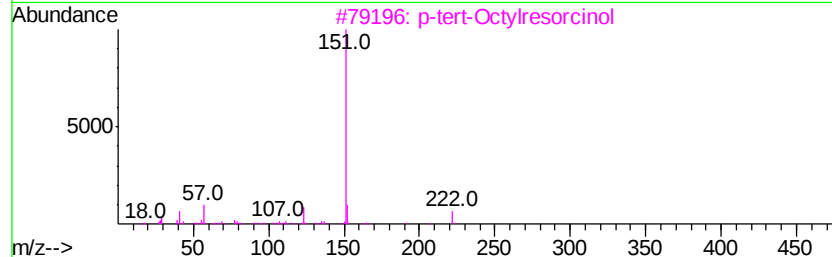
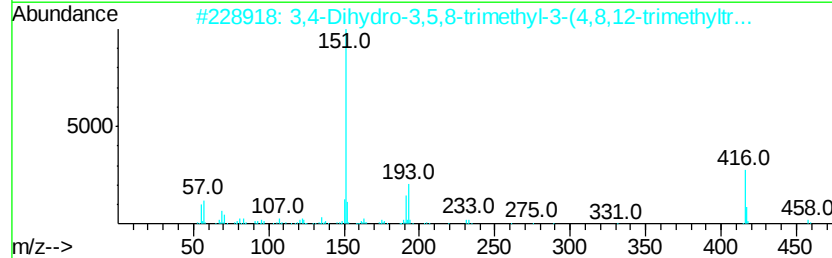
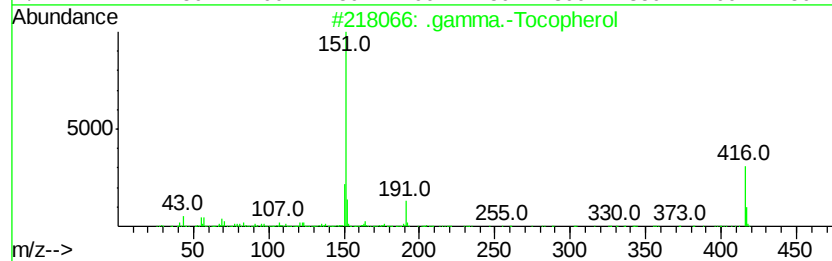
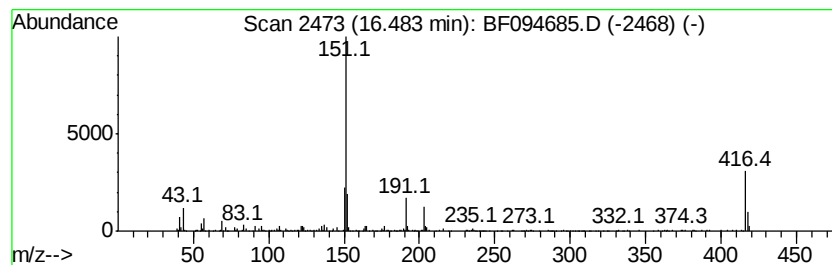
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 .gamma.-Tocopherol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	26.91 ng	463326	Perylene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	98
2		3,4-Dihydro-3,5,8-trimethyl-3-(4...	458	C30H50O3	1000105-71-9	72
3		p-tert-Octylresorcinol	222	C14H22O2	028122-52-3	47
4		Silane, 2-butenylmethoxymethylph...	206	C12H18OSi	076557-76-1	43
5		2-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057351-75-4	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
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Sample : I2828-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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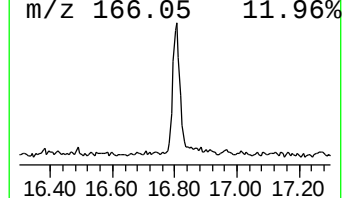
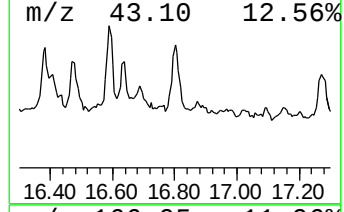
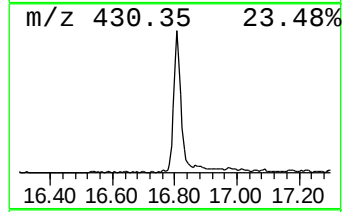
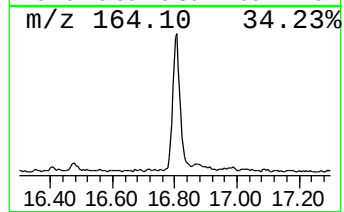
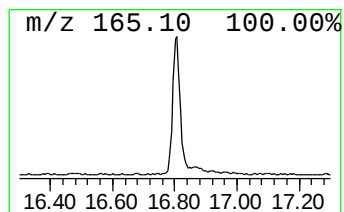
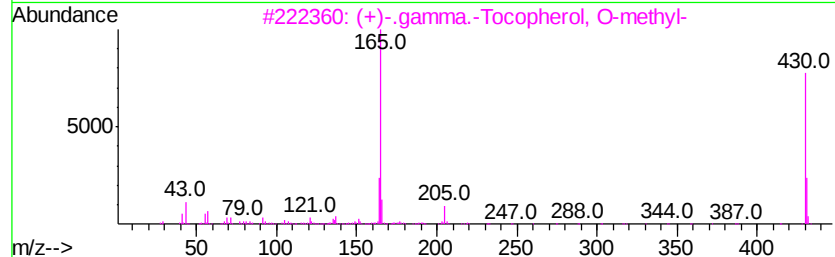
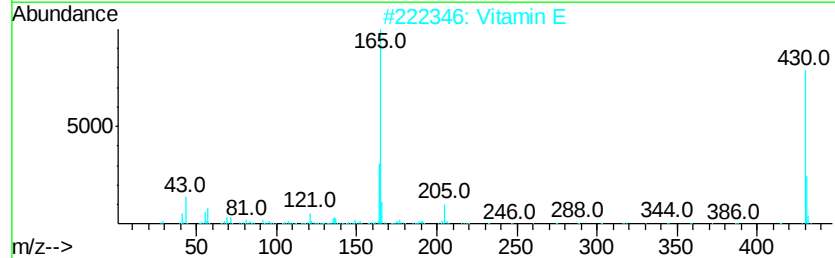
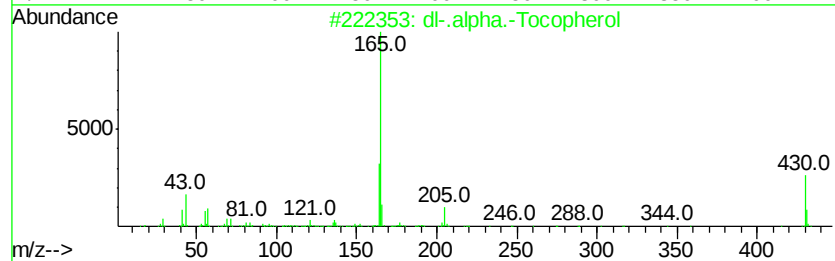
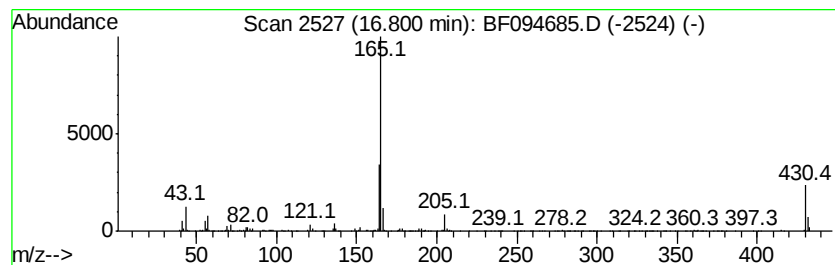
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 dl-.alpha.-Tocopherol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	35.48 ng	610744	Perylene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
2		Vitamin E	430	C29H50O2	000059-02-9	94
3		(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	91
4		.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	45
5		2-Amino-6-hydroxy-9-methylpurine	165	C6H7N5O	005502-78-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
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Misc :
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ClientSampleId :
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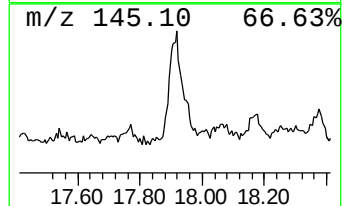
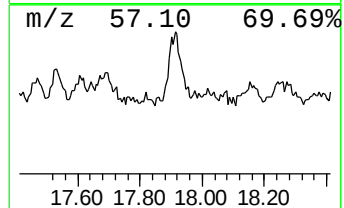
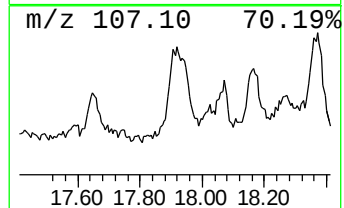
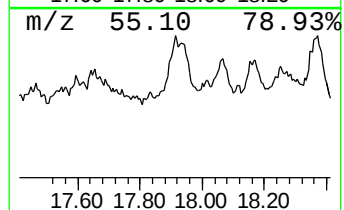
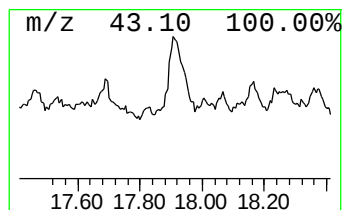
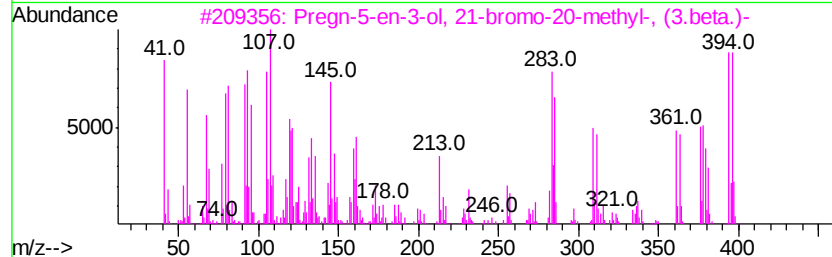
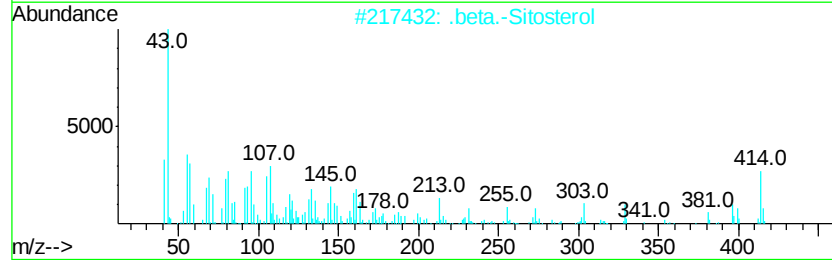
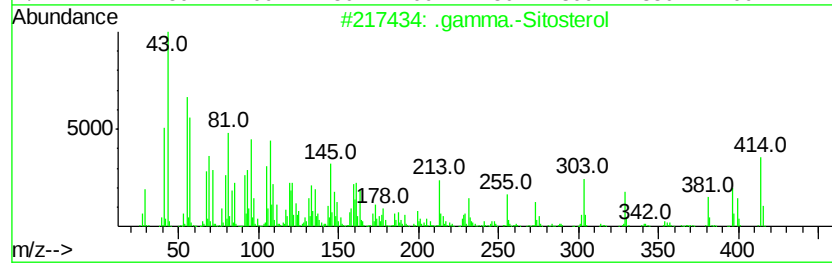
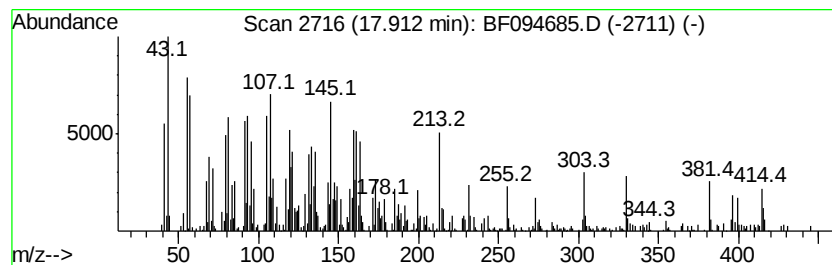
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	69.21 ng	1191480	Perylene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	95
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	91
3		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	25
4		Benzofuran-2-carboxylic acid, (2...	303	C16H11F2N03	1000311-07-8	10
5		Campesterol	400	C28H48O	000474-62-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
Operator : SJ/MA
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ALS Vial : 6 Sample Multiplier: 1

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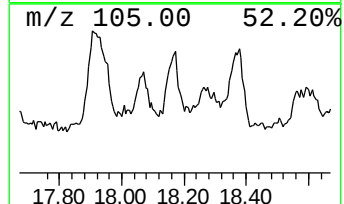
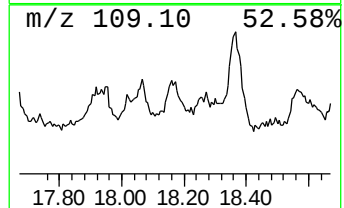
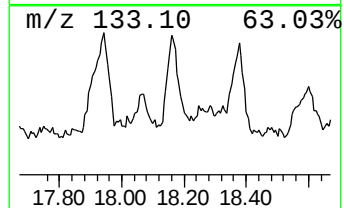
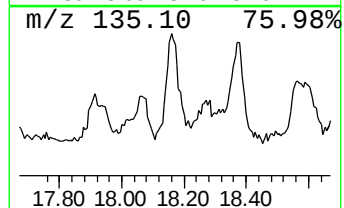
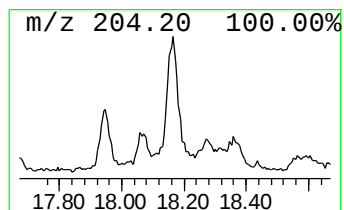
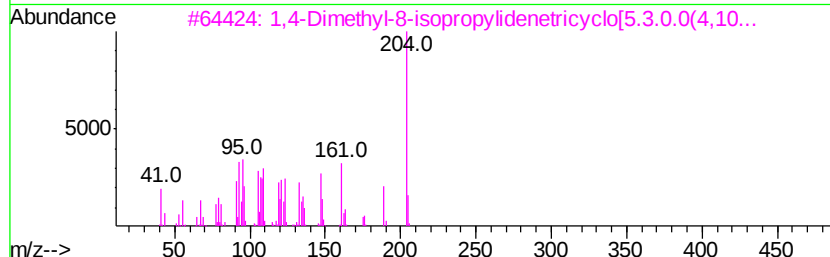
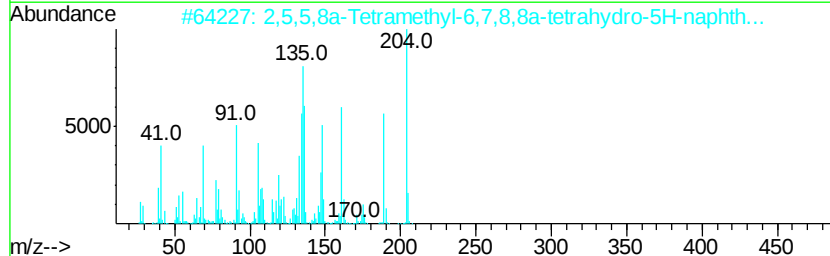
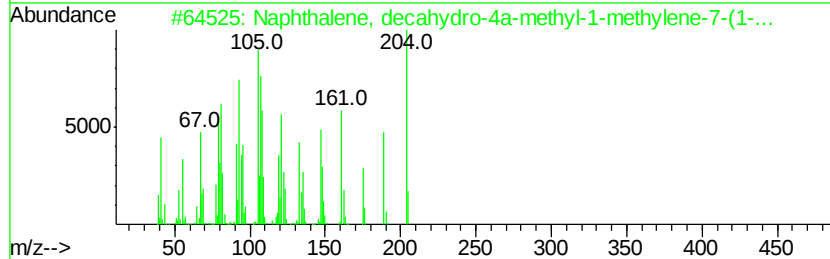
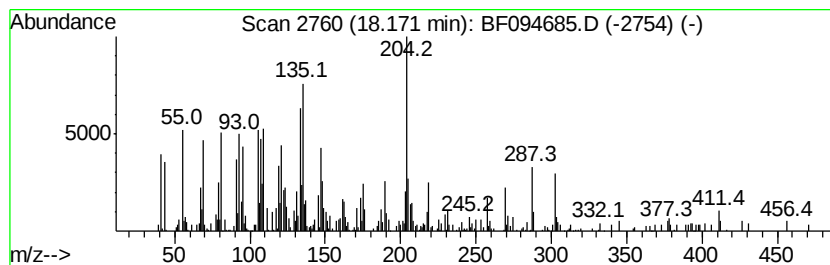
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, decahydro-4a-m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	37.26 ng	641438	Perylene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	55
2		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	45
3		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	43
4		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
5		perfluoroacyl derivative of 3,4-...	339	C14H14F5N03	1000373-96-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
Data File : BF094685.D
Acq On : 28 Apr 2017 16:00
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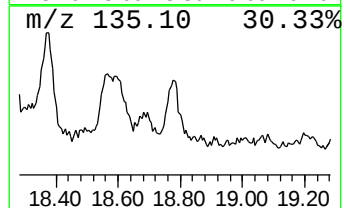
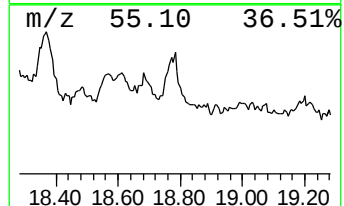
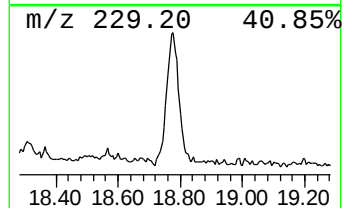
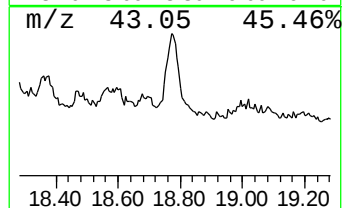
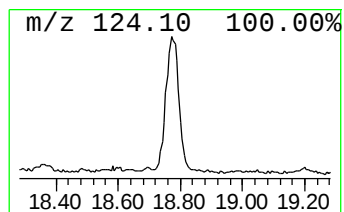
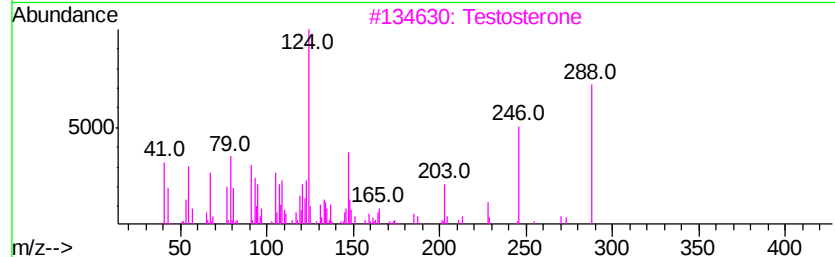
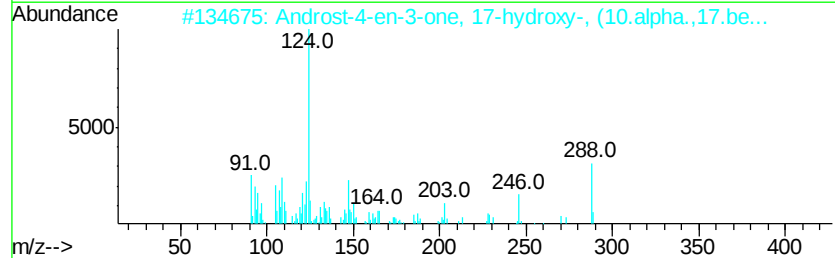
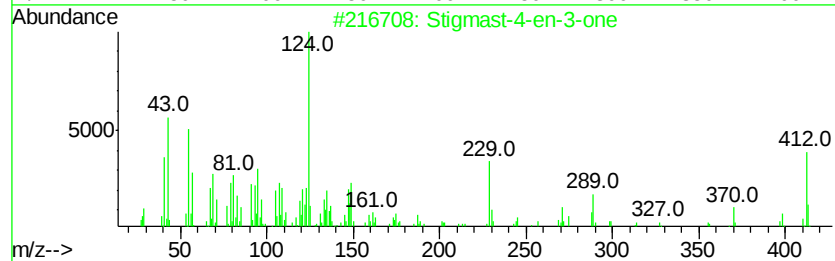
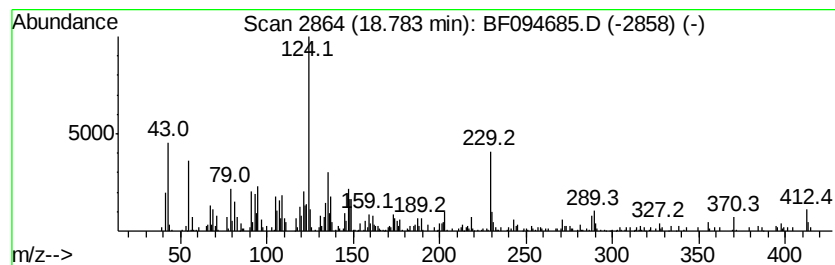
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	50.41 ng	867724	Perylene-d12	16.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	83
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	66
3		Testosterone	288	C19H28O2	000058-22-0	41
4		Thiophene-2-sulfonic acid, (3-fl...	271	C11H10FN02S2	1000311-21-1	38
5		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
 Data File : BF094685.D
 Acq On : 28 Apr 2017 16:00
 Operator : SJ/MA
 Sample : I2828-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-COMPOST-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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...	3.92	9.5 ng		253382	1	5.77	534207	20.0
unknown5.52	5.52	89.3 ng		2384370	1	5.77	534207	20.0
1-Nonanol, 4,8-di...	10.73	4.8 ng		144904	4	11.22	598328	20.0
Tetradecanoic acid	10.89	2.6 ng		77066	4	11.22	598328	20.0
2-Pentadecanone, ...	11.36	4.1 ng		123885	4	11.22	598328	20.0
n-Hexadecanoic acid	11.97	28.7 ng		859787	4	11.22	598328	20.0
Octadecanoic acid	12.92	9.9 ng		260106	5	14.47	525818	20.0
4,8,12,16-Tetrame...	13.79	3.5 ng		93378	5	14.47	525818	20.0
Methyl dehydroabi...	13.82	3.4 ng		89636	5	14.47	525818	20.0
1,3-Benzenediol, ...	13.92	2.2 ng		58716	5	14.47	525818	20.0
3-Eicosene, (E)-	14.36	9.0 ng		235844	5	14.47	525818	20.0
Tridecane, 1-iodo-	15.87	38.3 ng		660059	6	16.10	344289	20.0
Octadecanal	16.38	12.0 ng		206675	6	16.10	344289	20.0
.gamma.-Tocopherol	16.48	26.9 ng		463326	6	16.10	344289	20.0
dl-.alpha.-Tocoph...	16.80	35.5 ng		610744	6	16.10	344289	20.0
.gamma.-Sitosterol	17.91	69.2 ng		1191480	6	16.10	344289	20.0
Naphthalene, deca...	18.17	37.3 ng		641438	6	16.10	344289	20.0
Stigmast-4-en-3-one	18.78	50.4 ng		867724	6	16.10	344289	20.0