

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094684.D
 Acq On : 28 Apr 2017 15:32
 Operator : SJ/MA
 Sample : I2825-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-COMPOST-2

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	334	338	346	rBV	200142	242284	10.35%	0.760%
2	4.319	401	405	421	rBV	2020698	2162580	92.38%	6.781%
3	5.390	582	587	598	rBV	2172062	2340981	100.00%	7.340%
4	5.519	604	609	612	rBV	2493542	2311767	98.75%	7.249%
5	5.766	647	651	656	rBV	642956	562458	24.03%	1.764%
6	5.943	677	681	684	rBV	2003150	1776775	75.90%	5.571%
7	6.413	756	761	765	rBV	1425134	1417920	60.57%	4.446%
8	6.995	857	860	869	rBV4	14085	29872	1.28%	0.094%
9	7.260	901	905	909	rBV	822258	762806	32.58%	2.392%
10	7.448	931	937	941	rBV3	15469	26174	1.12%	0.082%
11	8.578	1125	1129	1133	rBV	2333117	2304609	98.45%	7.226%
12	9.084	1211	1215	1218	rBV	351257	312173	13.34%	0.979%
13	9.389	1260	1267	1273	rBV2	734978	794465	33.94%	2.491%
14	9.566	1291	1297	1303	rBV2	38739	53615	2.29%	0.168%
15	9.725	1318	1324	1329	rBV6	24494	38912	1.66%	0.122%
16	9.989	1365	1369	1373	rVB	36340	34461	1.47%	0.108%
17	10.260	1408	1415	1419	rBV5	13373	26962	1.15%	0.085%
18	10.366	1429	1433	1441	rBV	1054640	1167818	49.89%	3.662%
19	10.572	1464	1468	1470	rBV	43761	42352	1.81%	0.133%
20	10.730	1491	1495	1502	rBV	77344	95371	4.07%	0.299%
21	10.889	1519	1522	1525	rBV4	35415	40172	1.72%	0.126%
22	11.125	1559	1562	1565	rVB	33545	31609	1.35%	0.099%
23	11.213	1573	1577	1585	rBV	664682	747295	31.92%	2.343%
24	11.325	1592	1596	1599	rBV2	52893	55642	2.38%	0.174%
25	11.354	1599	1601	1606	rVB	104860	98404	4.20%	0.309%
26	11.454	1616	1618	1624	rVB5	18753	25901	1.11%	0.081%
27	11.554	1632	1635	1639	rVB5	28555	33665	1.44%	0.106%
28	11.654	1649	1652	1657	rBV	29143	35379	1.51%	0.111%
29	11.713	1659	1662	1664	rBV	41279	42073	1.80%	0.132%
30	11.860	1684	1687	1691	rVB5	24845	24923	1.06%	0.078%
31	11.901	1691	1694	1699	rBV3	41349	45728	1.95%	0.143%
32	11.954	1699	1703	1717	rVB2	364366	484796	20.71%	1.520%
33	12.066	1720	1722	1726	rVV4	36487	33798	1.44%	0.106%
34	12.160	1734	1738	1742	rVB3	23346	29144	1.24%	0.091%

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35	12.583	1807	1810	1814	rVB6	27795	36162	1.54%	0.113%
36	12.707	1826	1831	1837	rVB2	160591	199168	8.51%	0.625%
37	12.777	1841	1843	1847	rVB4	29056	26540	1.13%	0.083%
38	12.819	1847	1850	1852	rBV3	29526	33653	1.44%	0.106%
39	12.919	1864	1867	1874	rBV	156033	203307	8.68%	0.637%
40	12.977	1874	1877	1881	rVB	116155	137365	5.87%	0.431%
41	13.189	1908	1913	1917	rBV	1365745	1450557	61.96%	4.548%
42	13.695	1996	1999	2002	rBV4	32480	49007	2.09%	0.154%
43	13.730	2003	2005	2011	rVB7	48951	57183	2.44%	0.179%
44	13.789	2011	2015	2017	rBV	64562	70356	3.01%	0.221%
45	13.824	2018	2021	2027	rVB	71236	89834	3.84%	0.282%
46	13.919	2035	2037	2042	rBV	52540	63559	2.72%	0.199%
47	14.318	2102	2105	2108	rBV	33659	39811	1.70%	0.125%
48	14.354	2108	2111	2118	rVV3	183349	284540	12.15%	0.892%
49	14.466	2126	2130	2134	rBV	564596	642359	27.44%	2.014%
50	15.142	2241	2245	2254	rBV	323648	433900	18.53%	1.361%
51	15.577	2316	2319	2322	rVB	100245	110128	4.70%	0.345%
52	15.660	2329	2333	2336	rBV2	124819	159577	6.82%	0.500%
53	15.718	2337	2343	2350	rVB3	127812	336574	14.38%	1.055%
54	15.860	2363	2367	2376	rVB	425083	546587	23.35%	1.714%
55	15.983	2386	2388	2391	rBV2	69804	82011	3.50%	0.257%
56	16.071	2400	2403	2405	rBV	195628	232120	9.92%	0.728%
57	16.095	2405	2407	2411	rVB	386850	410408	17.53%	1.287%
58	16.377	2452	2455	2457	rBV	162865	190752	8.15%	0.598%
59	16.471	2467	2471	2479	rVB2	253763	404891	17.30%	1.270%
60	16.583	2487	2490	2494	rBV	165600	204642	8.74%	0.642%
61	16.630	2495	2498	2502	rVB	173696	224122	9.57%	0.703%
62	16.795	2522	2526	2532	rVB2	374122	578585	24.72%	1.814%
63	16.871	2535	2539	2548	rVB4	269957	517188	22.09%	1.622%
64	17.265	2602	2606	2613	rVB	180243	292641	12.50%	0.918%
65	17.901	2708	2714	2718	rBV3	428862	1038751	44.37%	3.257%
66	18.154	2751	2757	2765	rBV2	412606	905259	38.67%	2.839%
67	18.354	2786	2791	2804	rVB4	578036	1619950	69.20%	5.080%
68	18.553	2820	2825	2827	rBV3	224100	396513	16.94%	1.243%
69	18.671	2840	2845	2852	rVB3	269359	620203	26.49%	1.945%
70	18.765	2854	2861	2873	rVB2	381031	970656	41.46%	3.044%

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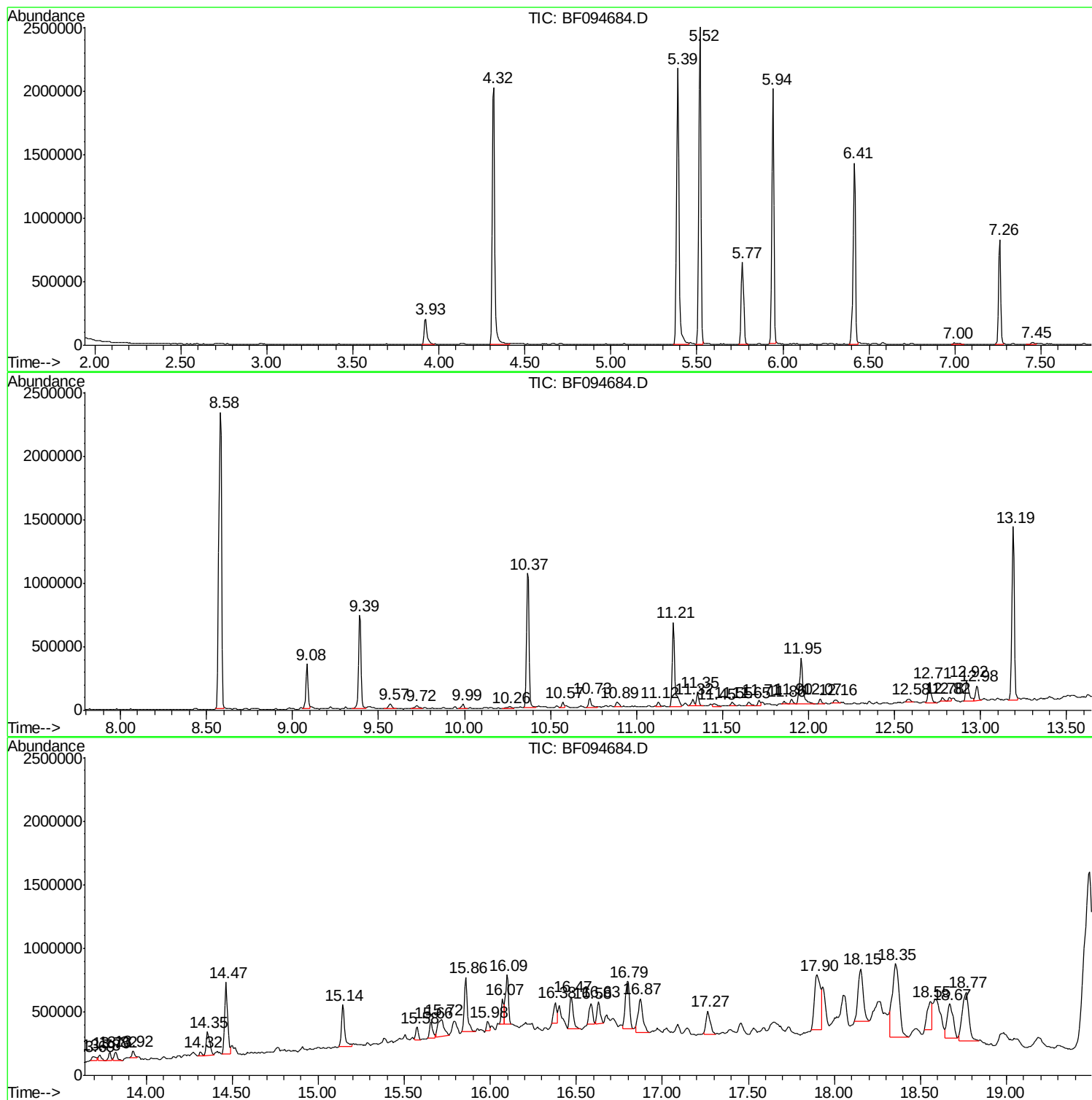
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampleId :
EME-COMPOST-2

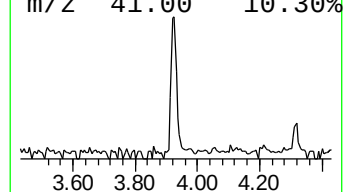
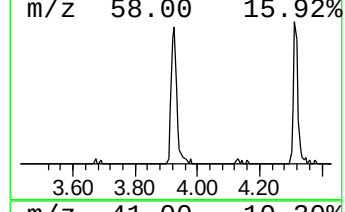
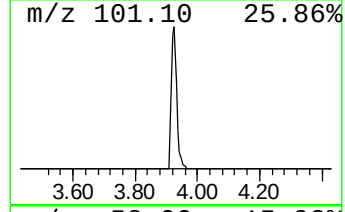
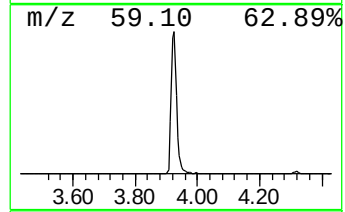
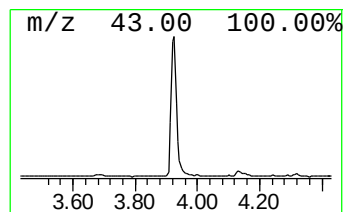
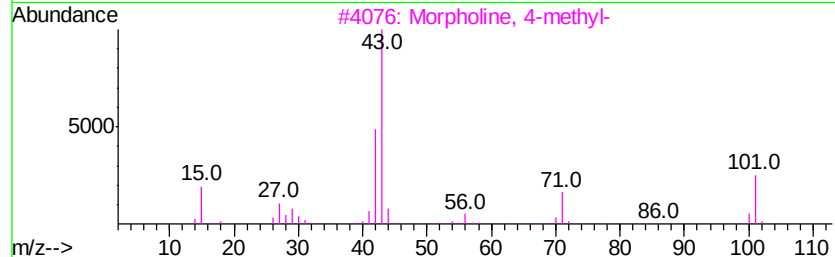
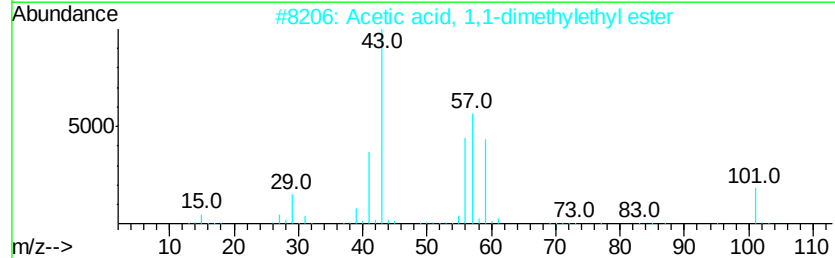
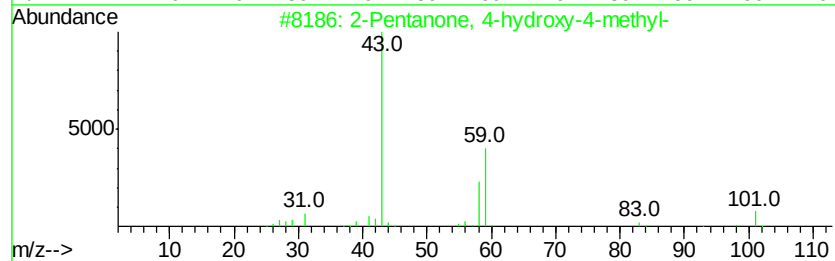
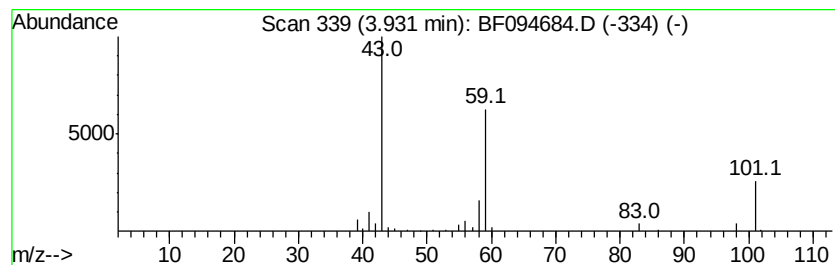
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	8.62 ng	242284	1,4-Dichlorobenzene-d4	5.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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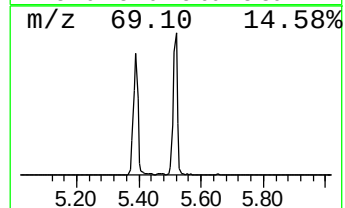
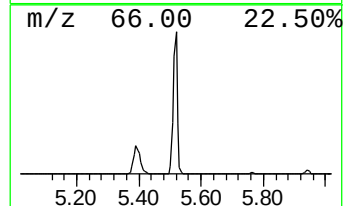
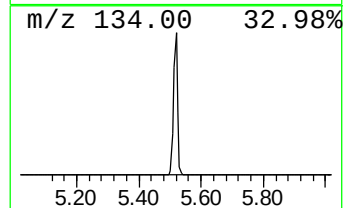
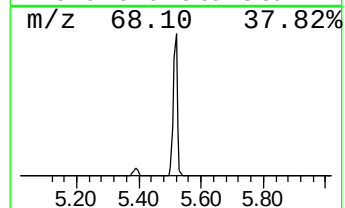
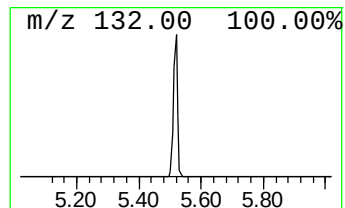
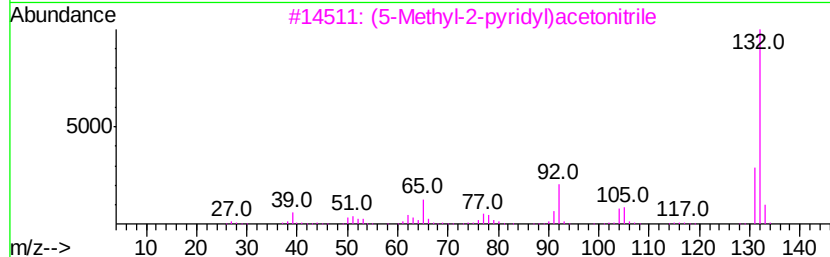
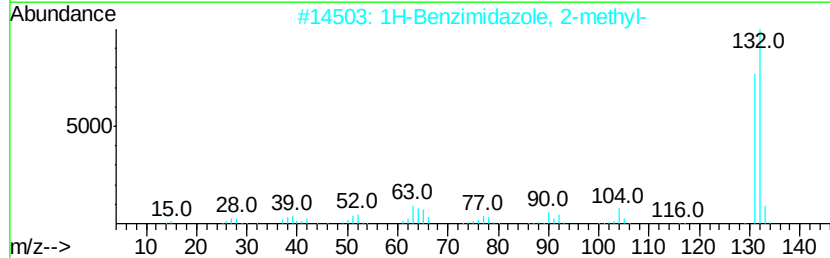
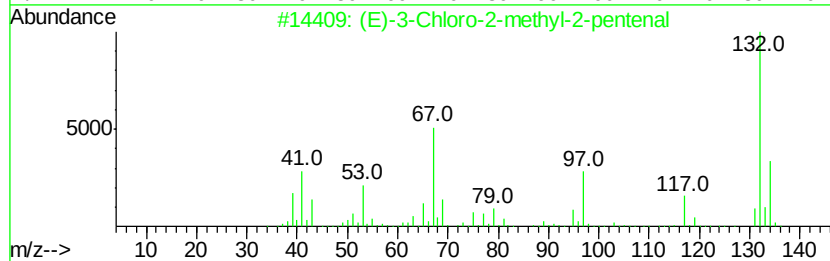
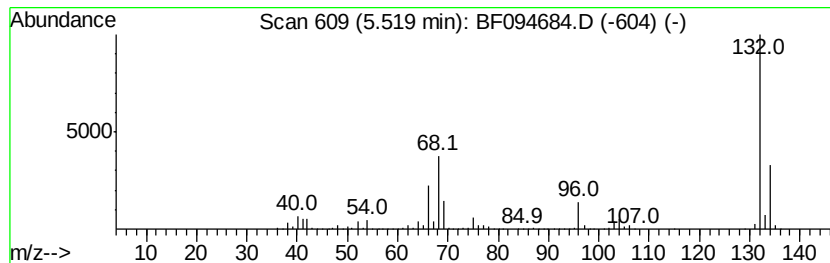
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown5.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	82.20 ng	2311770	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	12
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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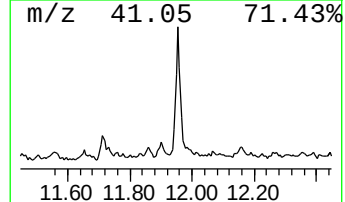
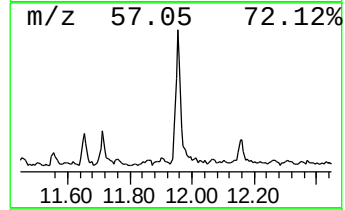
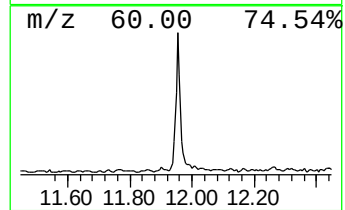
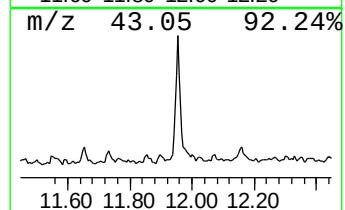
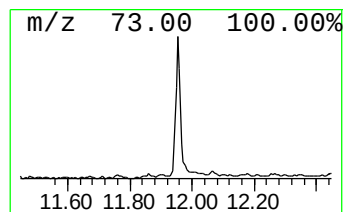
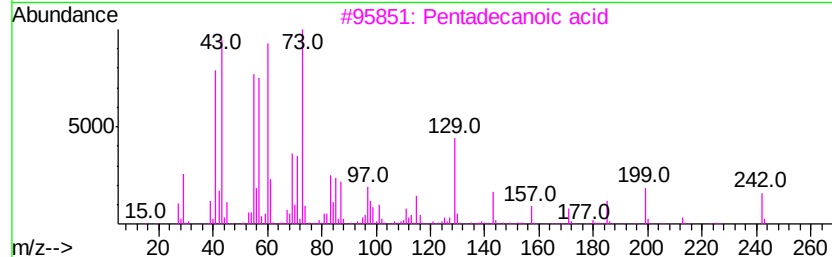
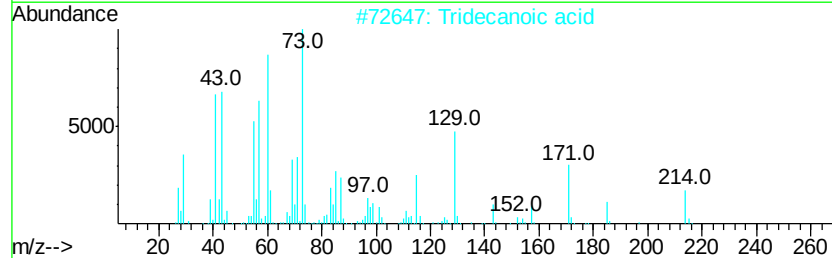
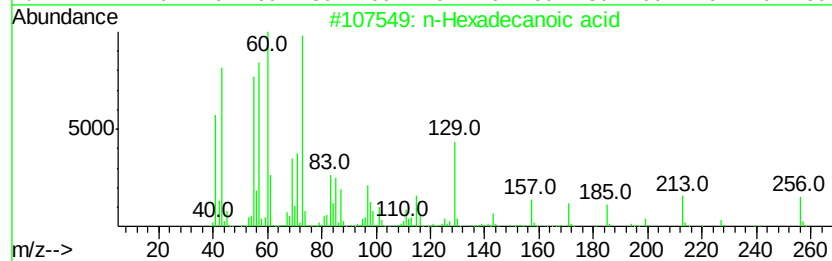
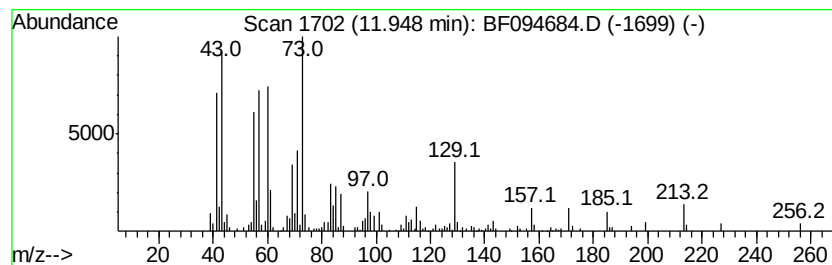
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	12.97 ng	484796	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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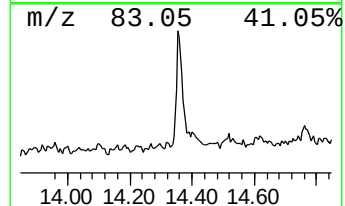
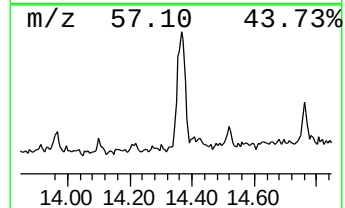
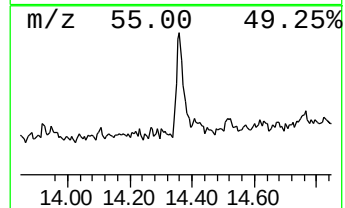
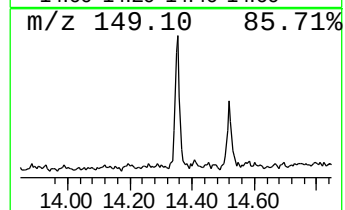
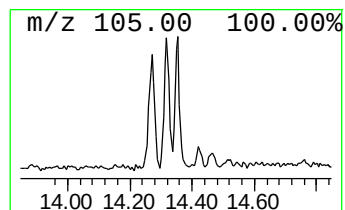
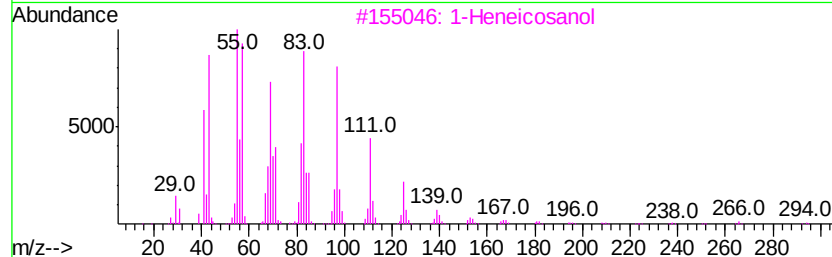
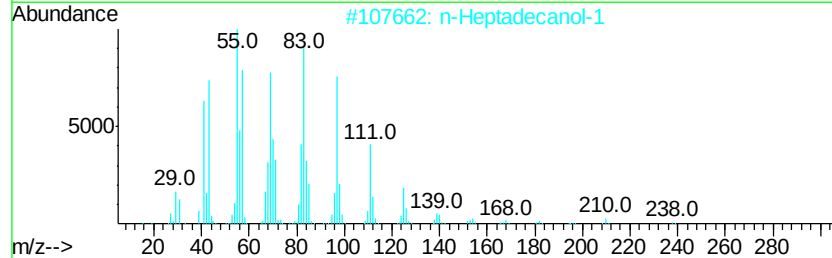
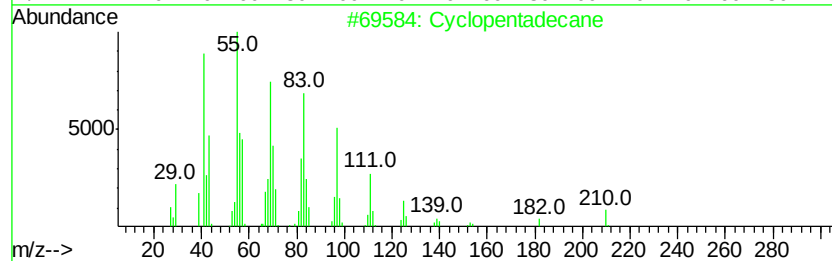
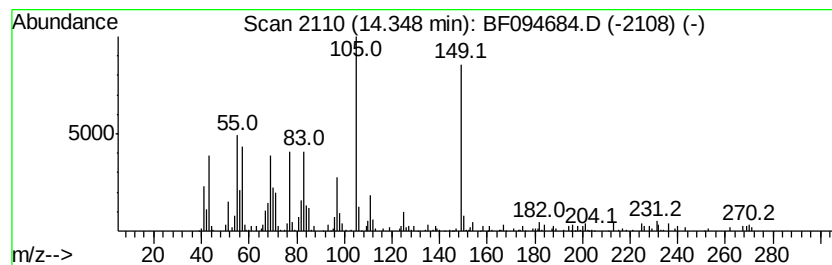
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclopentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	8.86 ng	284540	Chrysene-d12	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	95
2		n-Heptadecanol-1	256	C17H36O	001454-85-9	90
3		1-Heneicosanol	312	C21H44O	015594-90-8	90
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	86
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	83



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Data File : BF094684.D
Acq On : 28 Apr 2017 15:32
Operator : SJ/MA
Sample : I2825-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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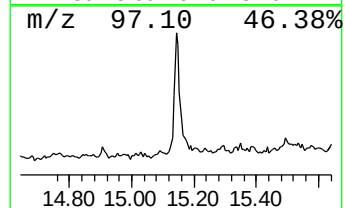
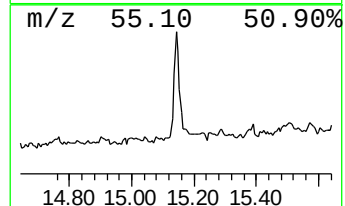
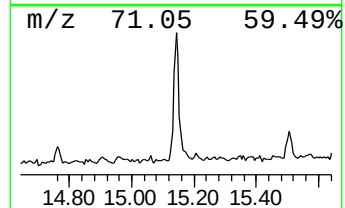
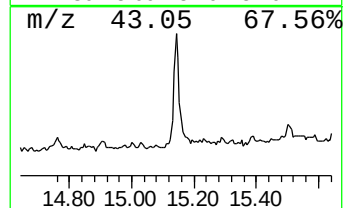
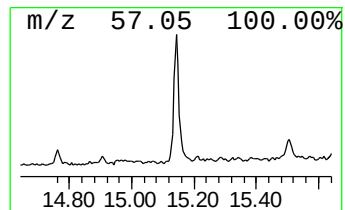
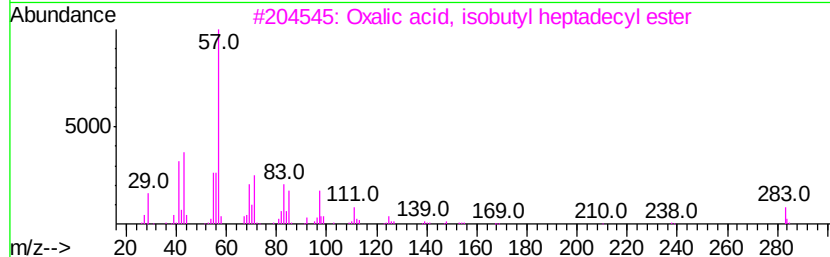
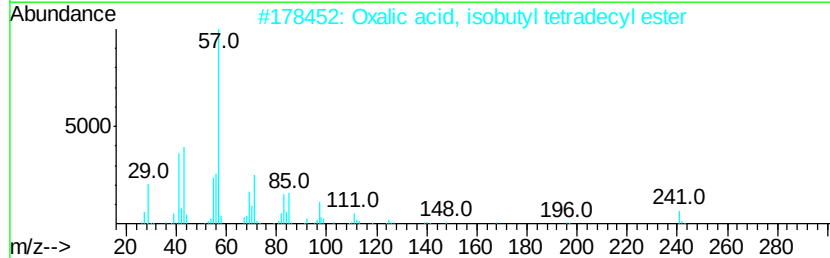
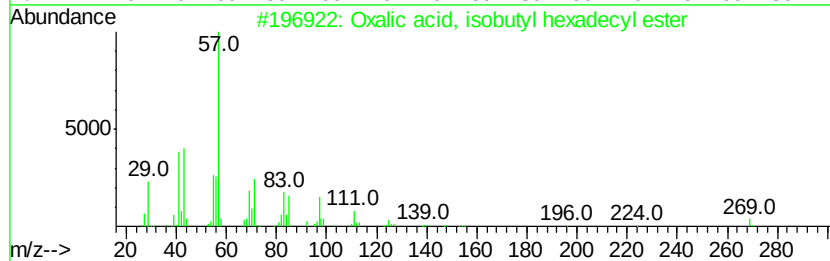
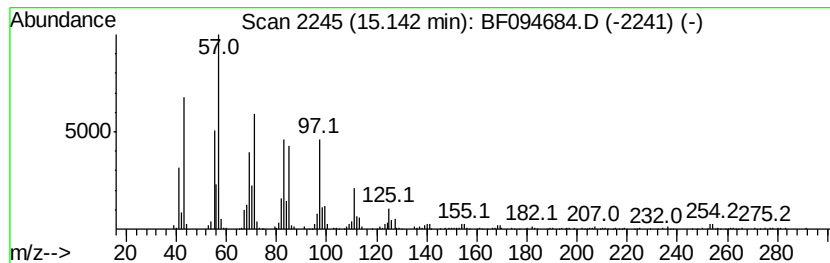
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Oxalic acid, isobutyl hexadecyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	13.51 ng	433900	Chrysene-d12	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
3		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
4		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
5		Z-5-Nonadecene	266	C19H38	1000131-11-8	70



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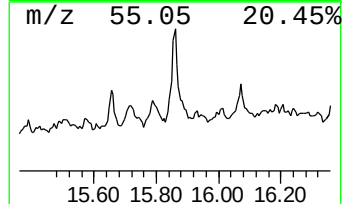
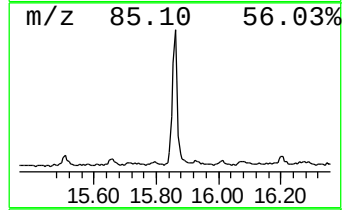
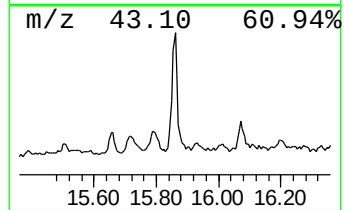
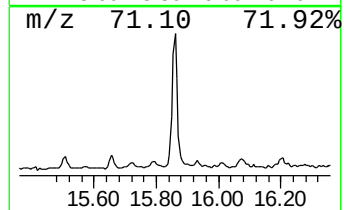
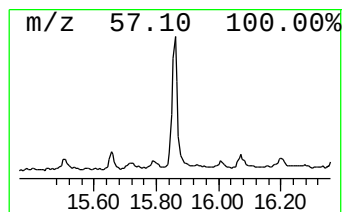
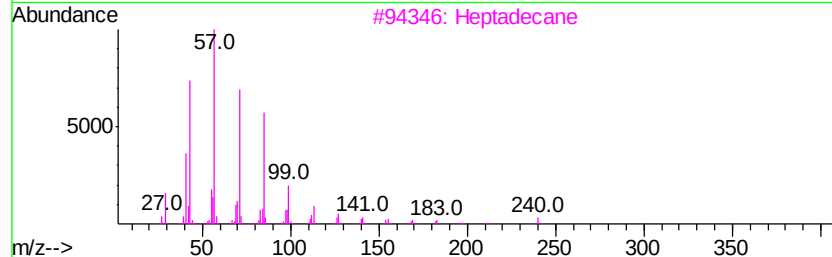
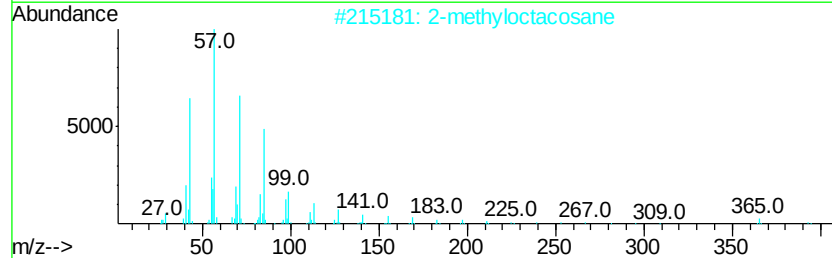
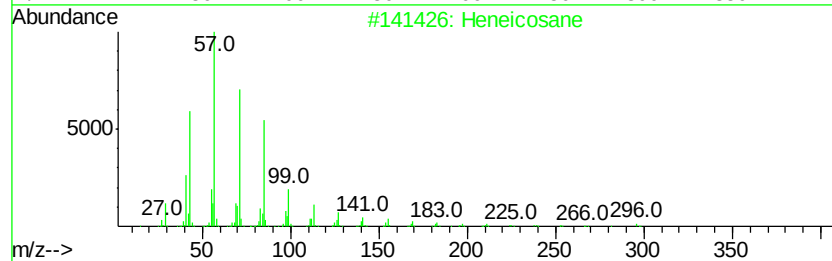
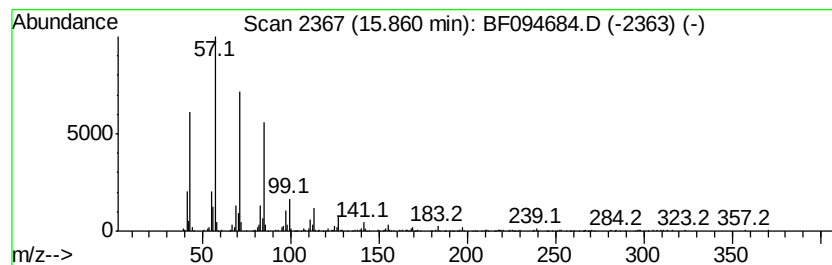
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	26.64 ng	546587	Perylene-d12	16.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	2-methyloctacosane	408 C29H60	1000376-72-8	91
3	Heptadecane	240 C17H36	000629-78-7	91
4	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	90
5	Tetradecane, 4-ethyl-	226 C16H34	055045-14-2	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
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Sample : I2825-01
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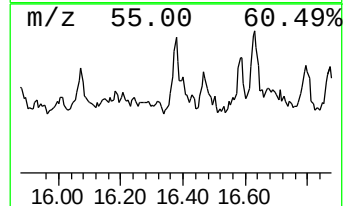
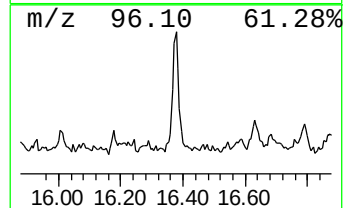
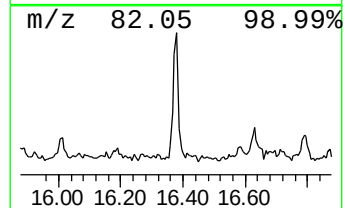
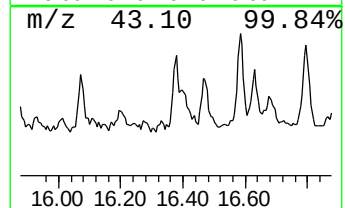
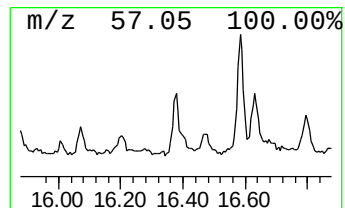
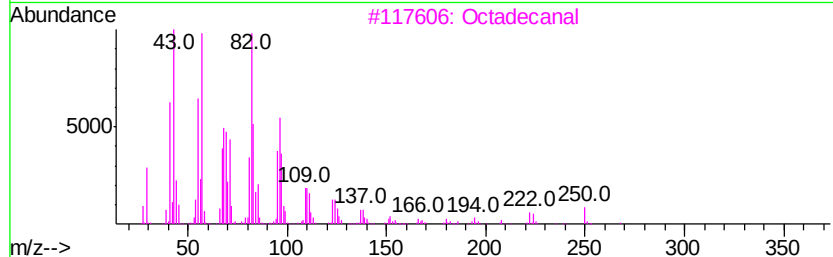
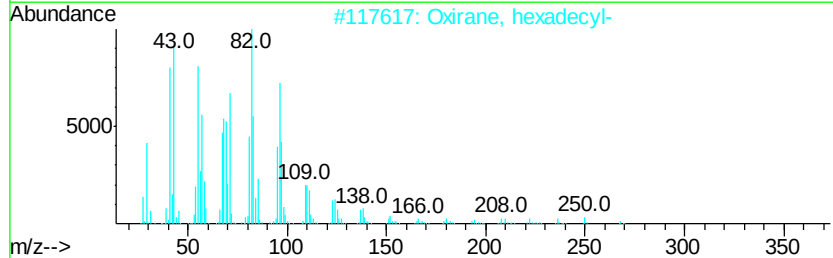
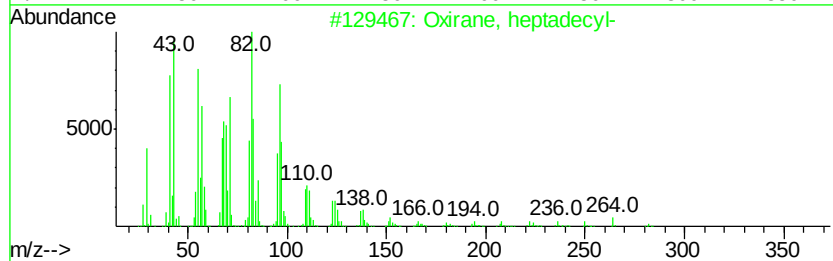
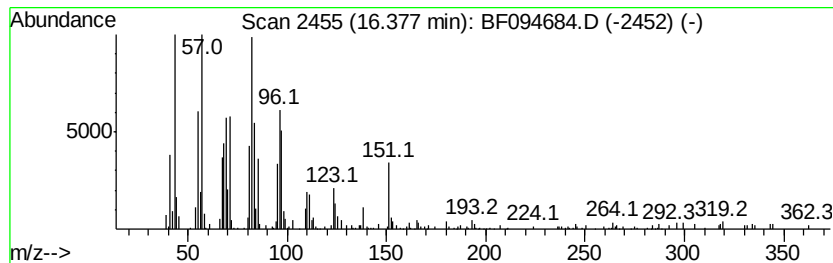
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxirane, heptadecyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	9.30 ng	190752	Perylene-d12	16.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Oxirane, heptadecyl-	282 C19H38O	067860-04-2 83
2		Oxirane, hexadecyl-	268 C18H36O	007390-81-0 80
3		Octadecanal	268 C18H36O	000638-66-4 72
4		Bicyclo[4.1.0]heptane, 7-butyl-	152 C11H20	018645-10-8 49
5		(Z)-14-Tricosenyl formate	366 C24H46O2	077899-10-6 46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
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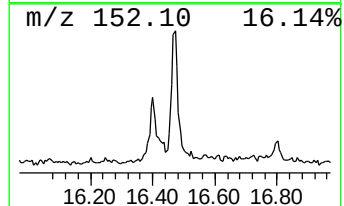
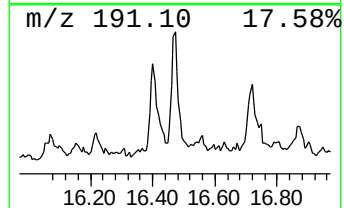
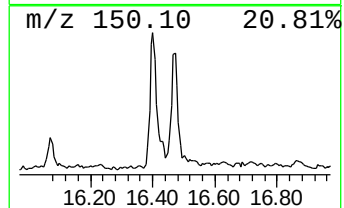
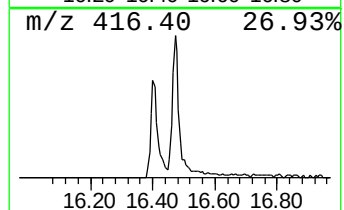
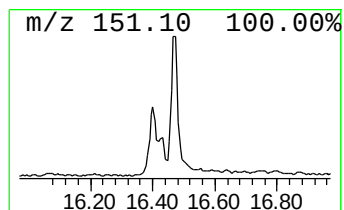
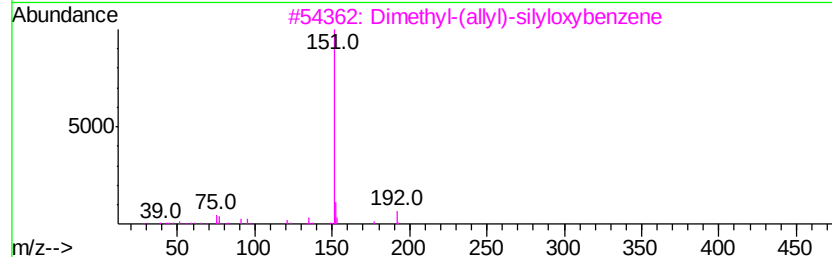
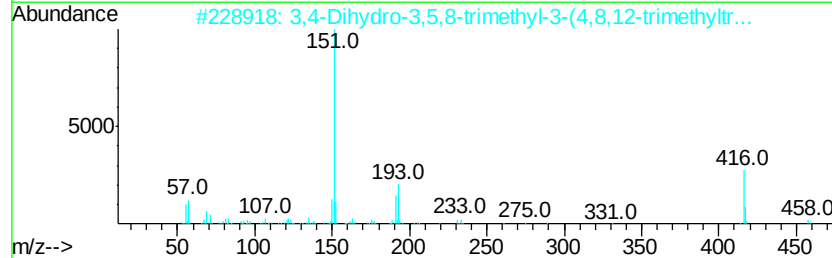
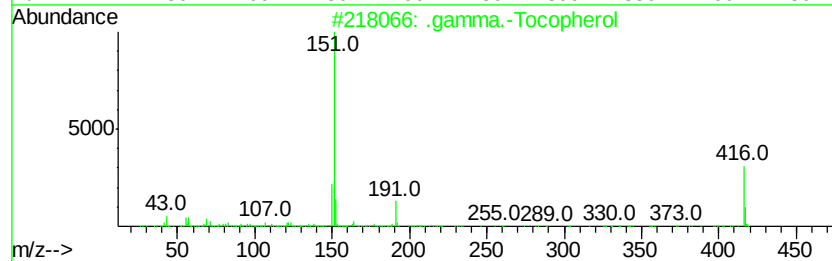
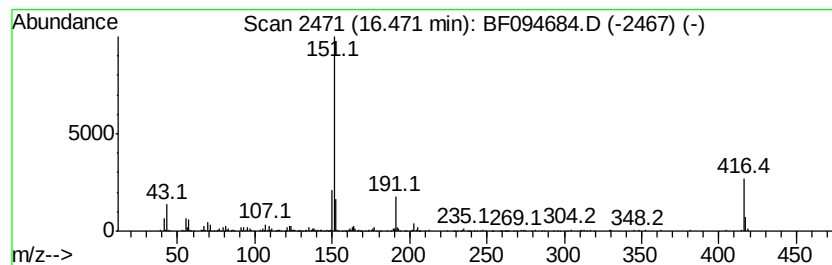
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 .gamma.-Tocopherol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	19.73 ng	404891	Perylene-d12	16.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	96
2		3,4-Dihydro-3,5,8-trimethyl-3-(4...	458	C30H50O3	1000105-71-9	78
3		Dimethyl-(allyl)-silyloxybenzene	192	C11H16OSi	066998-68-3	43
4		Propanoic acid, 3-(3,4-dimethoxy...	281	C15H23NO4	300803-83-2	37
5		4-Phenylsemicarbazide	151	C7H9N3O	000537-47-3	37



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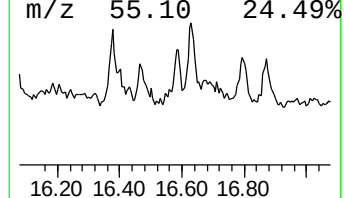
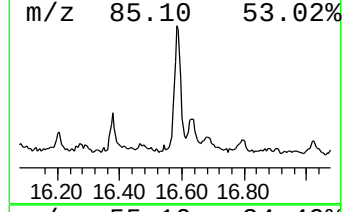
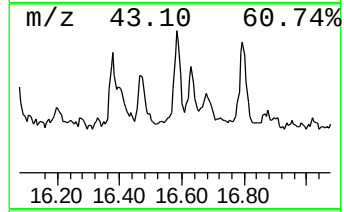
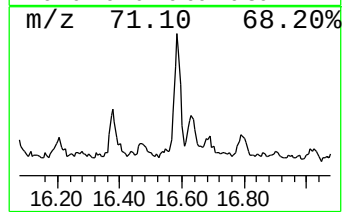
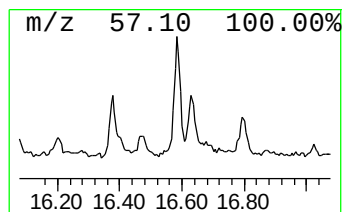
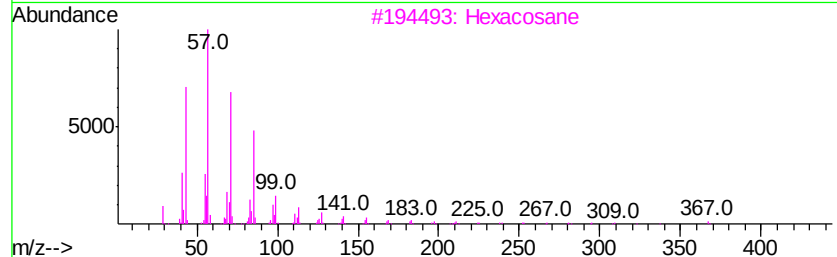
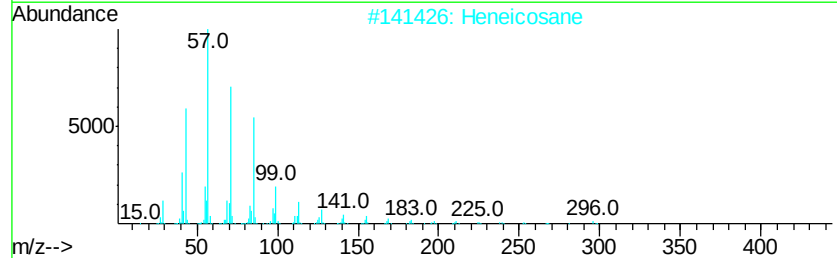
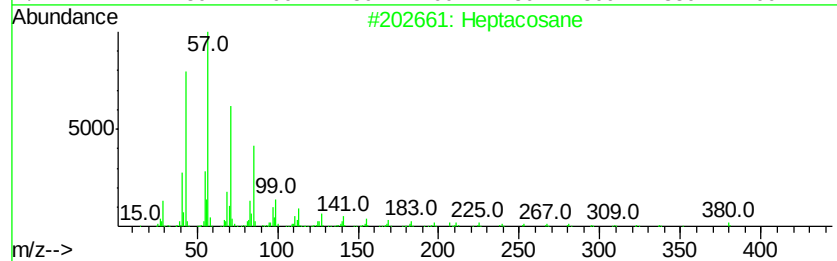
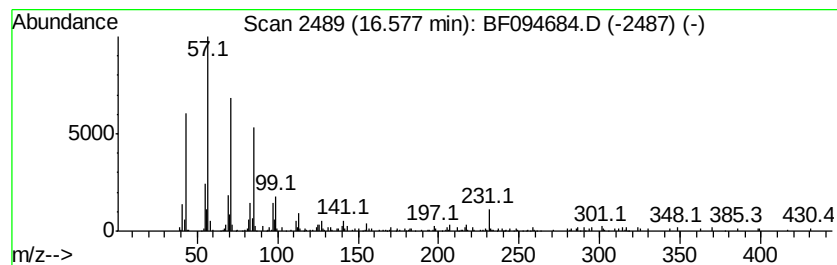
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	9.97 ng	204642	Perylene-d12	16.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	95
2	Heneicosane	296 C21H44	000629-94-7	90
3	Hexacosane	366 C26H54	000630-01-3	87
4	2-Bromotetradecane	276 C14H29Br	074036-95-6	86
5	Octadecane	254 C18H38	000593-45-3	83



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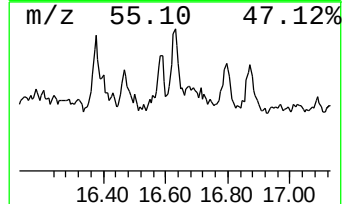
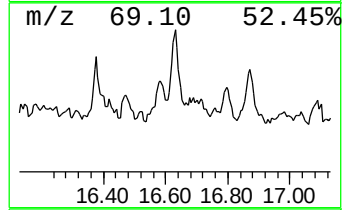
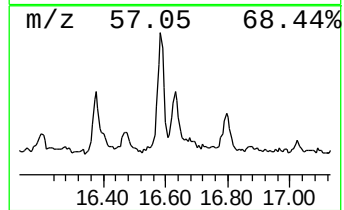
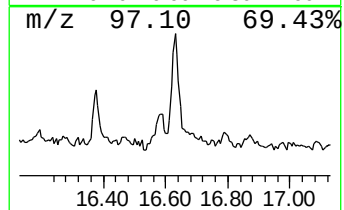
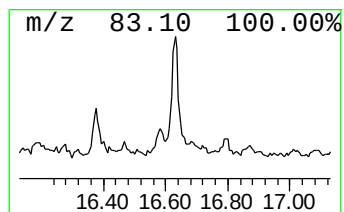
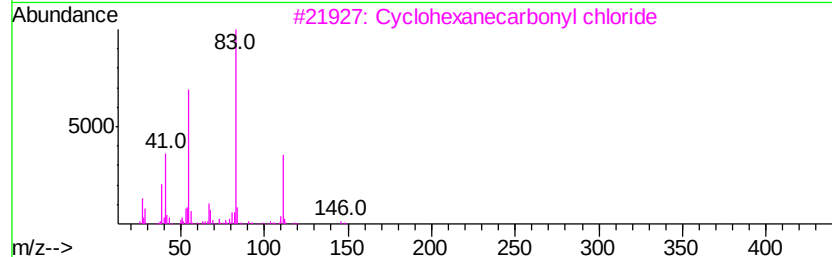
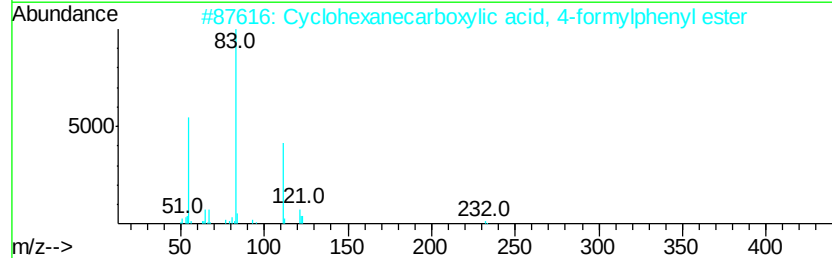
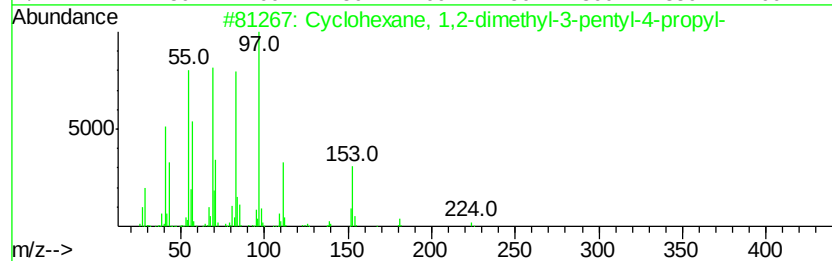
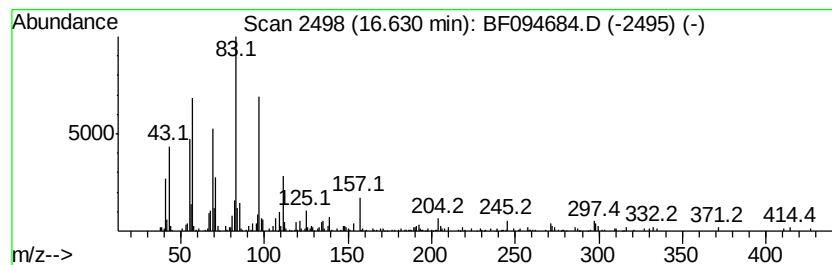
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	10.92 ng	224122	Perylene-d12	16.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	70
2		Cyclohexanecarboxylic acid, 4-fo...	232	C14H16O3	146606-04-4	46
3		Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	43
4		Propanedinitrile, dicyclohexyl-	230	C15H22N2	074764-28-6	38
5		5-Pyrimidinecarboxylic acid, 4-(...	334	C16H22N4O4	1000337-32-1	38



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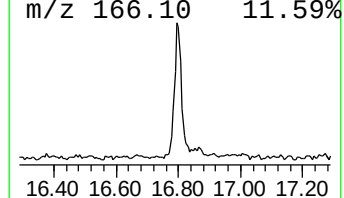
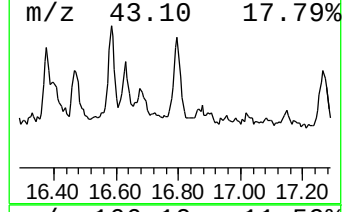
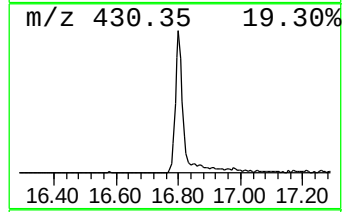
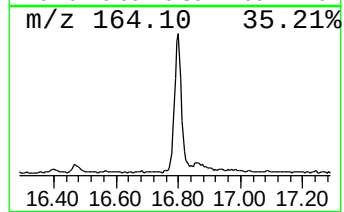
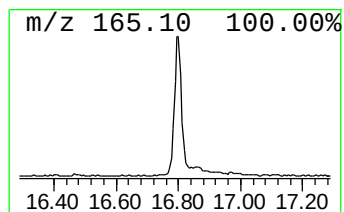
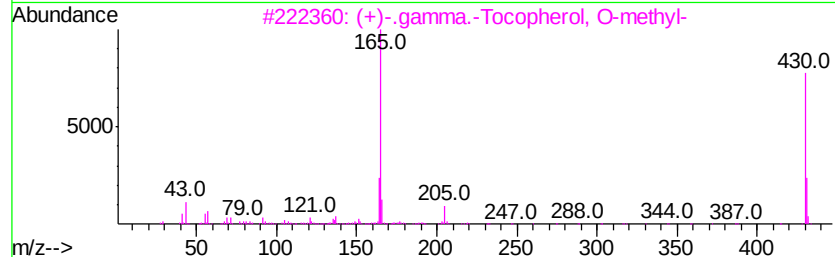
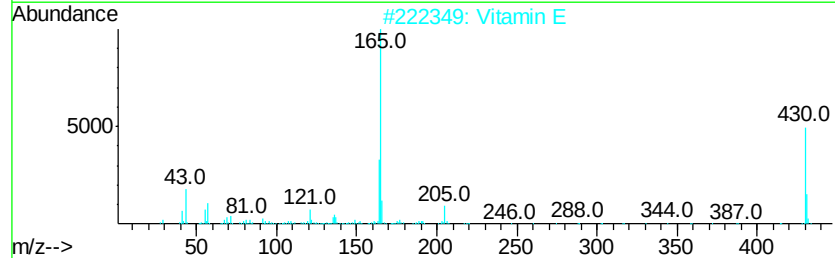
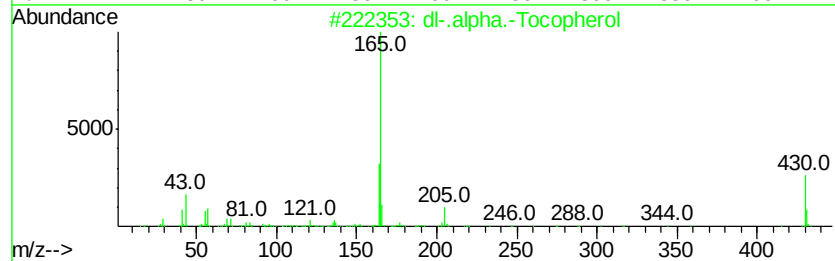
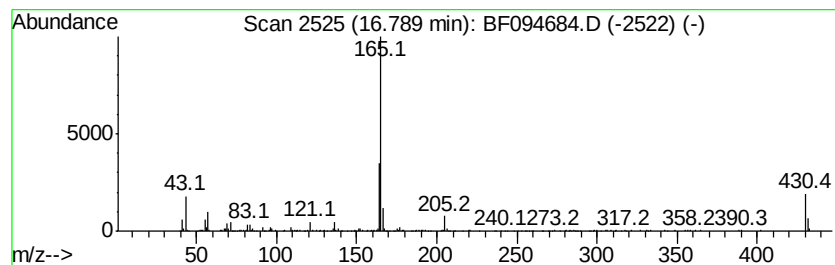
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 dl-.alpha.-Tocopherol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	28.20 ng	578585	Perylene-d12	16.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	98
2		Vitamin E	430	C29H50O2	000059-02-9	95
3		(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	91
4		.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	74
5		4-Amino-3-methoxypyrazolo[3,4-d]...	165	C6H7N5O	111375-22-5	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
Data File : BF094684.D
Acq On : 28 Apr 2017 15:32
Operator : SJ/MA
Sample : I2825-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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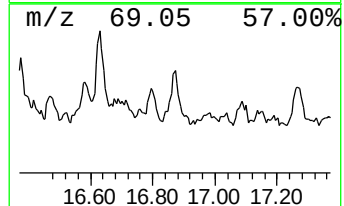
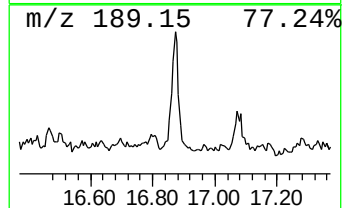
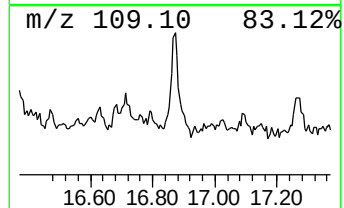
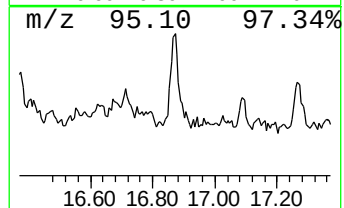
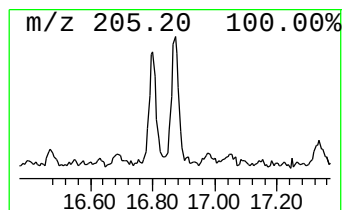
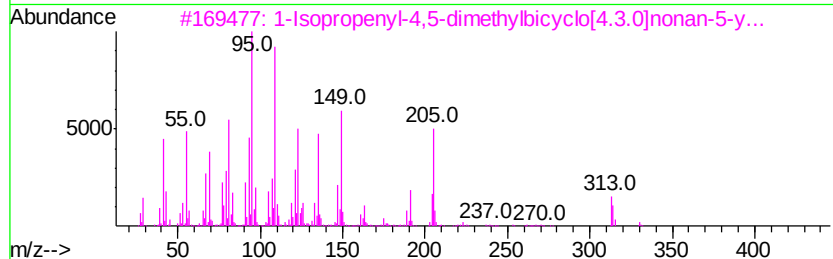
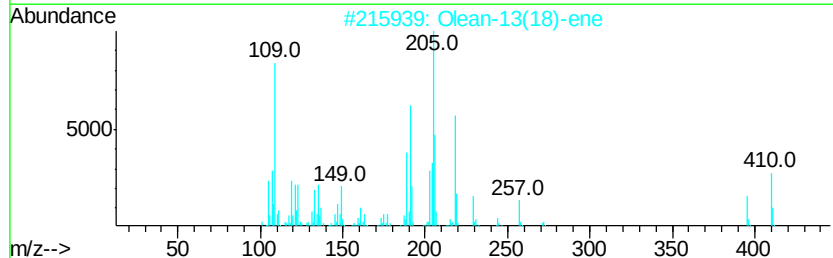
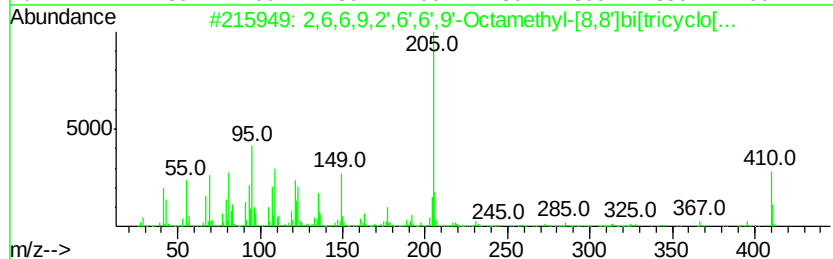
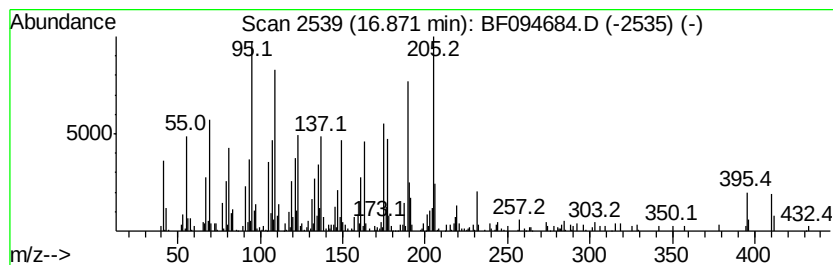
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2,6,6,9,2',6',6',9'-Octameth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	25.20 ng	517188	Perylene-d12	16.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6,6,9,2',6',6',9'-Octamethyl-[-...	410	C30H50	1000189-48-2	70
2		Olean-13(18)-ene	410	C30H50	003399-27-7	32
3		1-Isopropenyl-4,5-dimethylbicyclo...	330	C21H30OS	1000195-85-4	25
4		2,2,4a,6a,8a,9,12b,14a-Octamethyl...	410	C30H50	053013-35-7	25
5		2-Ethylidenehydrazono-3-methyl-2...	205	C10H11N3S	1000147-60-5	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
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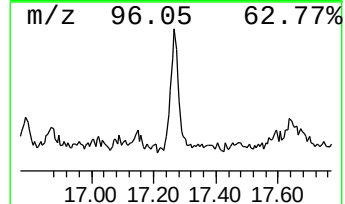
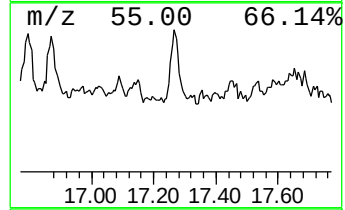
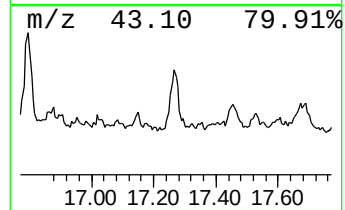
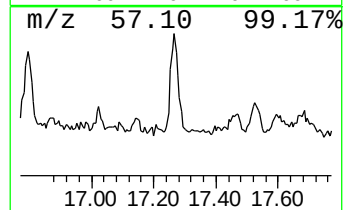
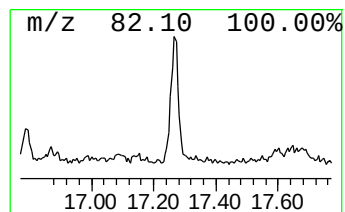
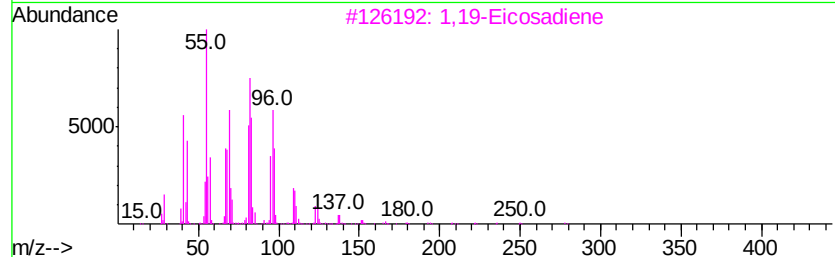
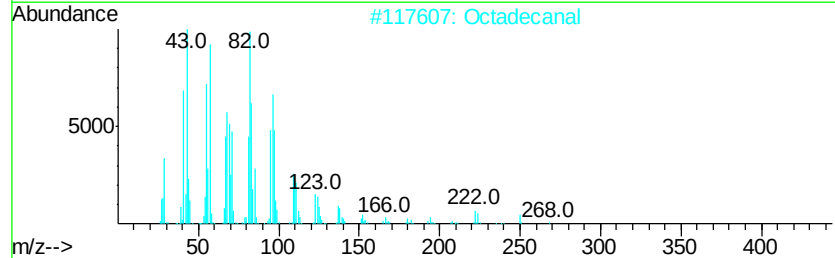
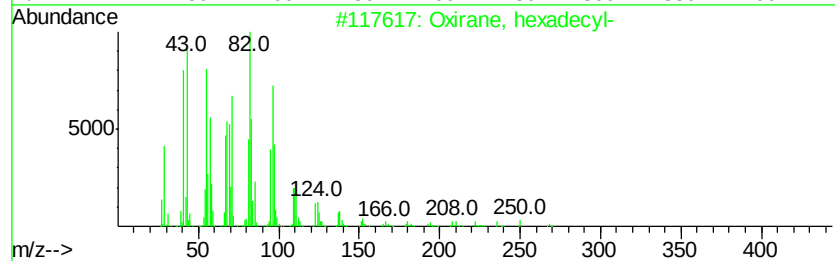
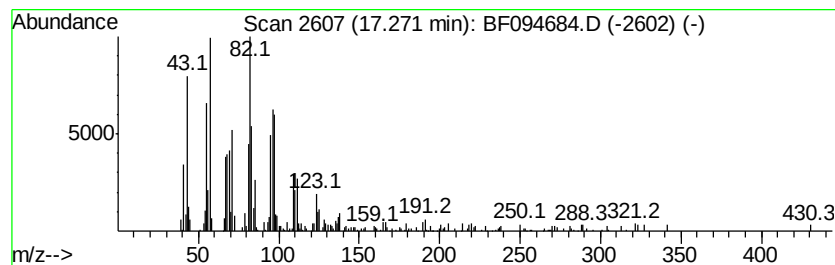
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Oxirane, hexadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	14.26 ng	292641	Perylene-d12	16.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2		Octadecanal	268	C18H36O	000638-66-4	91
3		1,19-Eicosadiene	278	C20H38	014811-95-1	81
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74
5		Pentadecanal	226	C15H30O	002765-11-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
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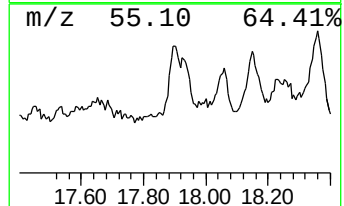
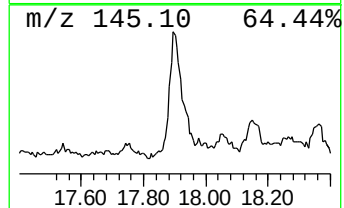
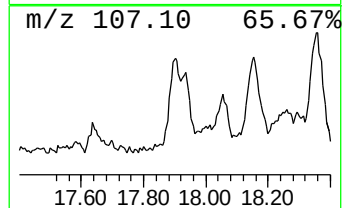
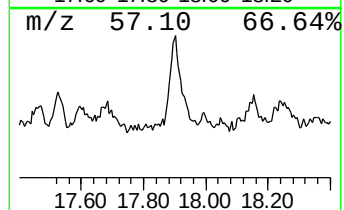
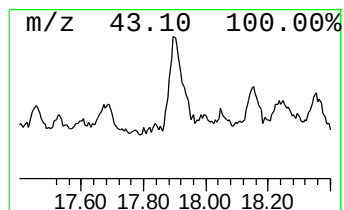
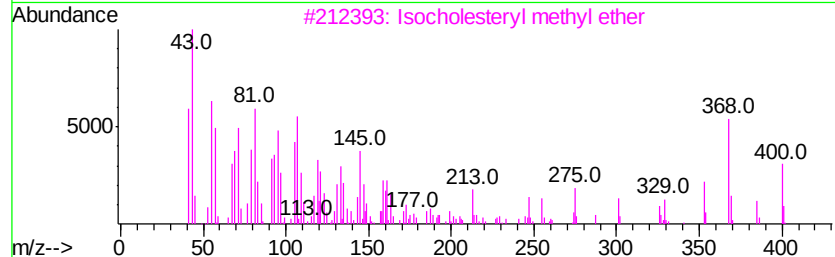
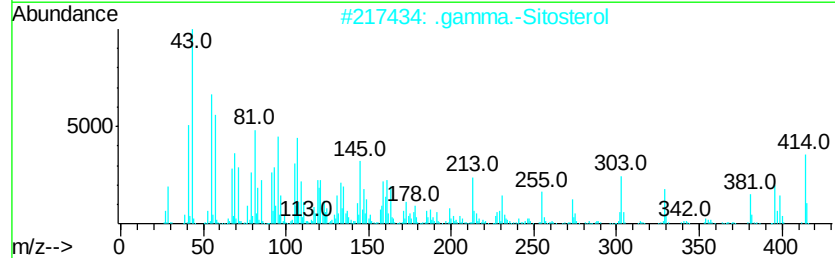
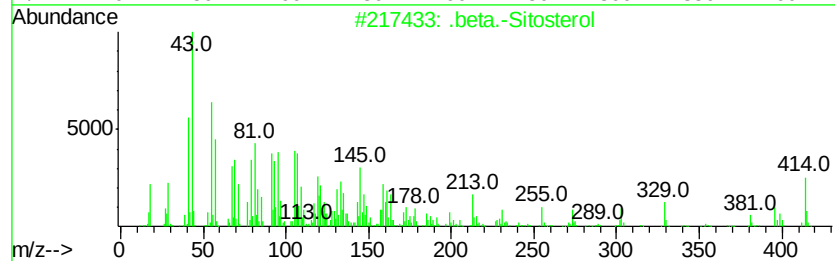
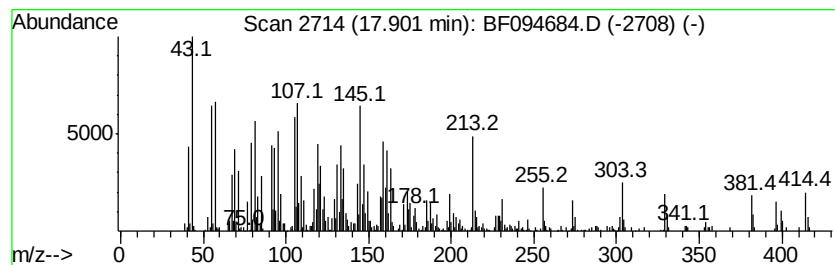
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .beta.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	50.62 ng	1038750	Perylene-d12	16.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 99
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 91
3		Isocholesteryl methyl ether	400 C28H48O	029944-53-4 37
4		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 35
5		5-Cholestene-3-ol, 24-methyl-	400 C28H48O	1000214-17-4 27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
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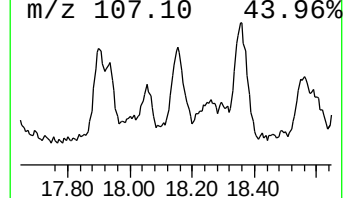
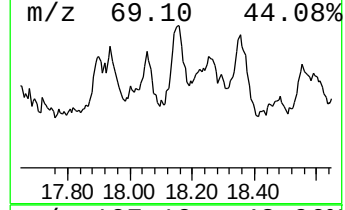
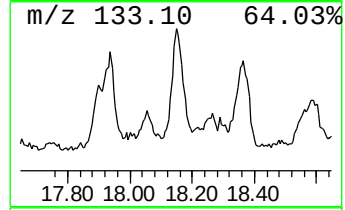
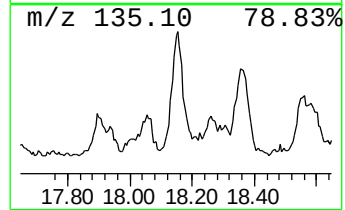
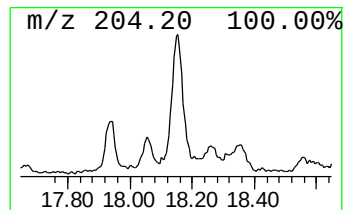
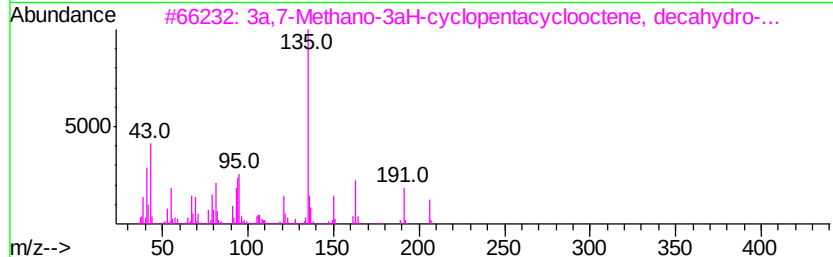
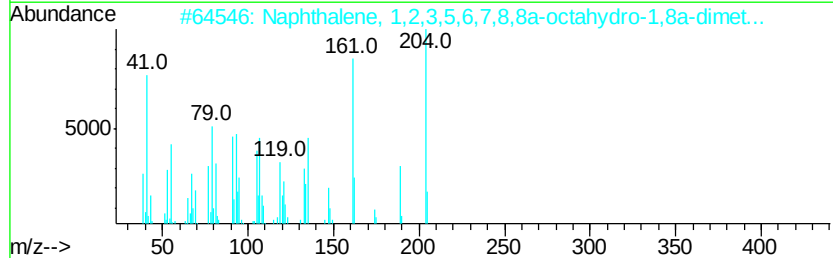
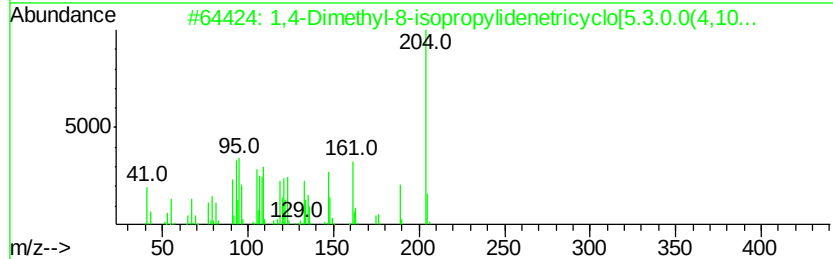
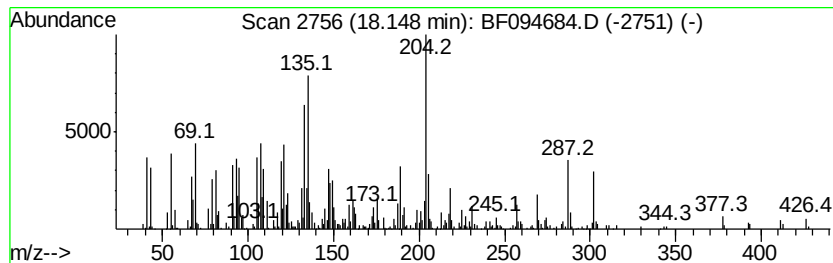
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown18.15 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	44.12 ng	905259	Perylene-d12	16.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204 C15H24	1000140-07-7	46
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204 C15H24	004630-07-3	38
3	3a,7-Methano-3aH-cyclopentacyclo...	206 C15H26	000469-91-0	30
4	Butanedioic acid monoamide monoh...	355 C20H22FN3O2	1000295-44-6	25
5	Hexestrol	270 C18H22O2	000084-16-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
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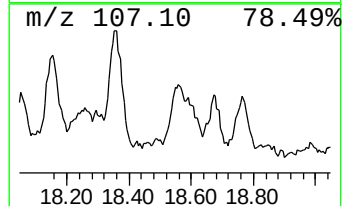
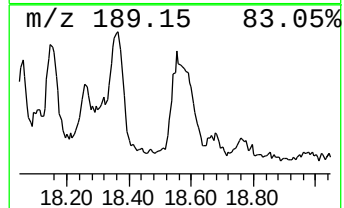
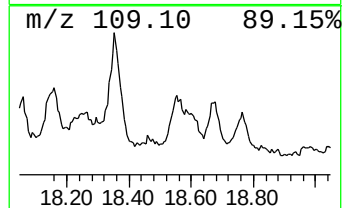
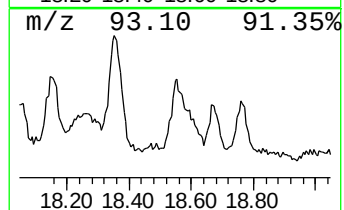
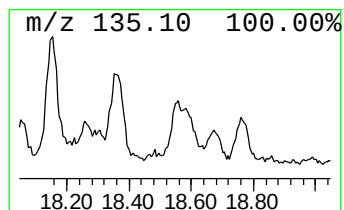
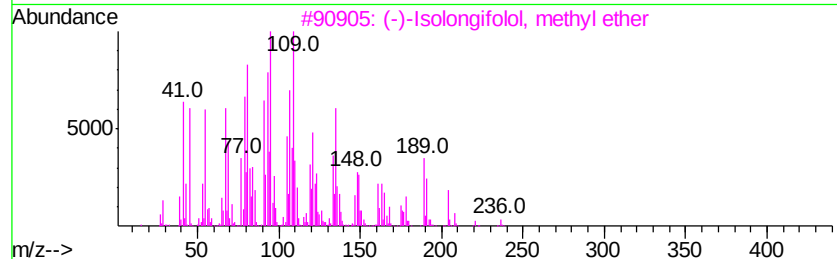
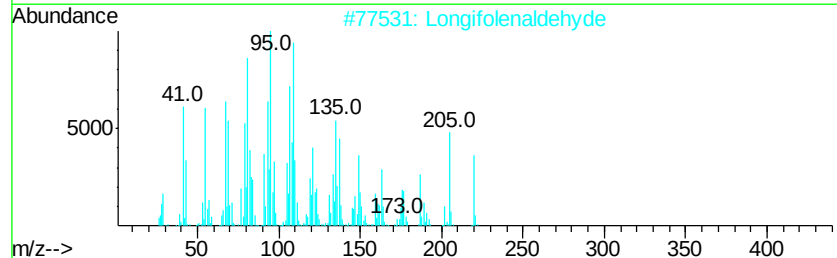
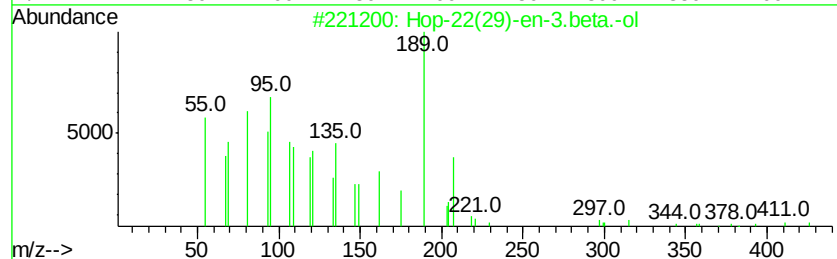
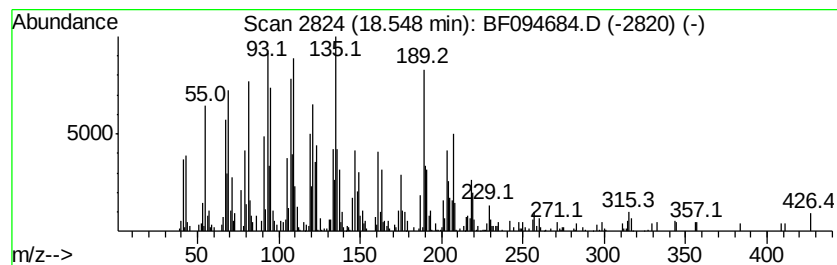
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hop-22(29)-en-3.beta.-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	19.32 ng	396513	Perylene-d12	16.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	55
2		Longifolenaldehyde	220	C15H24O	019890-84-7	50
3		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	41
4		6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	35
5		Taraxasterol	426	C30H50O	001059-14-9	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
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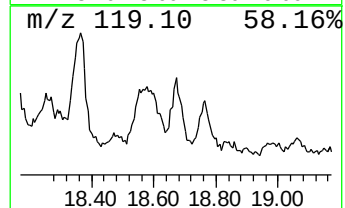
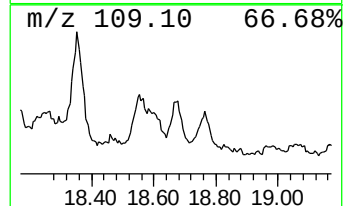
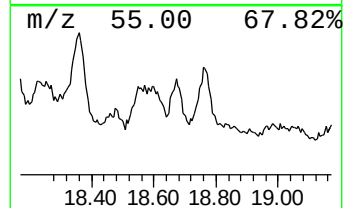
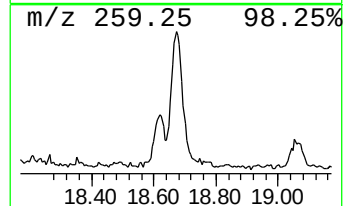
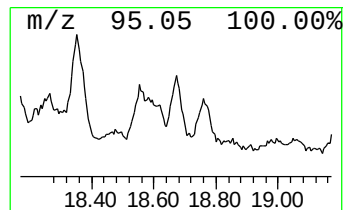
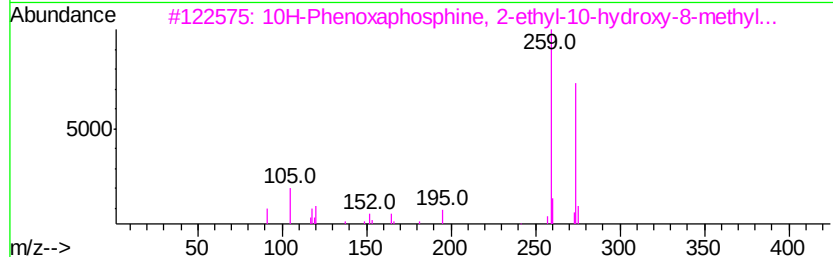
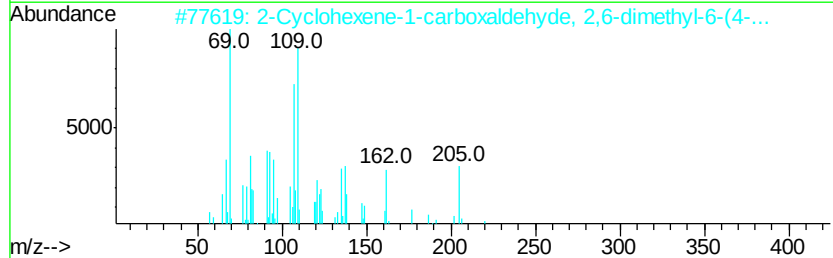
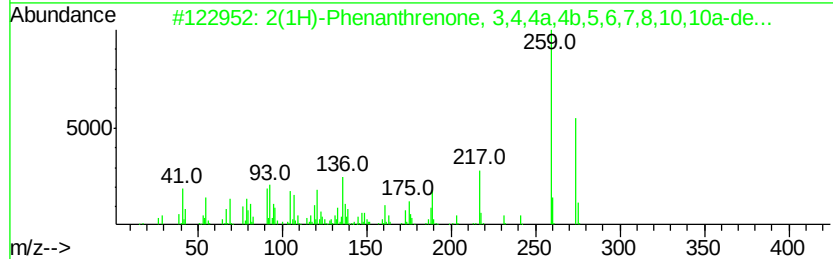
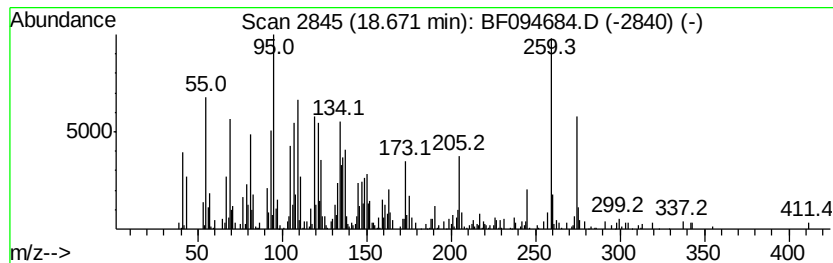
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.67 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	30.22 ng	620203	Perylene-d12	16.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	38
2		2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	35
3		10H-Phenoxaphosphine, 2-ethyl-10...	274	C15H15O3P	036360-91-5	35
4		Phosphoric acid, 3-(1,1-dimethyl...	274	C12H19O5P	094420-61-8	27
5		D-Homoandrostande, (5.alpha.,13.a...	274	C20H34	054482-31-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094684.D
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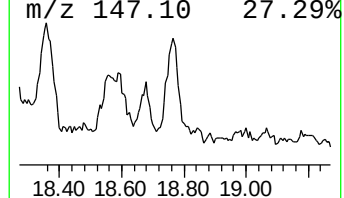
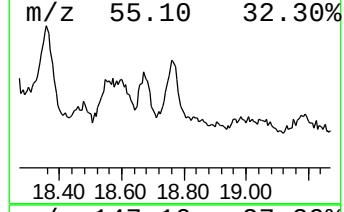
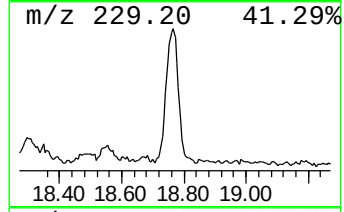
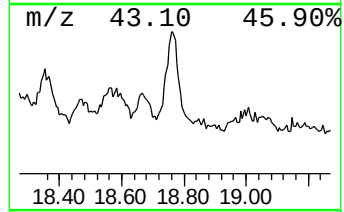
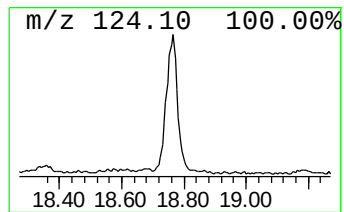
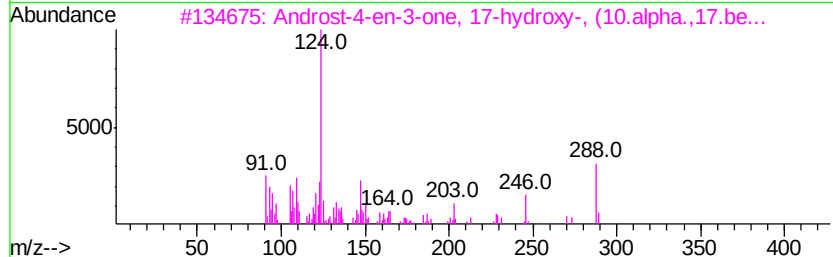
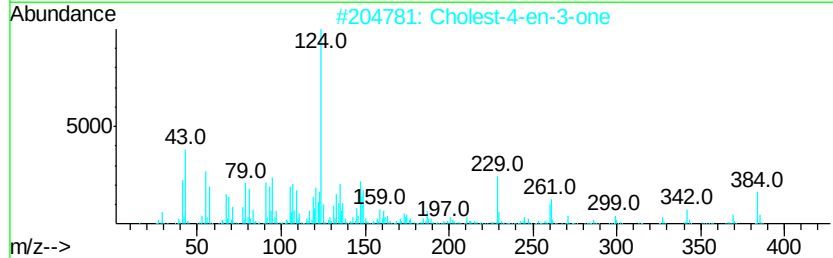
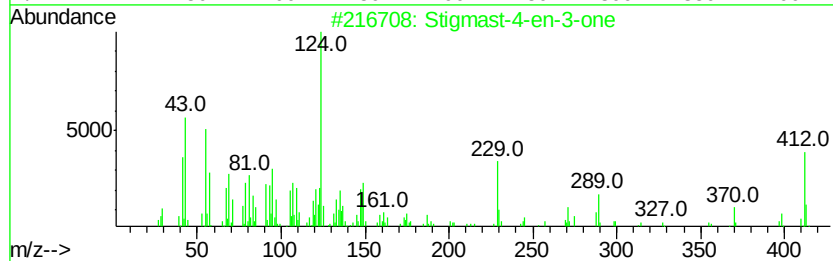
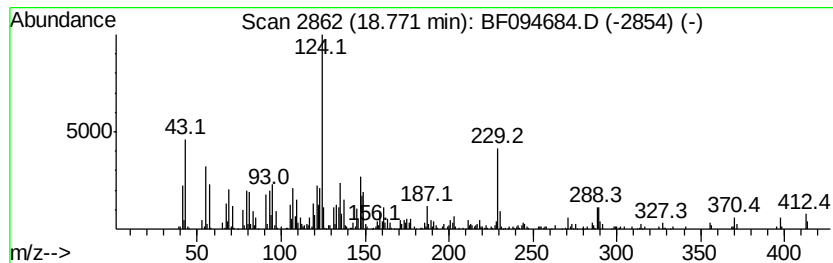
Instrument :
BNA_F
ClientSampleId :
EME-COMPOST-2

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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.77	47.30 ng	970656	Perylene-d12	16.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	92
2	Cholest-4-en-3-one	384	C27H44O	000601-57-0	87
3	Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	78
4	Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	60
5	Cholest-5-en-3-one	384	C27H44O	000601-54-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
 Data File : BF094684.D
 Acq On : 28 Apr 2017 15:32
 Operator : SJ/MA
 Sample : I2825-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-COMPOST-2

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...	3.93	8.6 ng		242284	1	5.77	562458	20.0
unknown5.52	5.52	82.2 ng		2311770	1	5.77	562458	20.0
n-Hexadecanoic acid	11.95	13.0 ng		484796	4	11.21	747295	20.0
Cyclopentadecane	14.35	8.9 ng		284540	5	14.47	642359	20.0
Oxalic acid, isob...	15.14	13.5 ng		433900	5	14.47	642359	20.0
Heneicosane	15.86	26.6 ng		546587	6	16.09	410408	20.0
Oxirane, heptadecyl-	16.38	9.3 ng		190752	6	16.09	410408	20.0
.gamma.-Tocopherol	16.47	19.7 ng		404891	6	16.09	410408	20.0
Heptacosane	16.58	10.0 ng		204642	6	16.09	410408	20.0
Cyclohexane, 1,2-...	16.63	10.9 ng		224122	6	16.09	410408	20.0
dl-.alpha.-Tocoph...	16.79	28.2 ng		578585	6	16.09	410408	20.0
2,6,6,9,2',6',6',...	16.87	25.2 ng		517188	6	16.09	410408	20.0
Oxirane, hexadecyl-	17.27	14.3 ng		292641	6	16.09	410408	20.0
.beta.-Sitosterol	17.90	50.6 ng		1038750	6	16.09	410408	20.0
unknown18.15	18.15	44.1 ng		905259	6	16.09	410408	20.0
Lup-20(29)-en-3-one	18.35	78.9 ng		1619950	6	16.09	410408	20.0
Hop-22(29)-en-3.b...	18.55	19.3 ng		396513	6	16.09	410408	20.0
unknown18.67	18.67	30.2 ng		620203	6	16.09	410408	20.0
Stigmast-4-en-3-one	18.77	47.3 ng		970656	6	16.09	410408	20.0