

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086945.D
 Acq On : 12 May 2016 22:20
 Operator : UM/SJ
 Sample : H2994-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1343-28.39(0-4)

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-BF050916.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	1.633	3	4	12	rVB	525258	818768	10.87%	1.958%
2	1.747	12	14	63	rVB	2974289	7530658	100.00%	18.007%
3	4.764	276	278	286	rBV	217556	422019	5.60%	1.009%
4	5.210	315	317	320	rBV	2566784	3275011	43.49%	7.831%
5	6.285	409	411	414	rBV	2815455	3288257	43.66%	7.863%
6	6.399	418	421	423	rVV	2776358	3556567	47.23%	8.504%
7	6.445	423	425	434	rVB2	60110	138989	1.85%	0.332%
8	6.616	438	440	443	rBV	861929	954246	12.67%	2.282%
9	6.776	451	454	456	rBV	3006609	2675614	35.53%	6.398%
10	7.199	488	491	493	rBV	1868386	2412455	32.04%	5.769%
11	7.908	551	553	558	rBV	1422585	1356296	18.01%	3.243%
12	8.616	613	615	618	rVV	70180	94098	1.25%	0.225%
13	8.719	621	624	626	rBV	100236	88775	1.18%	0.212%
14	8.993	645	648	650	rBV	3164010	3785704	50.27%	9.052%
15	9.073	653	655	658	rVB2	70304	76538	1.02%	0.183%
16	9.393	681	683	684	rBV	187301	241508	3.21%	0.577%
17	9.599	699	701	703	rBV	145198	138001	1.83%	0.330%
18	9.656	703	706	708	rBV	1435401	1274426	16.92%	3.047%
19	10.102	743	745	747	rVB	189641	162251	2.15%	0.388%
20	10.319	761	764	765	rBV	71186	82839	1.10%	0.198%
21	10.445	772	775	777	rBV	2174291	2087837	27.72%	4.992%
22	10.571	784	786	791	rVB	206241	283659	3.77%	0.678%
23	11.131	833	835	839	rBV	1197673	1119194	14.86%	2.676%
24	11.656	873	881	882	rBV2	36377	85606	1.14%	0.205%
25	11.679	882	883	887	rVV	192063	226985	3.01%	0.543%
26	12.342	938	941	942	rBV	106037	144184	1.91%	0.345%
27	12.468	948	952	957	rBV5	40821	108621	1.44%	0.260%
28	12.559	957	960	962	rVV2	135509	151495	2.01%	0.362%
29	12.719	971	974	976	rVV	2570168	2641777	35.08%	6.317%
30	13.622	1051	1053	1057	rBV3	80463	146870	1.95%	0.351%
31	13.760	1062	1065	1067	rBV	787099	986261	13.10%	2.358%
32	14.754	1149	1152	1157	rBV	143690	265171	3.52%	0.634%
33	14.834	1157	1159	1162	rBV2	52179	85739	1.14%	0.205%
34	15.005	1172	1174	1177	rBV	54961	82264	1.09%	0.197%

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PM-STA-1343-28.39(0-4)

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	15.063	1177	1179	1182	rVV	86319	109303	1.45%	0.261%
36	15.120	1182	1184	1190	rVB	679701	845423	11.23%	2.022%
37	16.366	1290	1293	1297	rBV	39163	76708	1.02%	0.183%

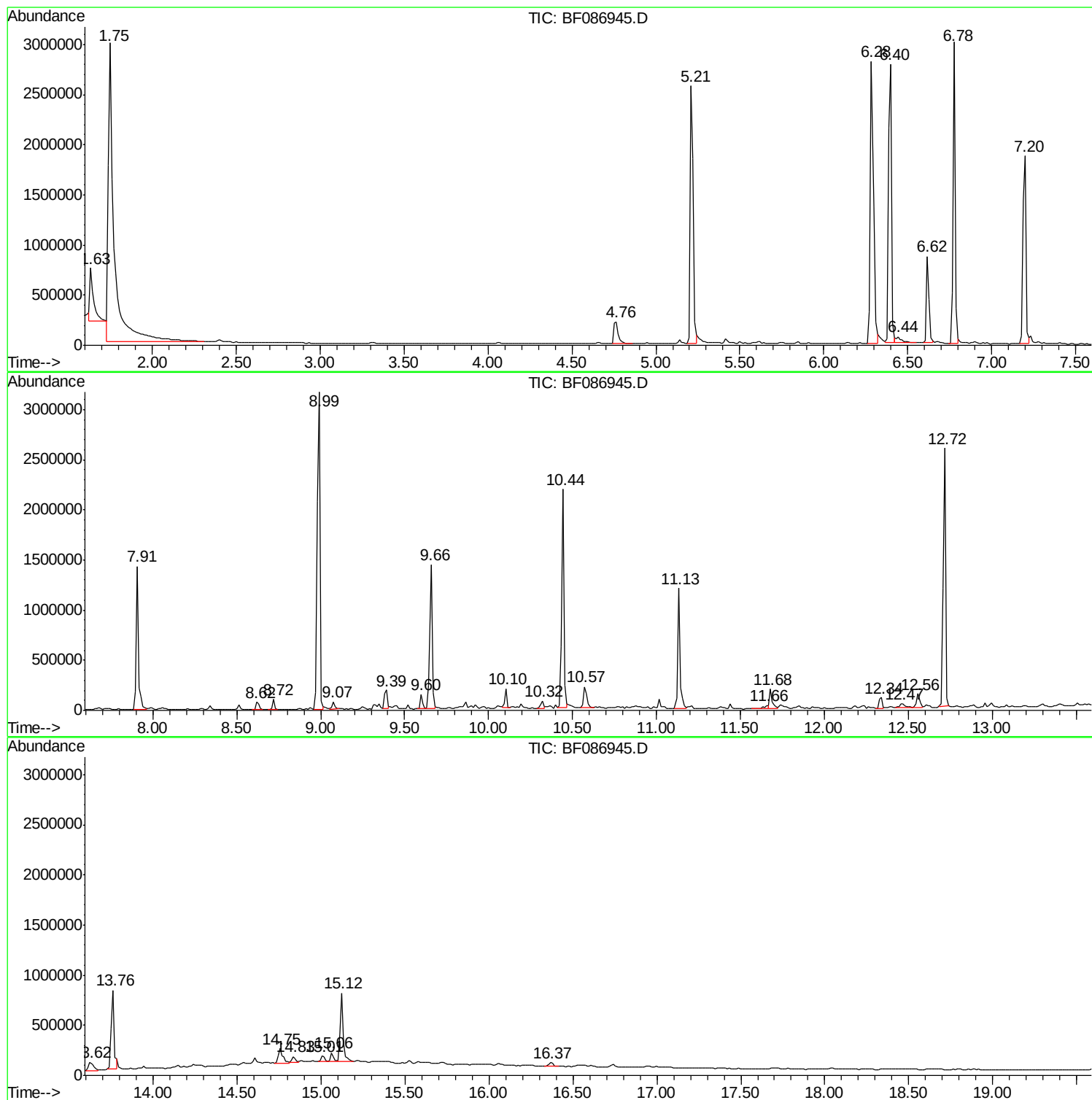
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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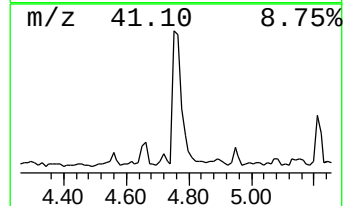
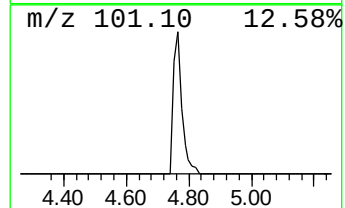
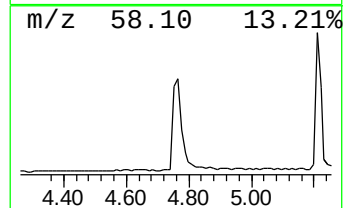
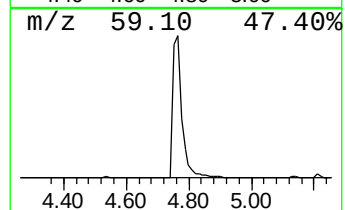
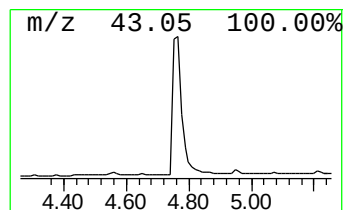
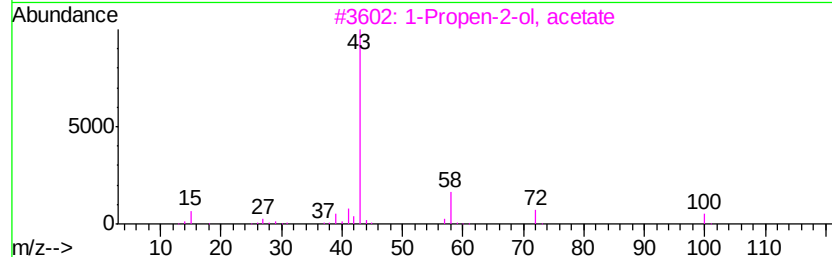
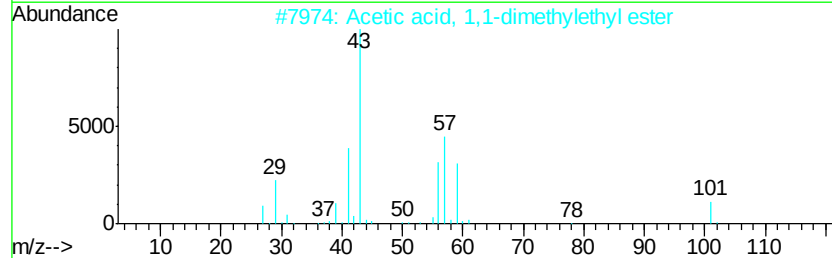
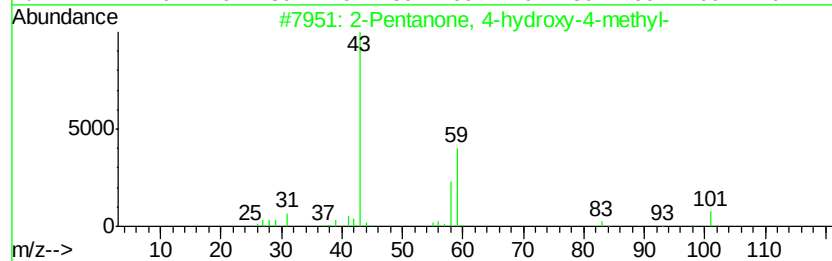
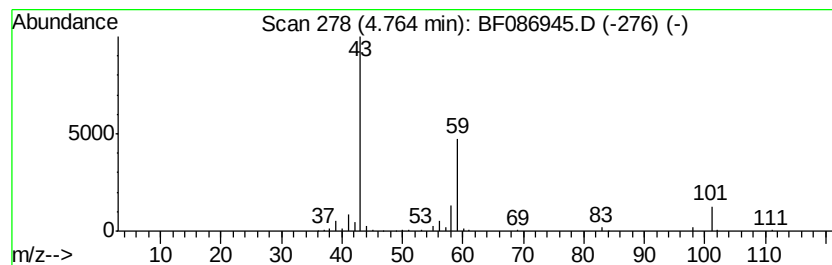
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	8.85 ng	422019	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Butane	58	C4H10	000106-97-8	9
5		Diacetamide	101	C4H7NO2	000625-77-4	9



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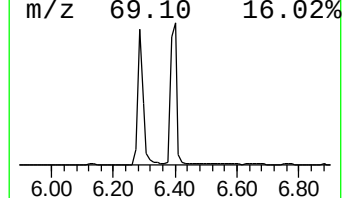
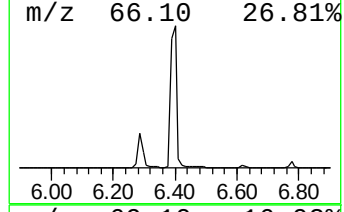
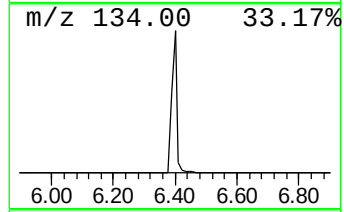
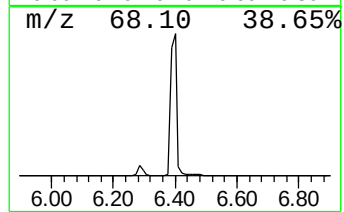
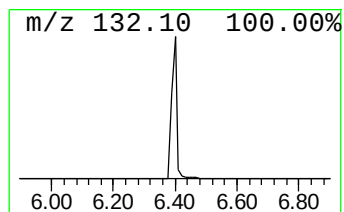
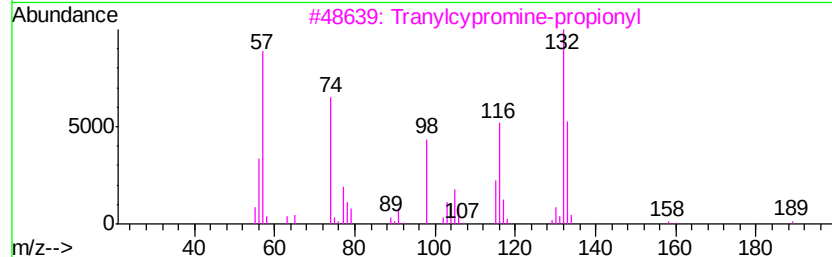
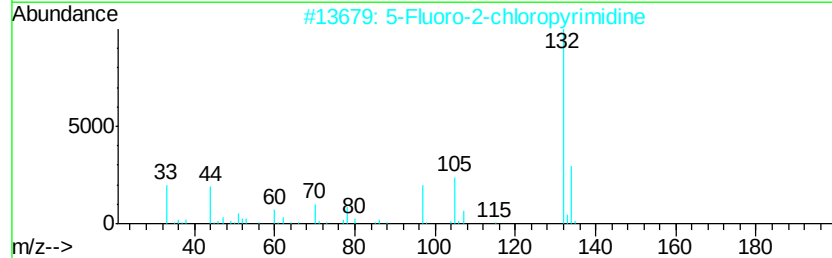
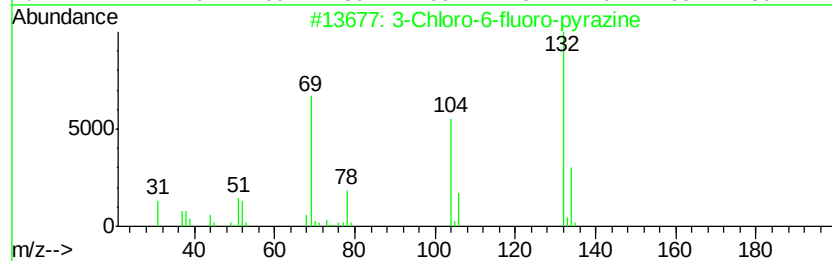
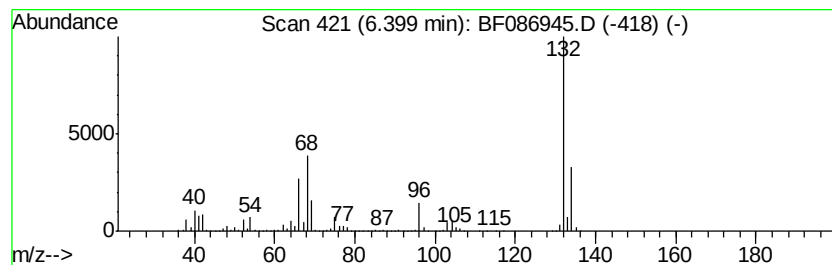
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	74.54 ng	3556570	1,4-Dichlorobenzene-d4	6.62

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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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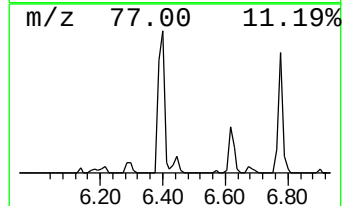
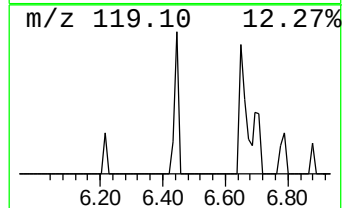
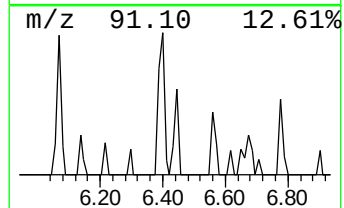
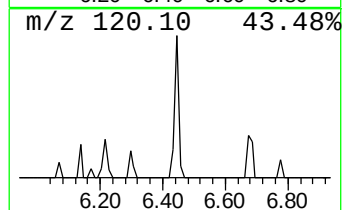
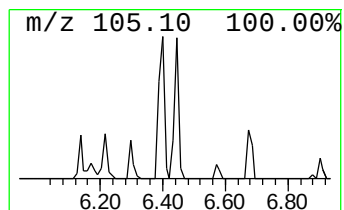
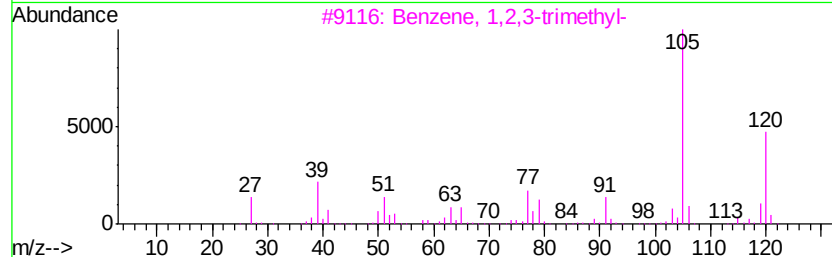
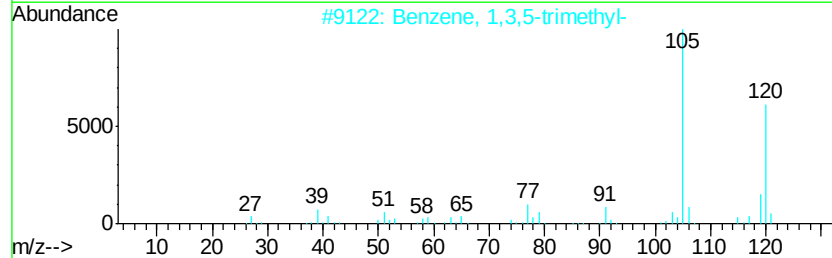
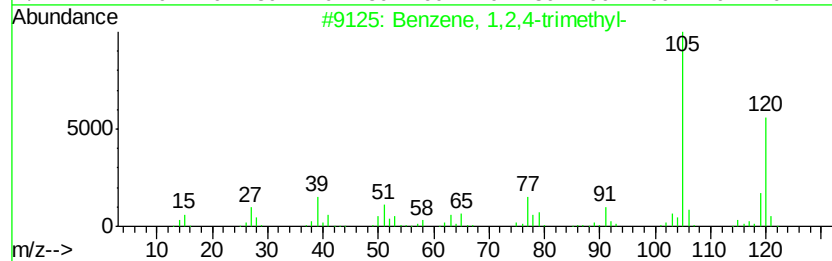
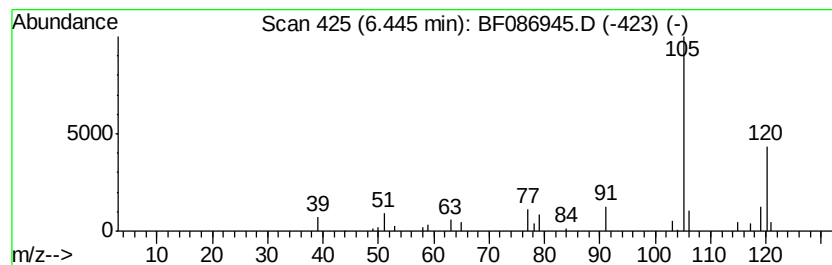
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	2.91 ng	138989	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	83
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83



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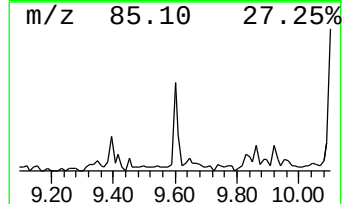
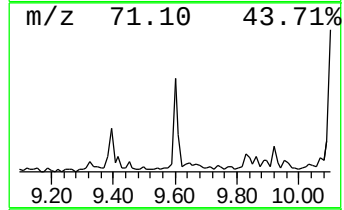
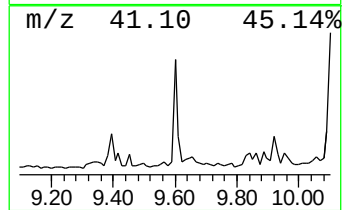
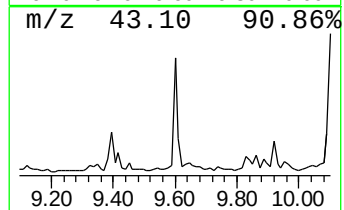
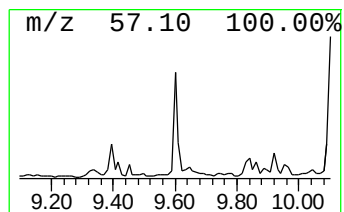
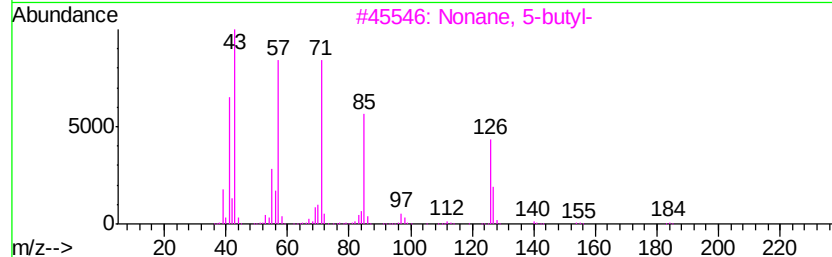
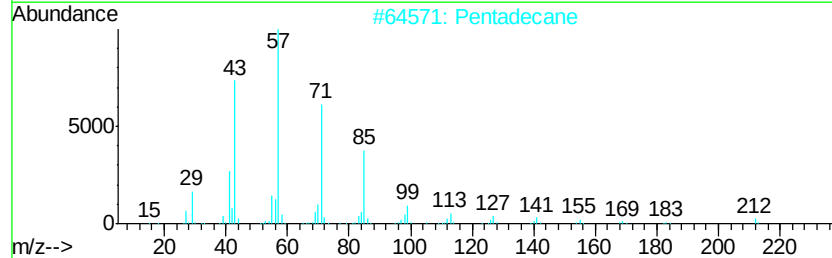
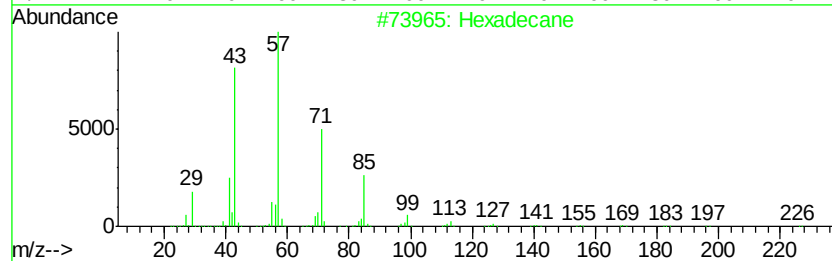
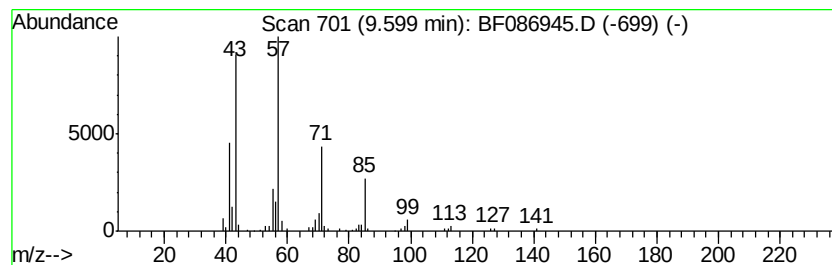
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.17 ng	138001	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Pentadecane	212	C15H32	000629-62-9	78
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	72
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64



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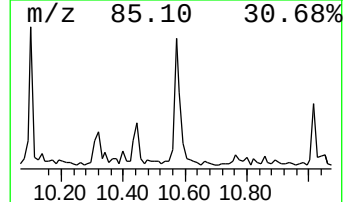
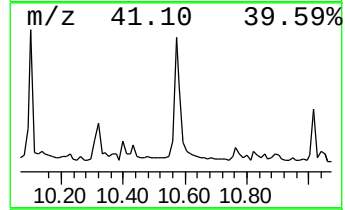
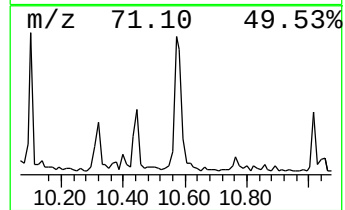
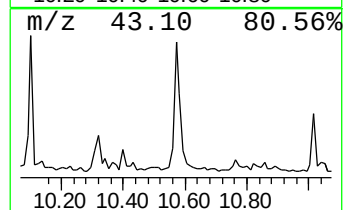
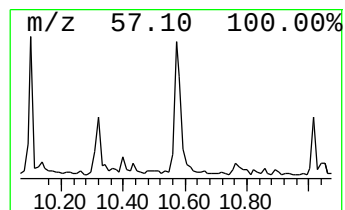
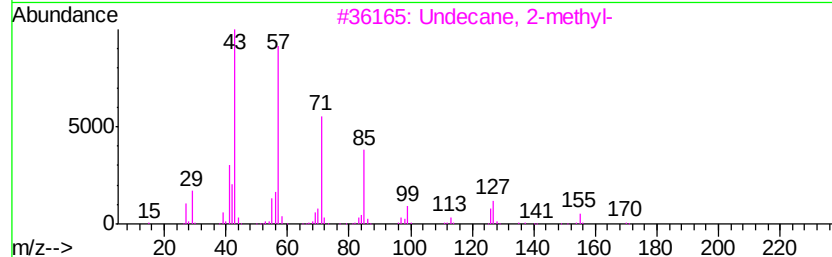
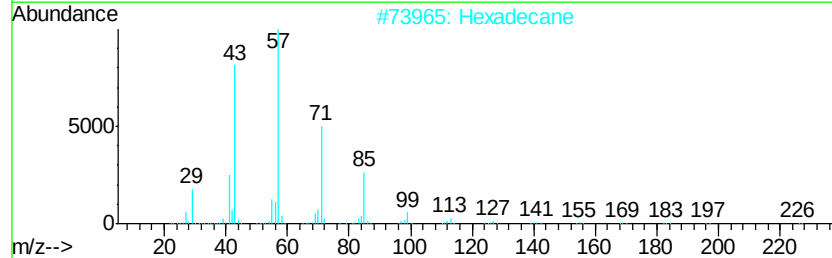
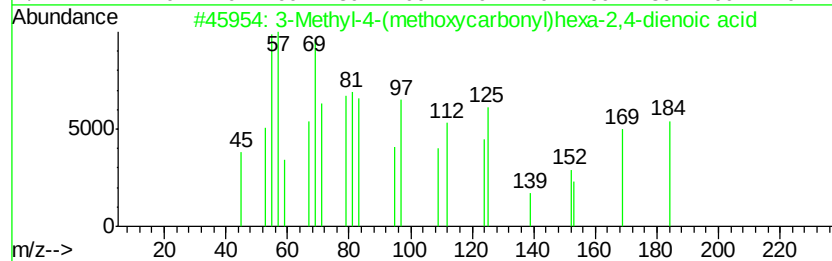
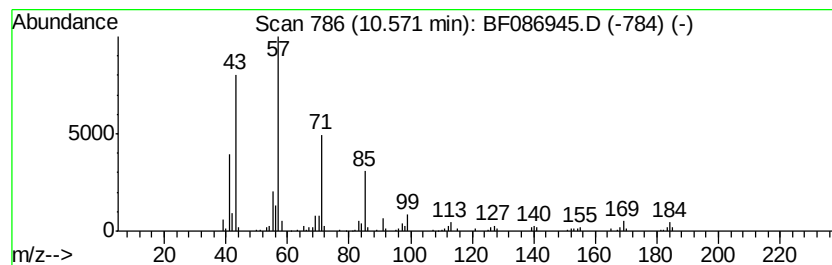
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TIC Integration Parameters: LSCINT.P

Peak Number 9 3-Methyl-4-(methoxycarbonyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.57	5.07 ng	283659	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	83
4	Tridecane	184	C13H28	000629-50-5	81
5	Octadecane	254	C18H38	000593-45-3	80



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Misc :
ALS Vial : 19 Sample Multiplier: 1

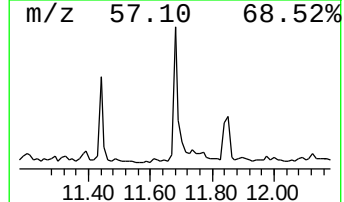
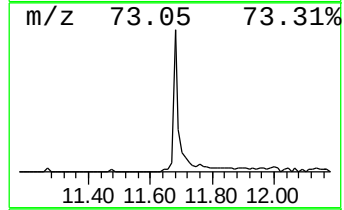
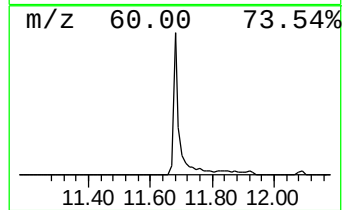
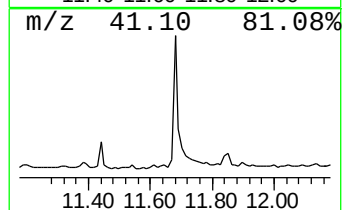
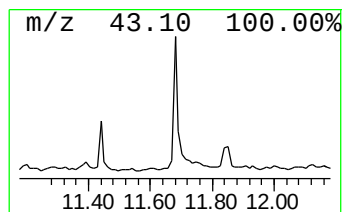
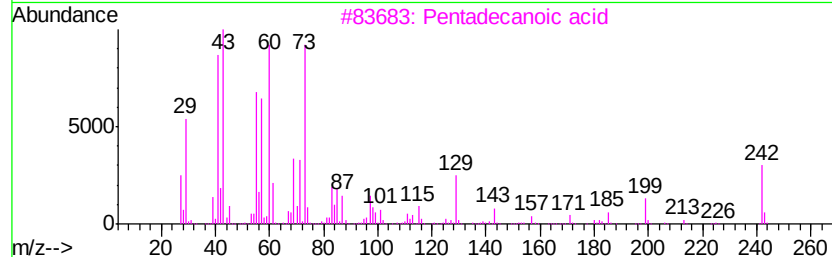
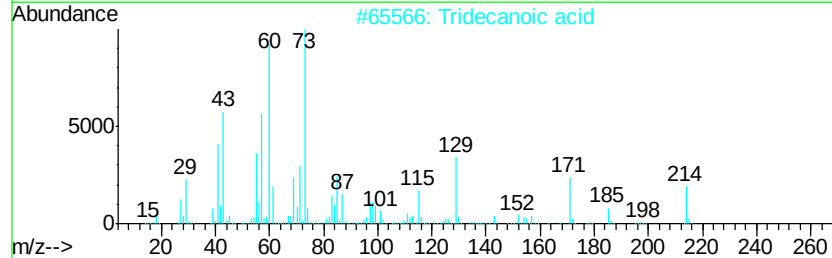
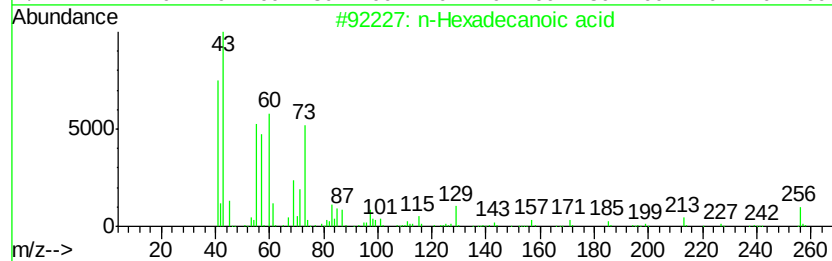
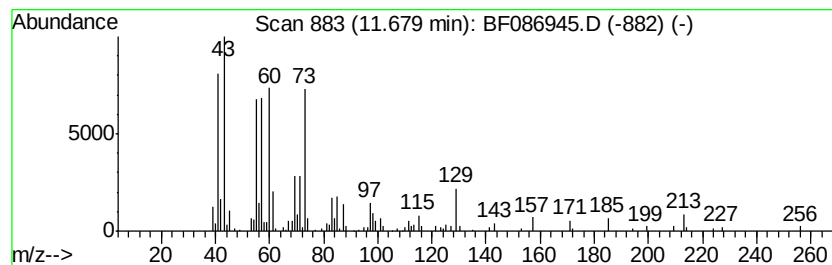
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ClientSampleId :
PM-STA-1343-28.39(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.68	4.06 ng	226985	Phenanthrene-d10		11.13
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086945.D
Acq On : 12 May 2016 22:20
Operator : UM/SJ
Sample : H2994-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

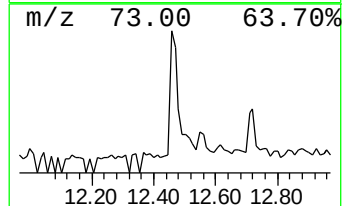
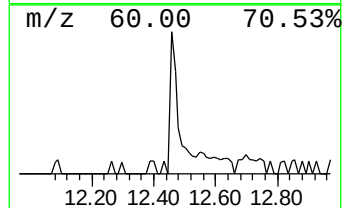
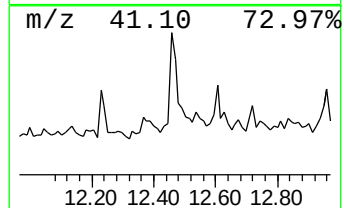
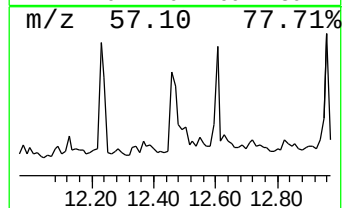
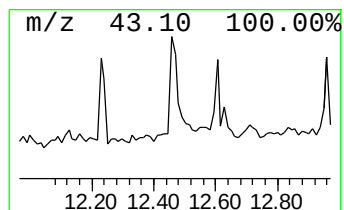
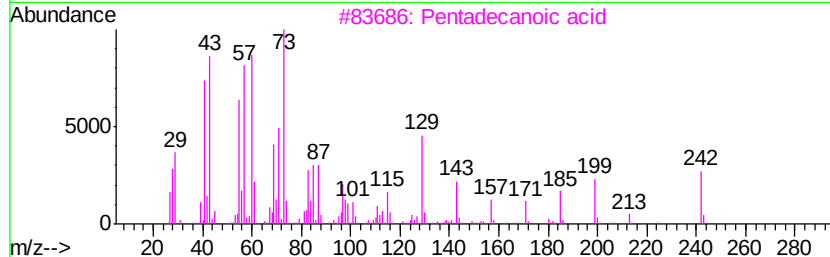
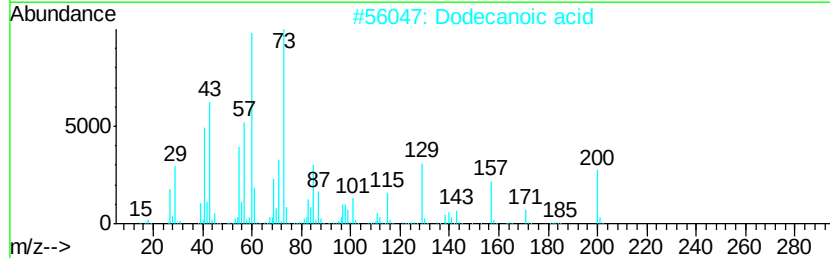
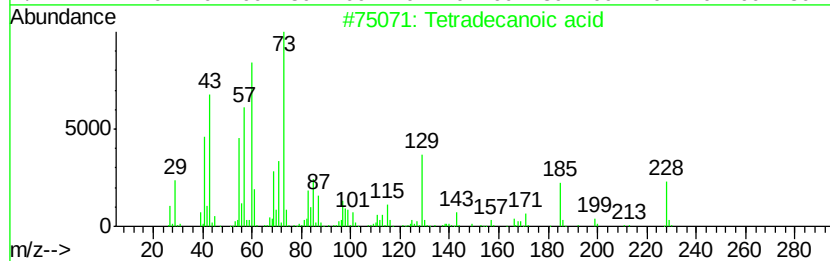
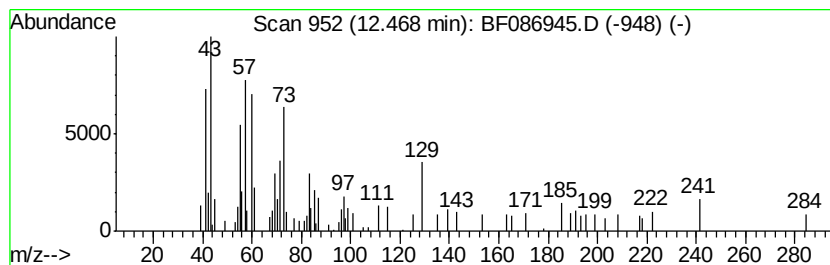
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PM-STA-1343-28.39(0-4)

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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 unknown12.47 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.47	2.20 ng	108621	Chrysene-d12	13.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
2	Dodecanoic acid	200	C12H24O2	000143-07-7	47
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086945.D
Acq On : 12 May 2016 22:20
Operator : UM/SJ
Sample : H2994-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PM-STA-1343-28.39(0-4)

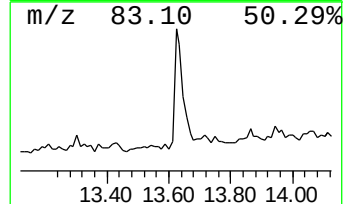
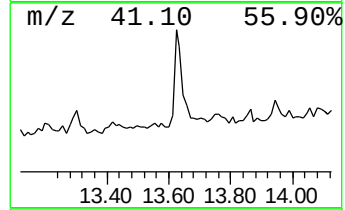
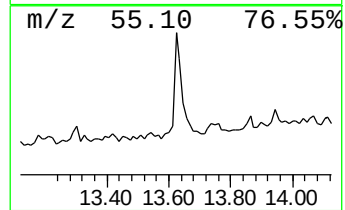
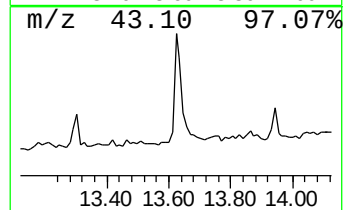
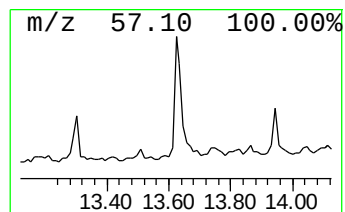
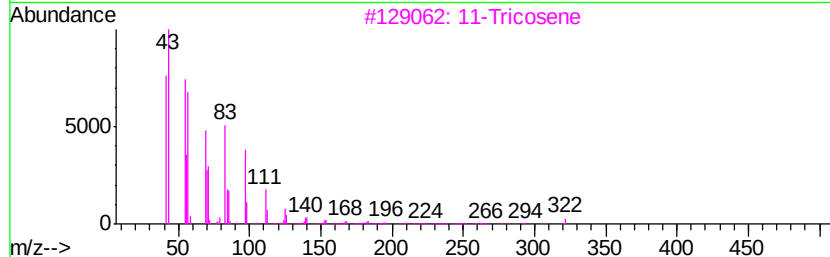
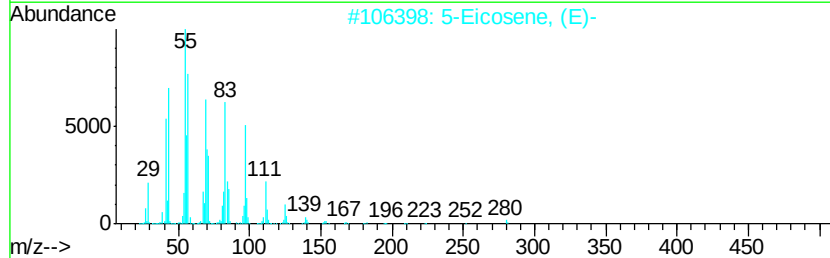
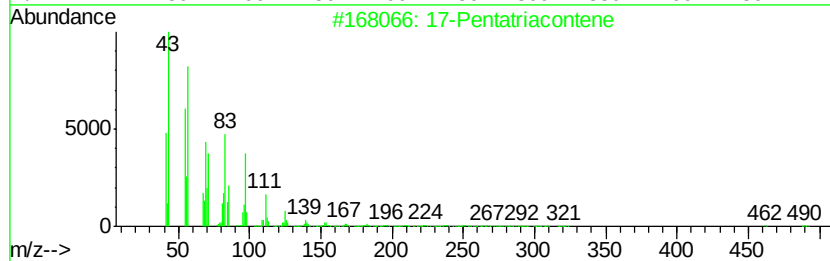
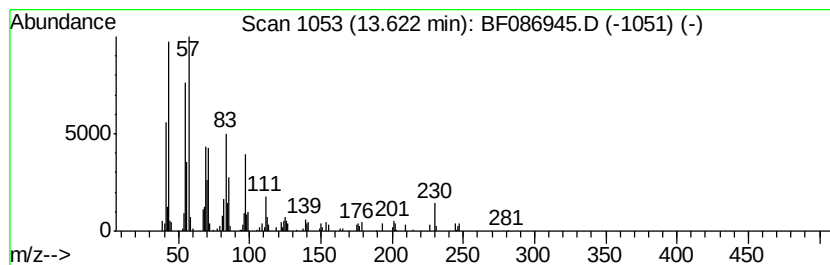
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 17-Pentatriacontene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.98 ng	146870	Chrysene-d12	13.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	83
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	62
3		11-Tricosene	322	C23H46	052078-56-5	58
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	58
5		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086945.D
Acq On : 12 May 2016 22:20
Operator : UM/SJ
Sample : H2994-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

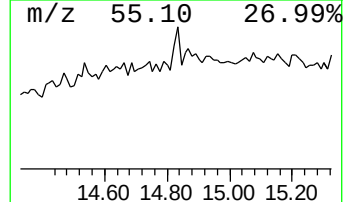
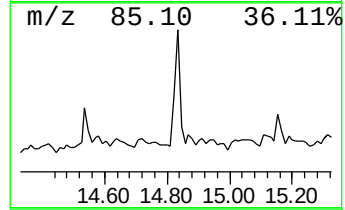
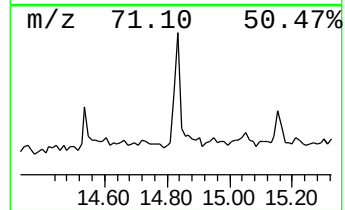
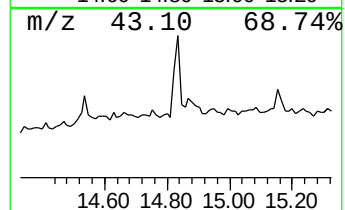
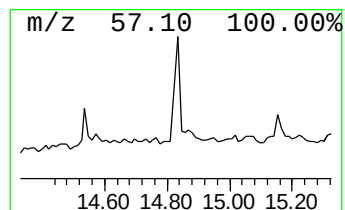
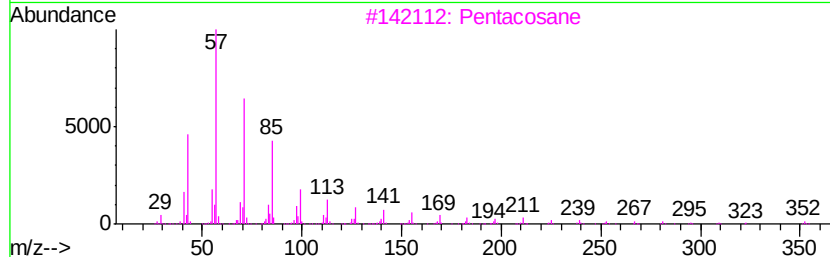
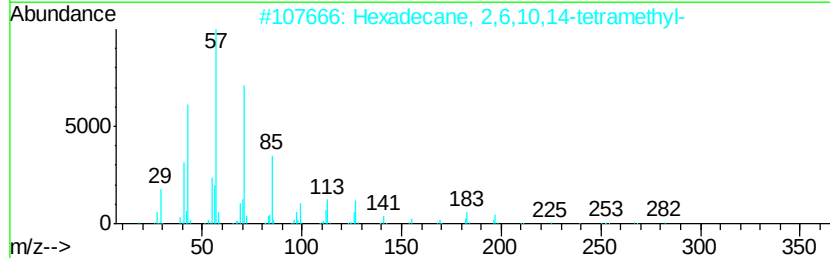
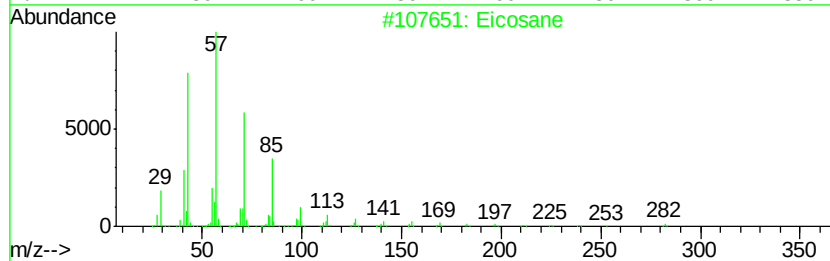
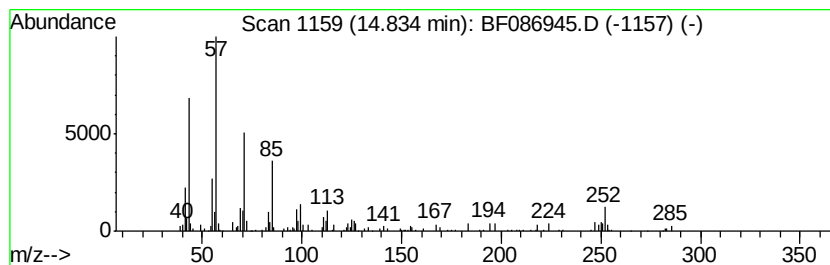
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.03 ng	85739	Perylene-d12	15.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 92
2	Hexadecane, 2,6,10,14-tetramethyl-		282 C20H42	000638-36-8 64
3	Pentacosane		352 C25H52	000629-99-2 58
4	Heptadecane		240 C17H36	000629-78-7 58
5	Octacosane		394 C28H58	000630-02-4 58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086945.D
Acq On : 12 May 2016 22:20
Operator : UM/SJ
Sample : H2994-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PM-STA-1343-28.39(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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...	4.76	8.8	ng	422019	1	6.62	954246	20.0
unknown6.40	6.40	74.5	ng	3556570	1	6.62	954246	20.0
Benzene, 1,2,4-tr...	6.44	2.9	ng	138989	1	6.62	954246	20.0
Hexadecane	9.60	2.2	ng	138001	3	9.66	1274430	20.0
3-Methyl-4-(metho...	10.57	5.1	ng	283659	4	11.13	1119190	20.0
n-Hexadecanoic acid	11.68	4.1	ng	226985	4	11.13	1119190	20.0
unknown12.47	12.47	2.2	ng	108621	5	13.76	986261	20.0
17-Pentatriacontene	13.62	3.0	ng	146870	5	13.76	986261	20.0
Eicosane	14.83	2.0	ng	85739	6	15.12	845423	20.0