

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093219.D
 Acq On : 27 Feb 2017 22:02
 Operator : SJ/MA
 Sample : I2013-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-1

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-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	4.316	192	195	206	rBV	1763255	2561425	38.45%	6.349%
2	4.670	224	226	234	rBV	25059	67562	1.01%	0.167%
3	5.002	251	255	258	rBV	3117298	6662414	100.00%	16.514%
4	5.424	290	292	301	rBV	570889	562752	8.45%	1.395%
5	6.465	380	383	386	rBV	2734154	3358494	50.41%	8.325%
6	6.590	391	394	396	rBV	1626984	1823131	27.36%	4.519%
7	6.819	411	414	416	rBV	788479	953503	14.31%	2.363%
8	6.967	425	427	430	rBV	2842066	3067992	46.05%	7.605%
9	7.390	461	464	466	rBV	2634684	3052032	45.81%	7.565%
10	8.099	524	526	529	rBV	1368571	1305185	19.59%	3.235%
11	9.185	617	621	623	rBV	4012518	4606246	69.14%	11.418%
12	9.573	653	655	657	rBV	262388	261865	3.93%	0.649%
13	9.859	677	680	682	rBV	1469018	1420057	21.31%	3.520%
14	10.282	716	717	719	rVB	88852	84888	1.27%	0.210%
15	10.499	734	736	740	rVV2	45887	98105	1.47%	0.243%
16	10.648	745	749	751	rBV	144399	152460	2.29%	0.378%
17	10.762	757	759	763	rVB	156850	219810	3.30%	0.545%
18	11.208	796	798	799	rBV	274350	235667	3.54%	0.584%
19	11.345	807	810	811	rBV	1400773	1364606	20.48%	3.382%
20	11.402	813	815	818	rVB2	59901	108618	1.63%	0.269%
21	11.585	827	831	833	rBV2	46091	81141	1.22%	0.201%
22	11.631	833	835	838	rVV	71615	73307	1.10%	0.182%
23	11.951	862	863	867	rVB	55864	93429	1.40%	0.232%
24	12.168	881	882	890	rVB2	60600	74473	1.12%	0.185%
25	12.397	899	902	903	rBV2	47317	72292	1.09%	0.179%
26	12.557	913	916	918	rBV	527118	474643	7.12%	1.176%
27	12.785	932	936	939	rVV	378607	439844	6.60%	1.090%
28	12.934	946	949	951	rVV	3045821	3386430	50.83%	8.394%
29	13.117	961	965	966	rBV	37957	101051	1.52%	0.250%
30	13.494	995	998	1001	rBV3	38204	87611	1.32%	0.217%
31	13.620	1007	1009	1013	rVB2	49199	79960	1.20%	0.198%
32	13.734	1017	1019	1022	rVV2	47055	79502	1.19%	0.197%
33	13.825	1024	1027	1032	rVB3	181119	347870	5.22%	0.862%
34	13.985	1038	1041	1042	rBV	1013676	1126265	16.90%	2.792%

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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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35	14.454	1080	1082	1084	rVB2	71851	84030	1.26%	0.208%
36	14.728	1104	1106	1110	rBV2	72923	123004	1.85%	0.305%
37	15.002	1128	1130	1134	rBV	133647	223157	3.35%	0.553%
38	15.288	1153	1155	1158	rVV	75408	99383	1.49%	0.246%
39	15.345	1158	1160	1163	rVB	100738	137975	2.07%	0.342%
40	15.414	1163	1166	1172	rVB	651188	958253	14.38%	2.375%
41	15.825	1200	1202	1204	rBV	61761	91785	1.38%	0.228%
42	16.294	1241	1243	1249	rVB4	63738	141472	2.12%	0.351%

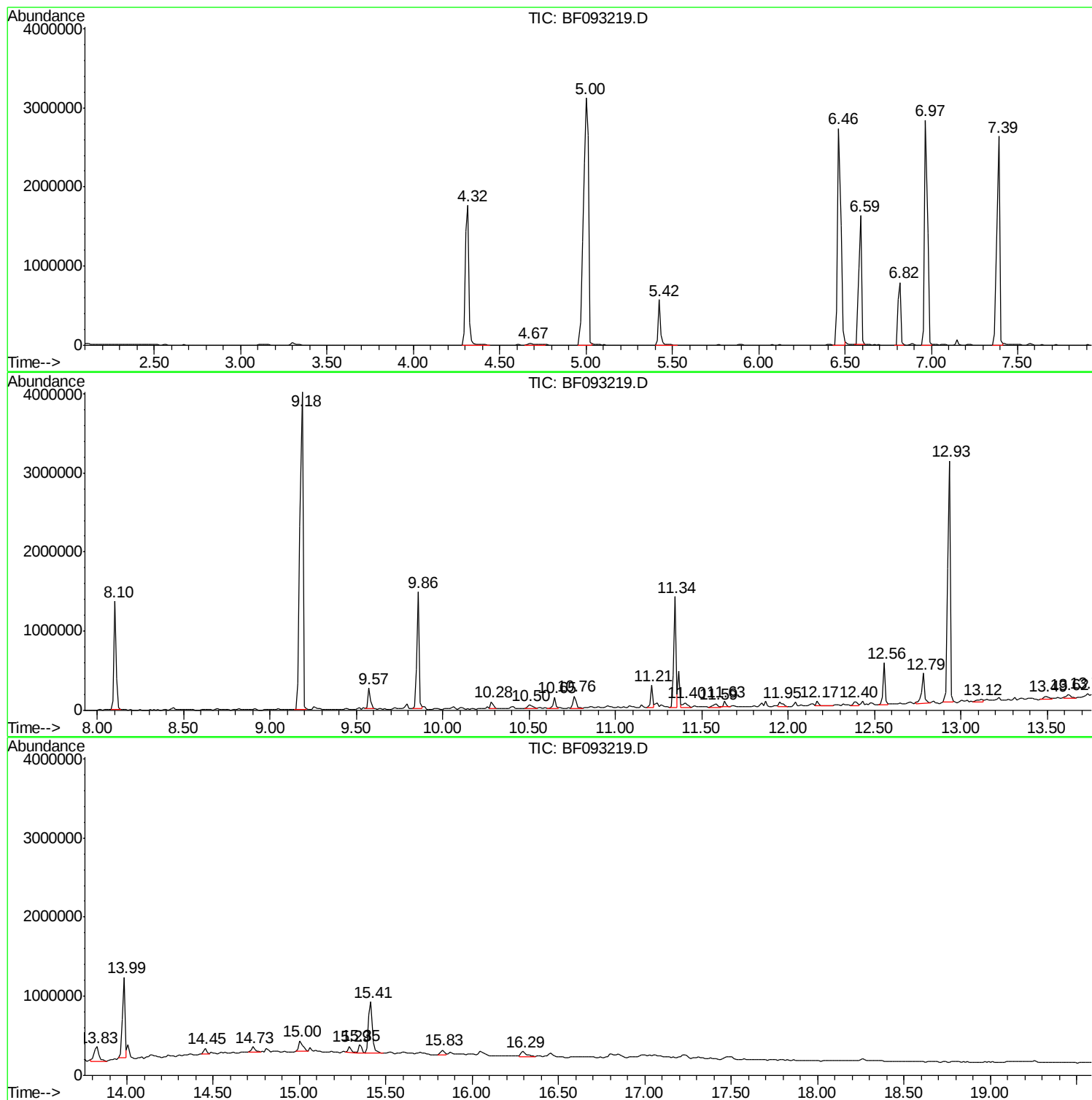
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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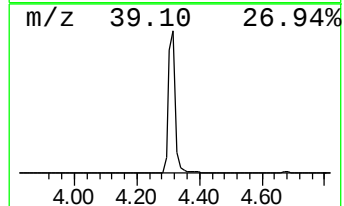
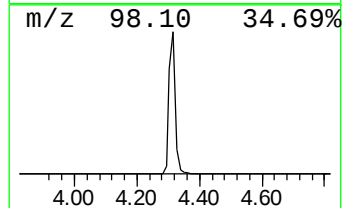
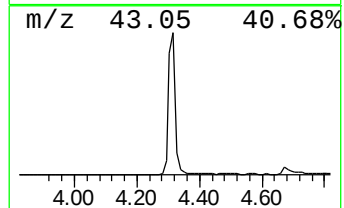
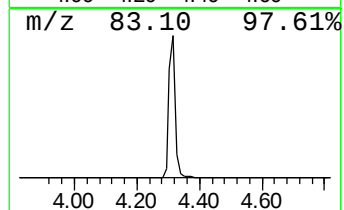
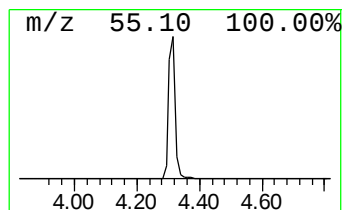
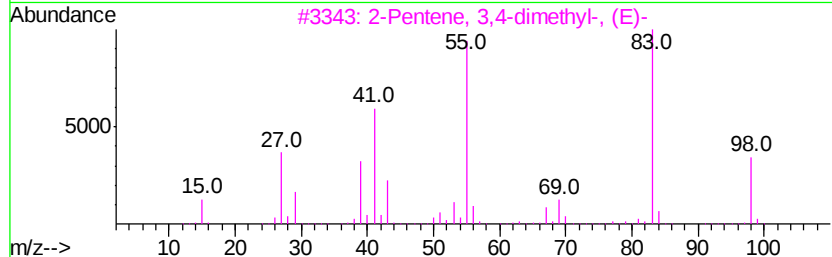
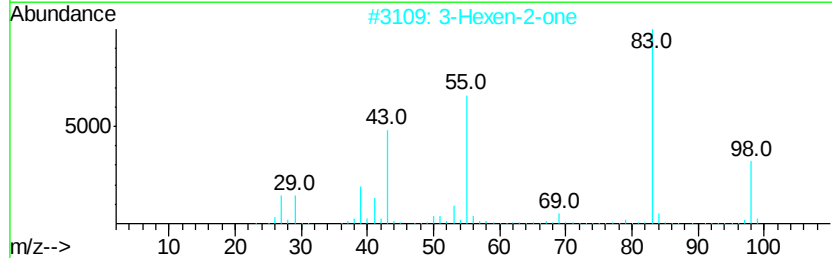
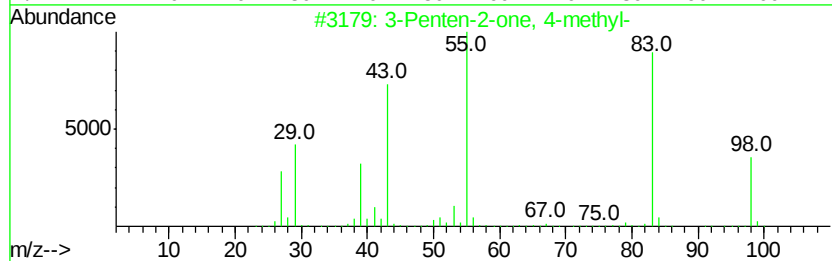
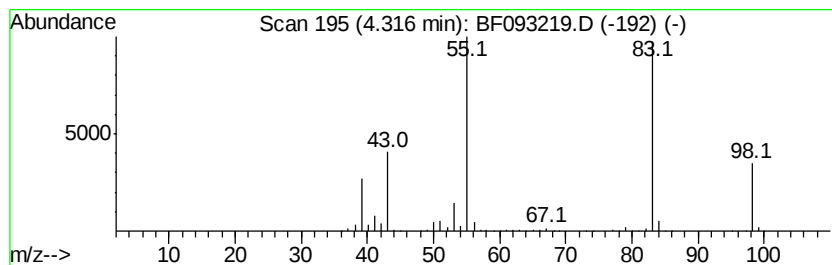
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	53.73 ng	2561430	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	90
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



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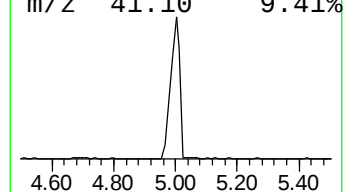
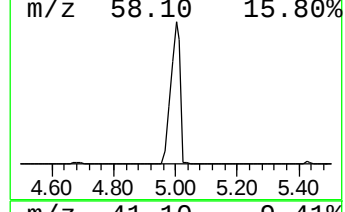
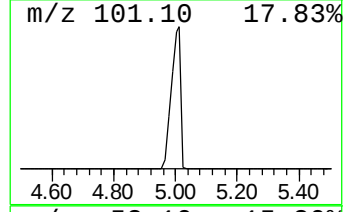
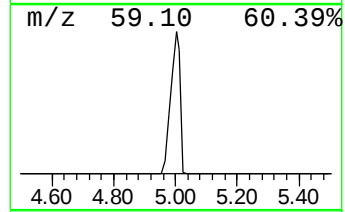
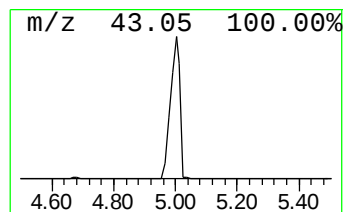
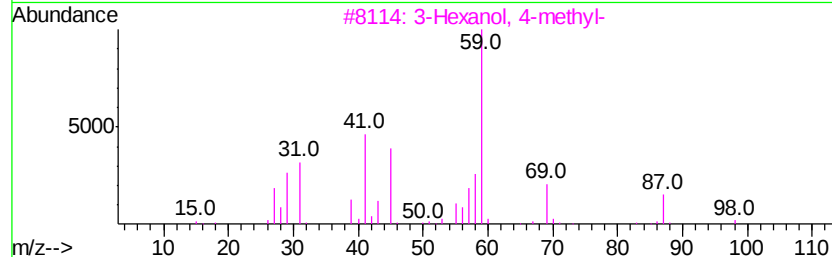
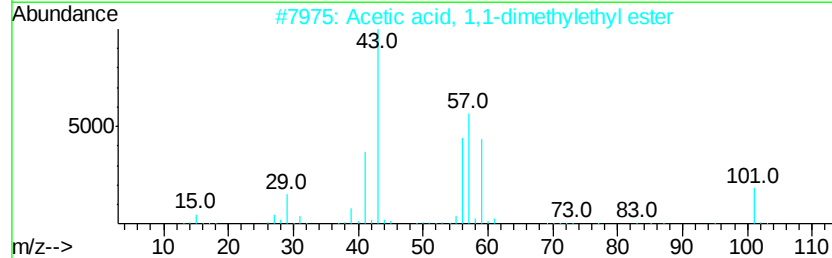
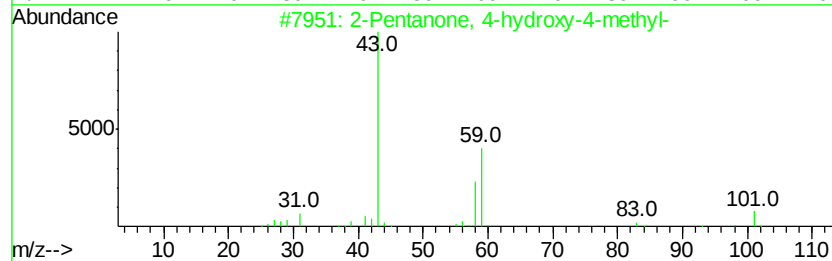
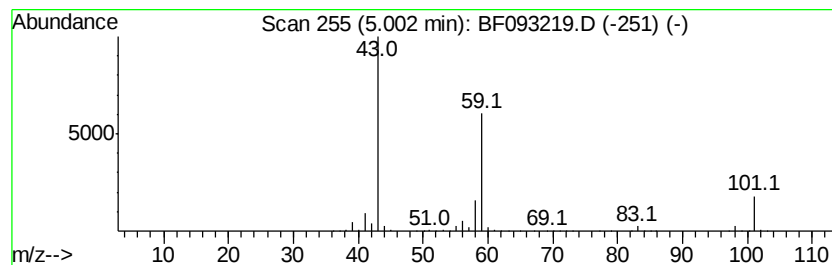
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	139.75 ng	6662410	1,4-Dichlorobenzene-d4	6.82

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	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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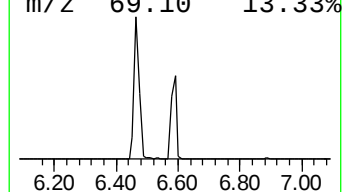
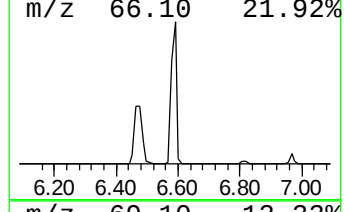
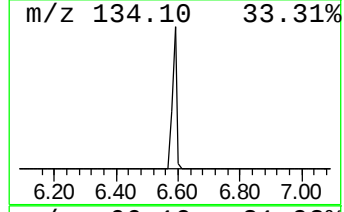
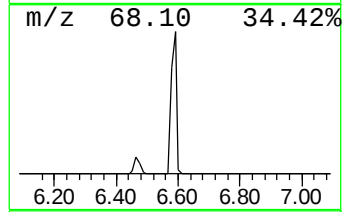
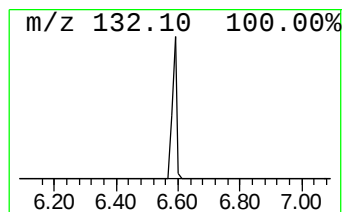
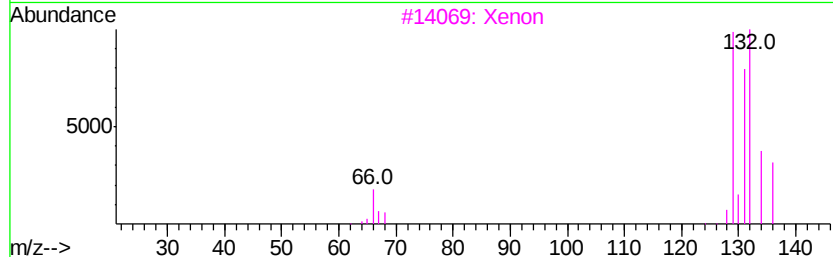
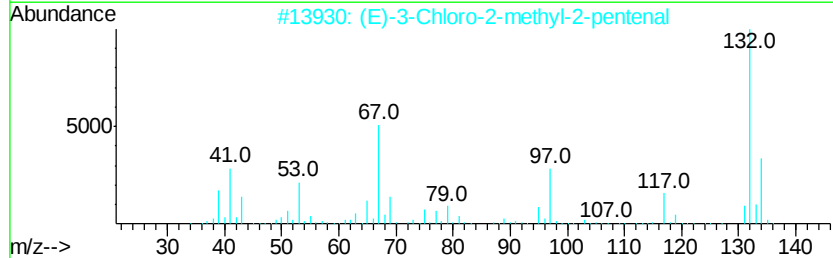
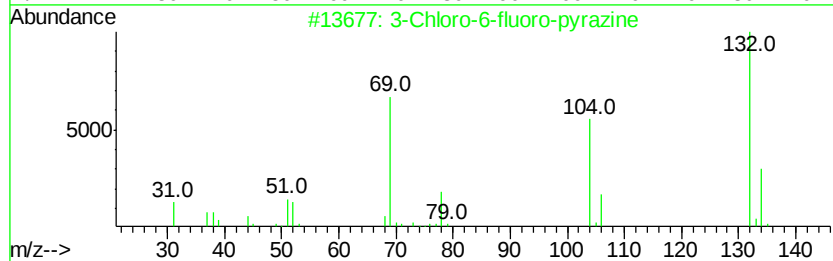
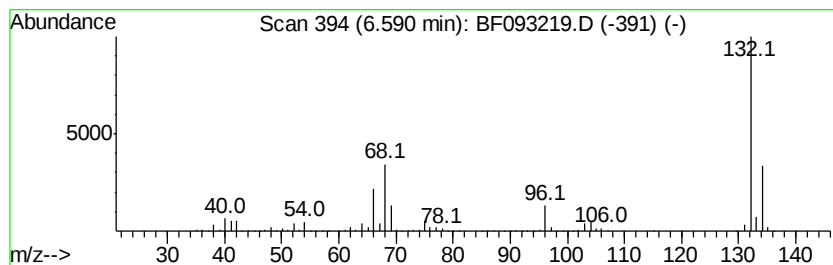
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.59 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	38.24 ng	1823130	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Xenon	132	Xe	007440-63-3	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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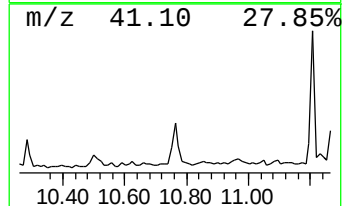
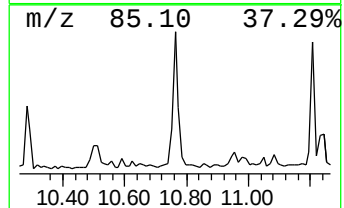
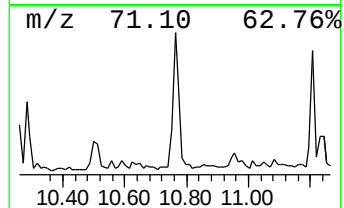
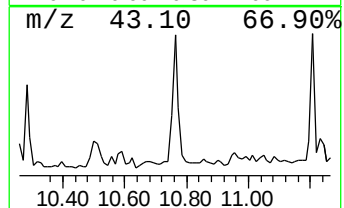
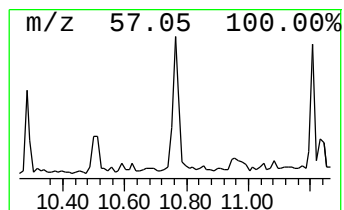
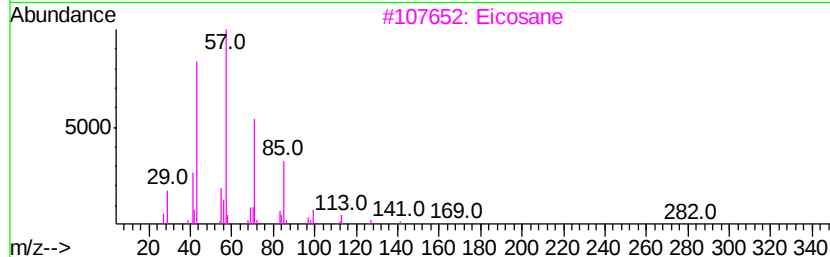
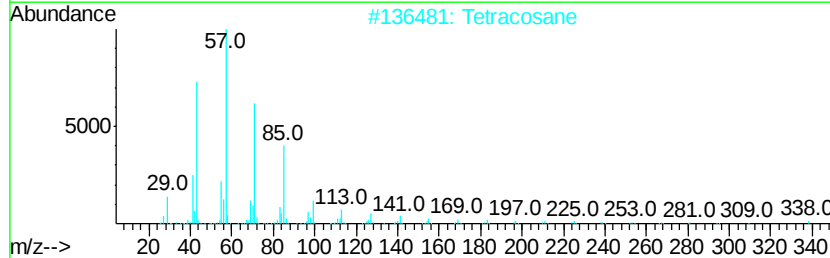
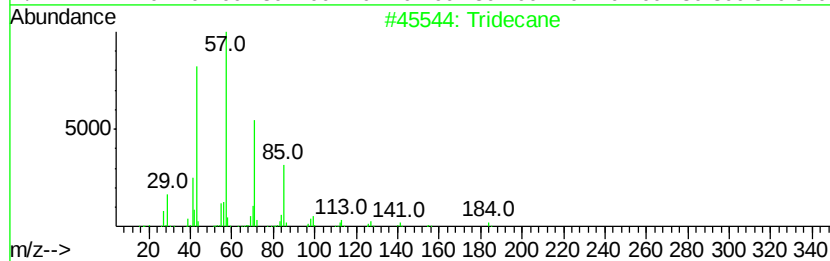
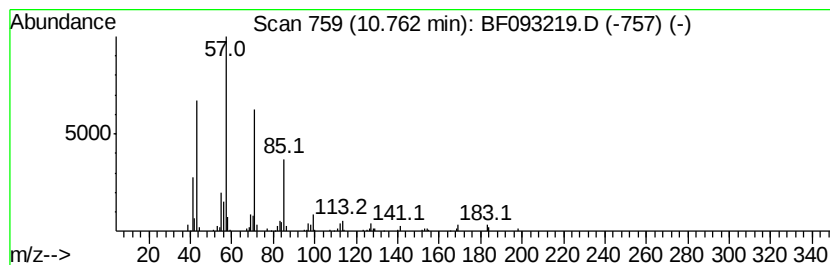
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.76	3.22 ng	219810	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetracosane	338	C24H50	000646-31-1	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



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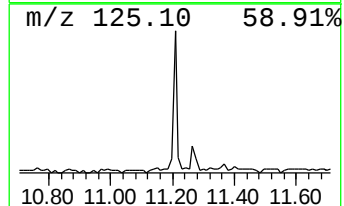
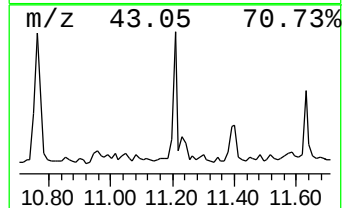
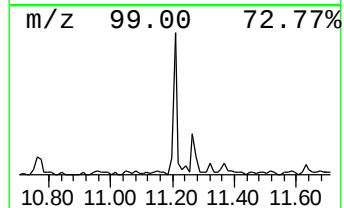
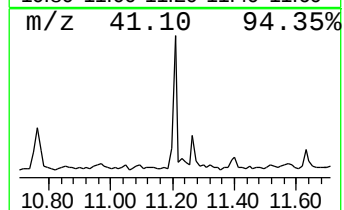
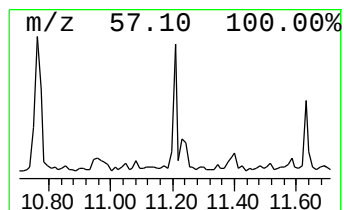
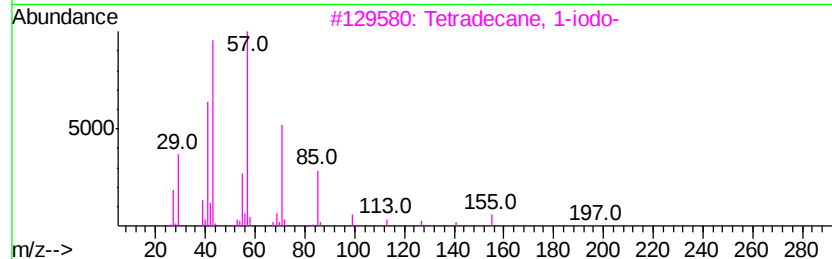
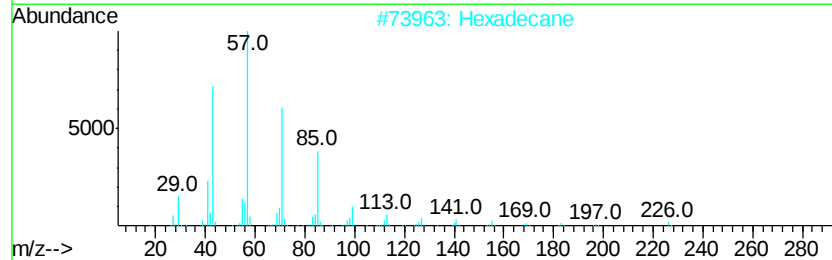
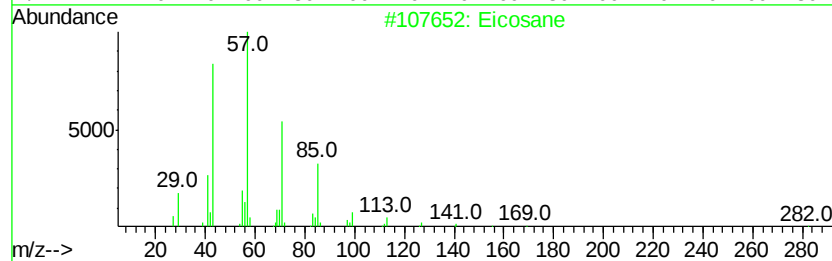
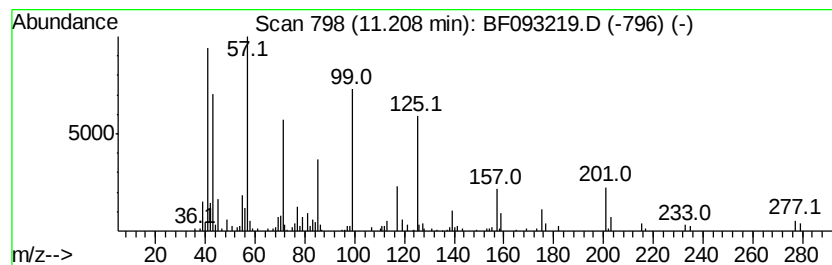
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown11.21 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	3.45 ng	235667	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	20
2		Hexadecane	226	C16H34	000544-76-3	18
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	18
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	18
5		Pentadecane	212	C15H32	000629-62-9	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093219.D
Acq On : 27 Feb 2017 22:02
Operator : SJ/MA
Sample : I2013-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CR-1

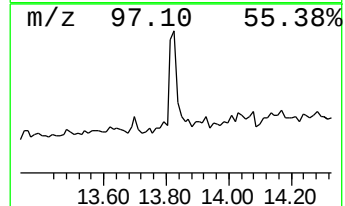
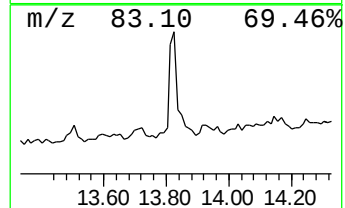
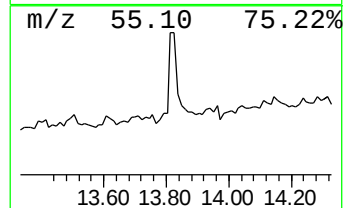
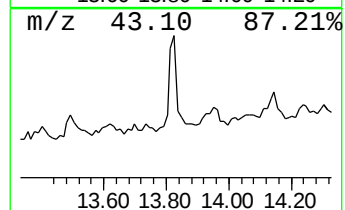
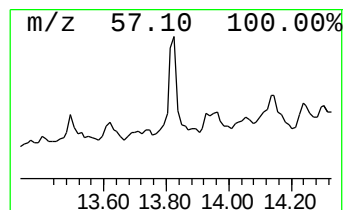
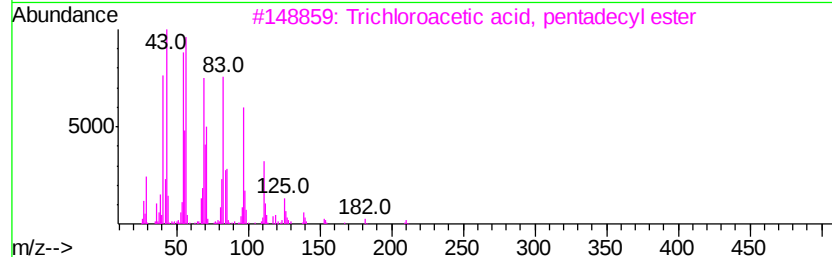
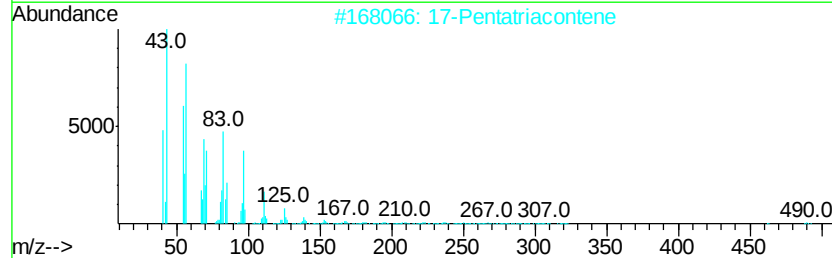
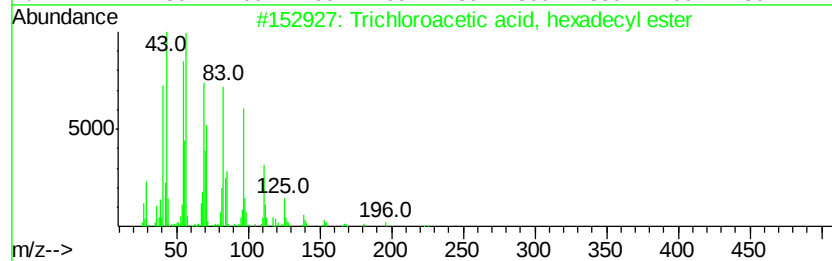
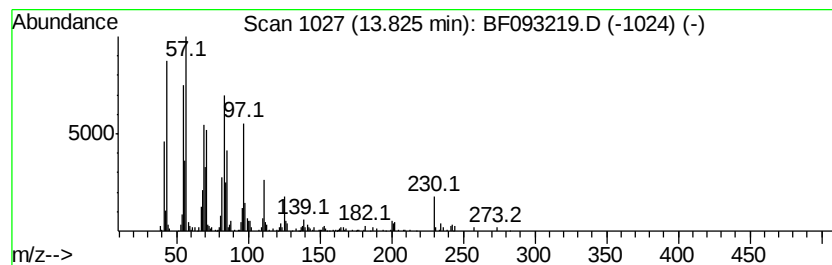
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.18 ng	347870	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
2		17-Pentatriacontene	491	C35H70	006971-40-0	87
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87



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ALS Vial : 8 Sample Multiplier: 1

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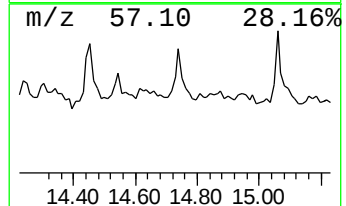
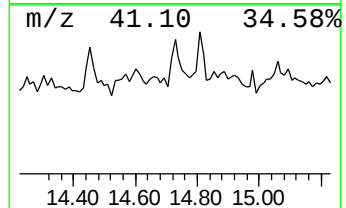
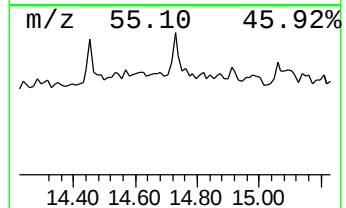
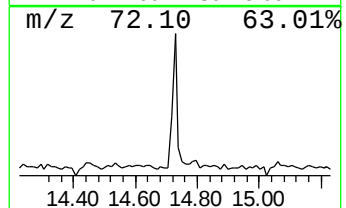
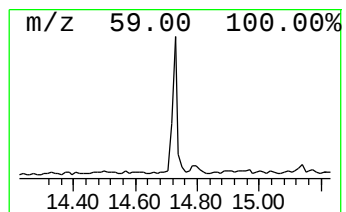
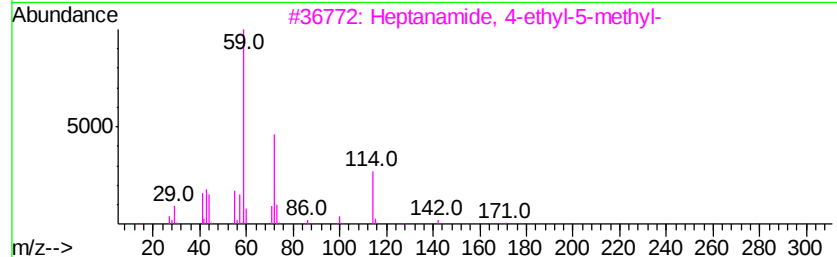
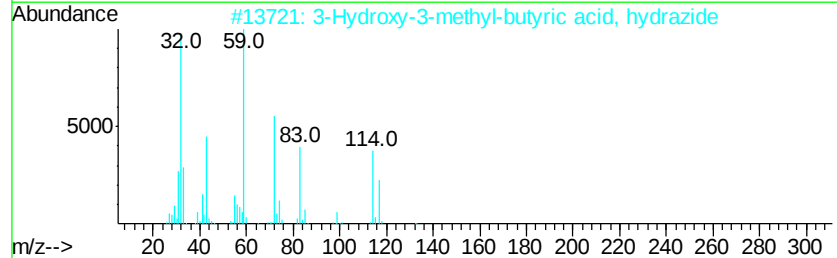
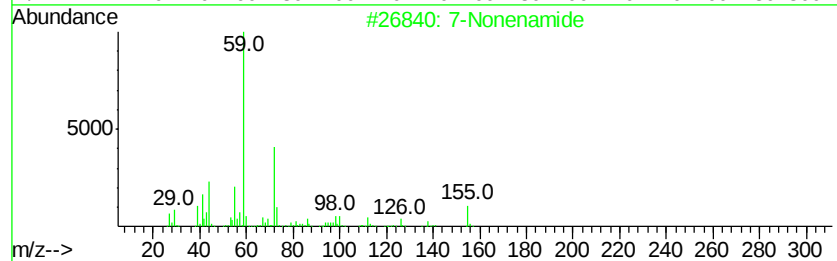
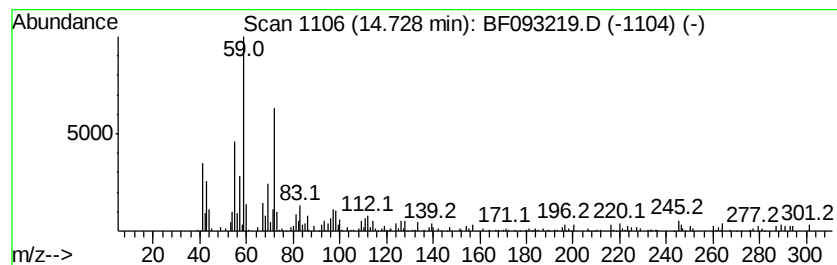
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 7-Nonenamide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.57 ng	123004	Perylene-d12	15.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Nonenamide		155	C9H17NO	090949-53-4	81
2	3-Hydroxy-3-methyl-butvric acid,...		132	C5H12N2O2	1000193-80-2	59
3	Heptanamide, 4-ethyl-5-methyl-		171	C10H21NO	054789-40-1	59
4	d-Glucosamine		179	C6H13NO5	000090-77-7	59
5	Acetic acid, bromo-, methyl ester		152	C3H5BrO2	000096-32-2	59



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Sample : I2013-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CR-1

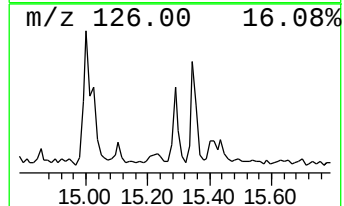
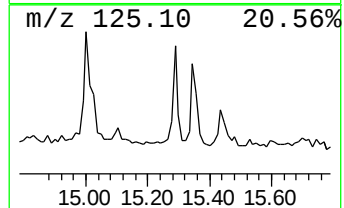
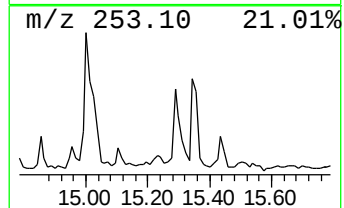
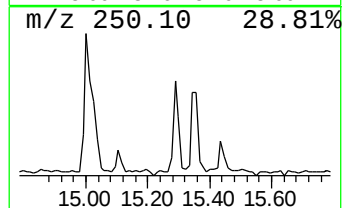
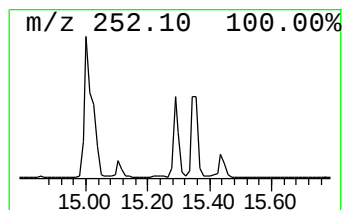
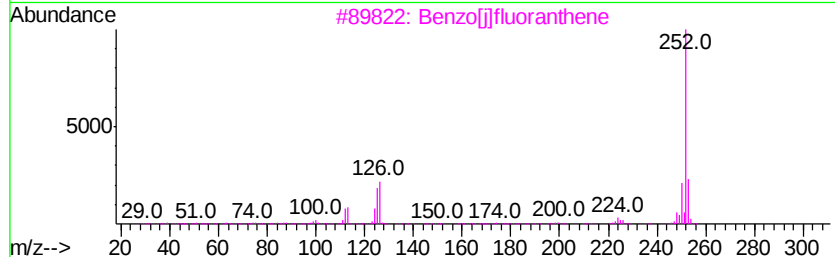
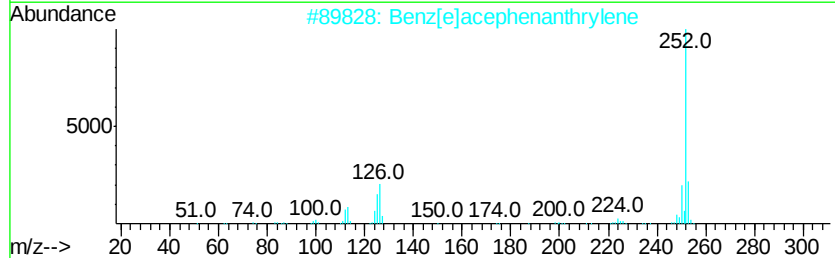
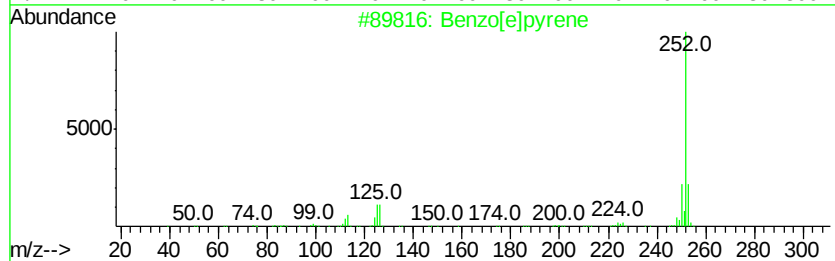
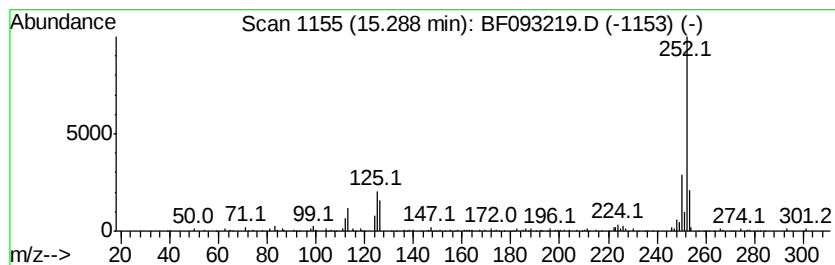
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.07 ng	99383	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Perylene	252	C20H12	000198-55-0	93



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Misc :
ALS Vial : 8 Sample Multiplier: 1

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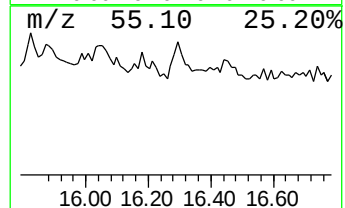
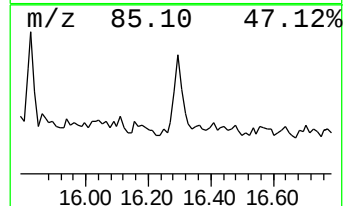
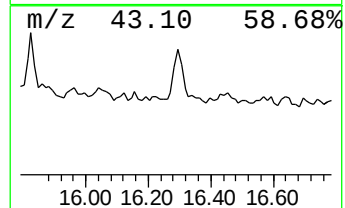
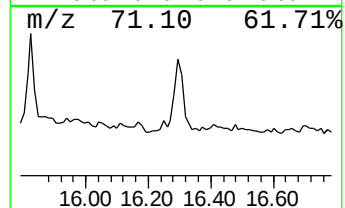
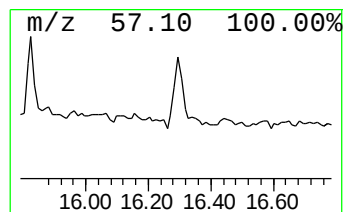
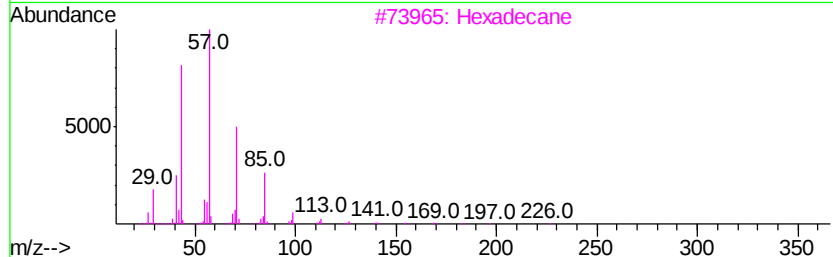
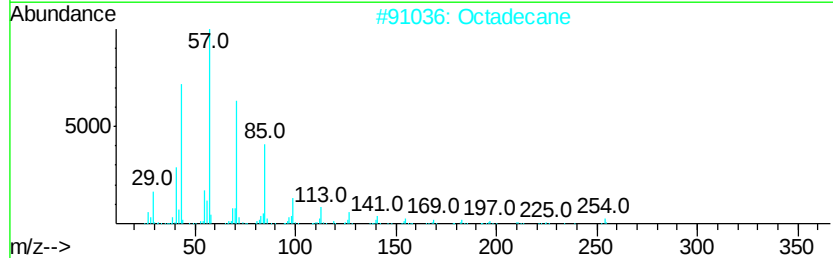
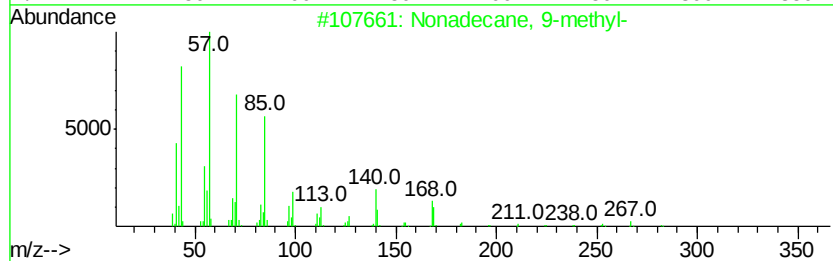
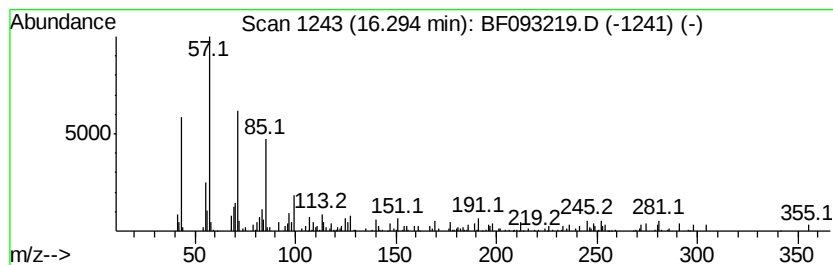
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.95 ng	141472	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2		Octadecane	254	C18H38	000593-45-3	83
3		Hexadecane	226	C16H34	000544-76-3	83
4		Heneicosane	296	C21H44	000629-94-7	64
5		Pentadecane	212	C15H32	000629-62-9	64



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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
3-Penten-2-one, 4...	4.32	53.7	ng	2561430	1	6.82	953503	20.0
2-Pentanone, 4-hy...	5.00	139.8	ng	6662410	1	6.82	953503	20.0
unknown6.59	6.59	38.2	ng	1823130	1	6.82	953503	20.0
Tridecane	10.76	3.2	ng	219810	4	11.35	1364610	20.0
unknown11.21	11.21	3.5	ng	235667	4	11.35	1364610	20.0
Trichloroacetic a...	13.83	6.2	ng	347870	5	13.99	1126270	20.0
7-Nonenamide	14.73	2.6	ng	123004	6	15.41	958253	20.0
Benzo[e]pyrene	15.29	2.1	ng	99383	6	15.41	958253	20.0
Nonadecane, 9-met...	16.29	3.0	ng	141472	6	15.41	958253	20.0