

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085684.D
 Acq On : 23 Mar 2016 4:08
 Operator : UM/SJ
 Sample : H1886-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-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-BF031816.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	5.019	236	239	251	rVB	666952	1208831	28.05%	3.091%
2	5.441	273	276	278	rBV	3058991	3666025	85.08%	9.374%
3	5.841	308	311	313	rBV	90836	116447	2.70%	0.298%
4	6.470	363	366	369	rBV	2691059	3508782	81.43%	8.972%
5	6.607	375	378	380	rBV	2955615	4045061	93.88%	10.343%
6	6.836	395	398	400	rBV	633410	800200	18.57%	2.046%
7	6.984	409	411	414	rBV	2465347	2950869	68.48%	7.545%
8	7.396	444	447	449	rBV	1947077	2636208	61.18%	6.741%
9	8.116	507	510	512	rBV	1293454	1155646	26.82%	2.955%
10	9.190	601	604	607	rBV	3220022	4308801	100.00%	11.017%
11	9.590	637	639	640	rBV	637618	661712	15.36%	1.692%
12	9.808	655	658	660	rBV	97841	123819	2.87%	0.317%
13	9.865	661	663	666	rVB	1207394	1245411	28.90%	3.184%
14	10.036	674	678	679	rBV	31303	47611	1.10%	0.122%
15	10.299	699	701	703	rVB	196855	175093	4.06%	0.448%
16	10.516	717	720	724	rBV2	61023	120787	2.80%	0.309%
17	10.665	729	733	735	rBV	2385618	3135076	72.76%	8.016%
18	10.768	741	742	749	rVB	143113	263227	6.11%	0.673%
19	11.225	780	782	783	rBV	66807	83824	1.95%	0.214%
20	11.351	791	793	795	rBV	1537205	1395584	32.39%	3.568%
21	11.876	838	839	845	rBV2	99220	131361	3.05%	0.336%
22	11.956	845	846	851	rVB	32118	53851	1.25%	0.138%
23	12.562	896	899	901	rBV	176547	211357	4.91%	0.540%
24	12.665	906	908	911	rBV2	40876	71034	1.65%	0.182%
25	12.779	915	918	920	rBV	131345	205859	4.78%	0.526%
26	12.939	929	932	934	rBV	3942842	4098747	95.13%	10.480%
27	13.111	944	947	949	rBV	26889	53824	1.25%	0.138%
28	13.179	949	953	955	rBV3	19087	44926	1.04%	0.115%
29	13.408	971	973	976	rBV	45913	51691	1.20%	0.132%
30	13.831	1008	1010	1016	rVB2	95130	142963	3.32%	0.366%
31	13.979	1020	1023	1029	rVB	961516	1089844	25.29%	2.787%
32	14.997	1109	1112	1116	rBV	78604	139611	3.24%	0.357%
33	15.282	1135	1137	1140	rVB	55083	71227	1.65%	0.182%
34	15.340	1140	1142	1145	rBV	58918	82568	1.92%	0.211%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	15.397	1145	1147	1152	rBV	552323	714381	16.58%	1.827%
36	15.705	1172	1174	1179	rVB3	29721	84321	1.96%	0.216%
37	16.460	1238	1240	1247	rVB5	30369	74077	1.72%	0.189%
38	16.780	1265	1268	1272	rBV2	32026	64478	1.50%	0.165%
39	17.191	1301	1304	1308	rVB	36159	73906	1.72%	0.189%

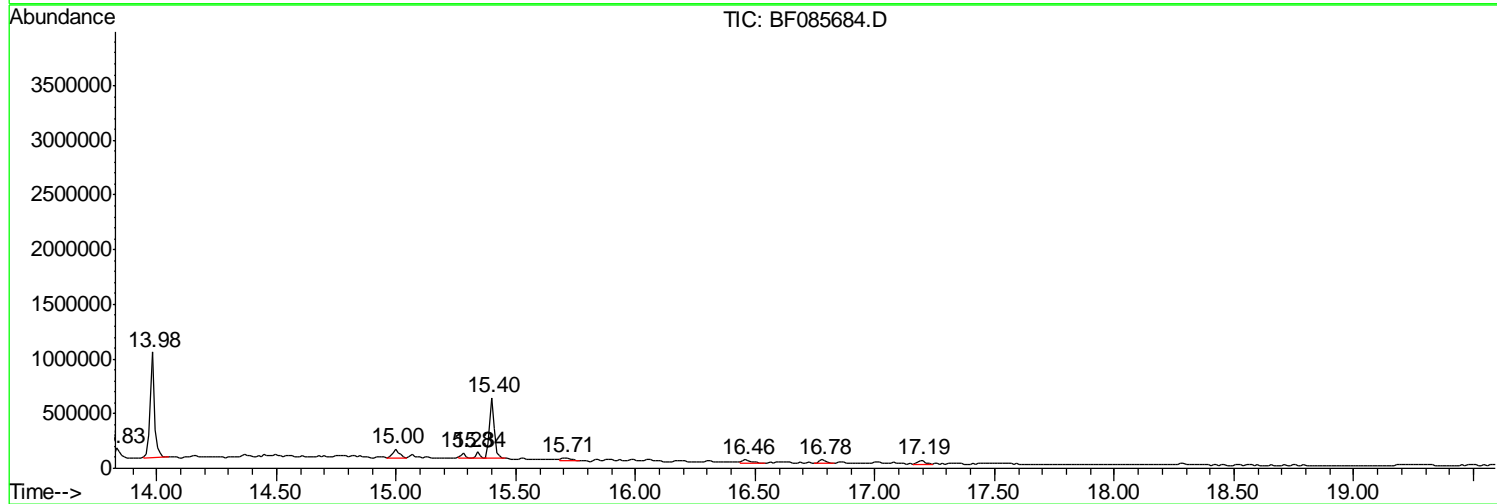
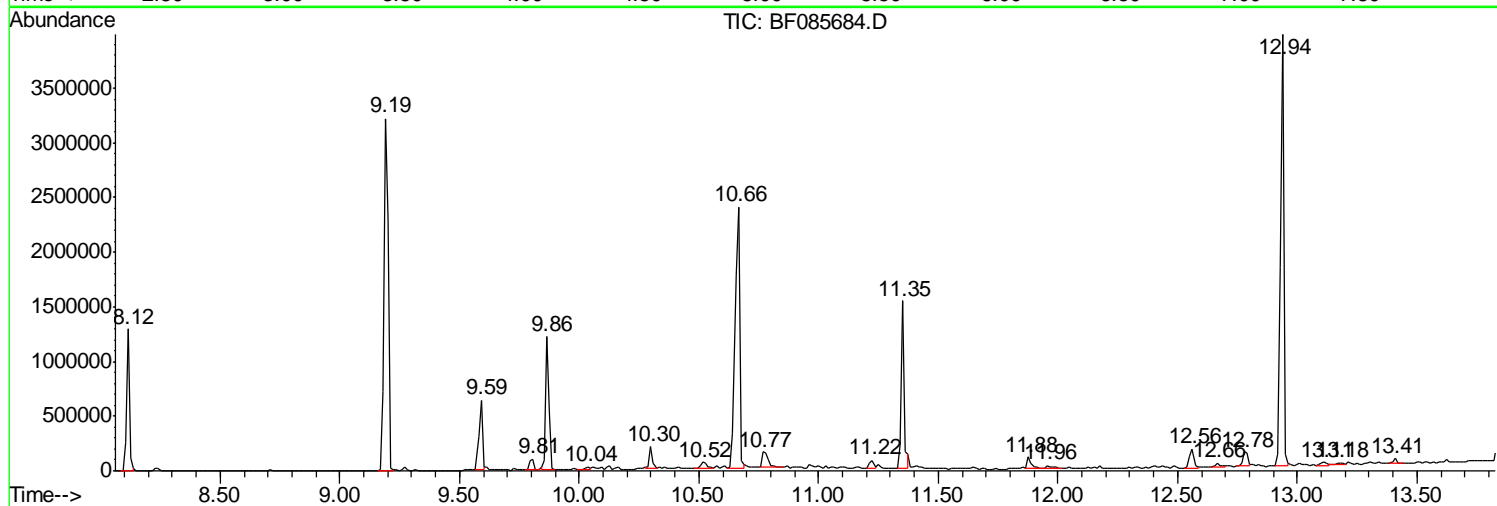
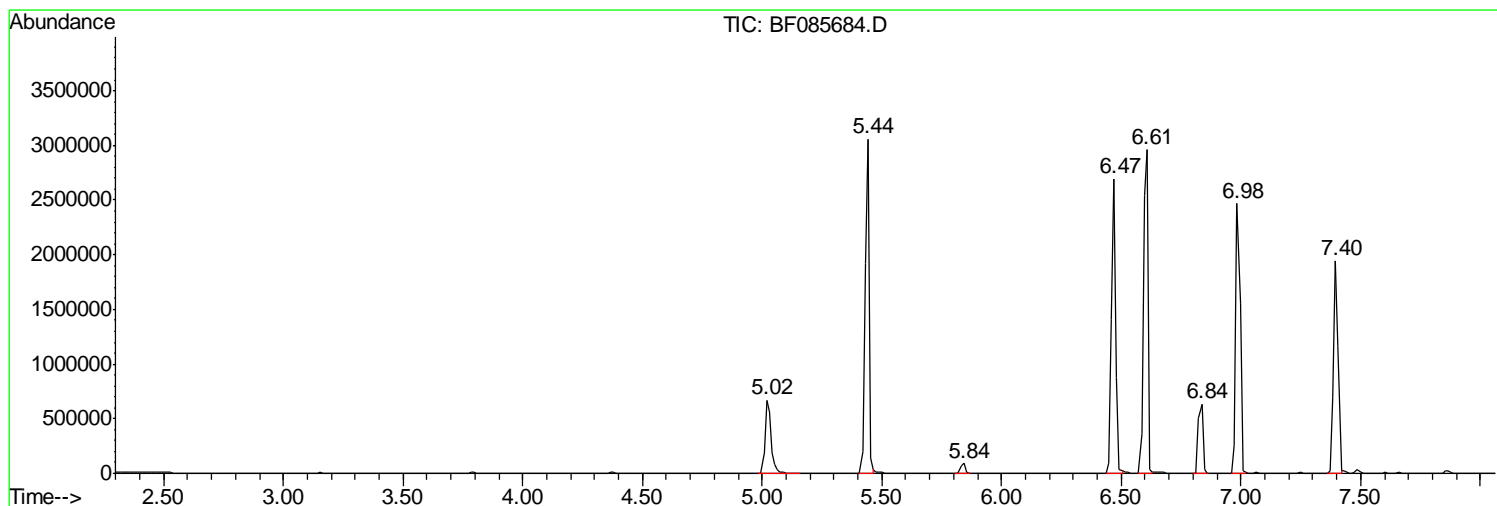
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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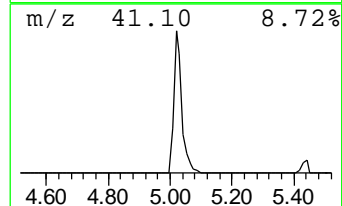
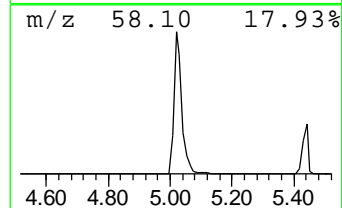
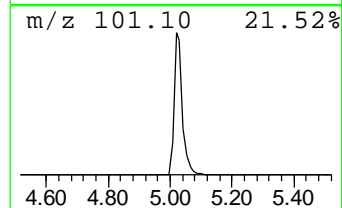
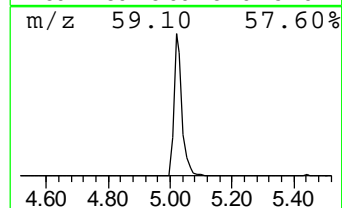
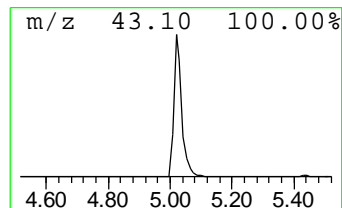
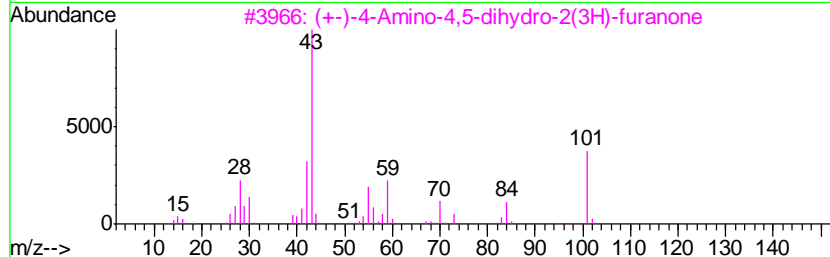
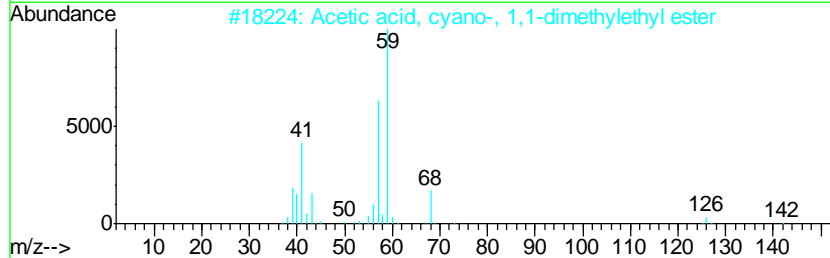
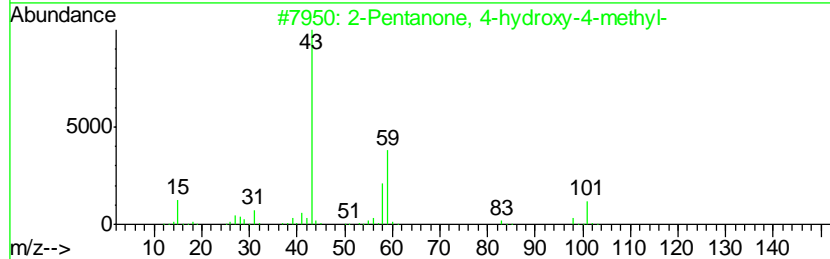
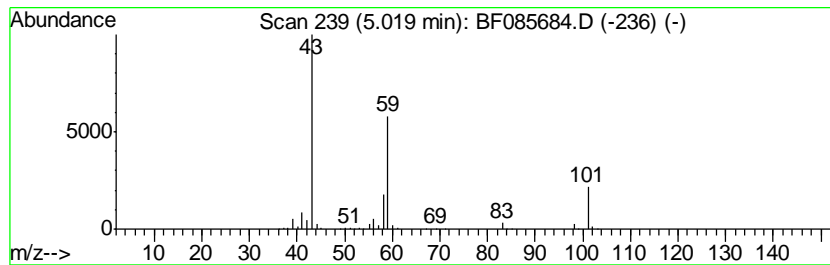
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.02	30.21 ng	1208830	1,4-Dichlorobenzene-d4	6.84

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, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
3		(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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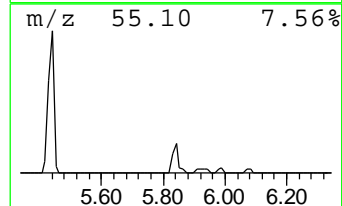
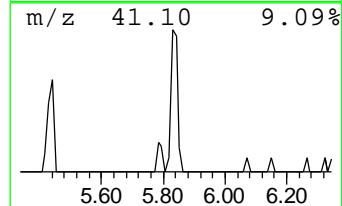
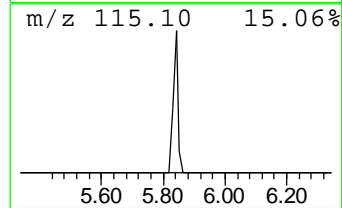
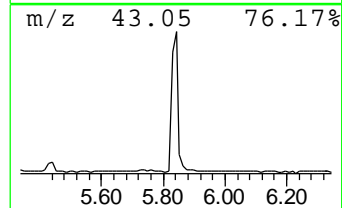
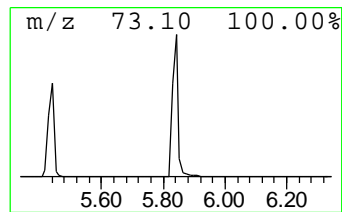
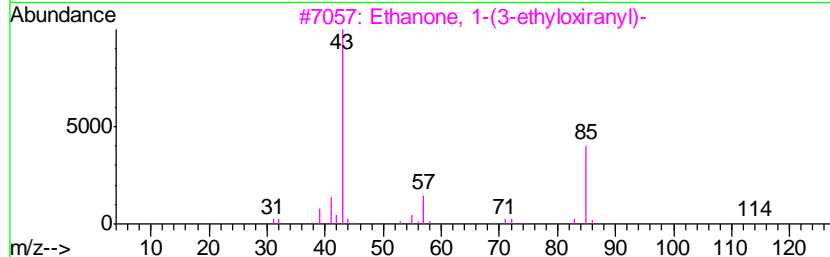
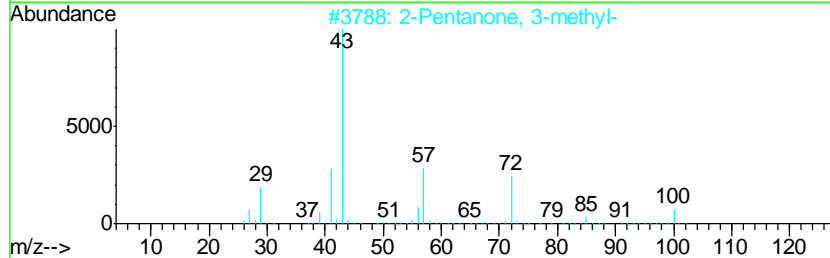
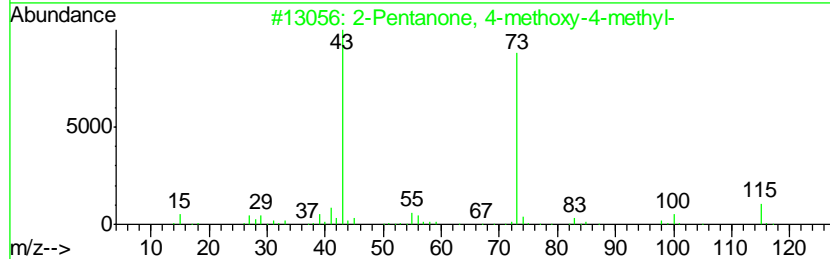
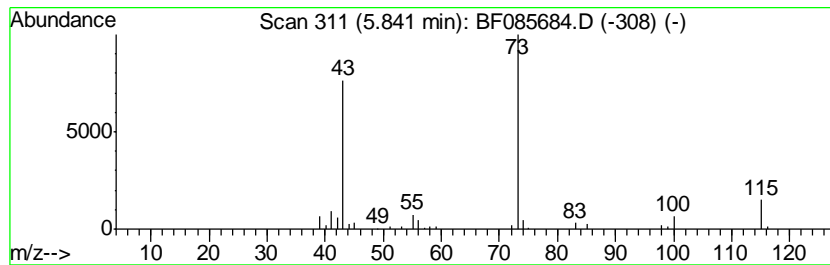
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 Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	2.91 ng	116447	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2		2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	12
3		Ethanone, 1-(3-ethyloxiranyl)-	114	C6H10O2	017257-81-7	10
4		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	9
5		2,3-Pentanedione	100	C5H8O2	000600-14-6	9



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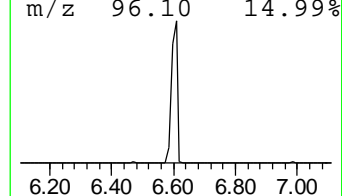
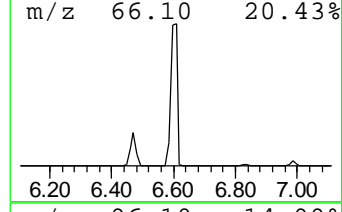
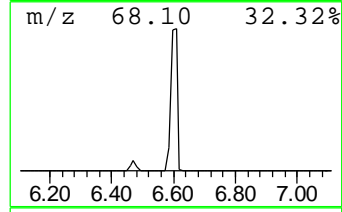
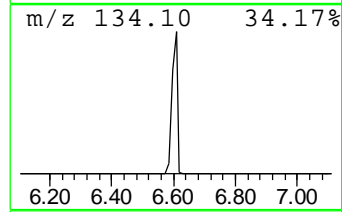
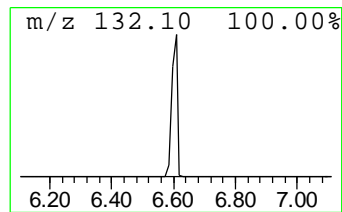
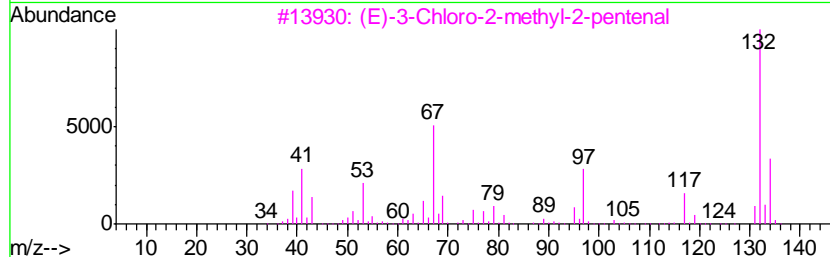
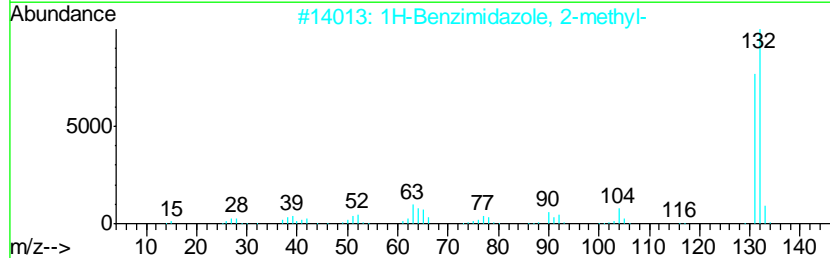
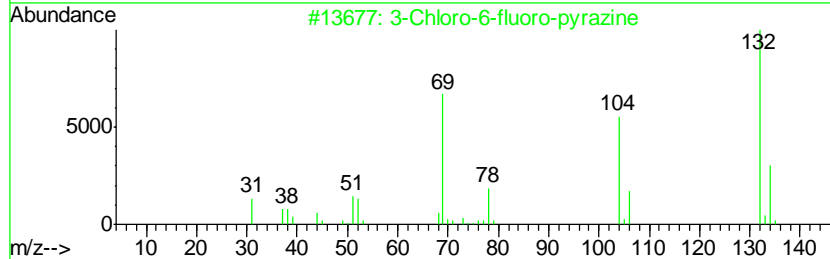
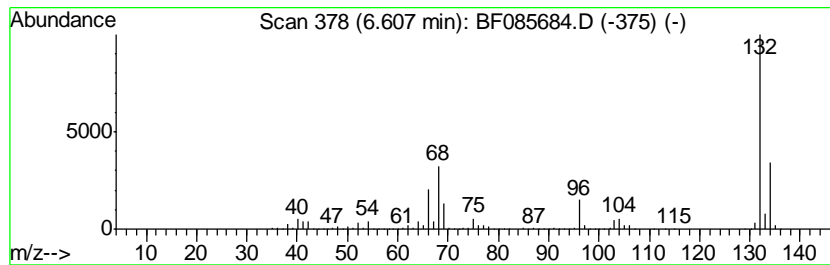
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TIC Library : C:\DATABASE\NIST02.L
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 Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	101.10 ng	4045060	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
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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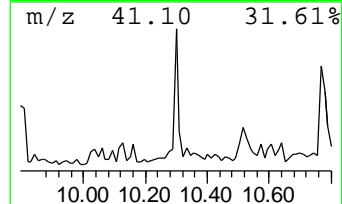
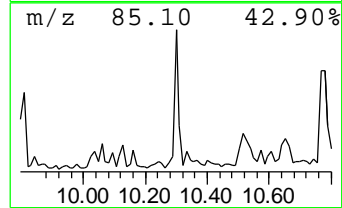
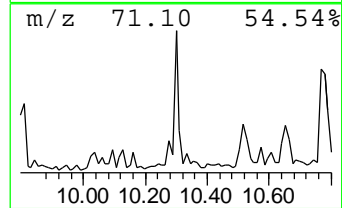
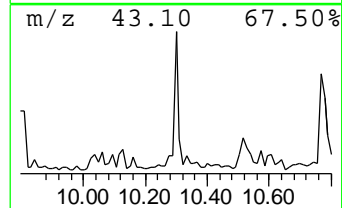
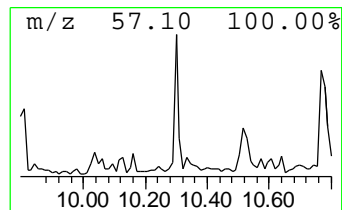
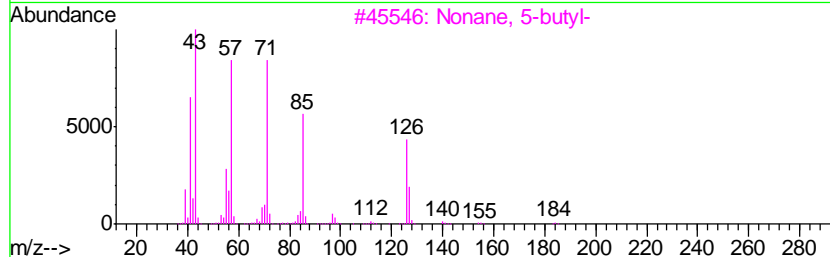
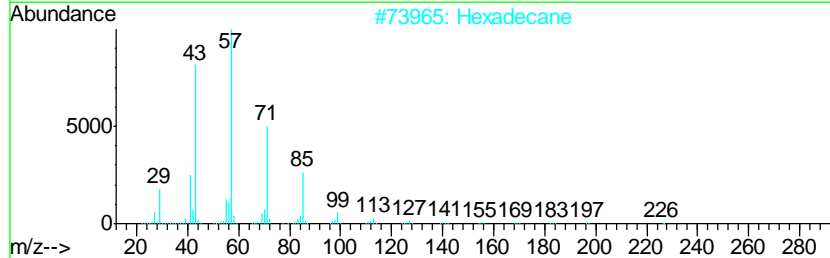
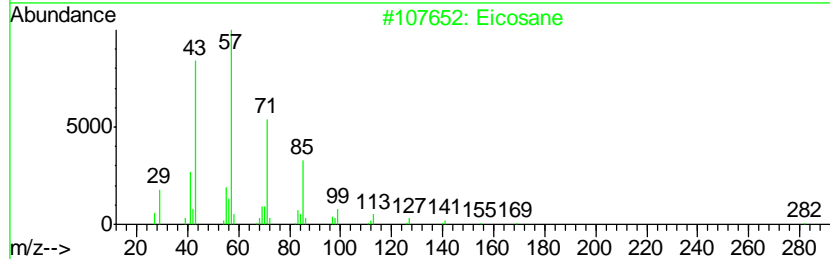
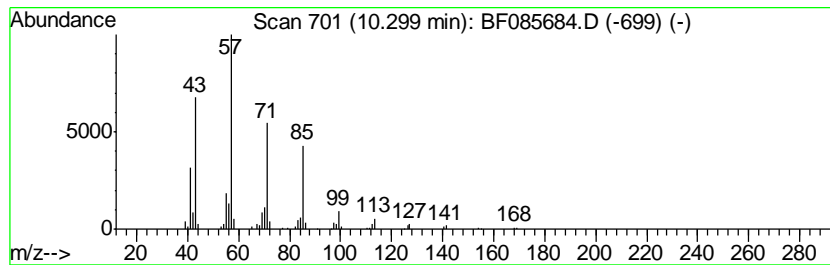
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TIC Library : C:\DATABASE\NIST02.L
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 Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.81 ng	175093	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	83
2		Hexadecane	226	C16H34	000544-76-3	80
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	72
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5		Pentadecane	212	C15H32	000629-62-9	64



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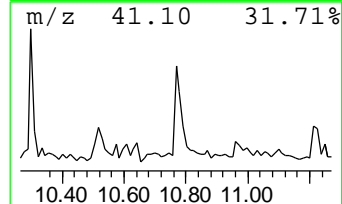
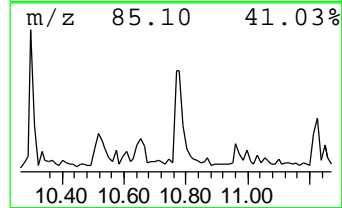
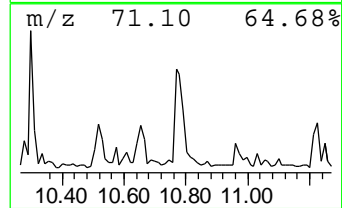
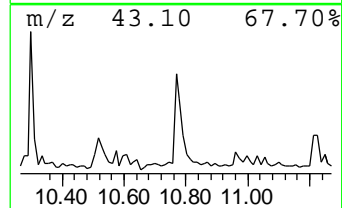
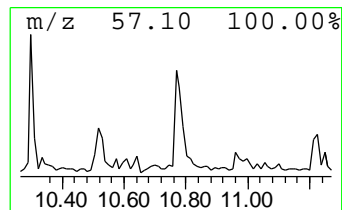
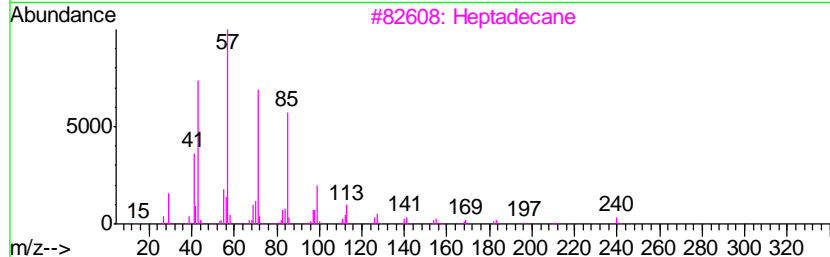
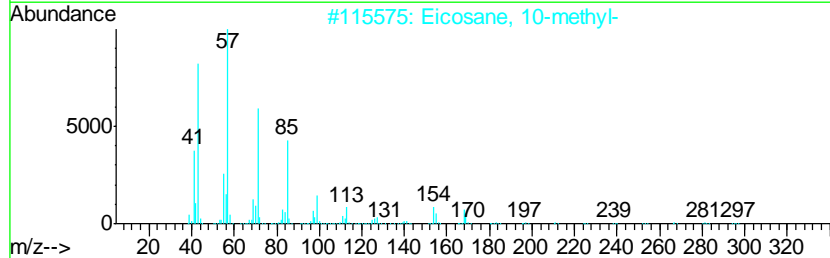
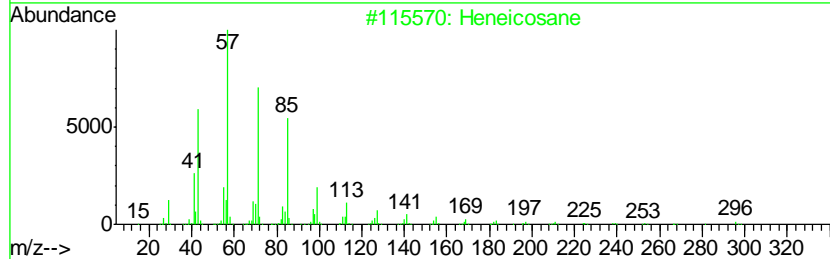
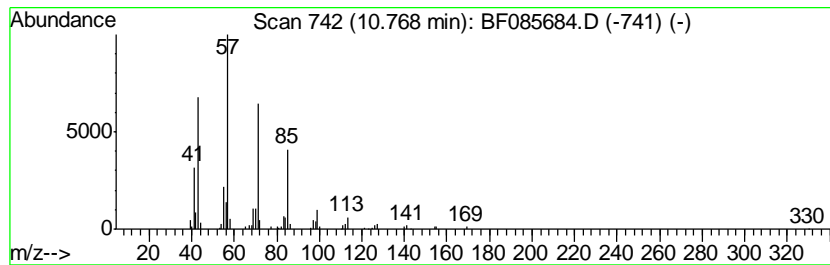
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.77 ng	263227	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Nonadecane	268	C19H40	000629-92-5	86
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
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 Operator : UM/SJ
 Sample : H1886-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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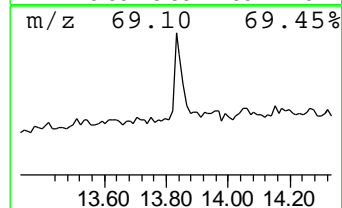
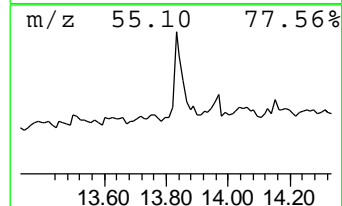
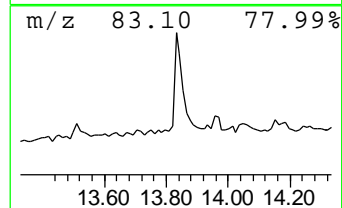
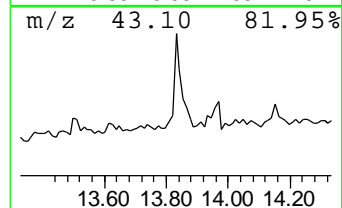
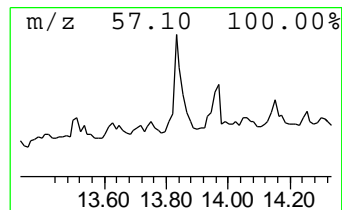
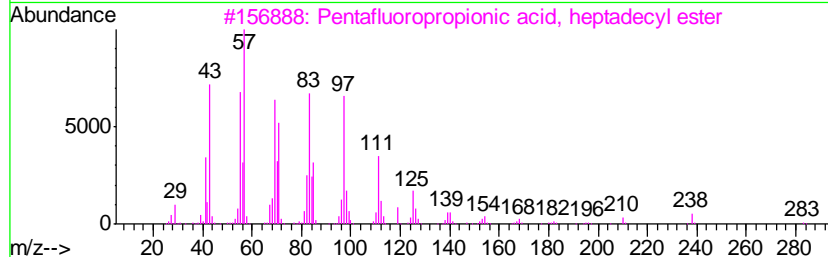
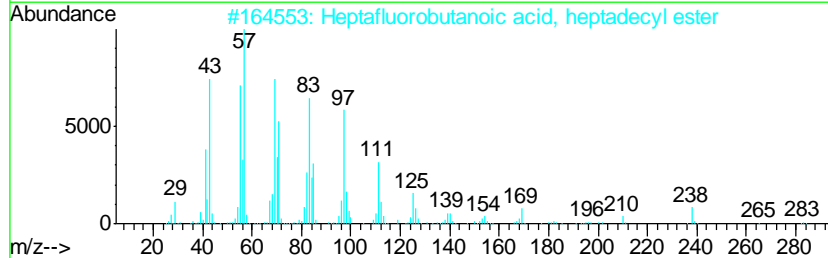
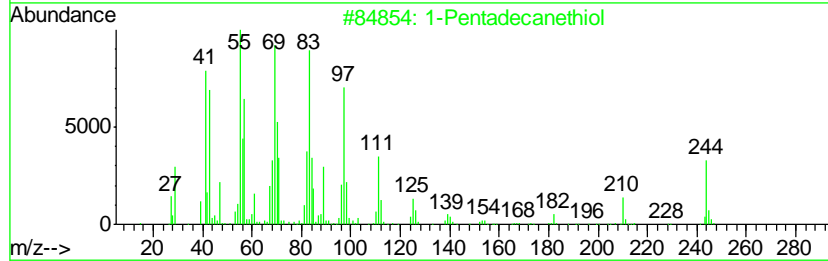
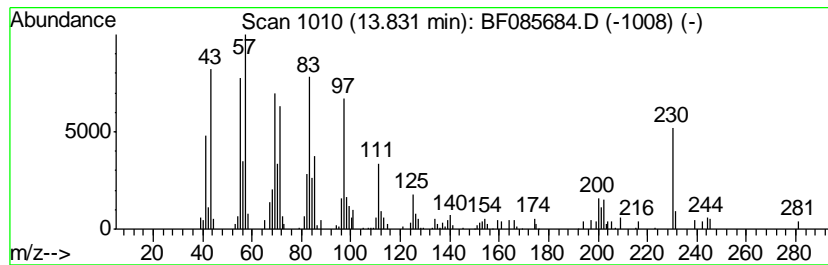
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 1-Pentadecanethiol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.62 ng	142963	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentadecanethiol	244	C15H32S	025276-70-4	95
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	81
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81



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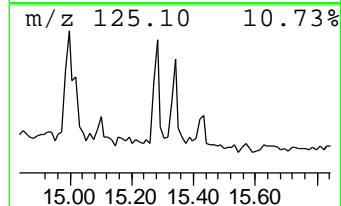
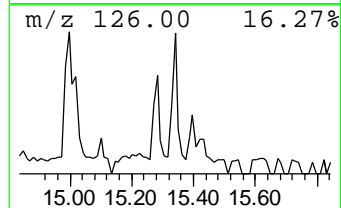
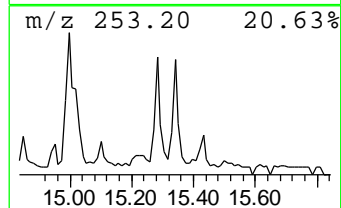
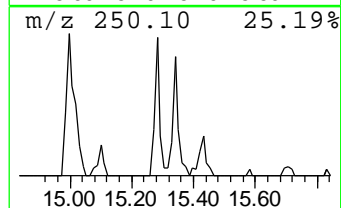
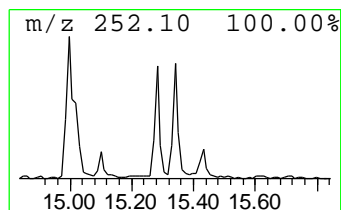
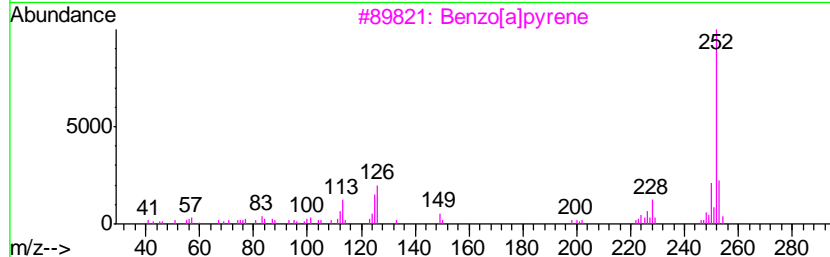
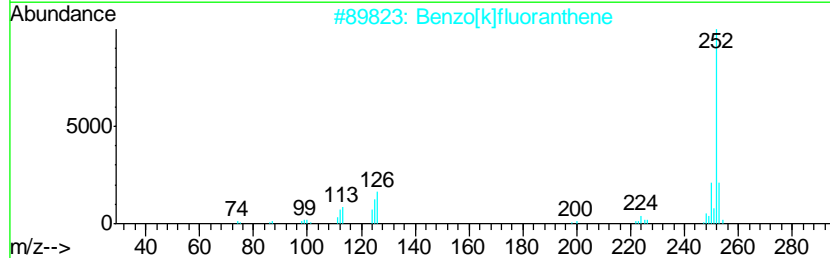
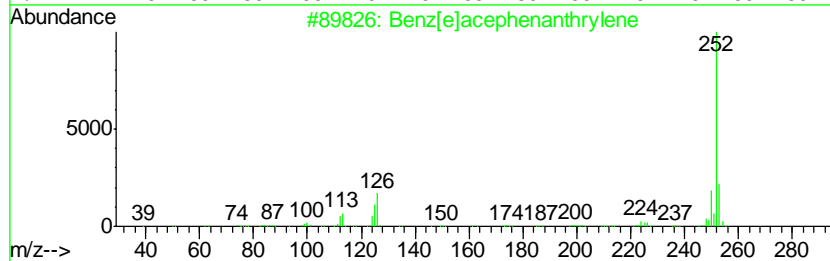
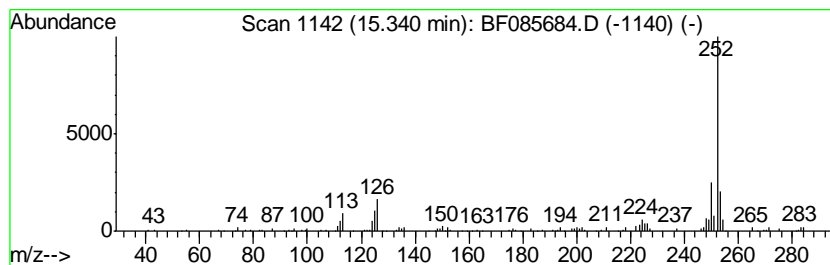
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Benz[e]acephenanthrylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.31 ng	82568	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	91
4		Benzo[e]pyrene	252	C20H12	000192-97-2	87
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
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 Acq On : 23 Mar 2016 4:08
 Operator : UM/SJ
 Sample : H1886-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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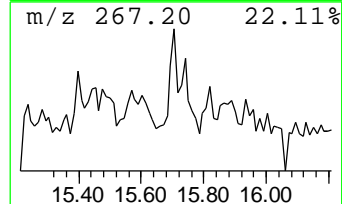
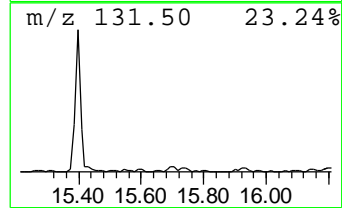
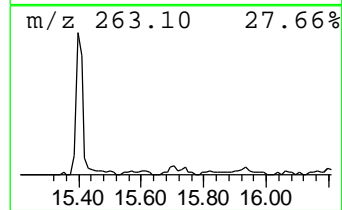
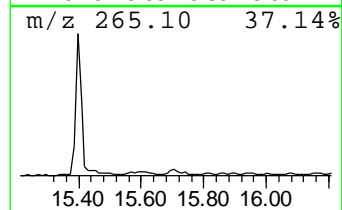
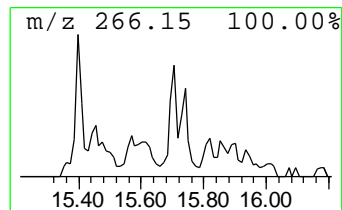
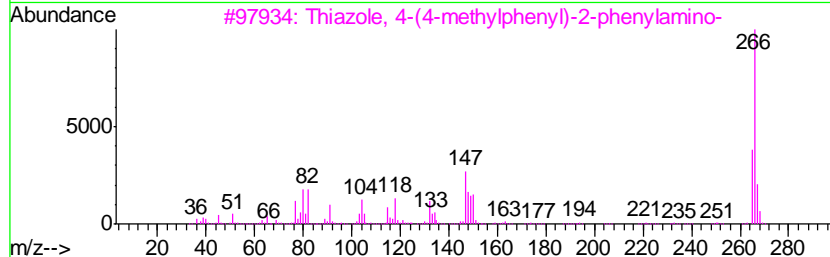
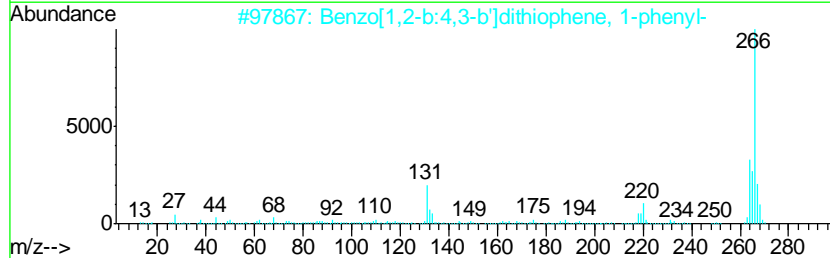
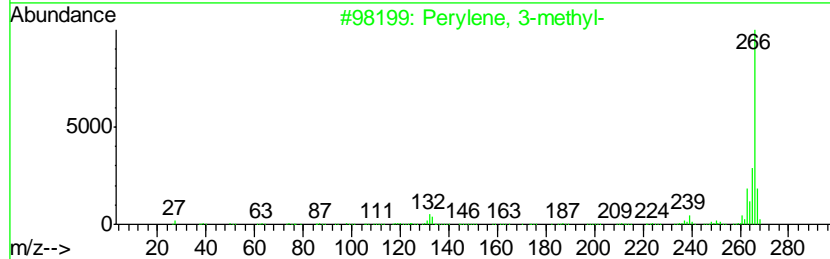
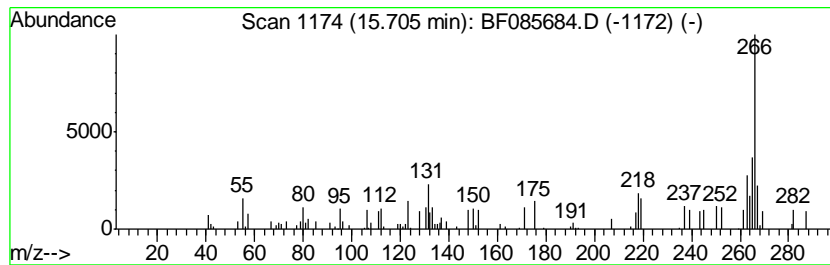
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Perylene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	2.36 ng	84321	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene, 3-methyl-	266	C21H14	024471-47-4	52
2		Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	49
3		Thiazole, 4-(4-methylphenyl)-2-p...	266	C16H14N2S	093020-56-5	47
4		9,10-Anthracenedione, 1,4-bis(am...	266	C16H14N2O2	077862-13-6	47
5		5-(p-Dimethylaminocinnamoyl)-2-m...	266	C17H18N2O	004625-19-8	47



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 Sample : H1886-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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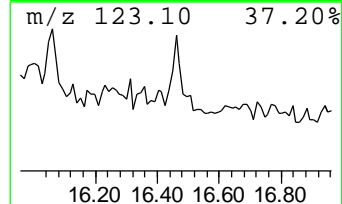
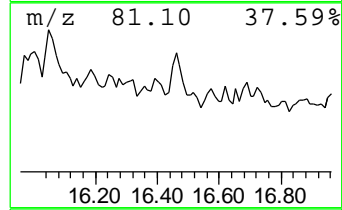
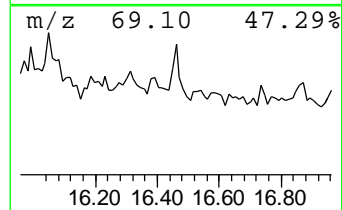
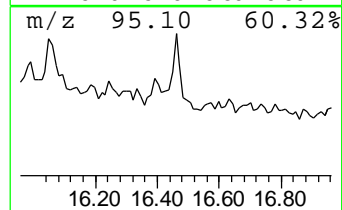
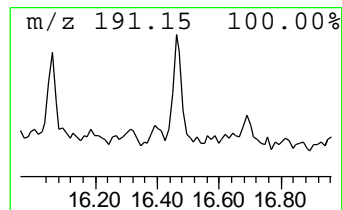
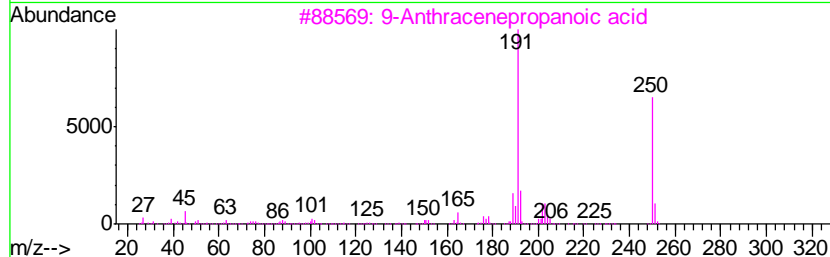
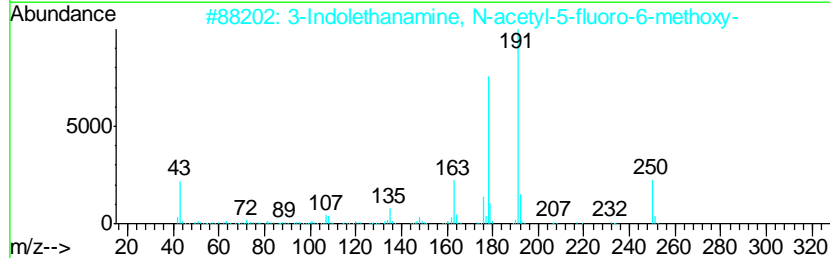
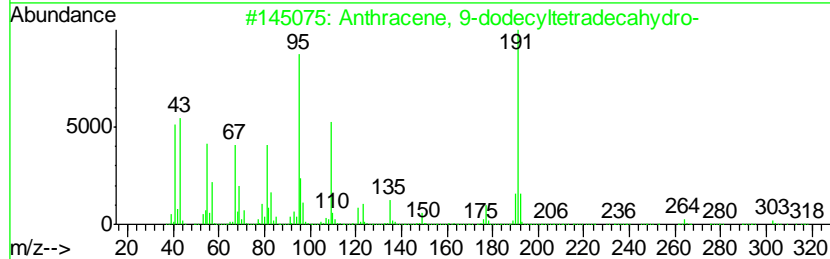
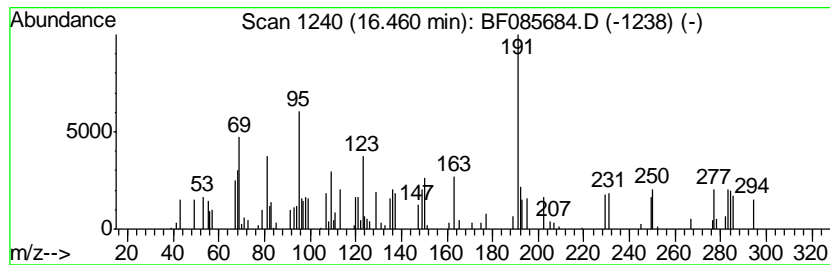
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 unknown16.46 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.07 ng	74077	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
2		3-Indolethamine, N-acetyl-5-fl...	250	C13H15FN2O2	1000116-27-1	38
3		9-Anthracenepropanoic acid	250	C17H14O2	041034-83-7	35
4		9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	32
5		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
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 Sample : H1886-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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...	5.02	30.2	ng	1208830	1	6.84	800200	20.0
2-Pentanone, 4-me...	5.84	2.9	ng	116447	1	6.84	800200	20.0
unknown6.61	6.61	101.1	ng	4045060	1	6.84	800200	20.0
Eicosane	10.30	2.8	ng	175093	3	9.86	1245410	20.0
Heneicosane	10.77	3.8	ng	263227	4	11.35	1395580	20.0
1-Pentadecanethiol	13.83	2.6	ng	142963	5	13.98	1089840	20.0
Benz[e]acephenant...	15.34	2.3	ng	82568	6	15.40	714381	20.0
Perylene, 3-methyl-	15.71	2.4	ng	84321	6	15.40	714381	20.0
unknown16.46	16.46	2.1	ng	74077	6	15.40	714381	20.0