

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093176.D
 Acq On : 25 Feb 2017 7:28
 Operator : SJ/MA
 Sample : I1973-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y5S-SW

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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	4.464	205	208	211	rVB	88158	119274	2.47%	0.286%
2	5.001	252	255	267	rBV	1378853	2099632	43.49%	5.038%
3	5.436	290	293	295	rBV	4144811	4827371	100.00%	11.584%
4	6.476	381	384	387	rBV	3550609	4646412	96.25%	11.150%
5	6.602	392	395	398	rBV	4071052	4207127	87.15%	10.096%
6	6.830	413	415	418	rBV	1054891	907097	18.79%	2.177%
7	6.990	427	429	431	rBV	3681195	3337942	69.15%	8.010%
8	7.402	462	465	468	rBV	2170761	2960843	61.33%	7.105%
9	8.122	526	528	530	rBV	1392391	1176982	24.38%	2.824%
10	9.208	620	623	625	rBV	3254056	4360576	90.33%	10.464%
11	9.596	655	657	659	rBV	265607	214972	4.45%	0.516%
12	9.882	679	682	683	rBV	869726	1086966	22.52%	2.608%
13	9.905	683	684	687	rVB	50118	50217	1.04%	0.121%
14	10.305	718	719	721	rVB	68815	60943	1.26%	0.146%
15	10.671	748	751	753	rBV	1936085	2037667	42.21%	4.890%
16	10.785	759	761	764	rVB	85098	114108	2.36%	0.274%
17	11.231	797	800	801	rBV	81930	88594	1.84%	0.213%
18	11.368	809	812	816	rBV2	619517	1195212	24.76%	2.868%
19	11.436	816	818	820	rVB	82501	79157	1.64%	0.190%
20	11.974	863	865	870	rVB3	54320	90565	1.88%	0.217%
21	12.579	916	918	920	rBV	316529	333969	6.92%	0.801%
22	12.808	932	938	940	rBV2	246249	387493	8.03%	0.930%
23	12.945	948	950	953	rVB	2097555	2716127	56.27%	6.518%
24	13.128	963	966	968	rVB	36459	70790	1.47%	0.170%
25	13.848	1027	1029	1033	rVB2	156310	204579	4.24%	0.491%
26	13.997	1039	1042	1047	rBV2	731351	1198749	24.83%	2.877%
27	14.465	1081	1083	1086	rBV4	42696	84440	1.75%	0.203%
28	15.025	1129	1132	1136	rBV	138504	280289	5.81%	0.673%
29	15.082	1136	1137	1139	rVB	61498	79167	1.64%	0.190%
30	15.311	1155	1157	1160	rBV	70183	101086	2.09%	0.243%
31	15.380	1160	1163	1165	rVB	89816	138532	2.87%	0.332%
32	15.437	1165	1168	1173	rBV	655950	946764	19.61%	2.272%
33	15.860	1202	1205	1209	rBV	160842	256574	5.31%	0.616%
34	16.340	1243	1247	1256	rVB2	137688	304647	6.31%	0.731%

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35	16.843	1287	1291	1292	rBV	35888	69282	1.44%	0.166%
36	16.888	1292	1295	1301	rVB	106688	235635	4.88%	0.565%
37	17.266	1325	1328	1334	rVB	26932	69346	1.44%	0.166%
38	17.551	1346	1353	1359	rVB2	84592	228953	4.74%	0.549%
39	18.328	1416	1421	1428	rBV2	49969	170431	3.53%	0.409%
40	19.254	1496	1502	1508	rBV3	35879	134459	2.79%	0.323%

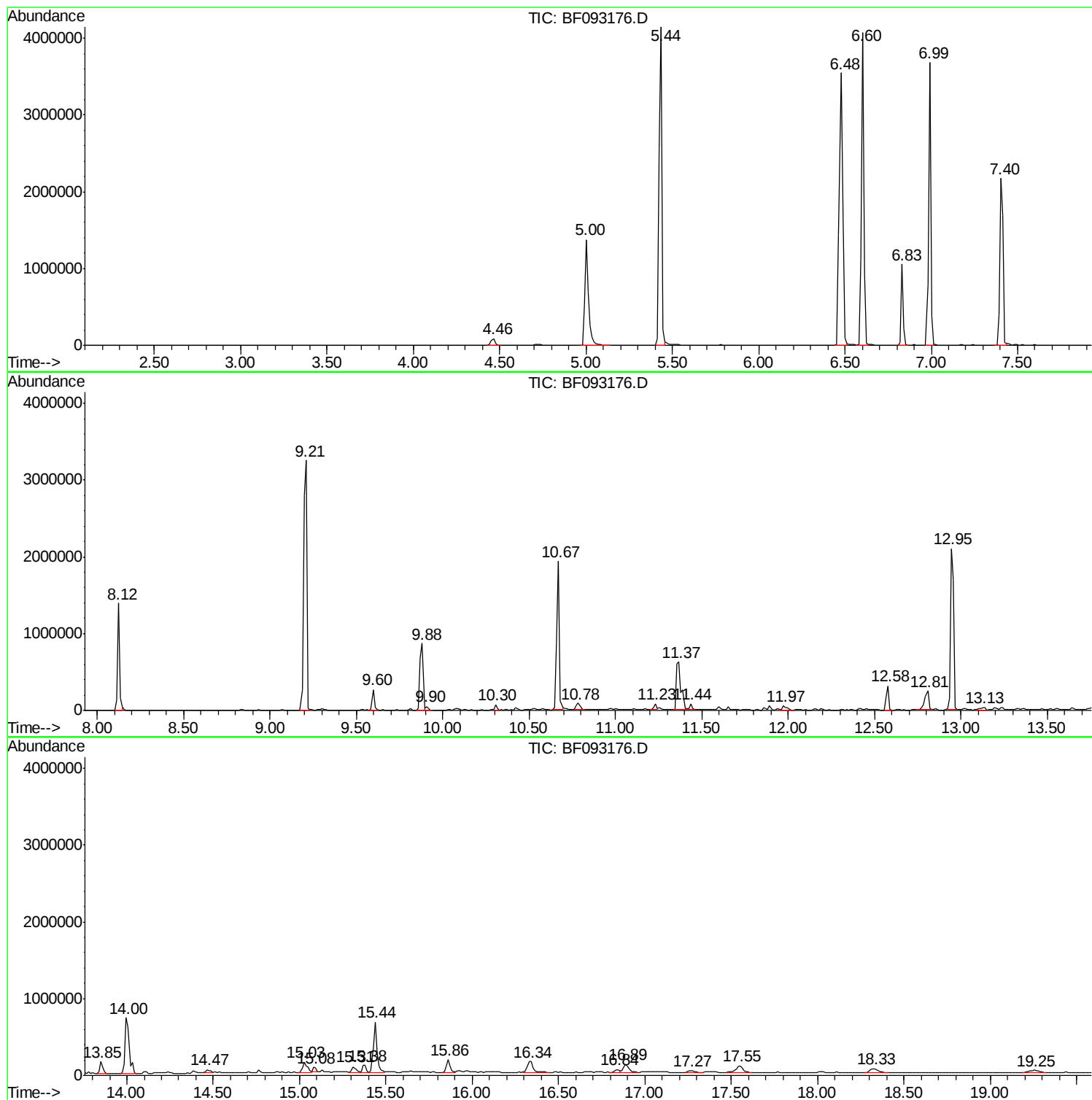
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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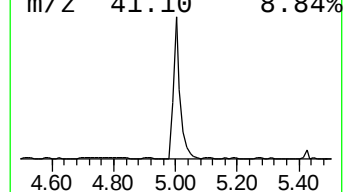
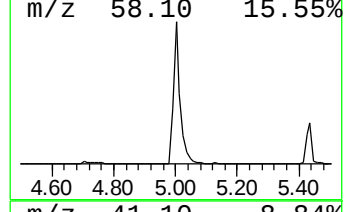
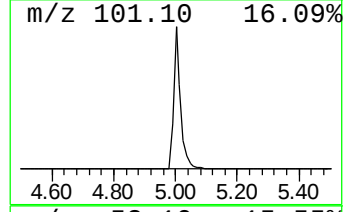
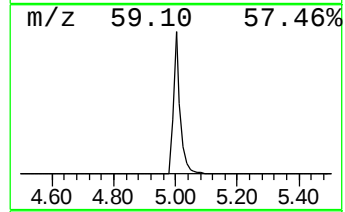
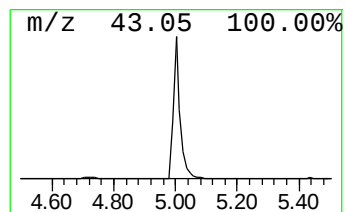
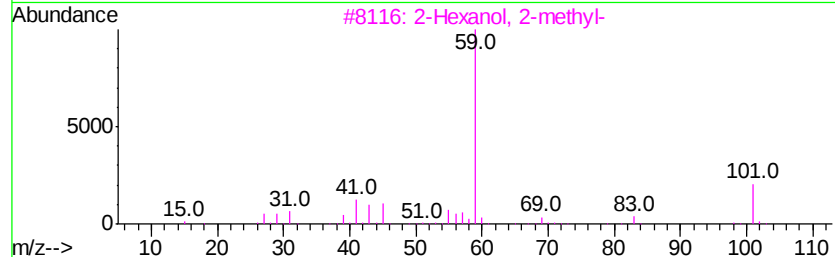
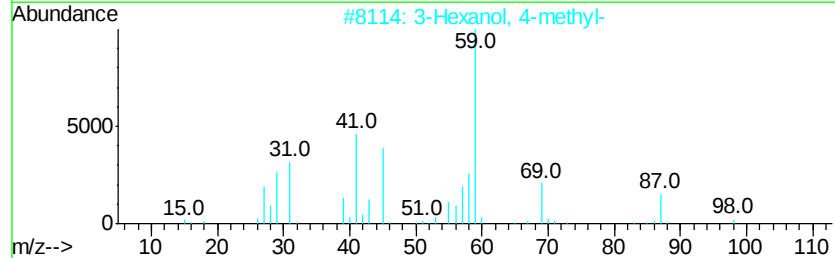
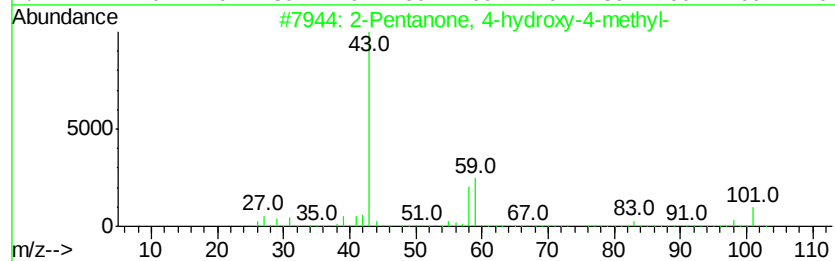
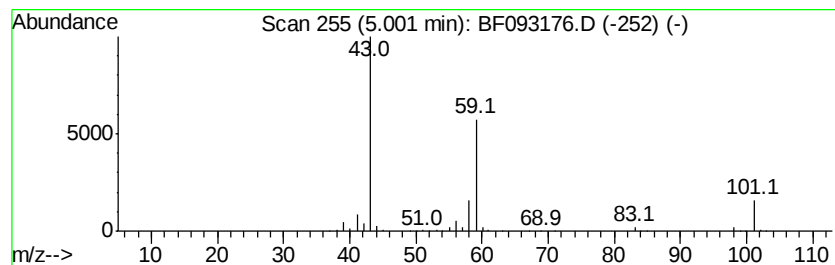
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	46.29 ng	2099630	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9



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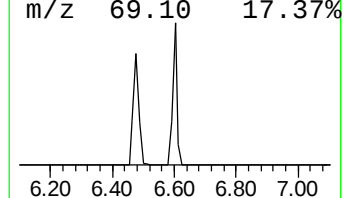
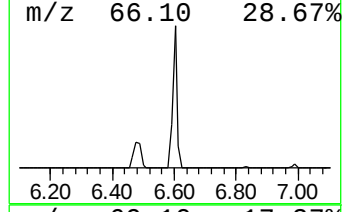
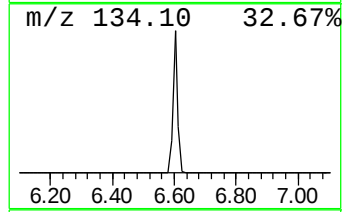
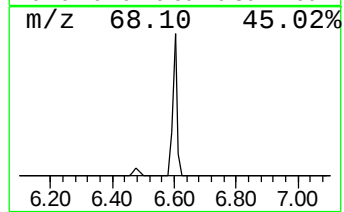
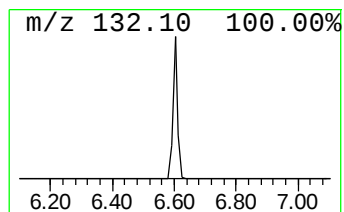
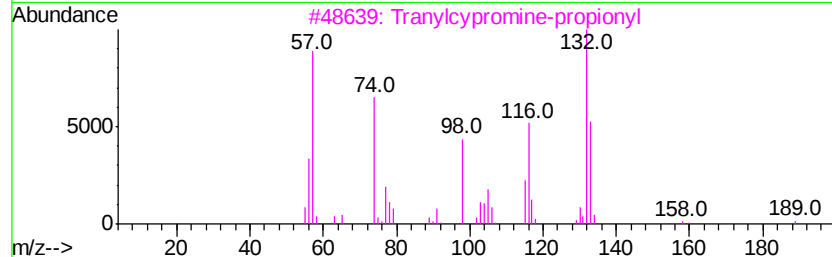
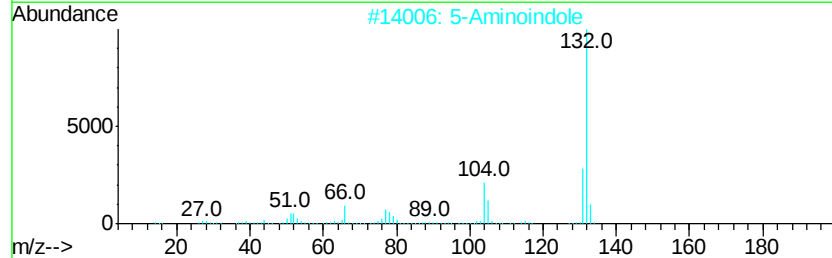
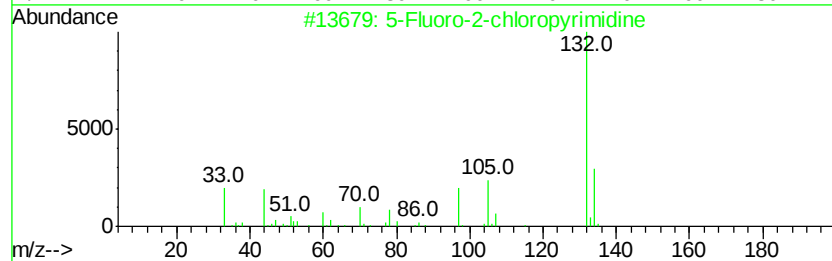
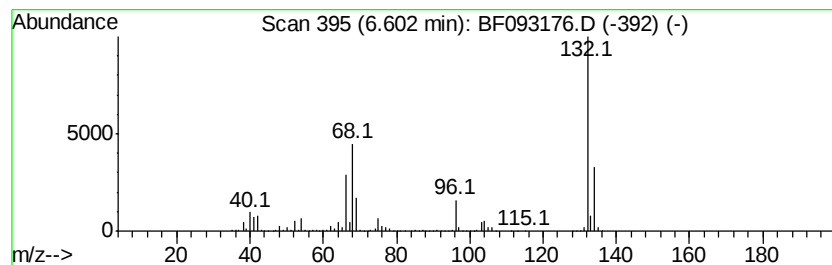
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Peak Number 3 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	92.76 ng	4207130	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypramine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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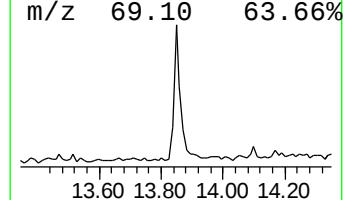
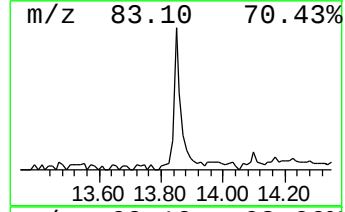
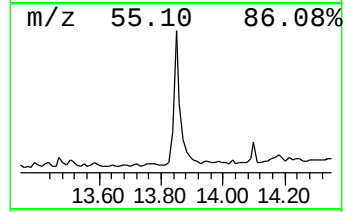
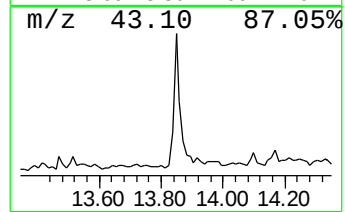
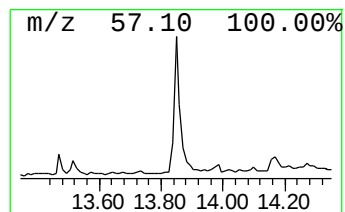
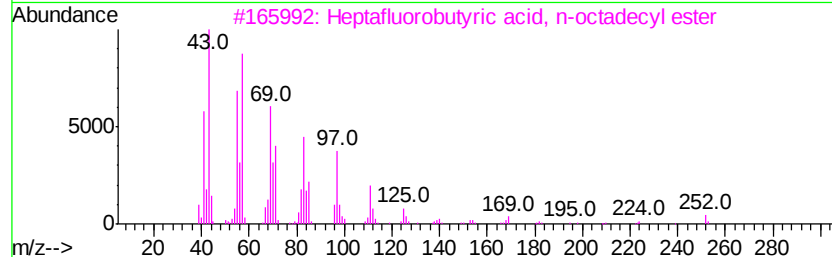
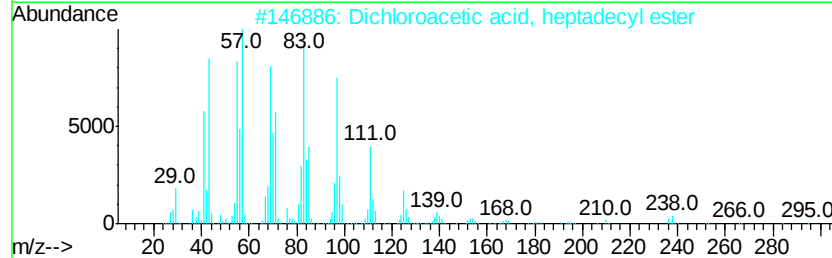
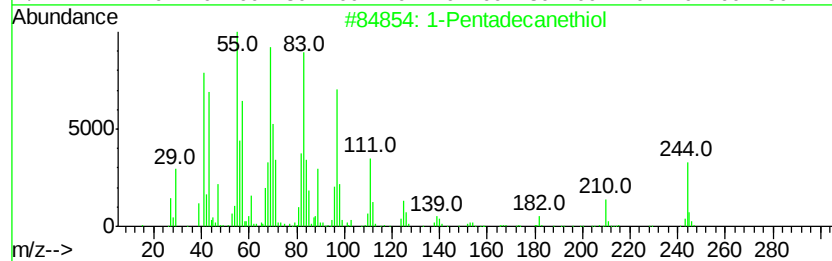
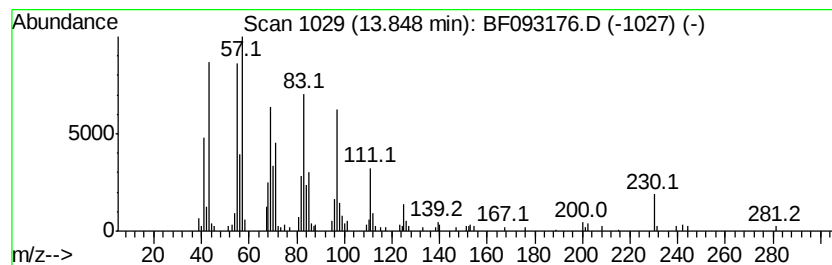
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Peak Number 5 1-Pentadecanethiol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.41 ng	204579	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentadecanethiol	244	C15H32S	025276-70-4	96
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		2-Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91



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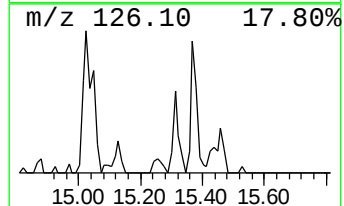
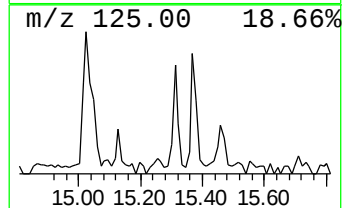
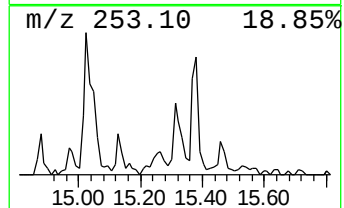
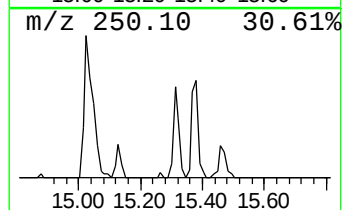
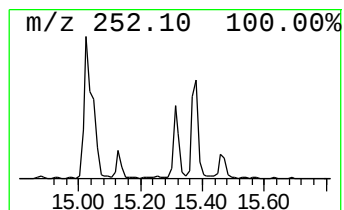
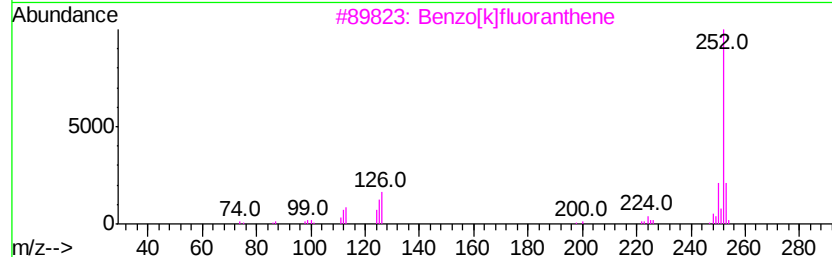
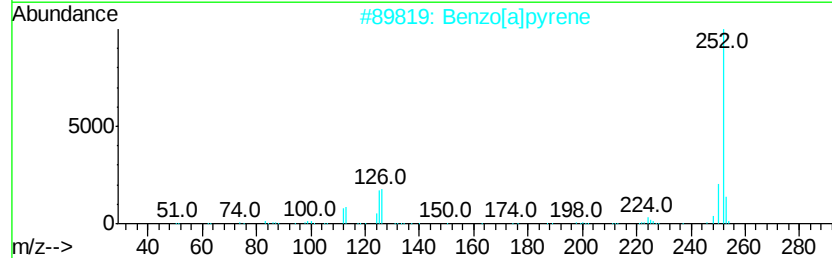
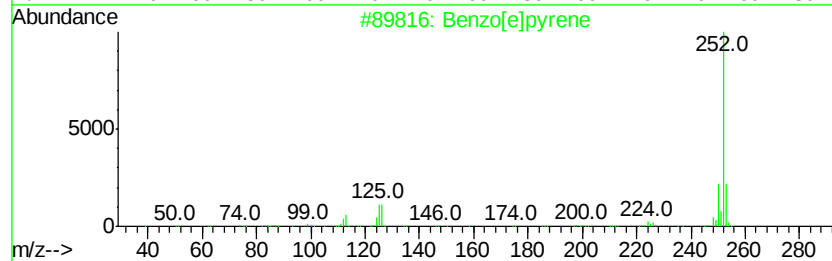
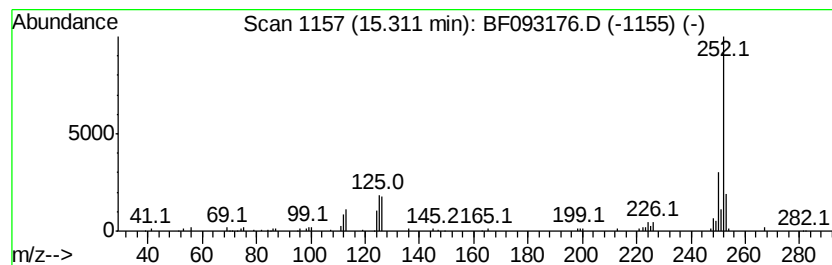
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Peak Number 6 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.14 ng	101086	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91



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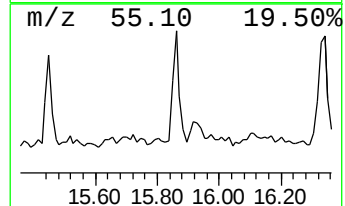
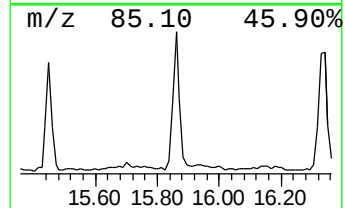
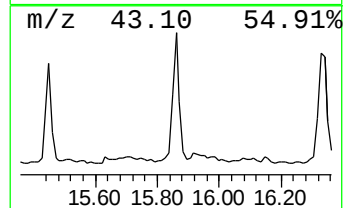
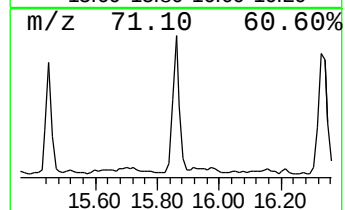
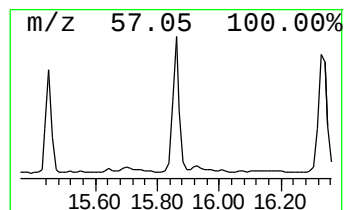
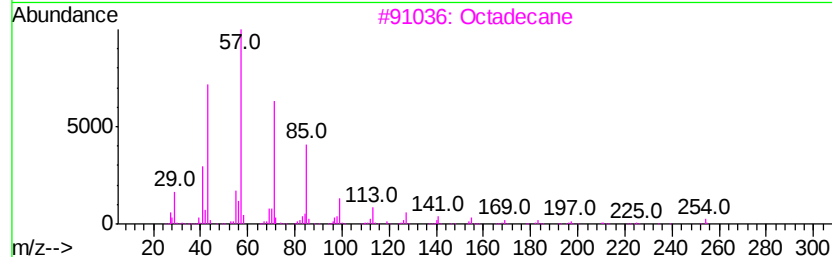
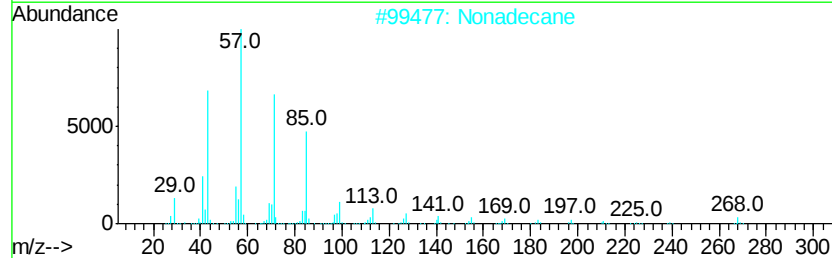
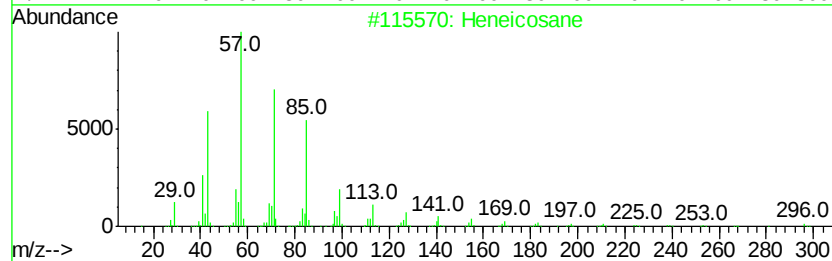
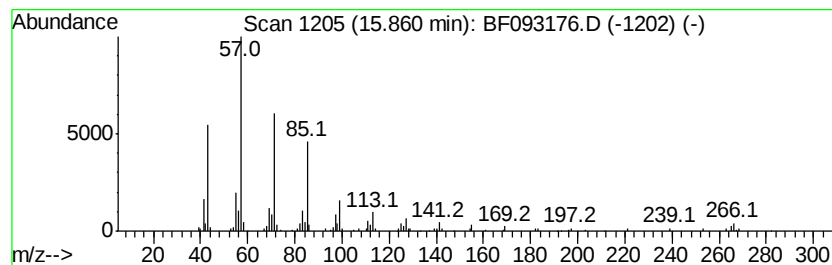
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Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	5.42 ng	256574	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Nonadecane		268	C19H40	000629-92-5	87
3	Octadecane		254	C18H38	000593-45-3	87
4	Heptacosane		380	C27H56	000593-49-7	87
5	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093176.D
Acq On : 25 Feb 2017 7:28
Operator : SJ/MA
Sample : I1973-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-Y5S-SW

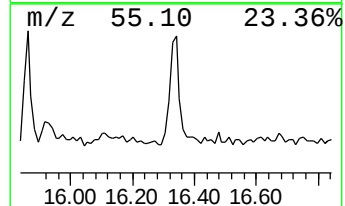
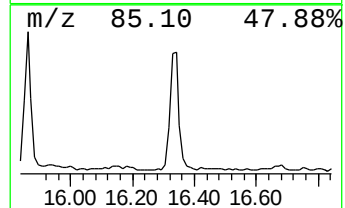
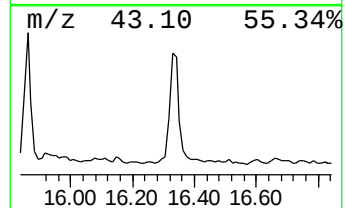
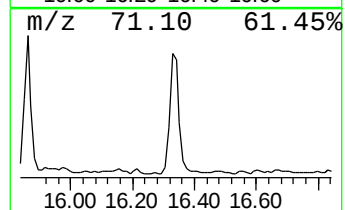
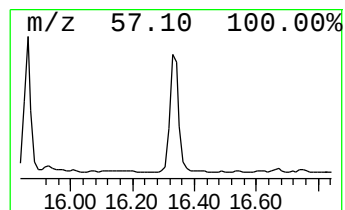
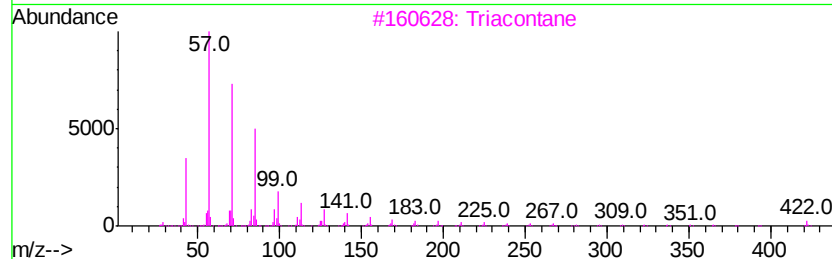
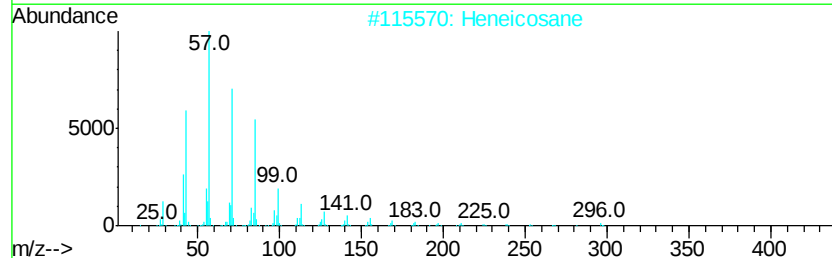
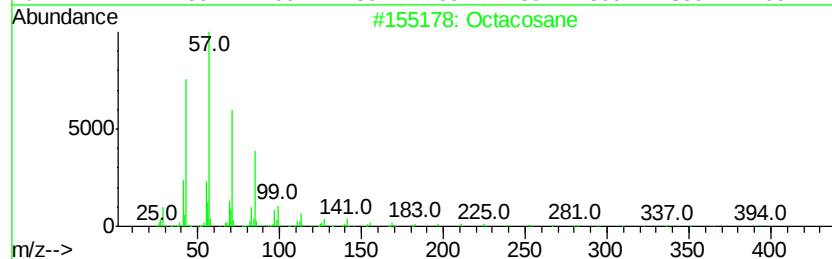
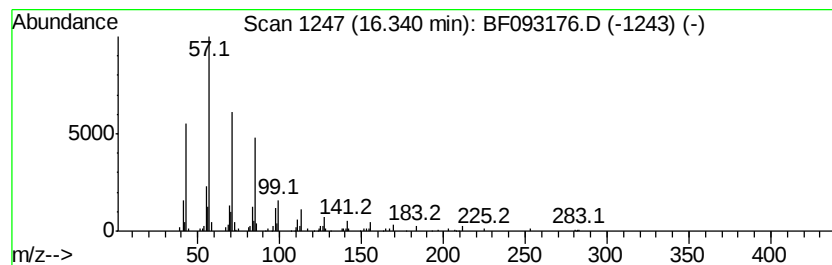
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	6.44 ng	304647	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Triacontane		422	C30H62	000638-68-6	91
4	Hentriacontane		437	C31H64	000630-04-6	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093176.D
Acq On : 25 Feb 2017 7:28
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ClientSampleId :
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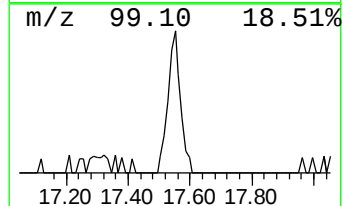
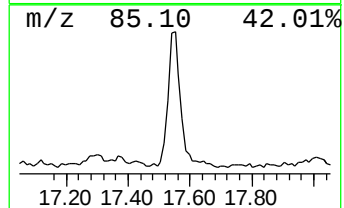
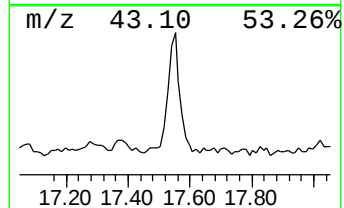
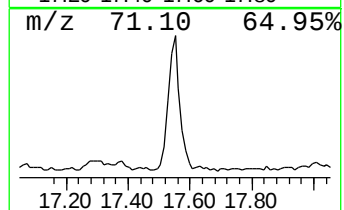
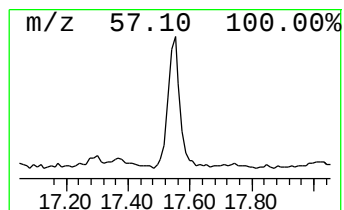
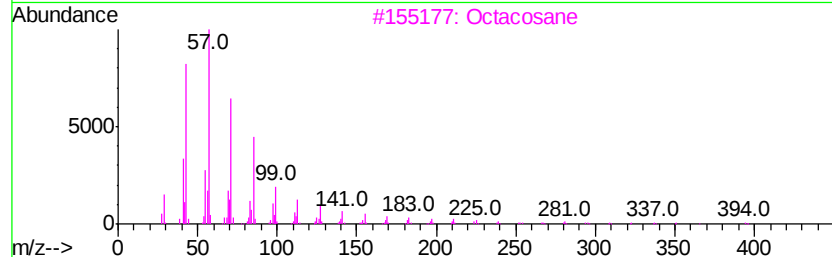
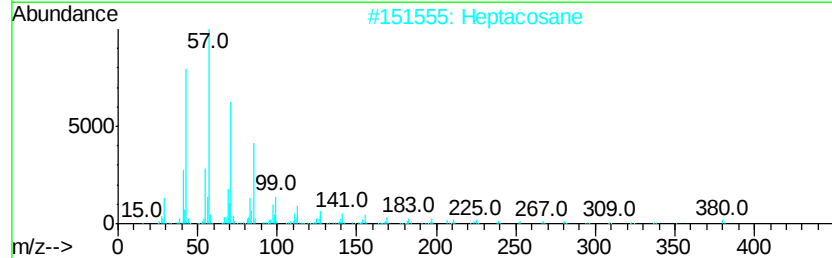
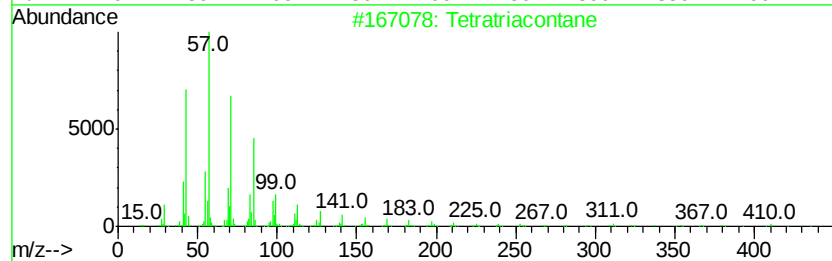
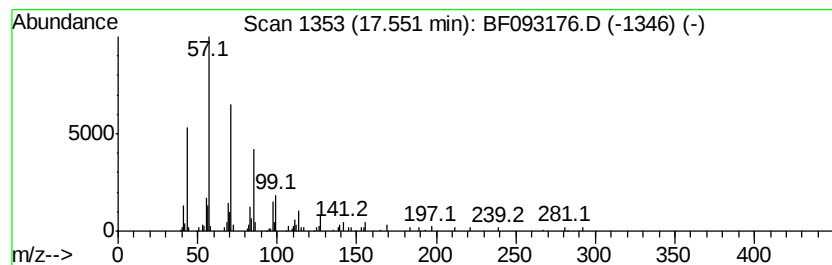
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	4.84 ng	228953	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Hentriacontane	437	C31H64	000630-04-6	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093176.D
Acq On : 25 Feb 2017 7:28
Operator : SJ/MA
Sample : I1973-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

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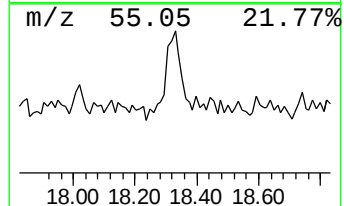
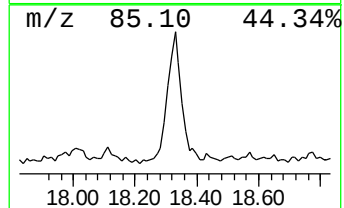
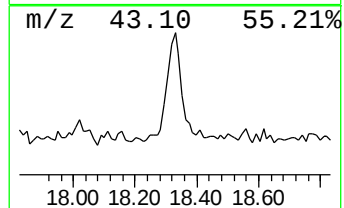
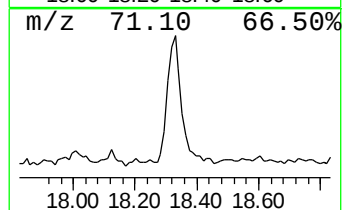
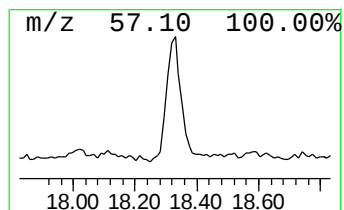
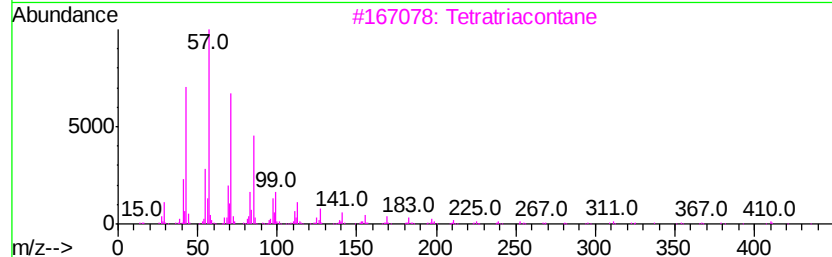
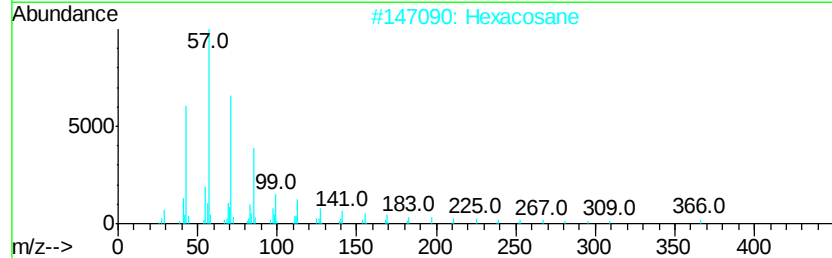
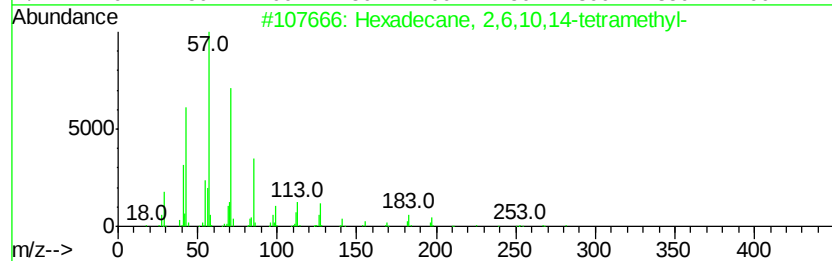
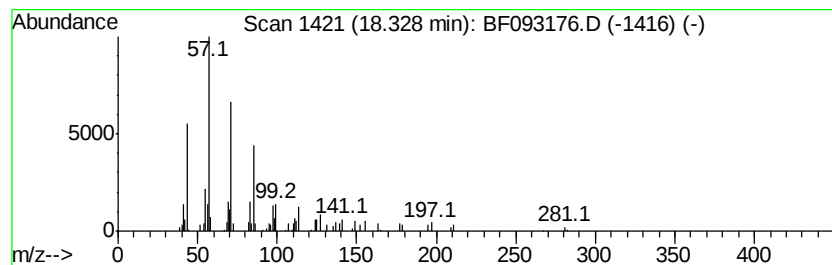
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	3.60 ng	170431	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
2			Hexacosane	366	C26H54	000630-01-3	90
3			Tetratriacontane	479	C34H70	014167-59-0	87
4			Octacosane	394	C28H58	000630-02-4	87
5			Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093176.D
Acq On : 25 Feb 2017 7:28
Operator : SJ/MA
Sample : I1973-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-Y5S-SW

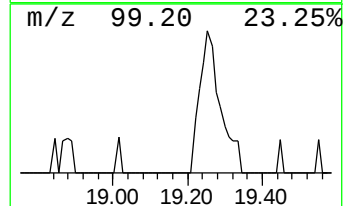
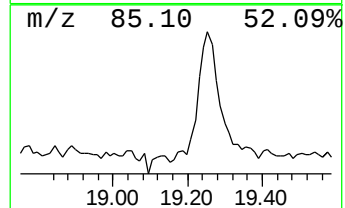
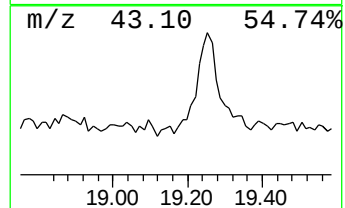
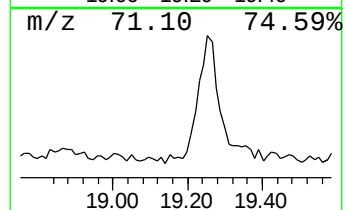
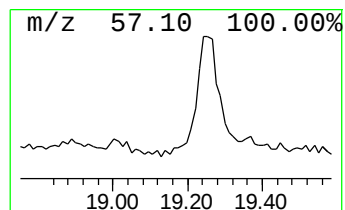
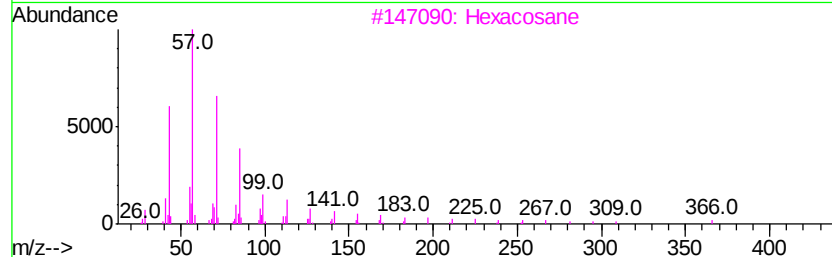
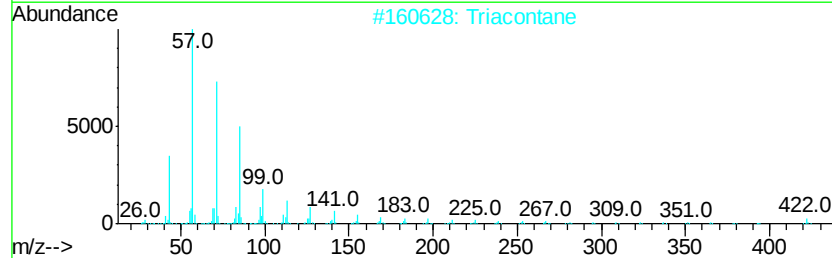
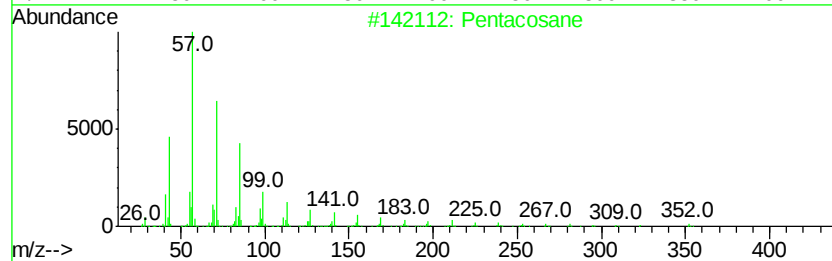
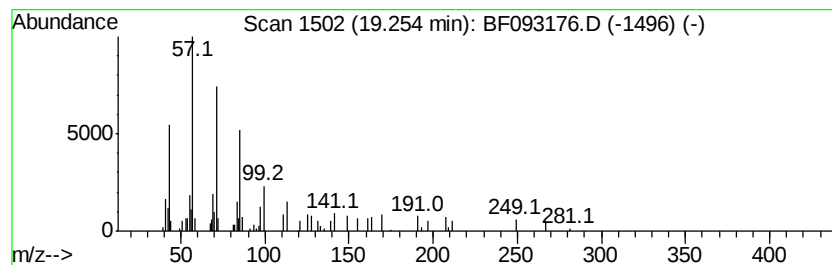
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	2.84 ng	134459	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Triacontane	422	C30H62	000638-68-6	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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Acq On : 25 Feb 2017 7:28
Operator : SJ/MA
Sample : I1973-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	5.00	46.3	ng	2099630	1	6.83	907097	20.0
unknown6.60	6.60	92.8	ng	4207130	1	6.83	907097	20.0
1-Pentadecanethiol	13.85	3.4	ng	204579	5	14.01	1198750	20.0
Benzo[e]pyrene	15.31	2.1	ng	101086	6	15.44	946764	20.0
Heneicosane	15.86	5.4	ng	256574	6	15.44	946764	20.0
Octacosane	16.34	6.4	ng	304647	6	15.44	946764	20.0
Tetratriacontane	17.55	4.8	ng	228953	6	15.44	946764	20.0
Hexadecane, 2,6,1...	18.33	3.6	ng	170431	6	15.44	946764	20.0
Pentacosane	19.25	2.8	ng	134459	6	15.44	946764	20.0