

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085363.D
 Acq On : 11 Mar 2016 5:34
 Operator : UM/SJ
 Sample : H1731-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

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-BF030316.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	5.144	248	250	259	rVB	210981	314519	6.70%	0.793%
2	5.544	282	285	288	rBV	3583448	3906660	83.17%	9.856%
3	6.561	371	374	377	rBV	2914942	4582207	97.55%	11.560%
4	6.710	384	387	389	rBV	4078609	4608102	98.10%	11.626%
5	6.939	404	407	409	rBV	1160079	959334	20.42%	2.420%
6	7.099	418	421	423	rBV	3613627	3585801	76.34%	9.047%
7	7.499	453	456	459	rBV	2419282	2691287	57.30%	6.790%
8	8.219	517	519	522	rBV	1132534	1135188	24.17%	2.864%
9	9.305	611	614	616	rBV	3845710	4697122	100.00%	11.850%
10	9.693	646	648	650	rBV	592551	593218	12.63%	1.497%
11	9.910	664	667	669	rVB	107433	101579	2.16%	0.256%
12	9.979	671	673	675	rVB	1360593	1176994	25.06%	2.969%
13	10.402	708	710	712	rVB	109867	134053	2.85%	0.338%
14	10.630	726	730	733	rBV	51127	93923	2.00%	0.237%
15	10.768	739	742	744	rBV	2461151	2468476	52.55%	6.228%
16	10.882	749	752	757	rVV	148590	192654	4.10%	0.486%
17	11.076	766	769	775	rBV3	19799	49803	1.06%	0.126%
18	11.328	789	791	792	rBV	68998	59257	1.26%	0.149%
19	11.465	800	803	804	rBV	1023279	1042864	22.20%	2.631%
20	11.488	804	805	806	rVV	84086	62178	1.32%	0.157%
21	11.533	806	809	811	rVB2	36123	52355	1.11%	0.132%
22	11.991	847	849	851	rBV	217138	260900	5.55%	0.658%
23	12.071	854	856	861	rVB2	30348	55328	1.18%	0.140%
24	12.676	906	909	911	rBV	136335	178061	3.79%	0.449%
25	12.768	915	917	921	rVV	120763	144165	3.07%	0.364%
26	12.905	925	929	931	rVB2	113899	170615	3.63%	0.430%
27	13.042	939	941	944	rVB	2472355	3279486	69.82%	8.274%
28	13.945	1018	1020	1025	rVB	152129	241278	5.14%	0.609%
29	14.094	1029	1033	1039	rBV	798667	1048137	22.31%	2.644%
30	14.574	1072	1075	1082	rBV2	45251	126809	2.70%	0.320%
31	15.134	1121	1124	1129	rBV	107572	235828	5.02%	0.595%
32	15.431	1148	1150	1153	rVB	64663	91422	1.95%	0.231%
33	15.499	1153	1156	1159	rBV	69749	122181	2.60%	0.308%
34	15.557	1159	1161	1164	rBV	570966	783509	16.68%	1.977%

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ALS Vial : 33 Sample Multiplier: 1

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

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.082	1204	1207	1211	rVV4	23393	58558	1.25%	0.148%
36	17.008	1286	1288	1294	rVB2	32069	67242	1.43%	0.170%
37	17.442	1323	1326	1333	rVB	24352	67938	1.45%	0.171%
38	17.614	1336	1341	1346	rBV5	57426	198251	4.22%	0.500%

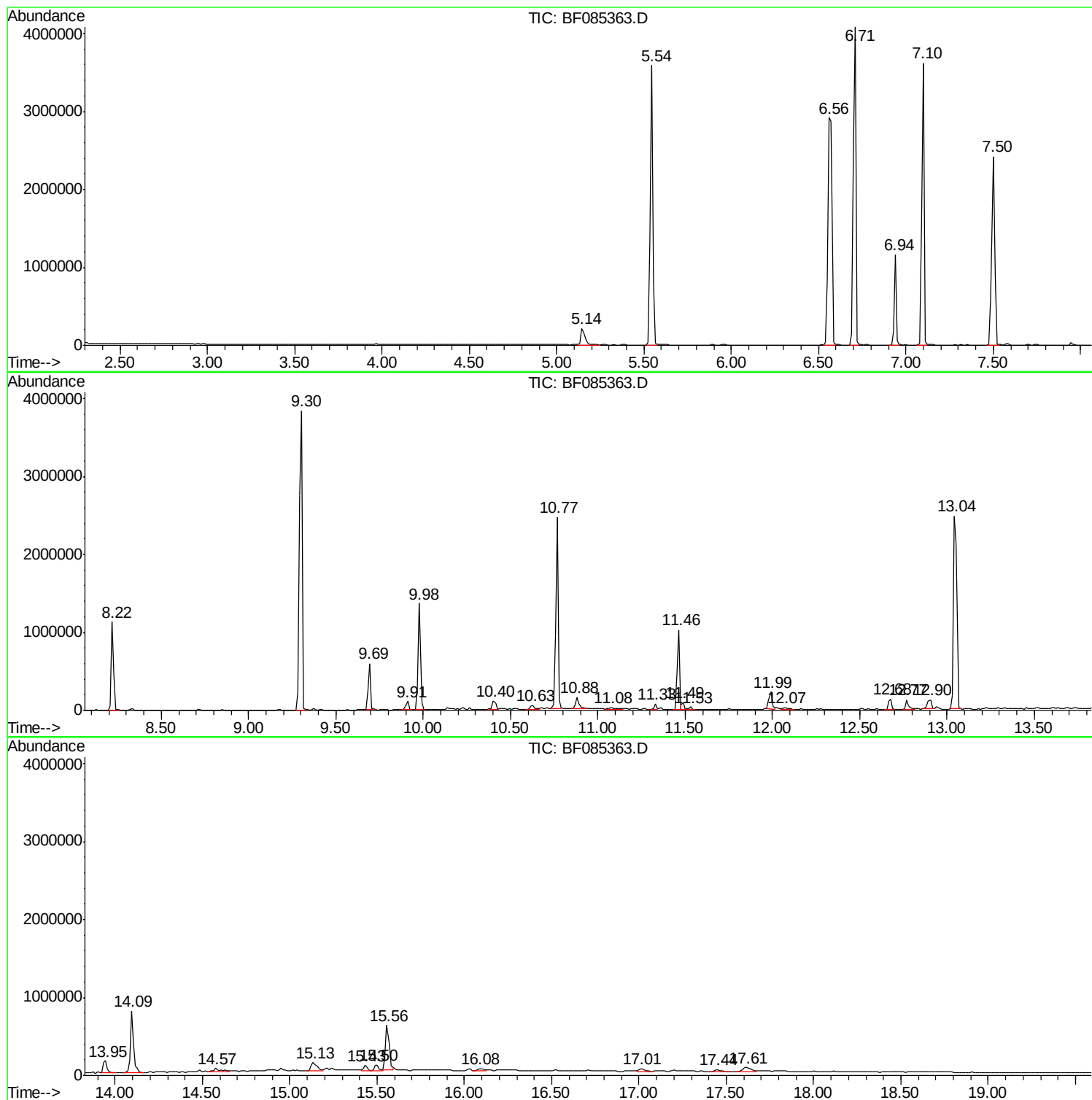
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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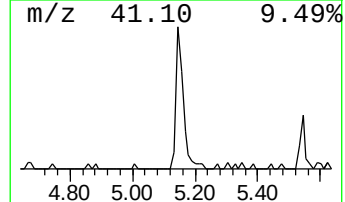
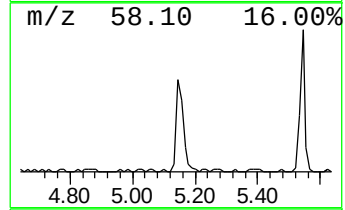
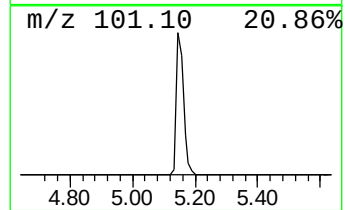
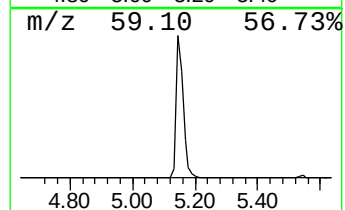
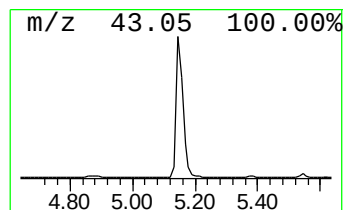
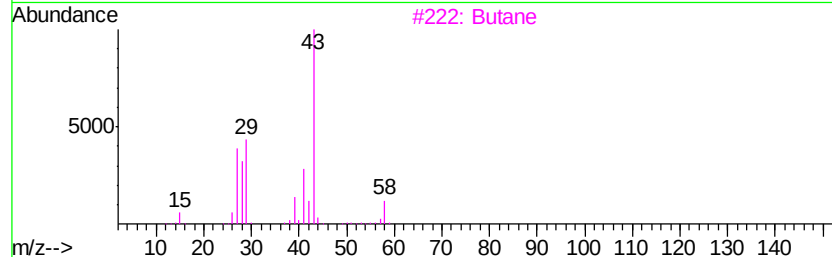
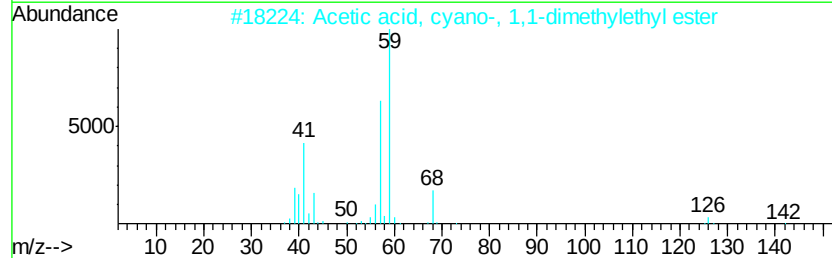
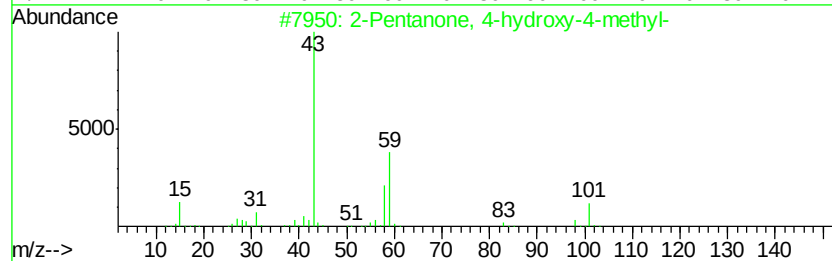
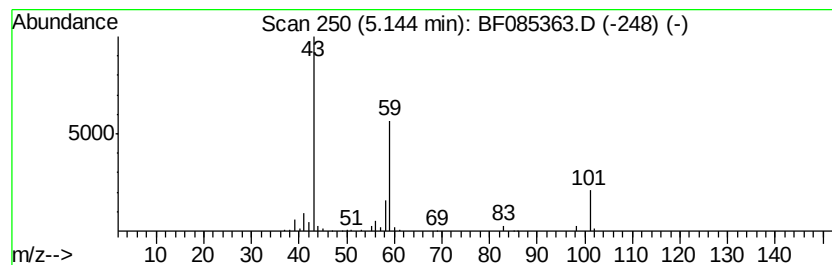
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	6.56 ng	314519	1,4-Dichlorobenzene-d4	6.94

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane	58	C4H10	000106-97-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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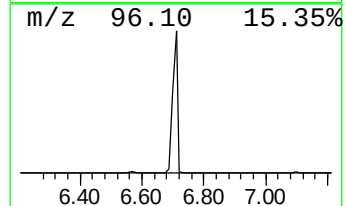
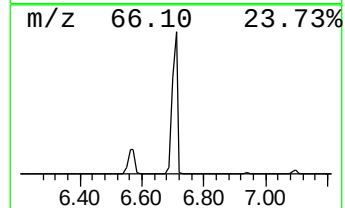
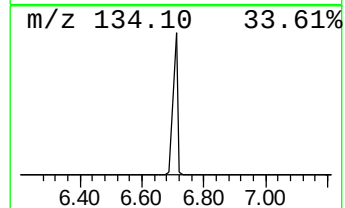
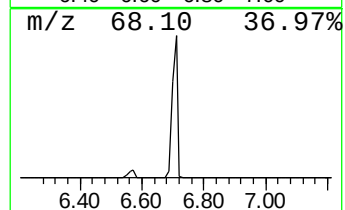
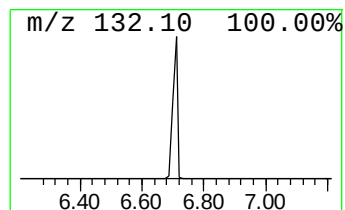
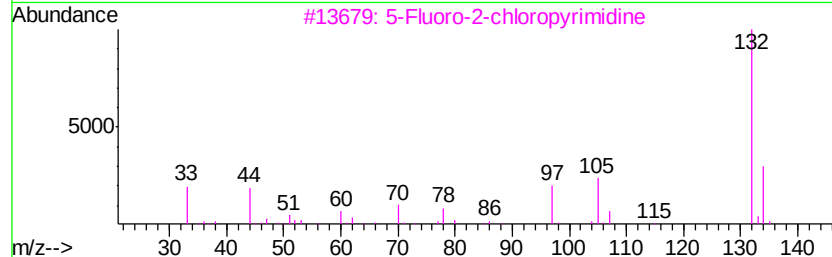
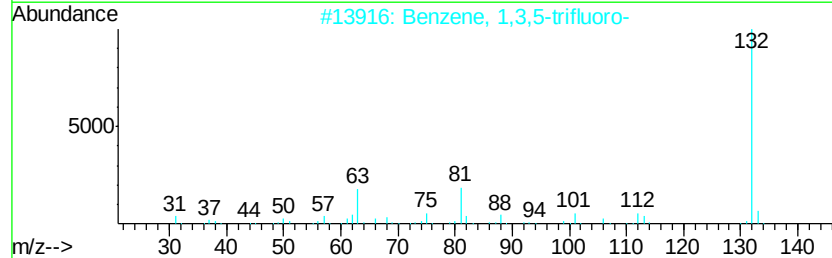
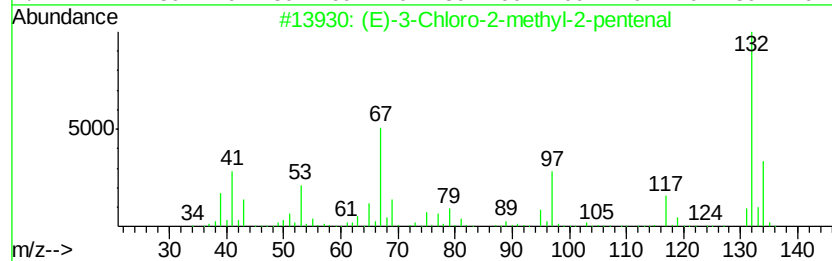
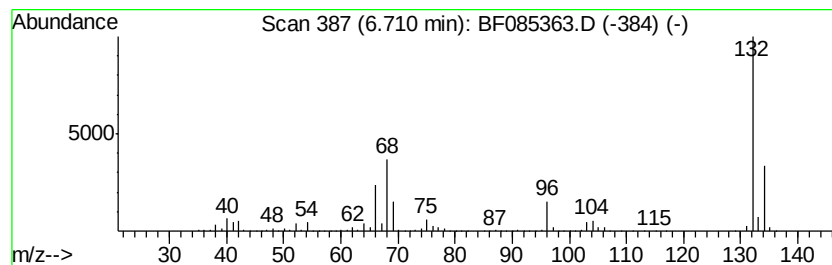
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	96.07 ng	4608100	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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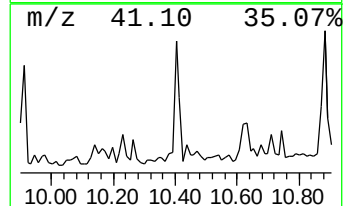
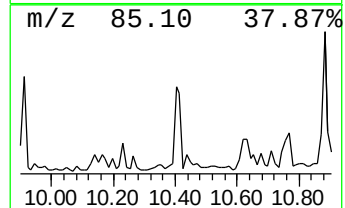
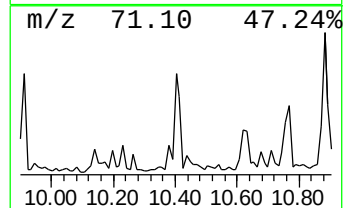
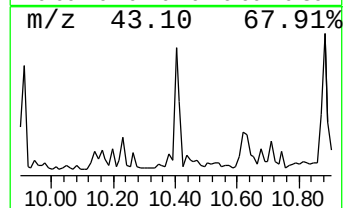
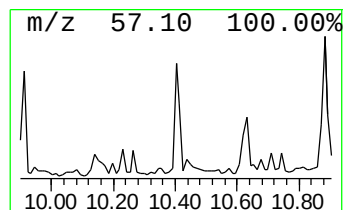
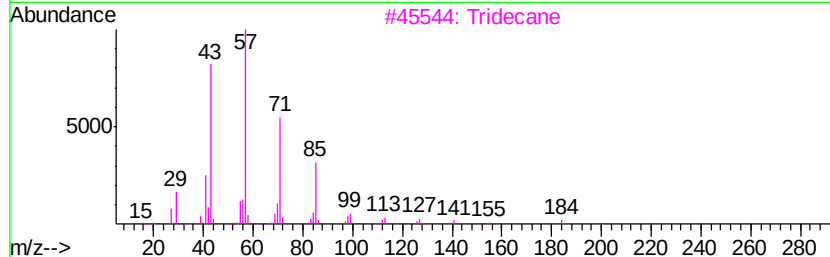
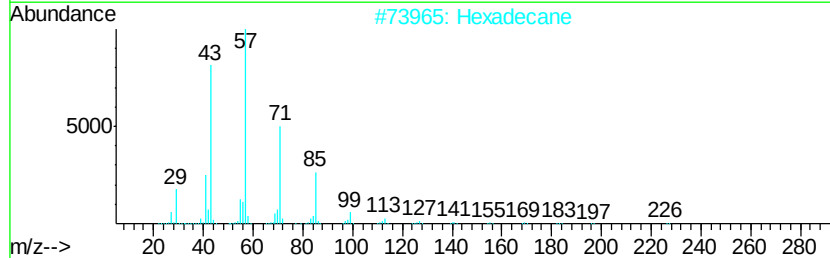
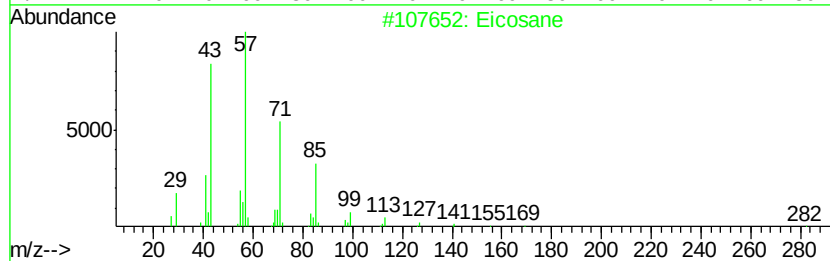
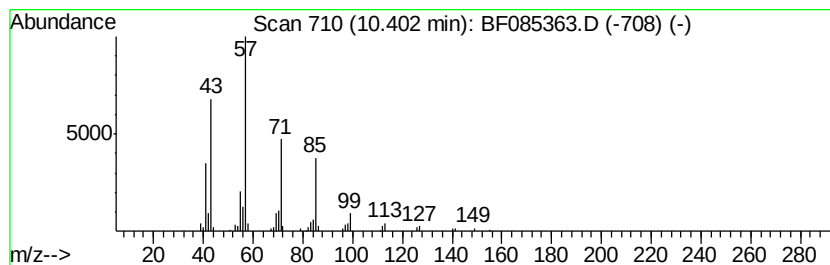
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.28 ng	134053	Acenaphthene-d10	9.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 91
2	Hexadecane		226 C16H34	000544-76-3 90
3	Tridecane		184 C13H28	000629-50-5 86
4	Heptadecane		240 C17H36	000629-78-7 86
5	Heneicosane		296 C21H44	000629-94-7 86



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ALS Vial : 33 Sample Multiplier: 1

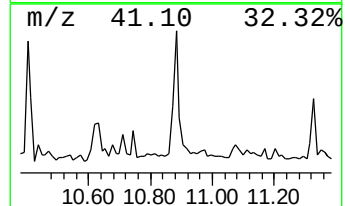
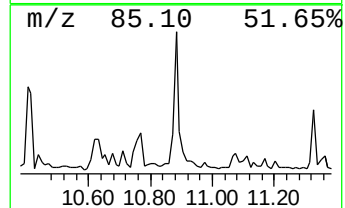
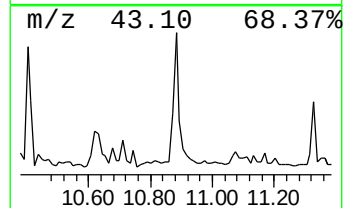
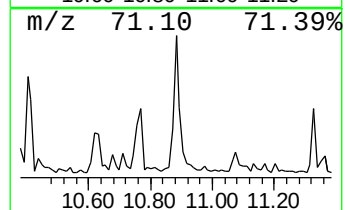
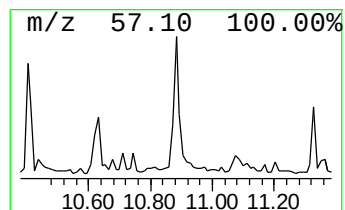
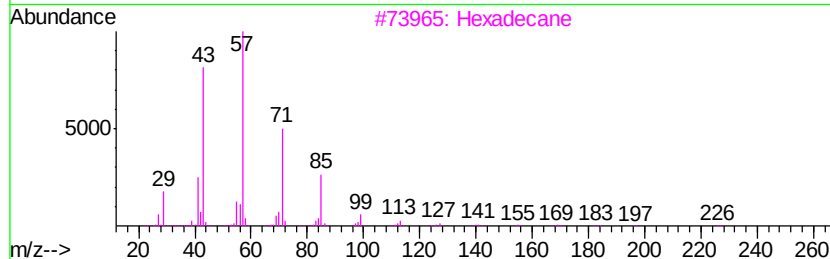
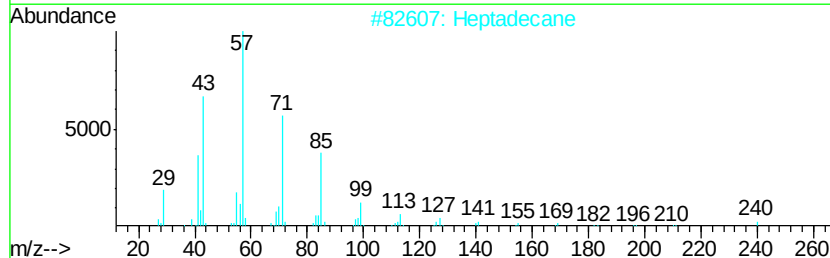
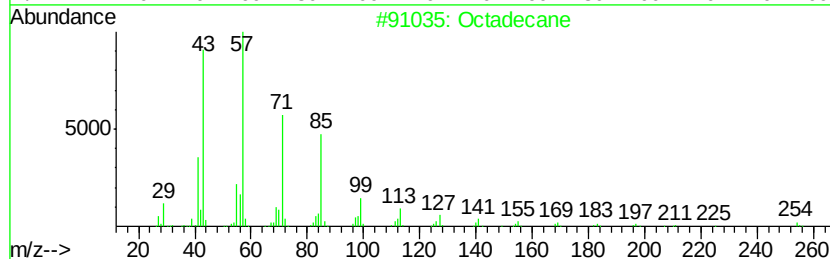
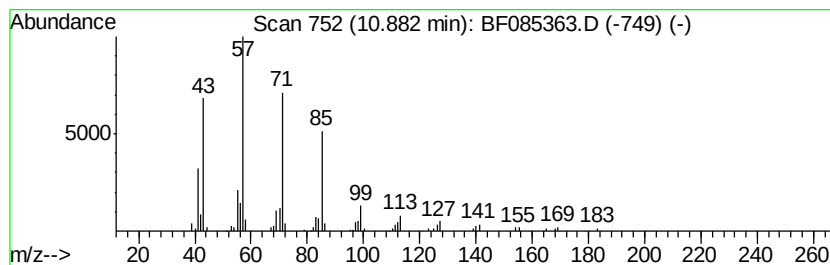
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.88	3.69 ng	192654	Phenanthrene-d10		11.46
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Eicosane	282	C20H42	000112-95-8	87



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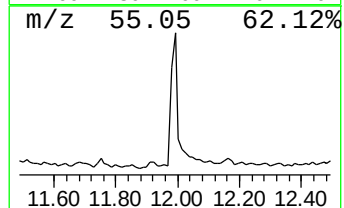
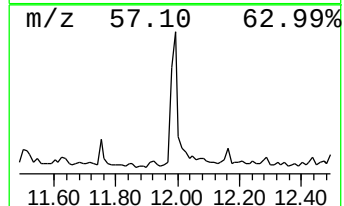
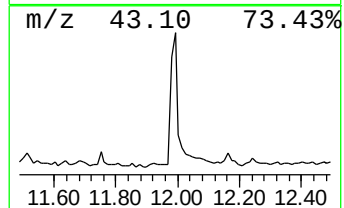
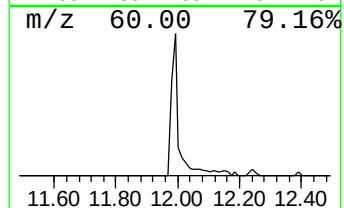
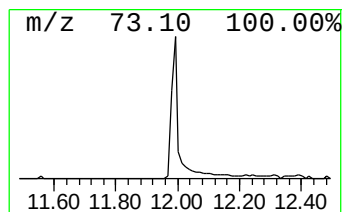
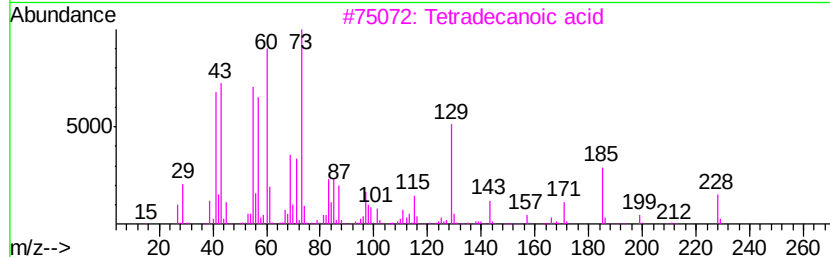
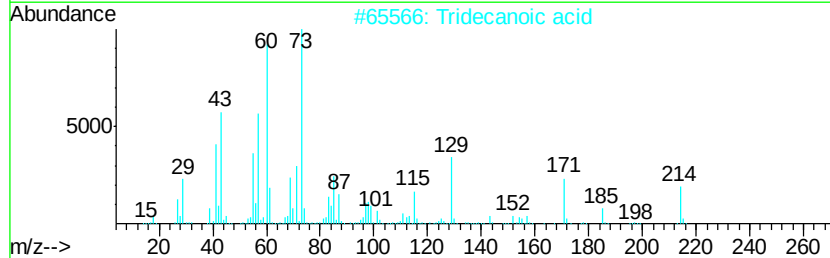
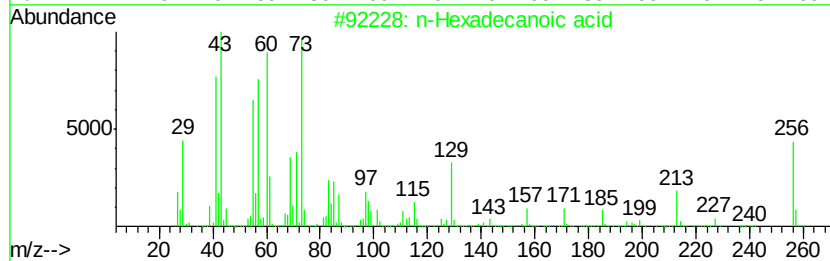
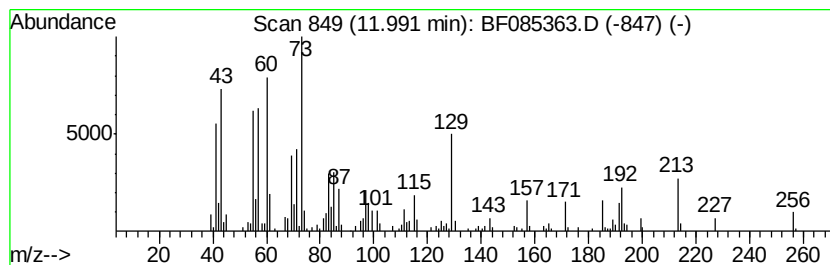
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	5.00 ng	260900	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



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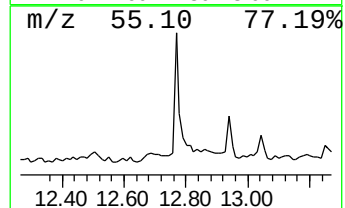
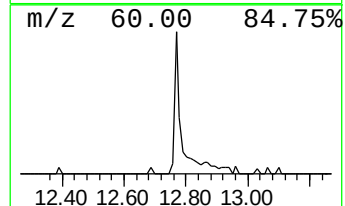
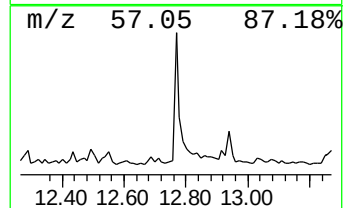
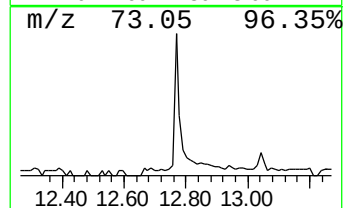
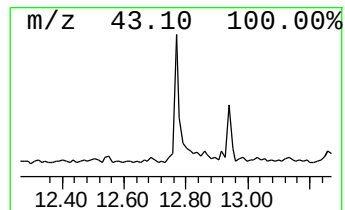
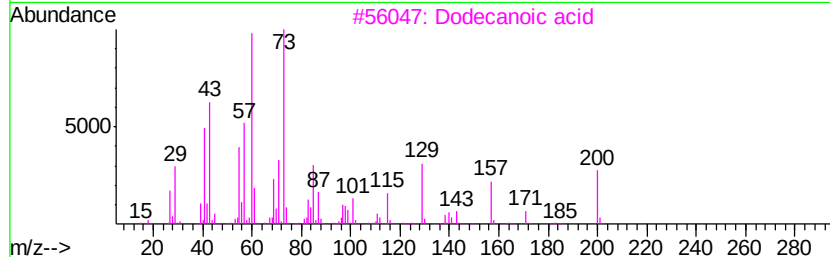
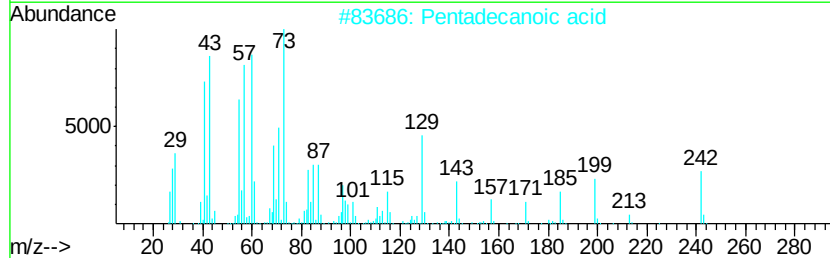
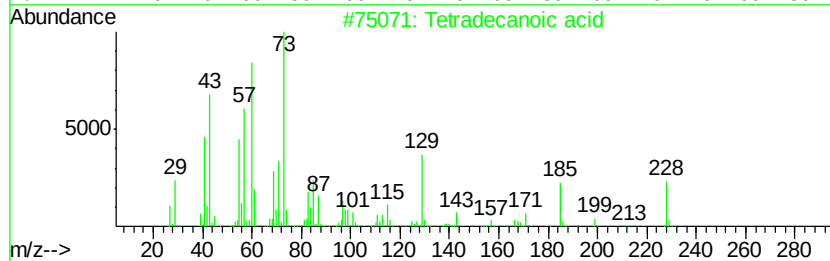
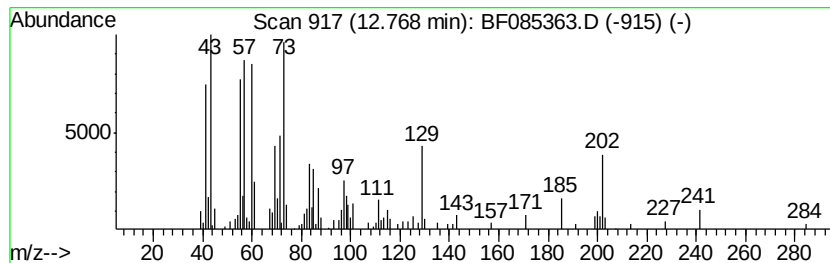
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ClientSampleId :
SB-21-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.77	2.76 ng	144165	Phenanthrene-d10		11.46		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3			Dodecanoic acid	200	C12H24O2	000143-07-7	62
4			Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	11
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	11



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085363.D
Acq On : 11 Mar 2016 5:34
Operator : UM/SJ
Sample : H1731-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

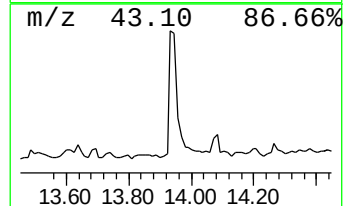
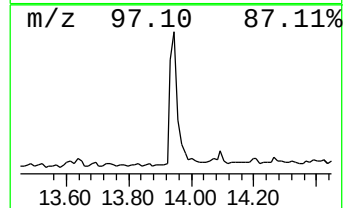
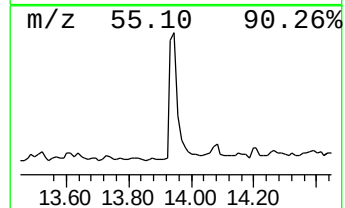
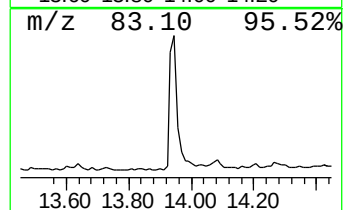
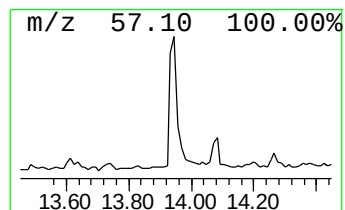
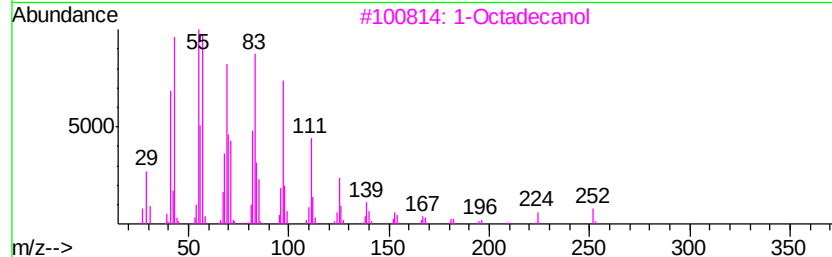
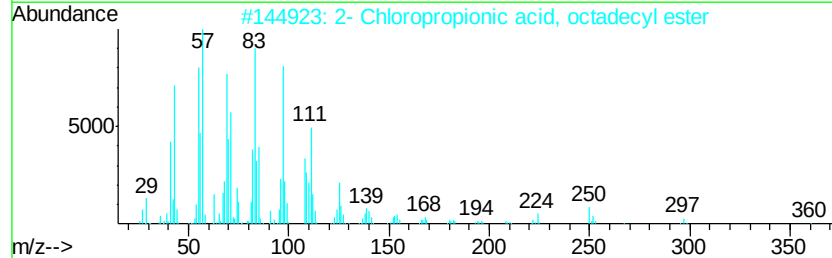
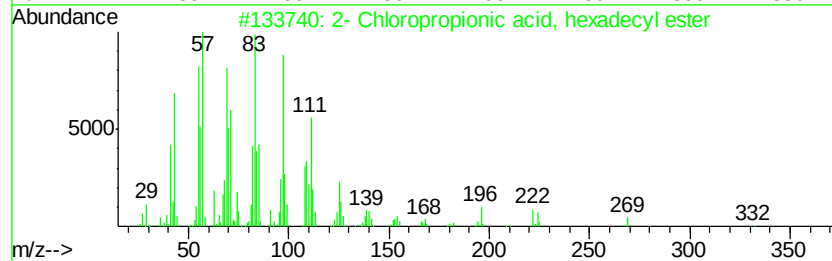
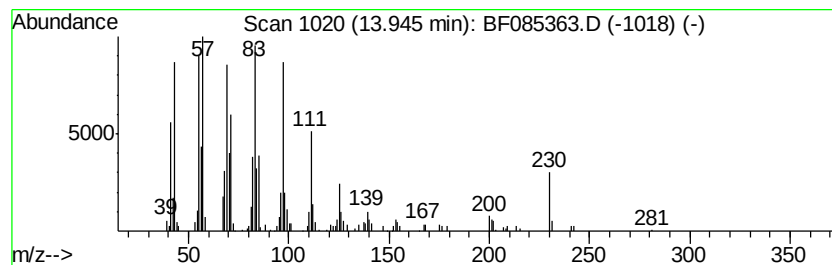
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2- Chloropropionic acid, he... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.60 ng	241278	Chrysene-d12	14.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-	Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
2	2-	Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	1-Octadecanol		270	C18H38O	000112-92-5	93
4	Trifluoroacetic acid, n-octadecy...		366	C20H37F3O2	079392-43-1	91
5	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	90



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085363.D
Acq On : 11 Mar 2016 5:34
Operator : UM/SJ
Sample : H1731-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

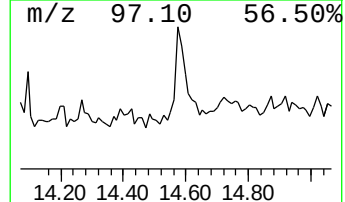
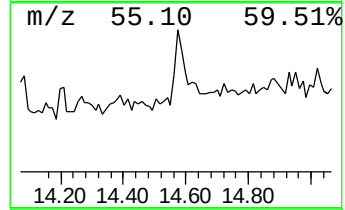
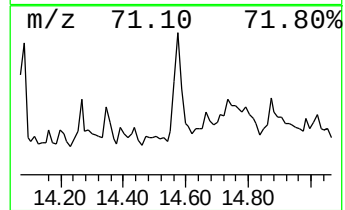
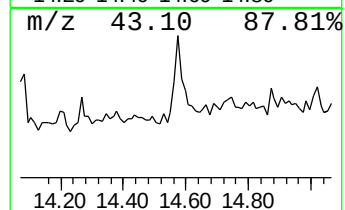
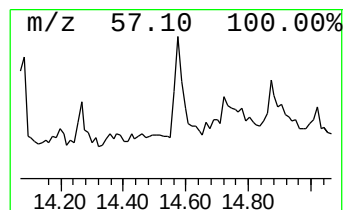
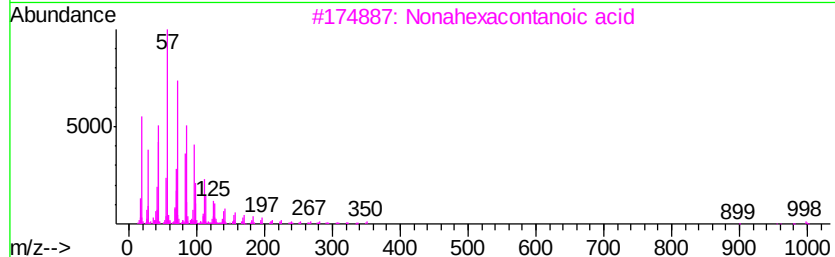
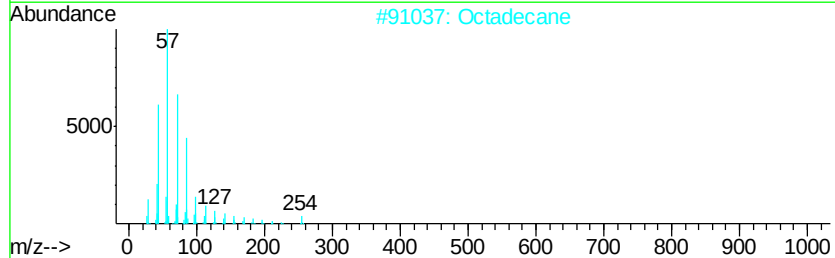
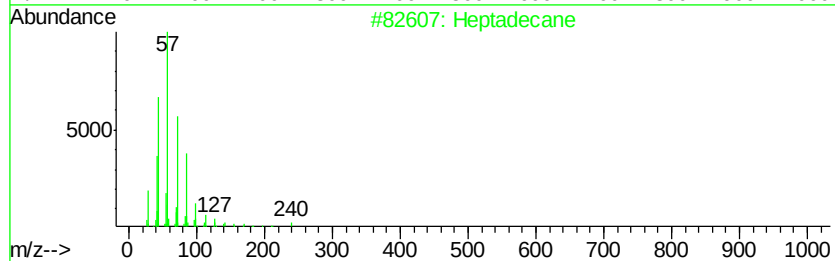
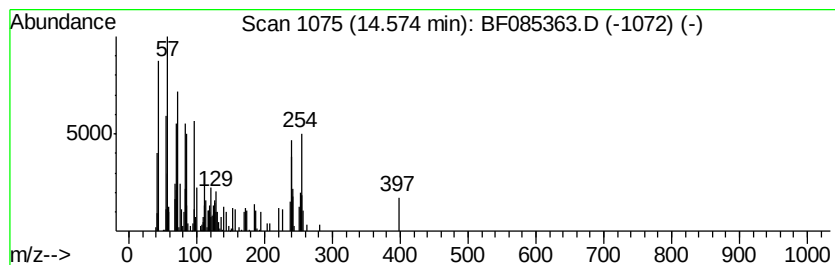
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.57 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.42 ng	126809	Chrysene-d12	14.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	43
2		Octadecane	254	C18H38	000593-45-3	35
3		Nonaheptacontanoic acid	999	C69H138O2	040710-32-5	18
4		Benzo[b]selenophene-2-carboxylic...	254	C11H10O2Se	020984-13-8	18
5		2-Methyl-1-undecanol	186	C12H26O	010522-26-6	14



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085363.D
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Sample : H1731-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

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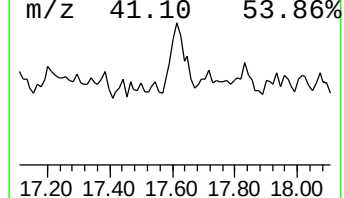
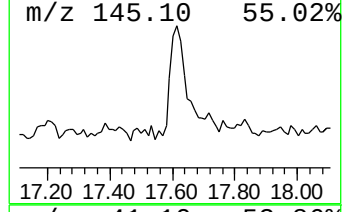
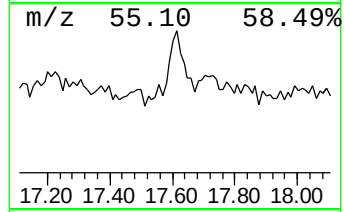
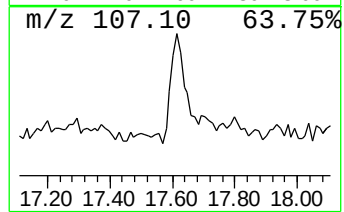
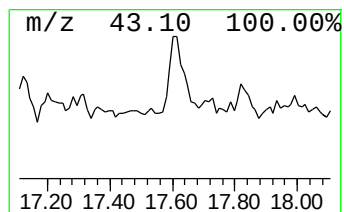
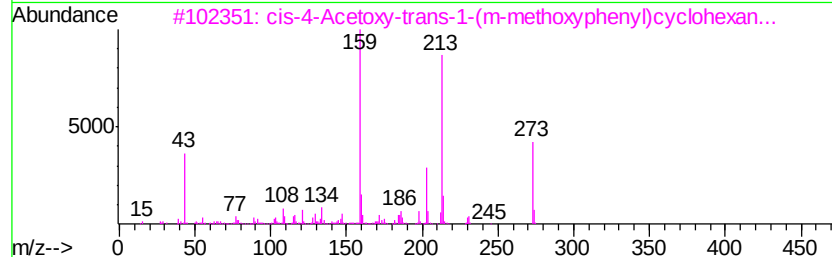
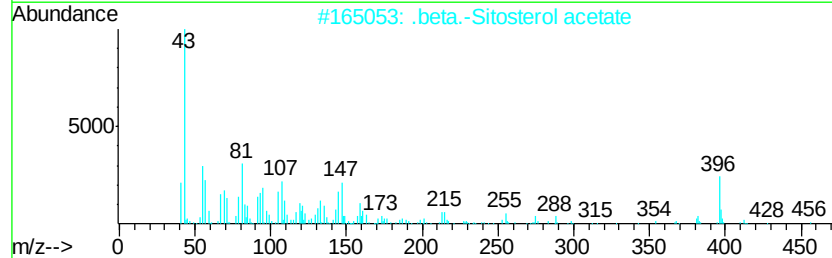
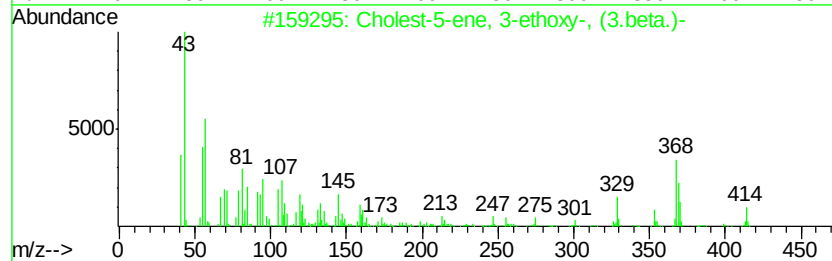
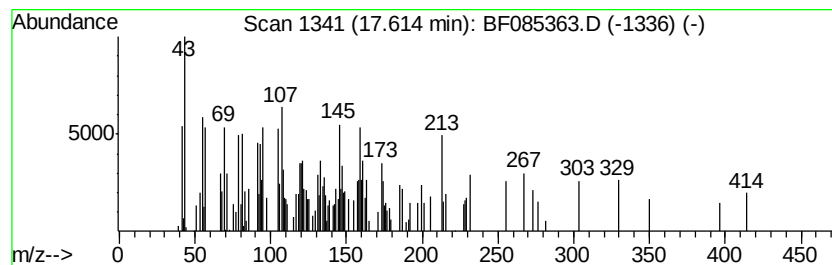
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown17.61 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	5.06 ng	198251	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	43
2		.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	23
3		cis-4-Acetoxy-trans-1-(m-methoxy...	273	C16H19NO3	1000241-10-4	22
4		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	22
5		Trilostane	329	C20H27NO3	013647-35-3	12



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.14	6.6 ng		314519	1	6.94	959334	20.0
unknown6.71	6.71	96.1 ng		4608100	1	6.94	959334	20.0
Eicosane	10.40	2.3 ng		134053	3	9.98	1176990	20.0
Octadecane	10.88	3.7 ng		192654	4	11.46	1042860	20.0
n-Hexadecanoic acid	11.99	5.0 ng		260900	4	11.46	1042860	20.0
Tetradecanoic acid	12.77	2.8 ng		144165	4	11.46	1042860	20.0
2- Chloropropioni...	13.95	4.6 ng		241278	5	14.09	1048140	20.0
unknown14.57	14.57	2.4 ng		126809	5	14.09	1048140	20.0
unknown17.61	17.61	5.1 ng		198251	6	15.56	783509	20.0