

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091217\
 Data File : BF098448.D
 Acq On : 12 Sep 2017 14:17
 Operator : SJ/JU
 Sample : I5156-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-B

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-BF091117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.846	465	469	480	rBV	364555	562060	10.12%	1.019%
2	5.275	537	542	557	rBV	5040722	5345020	96.22%	9.692%
3	6.316	714	719	735	rBV	5064716	5555199	100.00%	10.073%
4	6.434	735	739	742	rBV	5525055	5265040	94.78%	9.547%
5	6.657	774	777	785	rVB	1619401	1468378	26.43%	2.663%
6	6.816	800	804	807	rBV	4267472	3858441	69.46%	6.997%
7	7.228	869	874	878	rBV	3183158	3530788	63.56%	6.402%
8	7.945	991	996	999	rBV	2246355	2020192	36.37%	3.663%
9	9.022	1173	1179	1182	rBV	5687862	5318898	95.75%	9.645%
10	9.104	1188	1193	1198	rBV3	48186	66366	1.19%	0.120%
11	9.416	1242	1246	1249	rBV	545657	456607	8.22%	0.828%
12	9.633	1280	1283	1287	rBV	88811	81784	1.47%	0.148%
13	9.692	1287	1293	1297	rBV2	2370635	2172634	39.11%	3.940%
14	9.916	1324	1331	1334	rBV6	32943	59104	1.06%	0.107%
15	10.128	1364	1367	1370	rVB	157125	130065	2.34%	0.236%
16	10.351	1399	1405	1410	rBV2	78819	151084	2.72%	0.274%
17	10.486	1423	1428	1431	rBV	2895299	2785004	50.13%	5.050%
18	10.598	1444	1447	1452	rBV	186820	237684	4.28%	0.431%
19	11.045	1521	1523	1526	rVV2	122831	111104	2.00%	0.201%
20	11.075	1526	1528	1533	rVB2	68612	72321	1.30%	0.131%
21	11.175	1541	1545	1548	rBV	2484803	2125300	38.26%	3.854%
22	11.198	1548	1549	1552	rVV	123019	73180	1.32%	0.133%
23	11.245	1552	1557	1562	rVB3	60728	101808	1.83%	0.185%
24	11.716	1632	1637	1644	rBV3	175061	291974	5.26%	0.529%
25	11.857	1658	1661	1663	rBV3	61439	71837	1.29%	0.130%
26	12.269	1728	1731	1736	rVB2	54777	68206	1.23%	0.124%
27	12.357	1743	1746	1748	rBV2	54609	68031	1.22%	0.123%
28	12.380	1748	1750	1753	rVB	146002	120726	2.17%	0.219%
29	12.498	1765	1770	1777	rBV	286844	510707	9.19%	0.926%
30	12.610	1787	1789	1791	rVB	133732	98476	1.77%	0.179%
31	12.633	1791	1793	1796	rVB	61505	59041	1.06%	0.107%
32	12.763	1810	1815	1818	rBV	4317603	4265805	76.79%	7.735%
33	12.939	1837	1845	1852	rBV3	370020	1134537	20.42%	2.057%
34	13.657	1964	1967	1974	rVB2	384977	584083	10.51%	1.059%

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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	13.804	1988	1992	2001	rBV2	1612848	2491895	44.86%	4.519%
36	13.974	2019	2021	2027	rVB3	136161	158908	2.86%	0.288%
37	14.445	2096	2101	2109	rBV	411484	739693	13.32%	1.341%
38	14.574	2120	2123	2129	rVB	134899	155465	2.80%	0.282%
39	14.639	2130	2134	2137	rVB	458242	508179	9.15%	0.921%
40	14.880	2173	2175	2179	rVB	167260	164656	2.96%	0.299%
41	15.015	2194	2198	2205	rVB	241903	459113	8.26%	0.833%
42	15.204	2226	2230	2237	rVB	986702	1354244	24.38%	2.456%
43	15.392	2258	2262	2267	rBV5	158720	294169	5.30%	0.533%

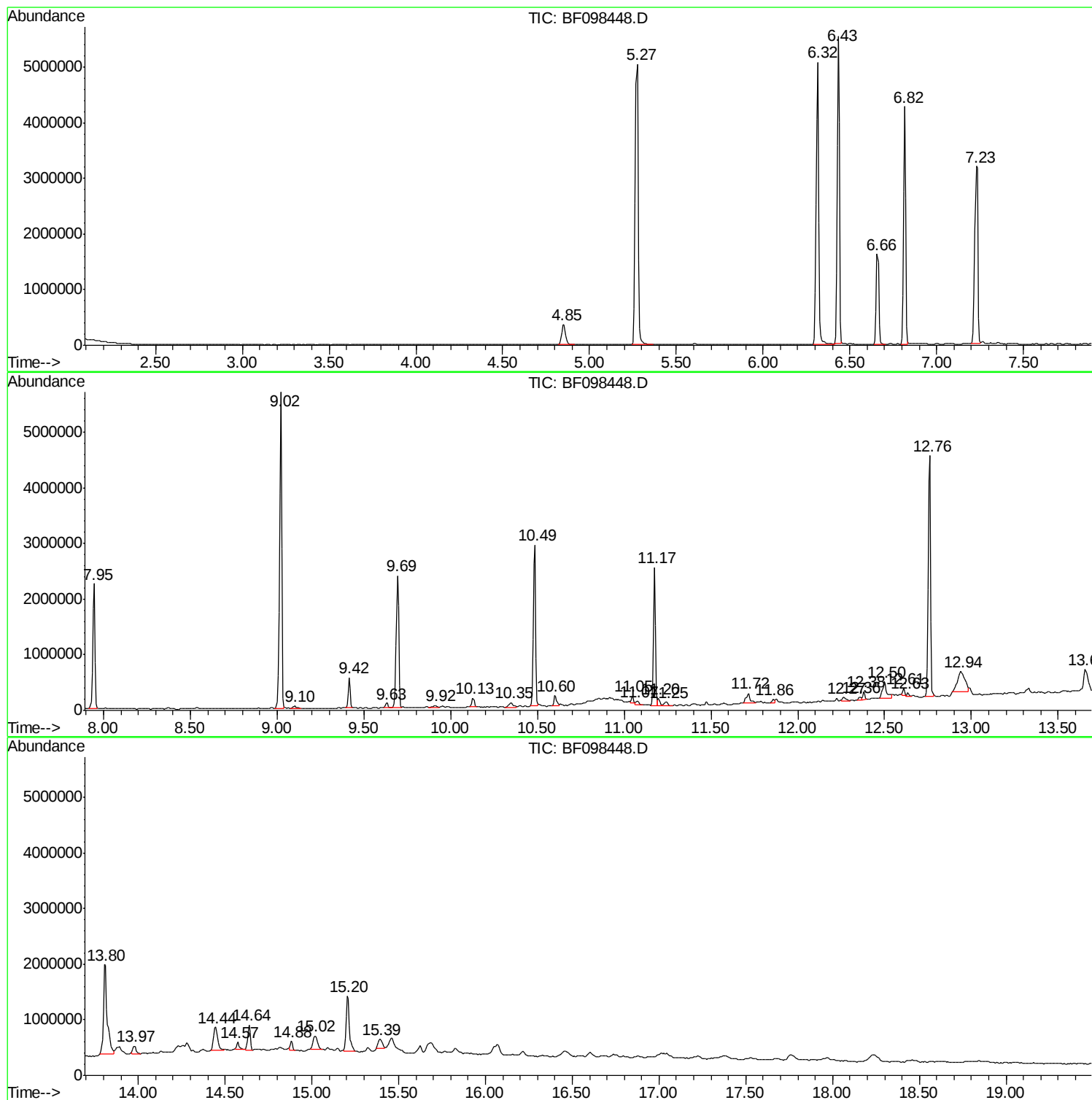
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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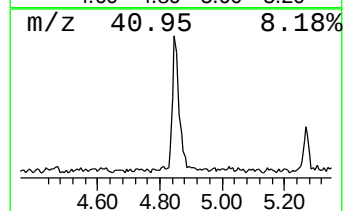
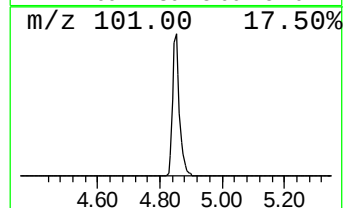
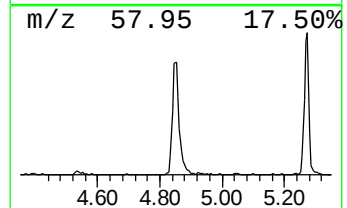
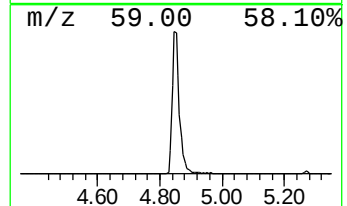
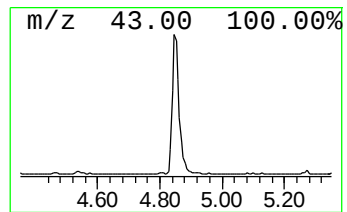
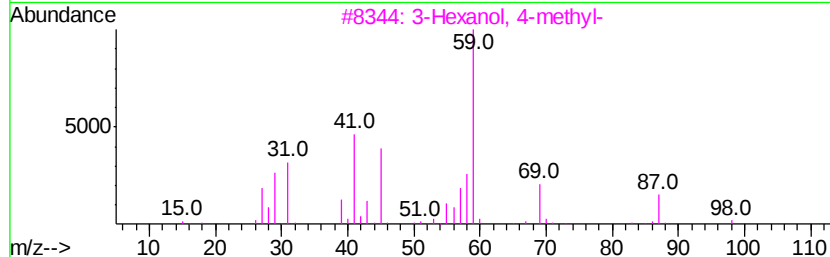
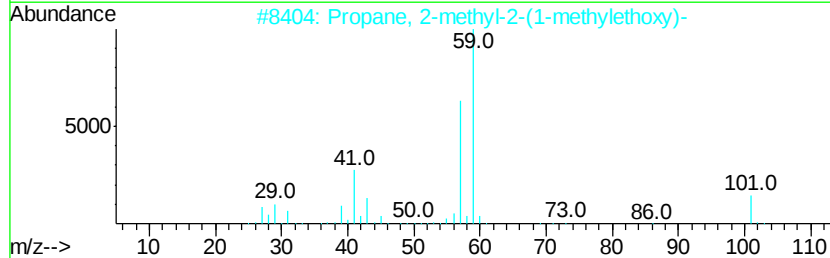
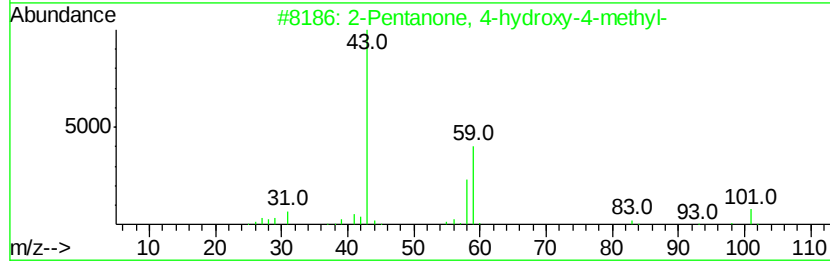
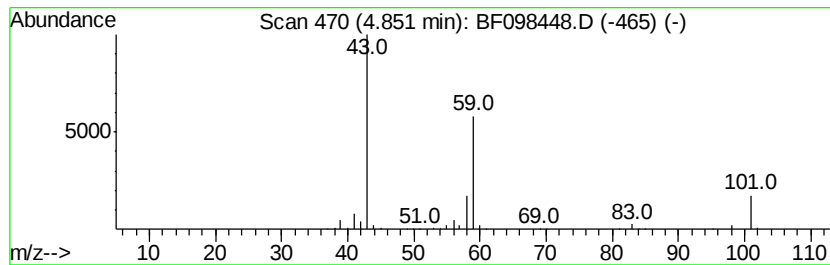
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.85	7.66 ng	562060	1,4-Dichlorobenzene-d4	6.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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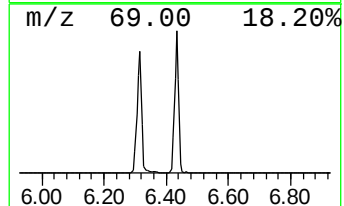
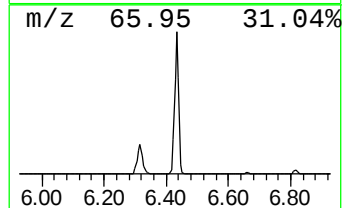
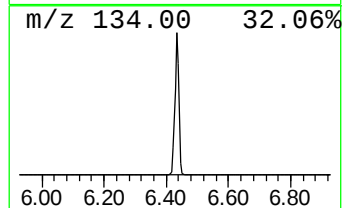
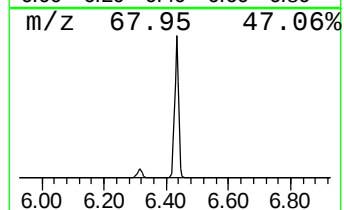
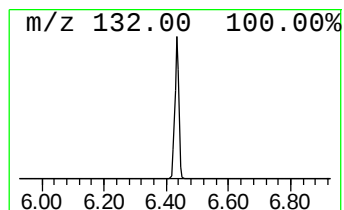
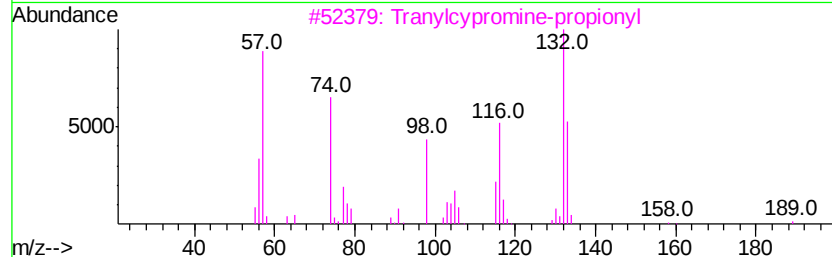
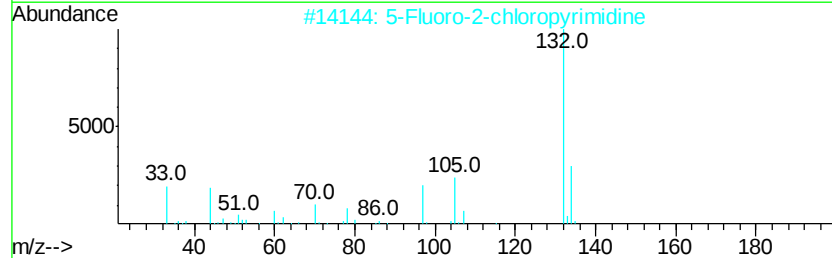
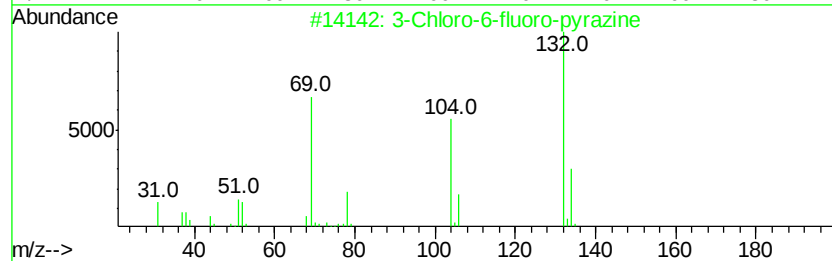
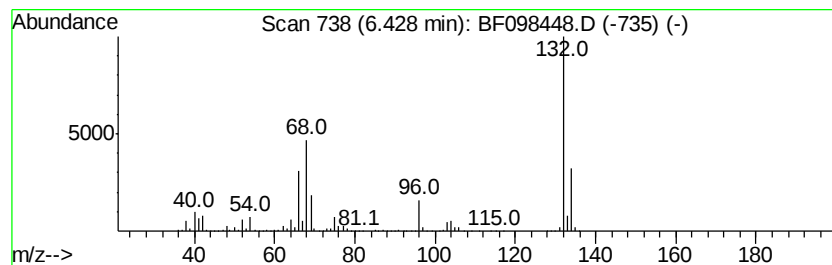
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Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	71.71 ng	5265040	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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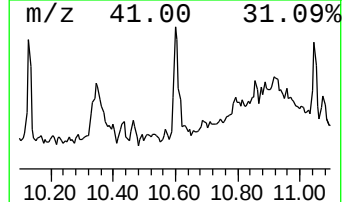
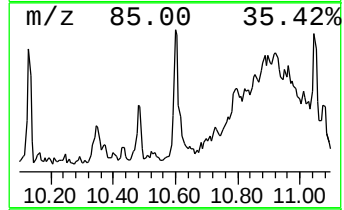
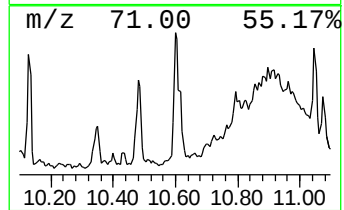
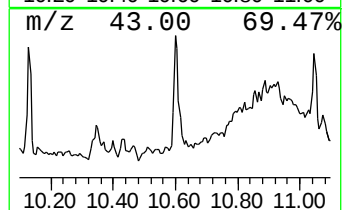
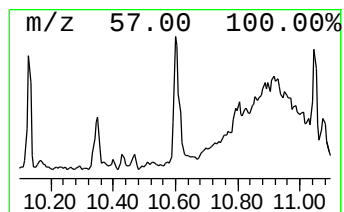
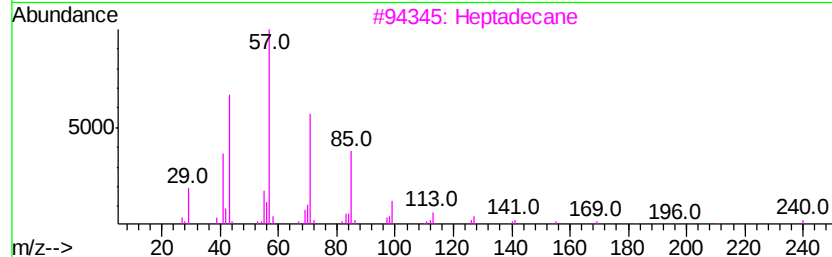
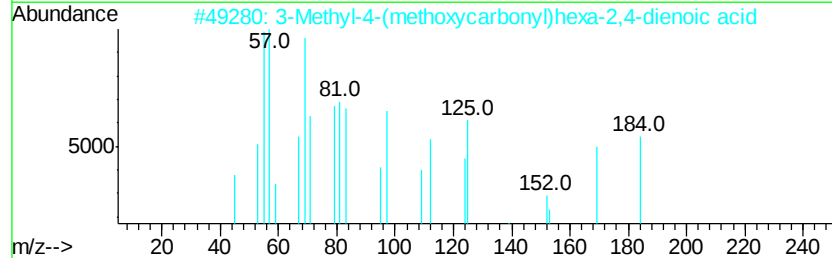
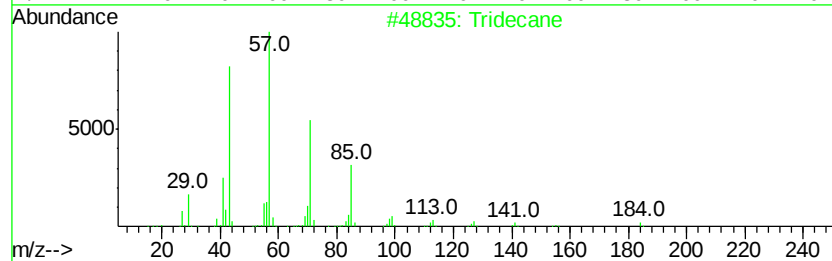
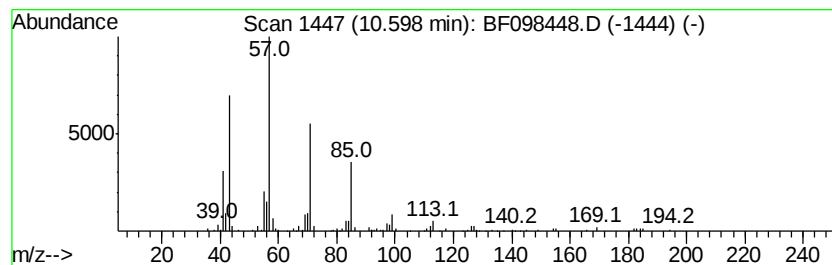
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.60	2.24 ng	237684	Phenanthrene-d10	11.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane	226	C16H34	000544-76-3	90



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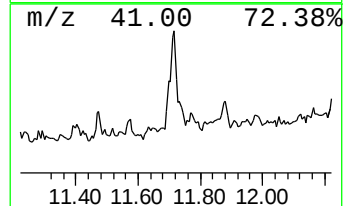
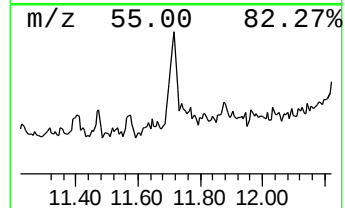
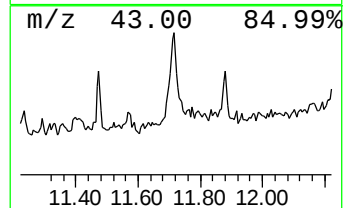
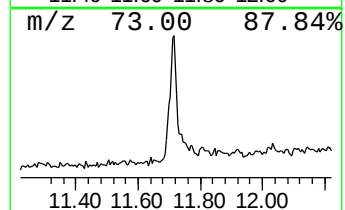
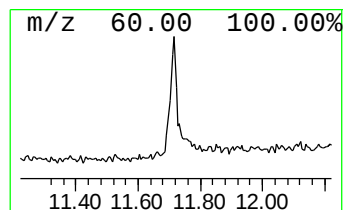
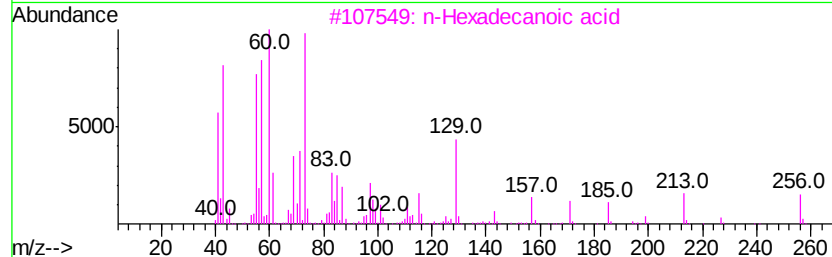
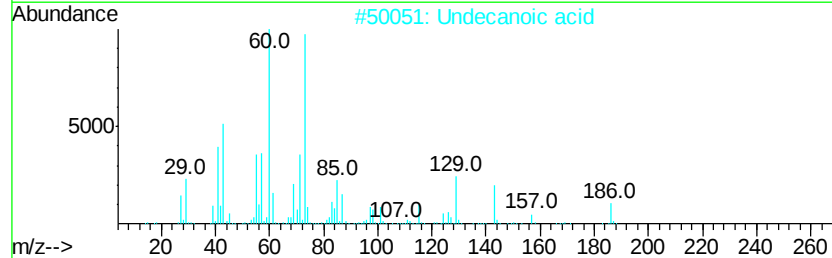
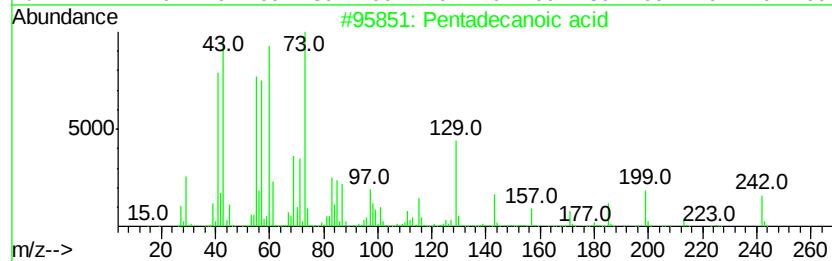
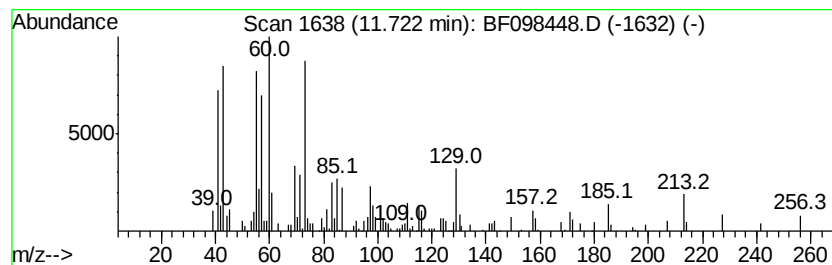
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Peak Number 5 Pentadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.75 ng	291974	Phenanthrene-d10	11.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
2		Undecanoic acid	186	C11H22O2	000112-37-8	76
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
4		Nonanoic acid	158	C9H18O2	000112-05-0	50
5		N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	42



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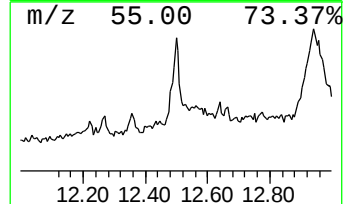
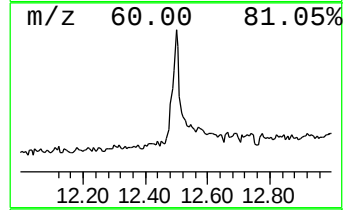
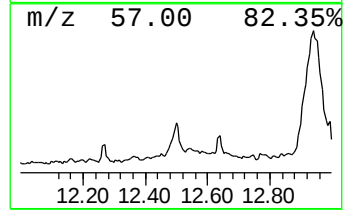
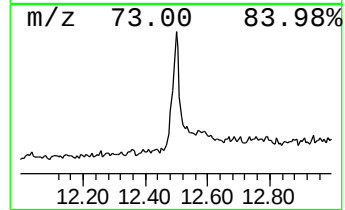
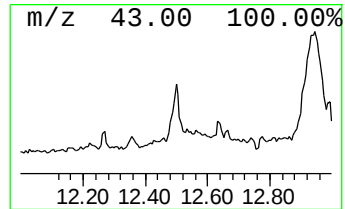
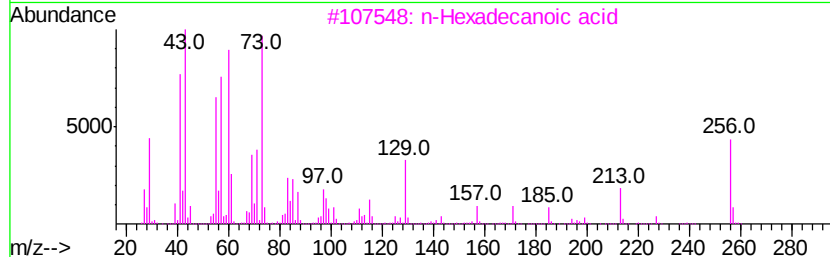
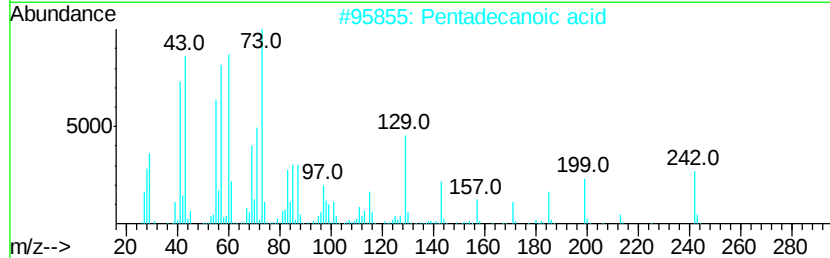
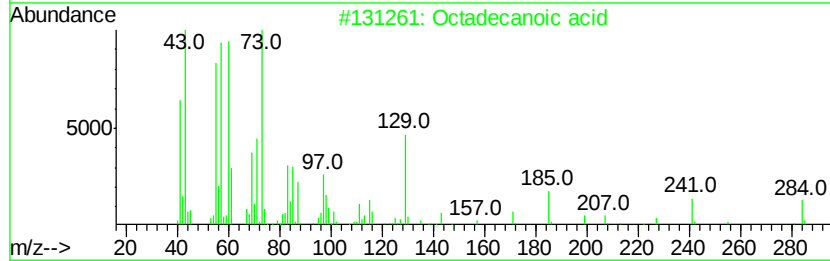
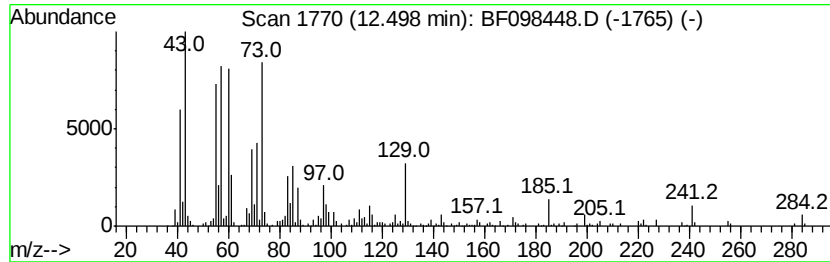
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ClientSampleId :
FK-GF-02-011-B

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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 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.50	4.10 ng	510707	Chrysene-d12	13.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	30



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098448.D
Acq On : 12 Sep 2017 14:17
Operator : SJ/JU
Sample : I5156-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

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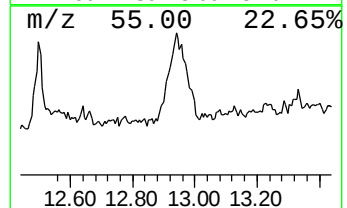
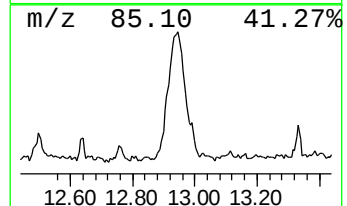
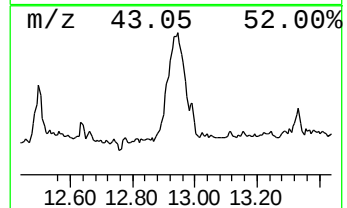
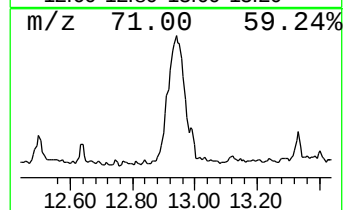
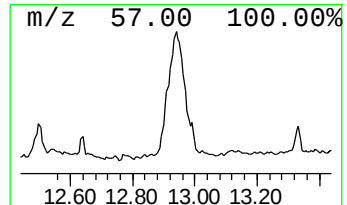
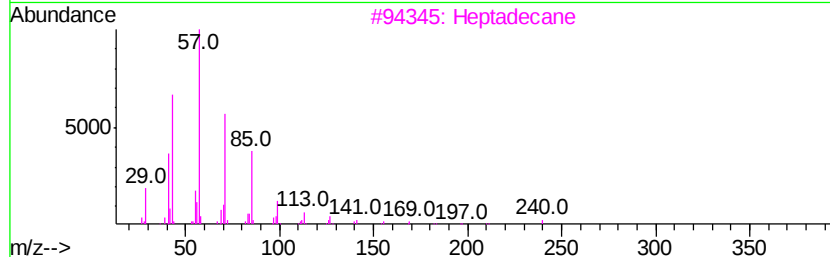
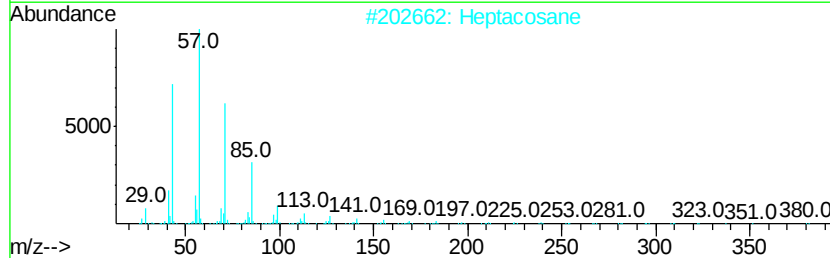
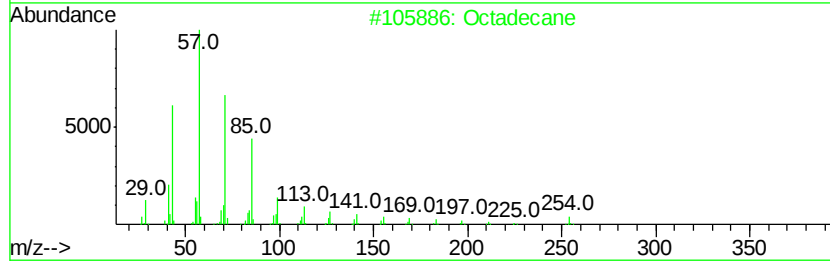
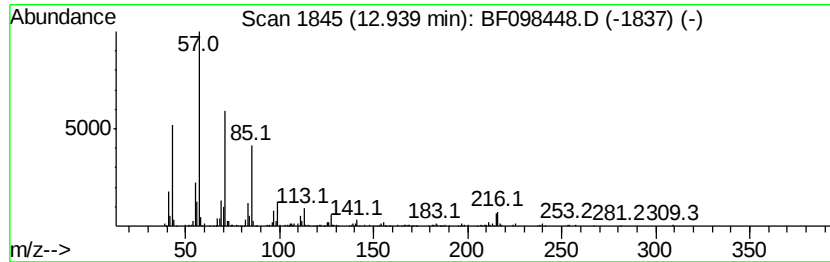
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	9.11 ng	1134540	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		Heptadecane	240	C17H36	000629-78-7	87
4		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
5		Tridecane	184	C13H28	000629-50-5	81



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
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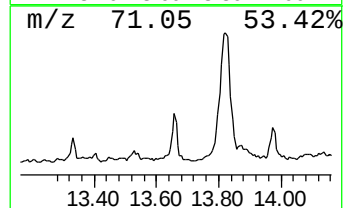
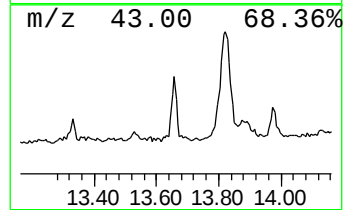
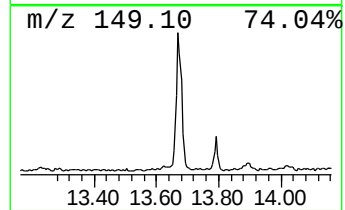
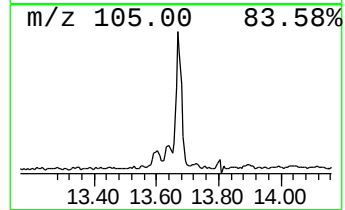
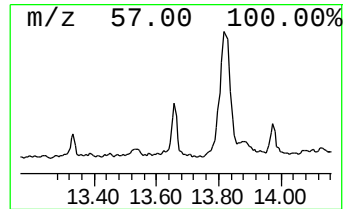
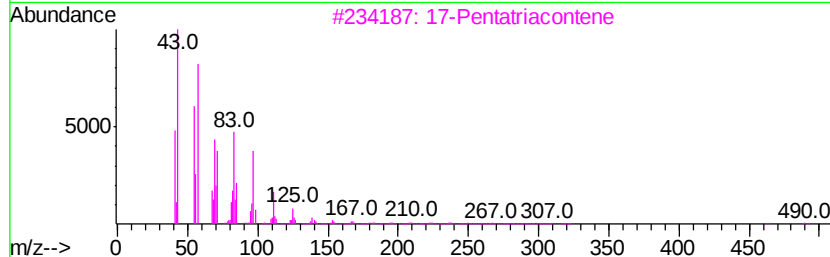
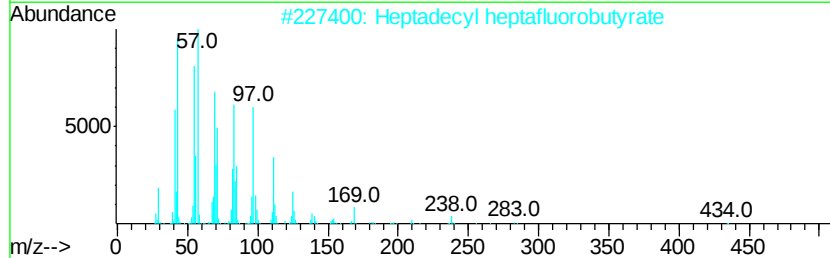
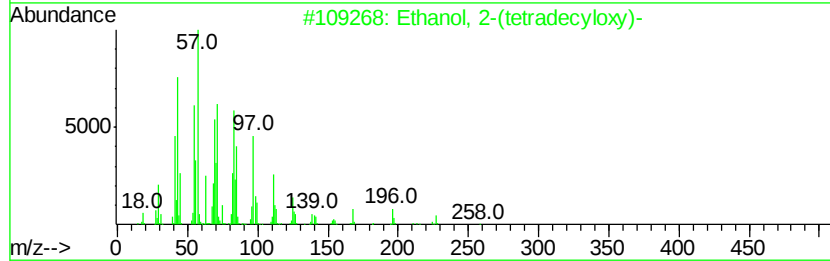
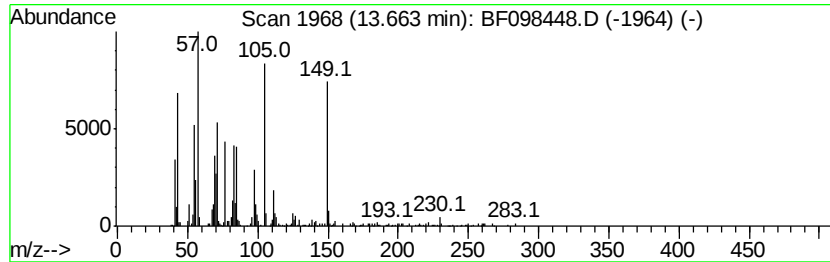
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.66	4.69 ng	584083	Chrysene-d12		13.80	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3		17-Pentatriacontene	491	C35H70	006971-40-0	90
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098448.D
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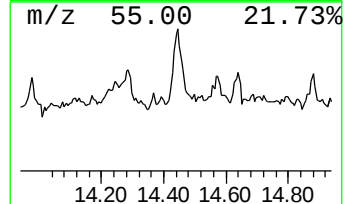
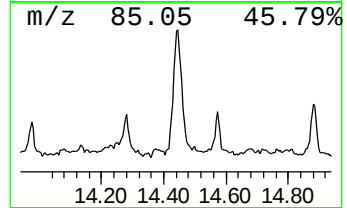
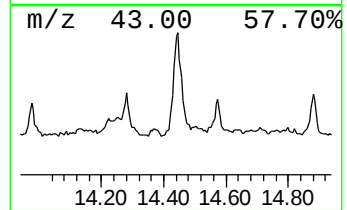
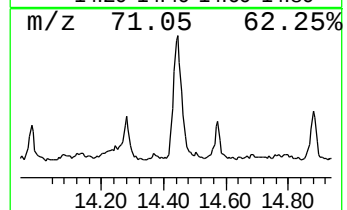
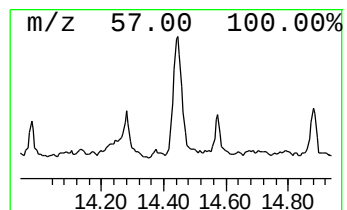
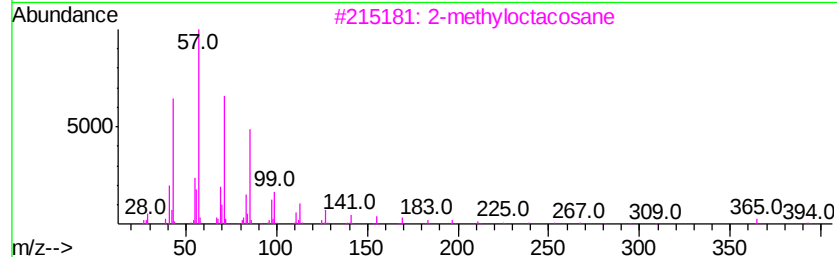
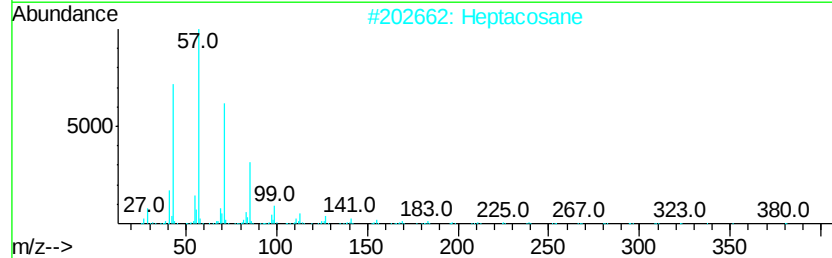
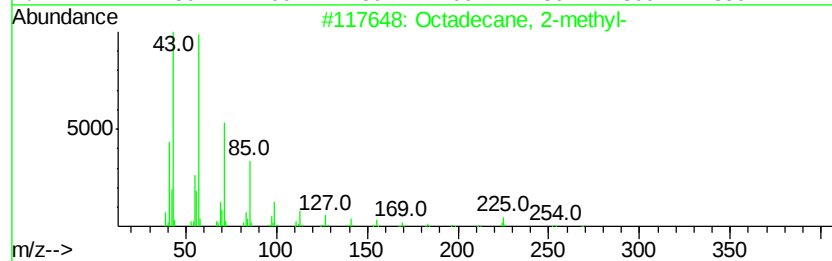
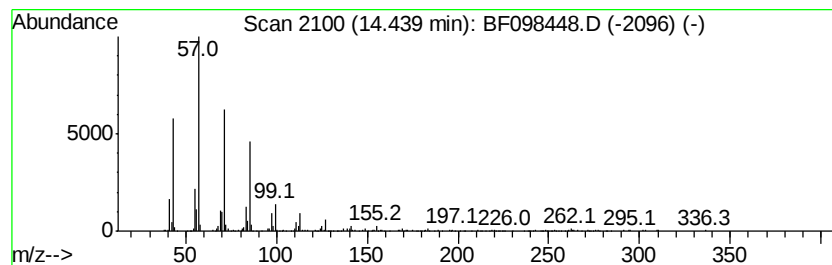
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	5.94 ng	739693	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098448.D
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Operator : SJ/JU
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ALS Vial : 3 Sample Multiplier: 1

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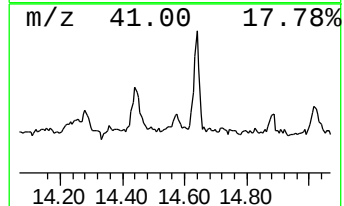
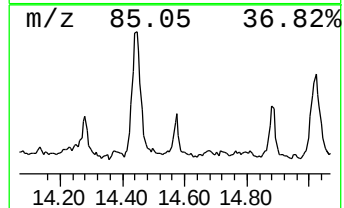
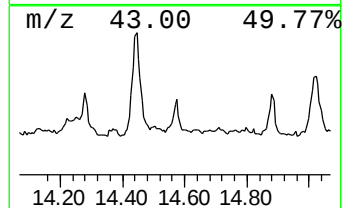
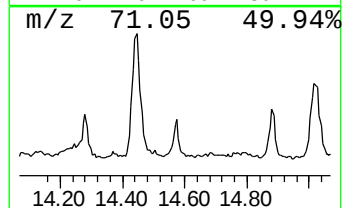
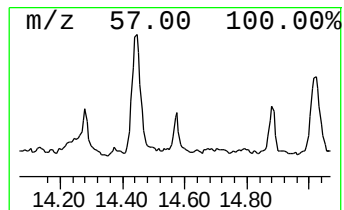
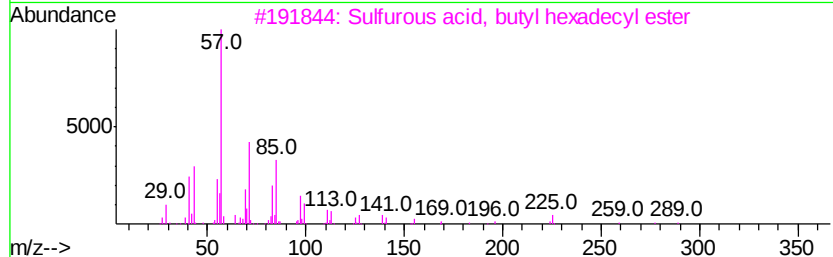
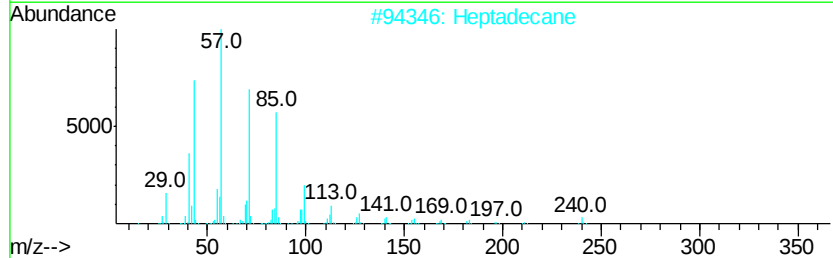
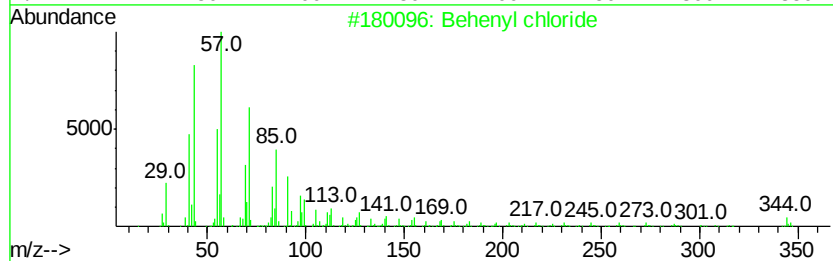
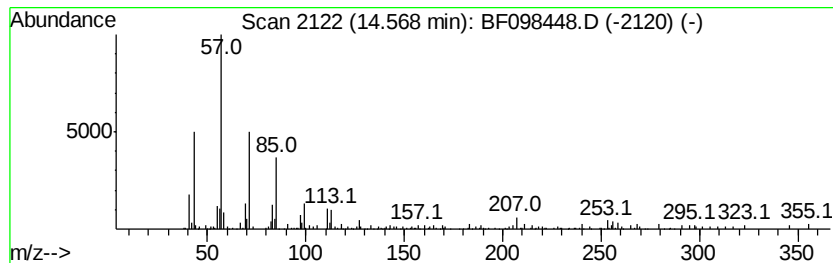
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Behenyl chloride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.30 ng	155465	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenyl chloride	344	C22H45Cl	042217-03-8	90
2		Heptadecane	240	C17H36	000629-78-7	86
3		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	78
4		Nonadecane	268	C19H40	000629-92-5	72
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098448.D
Acq On : 12 Sep 2017 14:17
Operator : SJ/JU
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Misc :
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Instrument :
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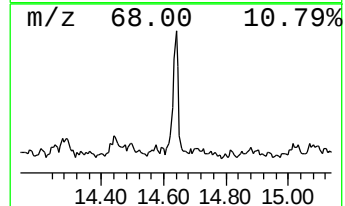
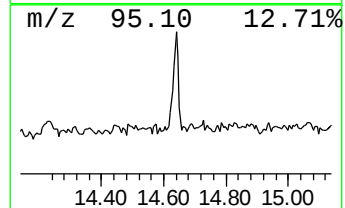
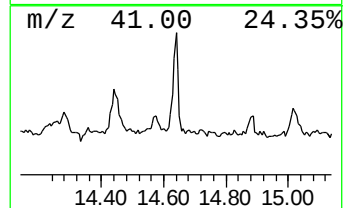
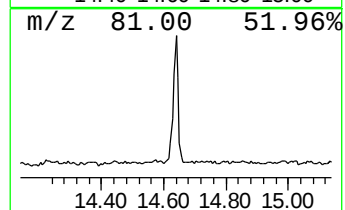
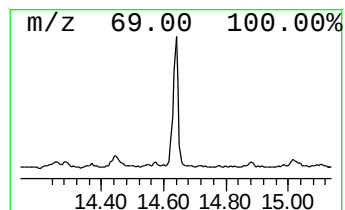
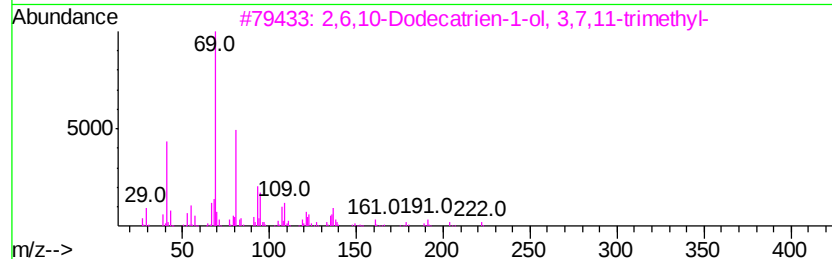
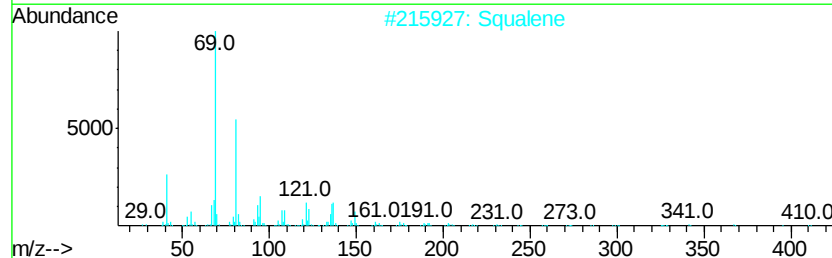
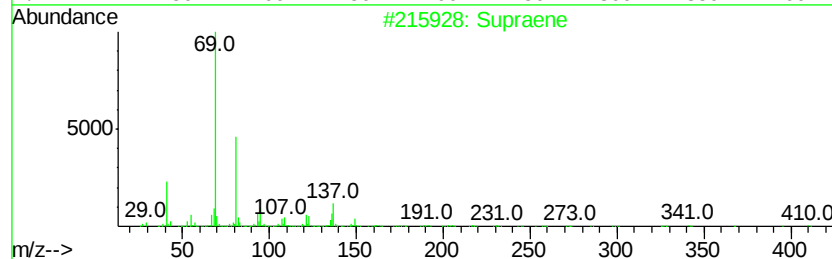
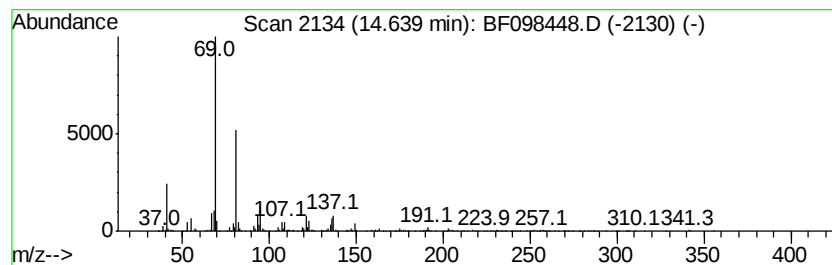
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	7.50 ng	508179	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	90
3		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72
4		Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	59
5		1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
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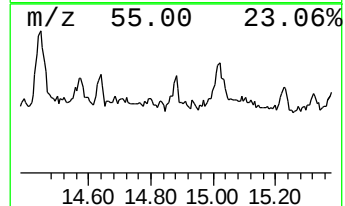
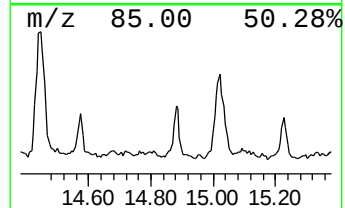
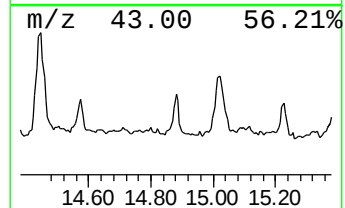
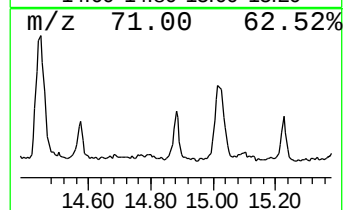
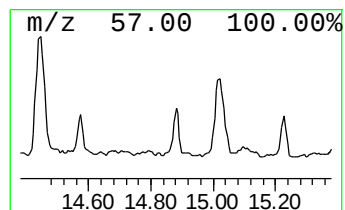
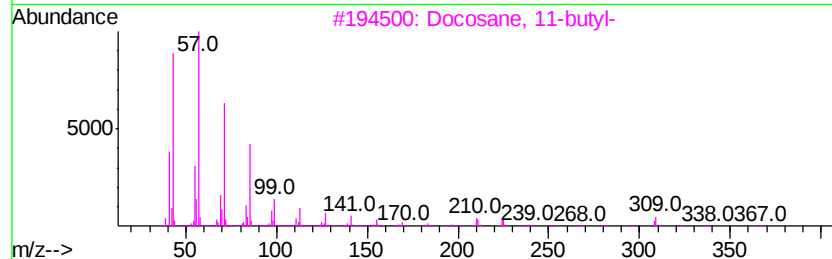
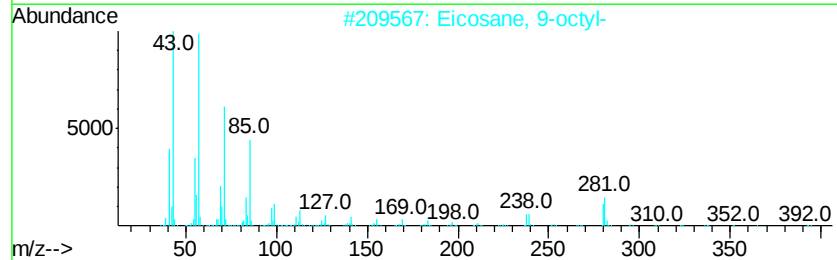
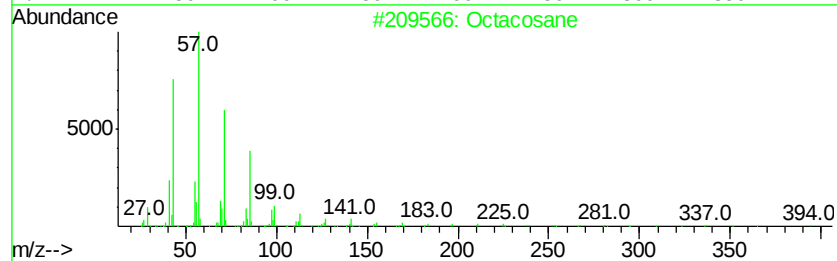
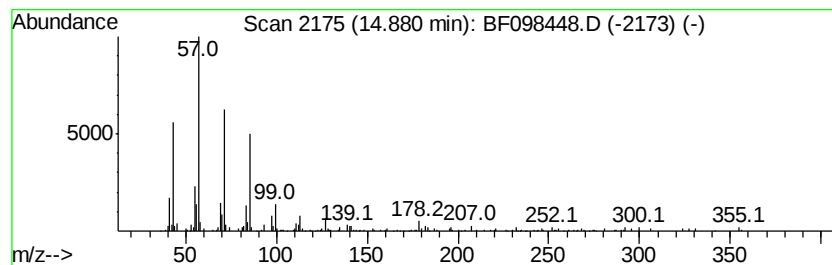
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	2.43 ng	164656	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	83
2	Eicosane, 9-octyl-	394 C28H58	013475-77-9	80
3	Docosane, 11-butyl-	366 C26H54	013475-76-8	80
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	80
5	Nonadecane	268 C19H40	000629-92-5	70



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
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ClientSampleId :
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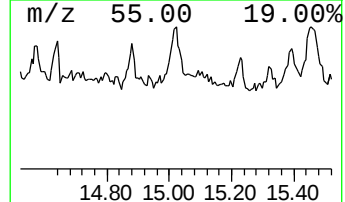
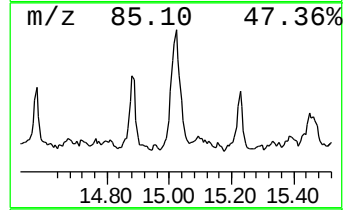
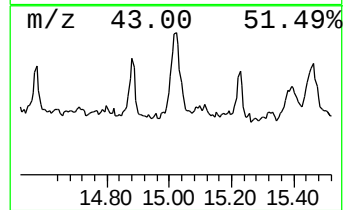
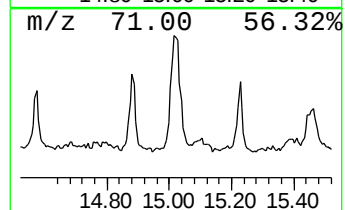
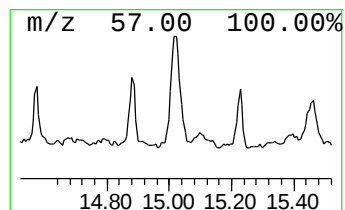
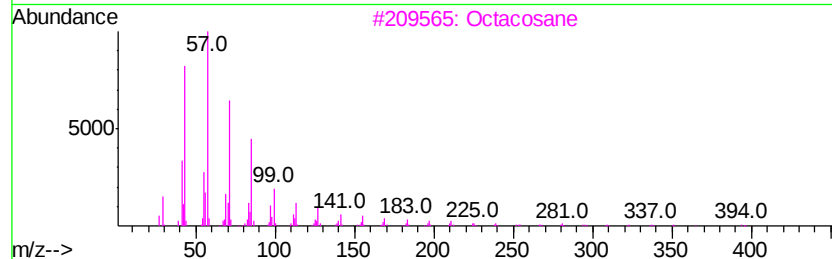
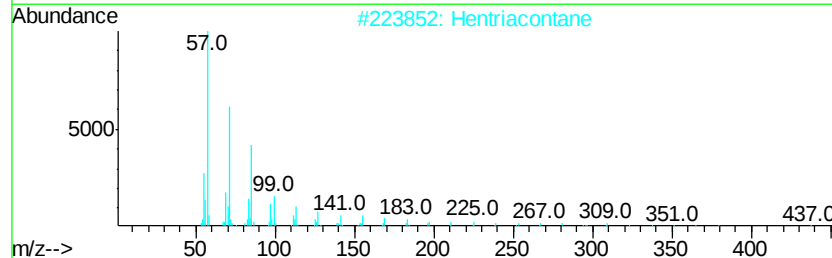
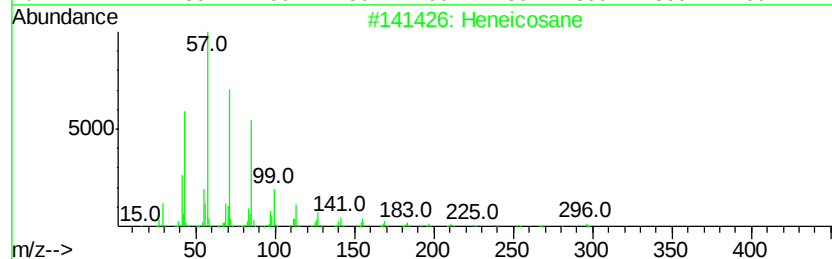
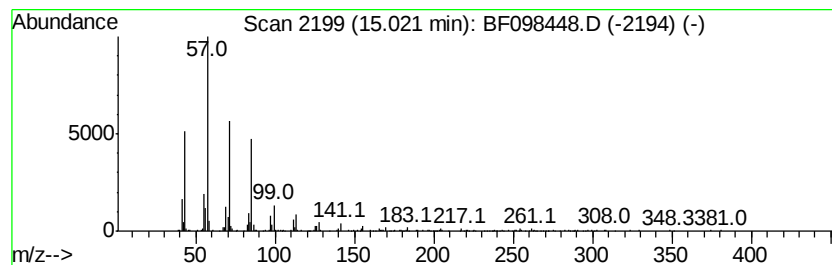
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	6.78 ng	459113	Perylene-d12	15.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Hentriacontane	437	C31H64	000630-04-6	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Hexatriacontane	507	C36H74	000630-06-8	91
5			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098448.D
Acq On : 12 Sep 2017 14:17
Operator : SJ/JU
Sample : I5156-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

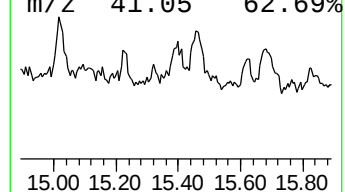
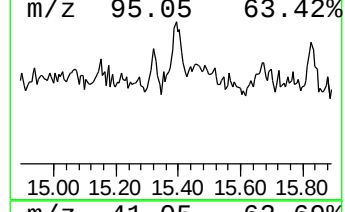
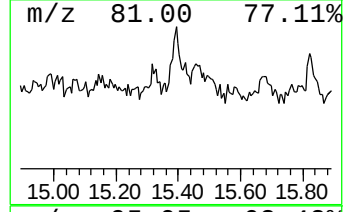
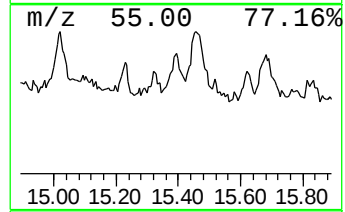
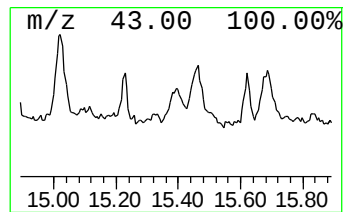
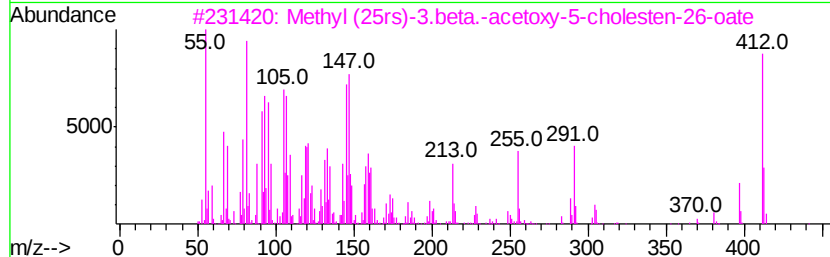
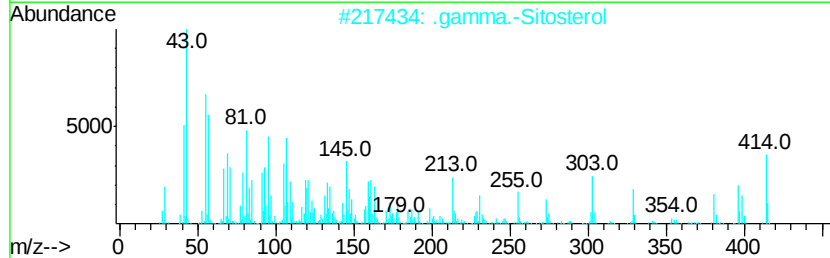
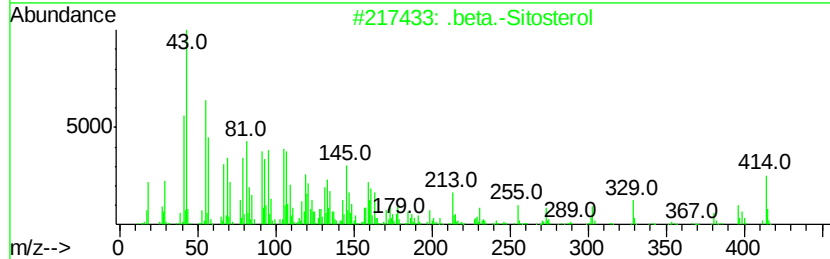
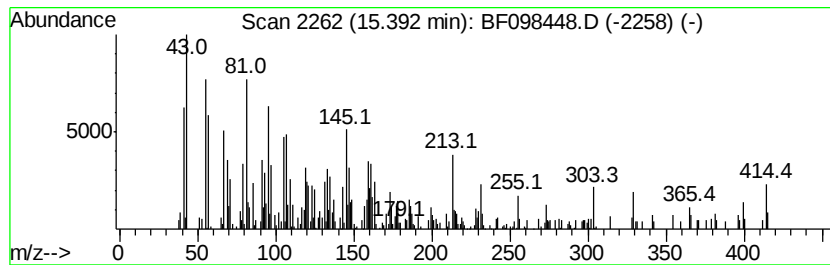
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 .beta.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.39	4.34 ng	294169	Perylene-d12	15.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	83
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	58
3	Methyl (25rs)-3.beta.-acetoxv-5-...	472	C30H48O4	103160-13-0	47
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	45
5	Campesterol	400	C28H48O	000474-62-4	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091217\
 Data File : BF098448.D
 Acq On : 12 Sep 2017 14:17
 Operator : SJ/JU
 Sample : I5156-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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...	4.85	7.7 ng		562060	1	6.66	1468380	20.0
unknown6.43	6.43	71.7 ng		5265040	1	6.66	1468380	20.0
Tridecane	10.60	2.2 ng		237684	4	11.17	2125300	20.0
Pentadecanoic acid	11.72	2.8 ng		291974	4	11.17	2125300	20.0
Octadecanoic acid	12.50	4.1 ng		510707	5	13.80	2491900	20.0
Octadecane	12.94	9.1 ng		1134540	5	13.80	2491900	20.0
Ethanol, 2-(tetra...	13.66	4.7 ng		584083	5	13.80	2491900	20.0
Octadecane, 2-met...	14.44	5.9 ng		739693	5	13.80	2491900	20.0
Behenyl chloride	14.57	2.3 ng		155465	6	15.20	1354240	20.0
Supraene	14.64	7.5 ng		508179	6	15.20	1354240	20.0
Octacosane	14.88	2.4 ng		164656	6	15.20	1354240	20.0
Heneicosane	15.02	6.8 ng		459113	6	15.20	1354240	20.0
.beta.-Sitosterol	15.39	4.3 ng		294169	6	15.20	1354240	20.0