

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084826.D
 Acq On : 4 Feb 2016 10:40
 Operator : SJ/IZ
 Sample : H1322-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B014(5-7)

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-BF020116.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	4.133	177	179	184	rBV	43501	71066	1.57%	0.153%
2	4.841	238	241	250	rVB	1142875	1780034	39.31%	3.839%
3	5.276	277	279	282	rBV	3148594	4139476	91.41%	8.927%
4	5.687	313	315	317	rBV	56295	54697	1.21%	0.118%
5	6.339	369	372	374	rBV	4133520	4528284	100.00%	9.765%
6	6.453	379	382	385	rBV	4397649	4108664	90.73%	8.860%
7	6.682	400	402	405	rBV	1292304	1120189	24.74%	2.416%
8	6.842	413	416	418	rBV	3874453	3485487	76.97%	7.516%
9	7.253	449	452	455	rBV	2467577	2643399	58.38%	5.701%
10	7.379	458	463	469	rBV	85725	122581	2.71%	0.264%
11	7.973	512	515	517	rBV	1755806	1541598	34.04%	3.324%
12	9.059	607	610	612	rBV	3245166	4367434	96.45%	9.418%
13	9.448	642	644	646	rBV	791030	742520	16.40%	1.601%
14	9.665	661	663	665	rBV	97619	101843	2.25%	0.220%
15	9.722	665	668	670	rVV	1732966	1531025	33.81%	3.302%
16	9.756	670	671	673	rVB	66286	47373	1.05%	0.102%
17	10.145	700	705	706	rBV	29870	64120	1.42%	0.138%
18	10.168	706	707	709	rVB	185348	131547	2.91%	0.284%
19	10.270	714	716	719	rVB	44676	58605	1.29%	0.126%
20	10.385	724	726	729	rBV	48261	75484	1.67%	0.163%
21	10.510	734	737	739	rBV	2723738	2535302	55.99%	5.467%
22	10.636	746	748	752	rVB	180928	196421	4.34%	0.424%
23	10.831	760	765	769	rBV6	25642	73598	1.63%	0.159%
24	11.082	786	787	793	rVB	108042	168499	3.72%	0.363%
25	11.196	795	797	801	rVV2	1167560	1955580	43.19%	4.217%
26	11.276	801	804	806	rVB	178562	178863	3.95%	0.386%
27	11.436	815	818	819	rBV2	42934	53382	1.18%	0.115%
28	11.516	822	825	826	rBV	35951	61864	1.37%	0.133%
29	11.699	839	841	842	rBV	92647	84412	1.86%	0.182%
30	11.733	842	844	847	rVV	97679	140909	3.11%	0.304%
31	11.813	849	851	855	rVB2	114476	189634	4.19%	0.409%
32	11.893	856	858	863	rBV5	37963	97866	2.16%	0.211%
33	11.996	865	867	871	rVB2	89914	122999	2.72%	0.265%
34	12.248	886	889	891	rBV	57575	82526	1.82%	0.178%

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35	12.305	891	894	895	rVV2	31433	53023	1.17%	0.114%
36	12.339	895	897	901	rVB	45376	56514	1.25%	0.122%
37	12.408	901	903	905	rBV	954448	788749	17.42%	1.701%
38	12.556	912	916	918	rBV2	35080	54103	1.19%	0.117%
39	12.636	920	923	925	rBV	682148	832873	18.39%	1.796%
40	12.682	925	927	930	rVB2	34496	73311	1.62%	0.158%
41	12.785	934	936	939	rVB	2738968	2572631	56.81%	5.548%
42	12.854	939	942	946	rBV2	42131	83158	1.84%	0.179%
43	12.968	946	952	953	rBV2	61056	127335	2.81%	0.275%
44	13.025	955	957	959	rBV	40759	54730	1.21%	0.118%
45	13.071	959	961	962	rBV	47293	66477	1.47%	0.143%
46	13.322	981	983	985	rBV	34047	53522	1.18%	0.115%
47	13.368	985	987	992	rVB5	21334	57740	1.28%	0.125%
48	13.471	992	996	1000	rBV	55566	86302	1.91%	0.186%
49	13.574	1003	1005	1007	rBV2	45676	67064	1.48%	0.145%
50	13.699	1013	1016	1024	rBV3	207678	418709	9.25%	0.903%
51	13.825	1024	1027	1032	rBV2	1019713	1629633	35.99%	3.514%
52	14.019	1040	1044	1047	rBV4	33593	70341	1.55%	0.152%
53	14.214	1059	1061	1063	rBV	51363	54416	1.20%	0.117%
54	14.591	1093	1094	1099	rVB4	54984	106003	2.34%	0.229%
55	14.682	1099	1102	1106	rBV2	48230	98494	2.18%	0.212%
56	14.831	1112	1115	1119	rBV	217033	431486	9.53%	0.931%
57	14.922	1121	1123	1125	rVB2	47914	54109	1.19%	0.117%
58	15.094	1136	1138	1141	rVB	131610	157593	3.48%	0.340%
59	15.151	1141	1143	1145	rVV	181359	214296	4.73%	0.462%
60	15.208	1145	1148	1155	rVB	791007	1034402	22.84%	2.231%
61	16.191	1232	1234	1241	rVB7	33069	74577	1.65%	0.161%
62	16.488	1257	1260	1264	rVB2	84976	162216	3.58%	0.350%
63	16.637	1271	1273	1276	rBV	21663	53689	1.19%	0.116%
64	16.877	1290	1294	1299	rVB	58668	126413	2.79%	0.273%

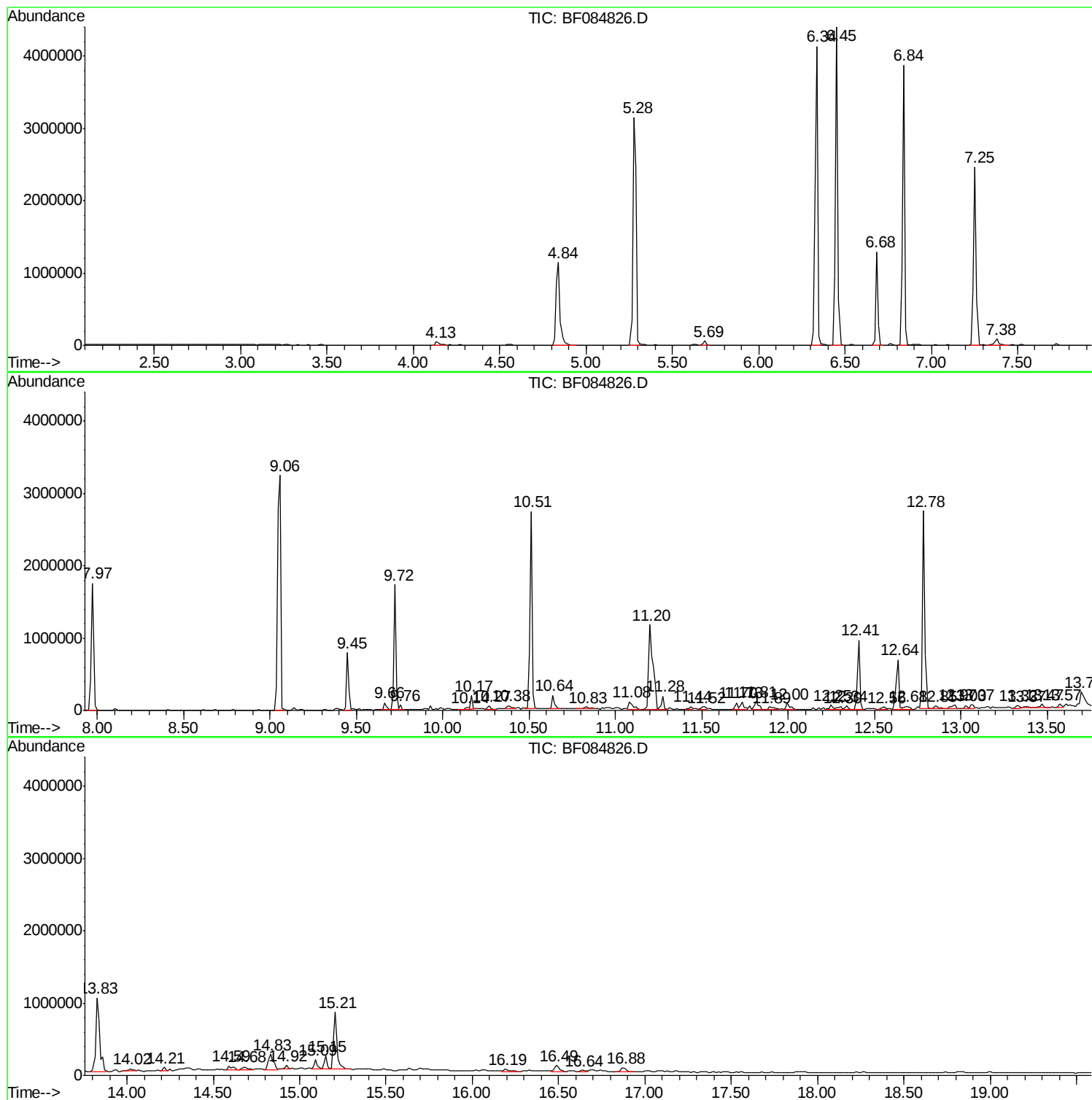
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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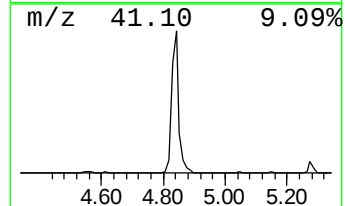
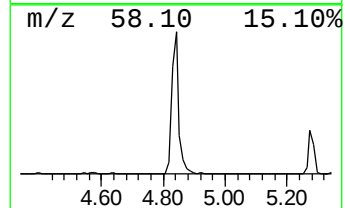
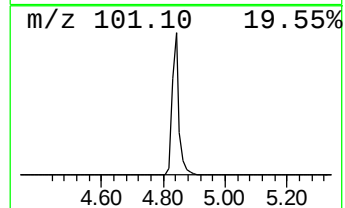
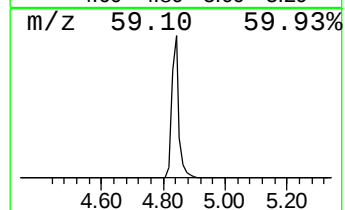
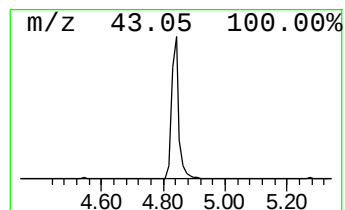
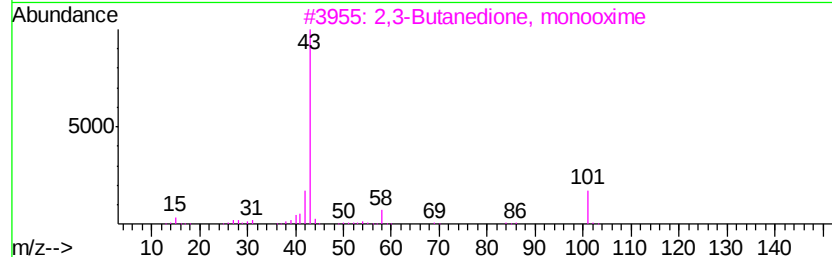
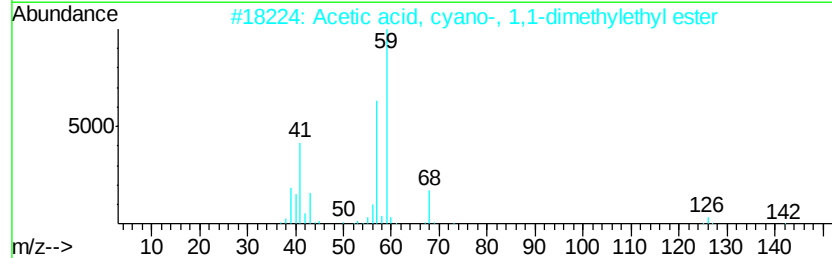
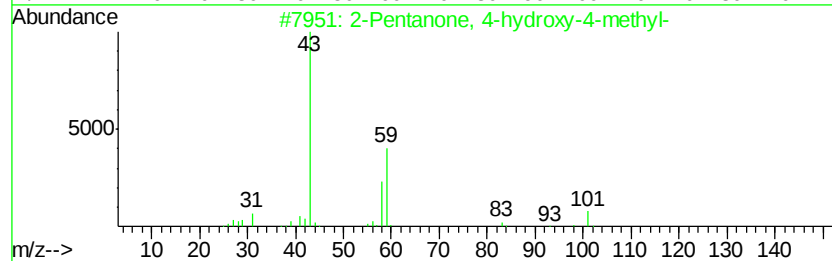
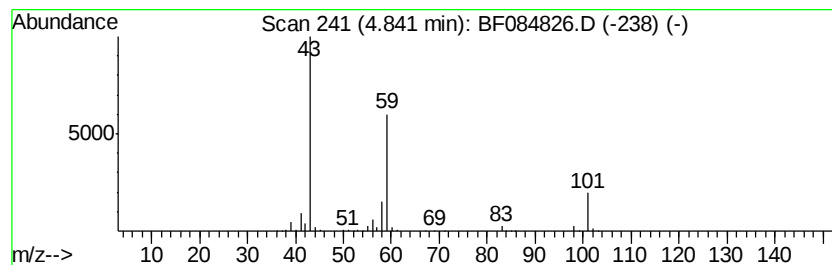
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	31.78 ng	1780030	1,4-Dichlorobenzene-d4	6.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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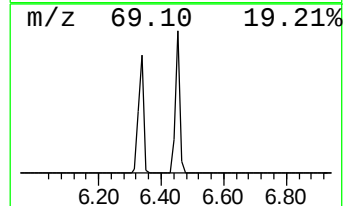
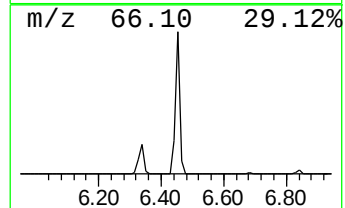
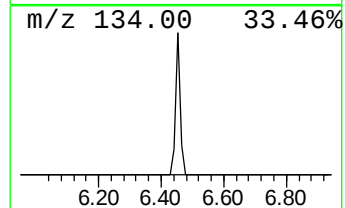
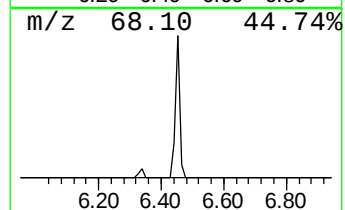
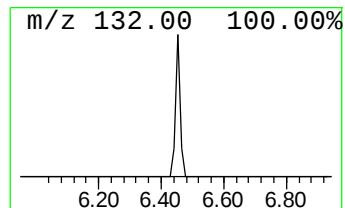
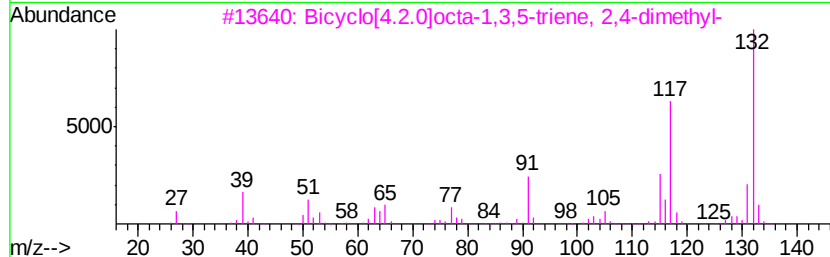
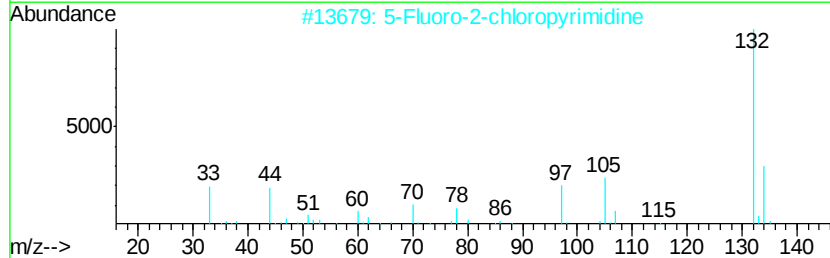
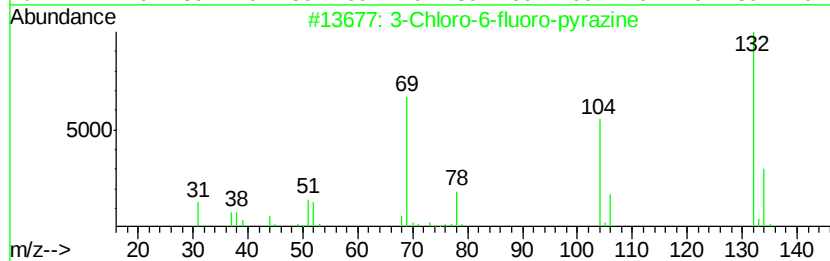
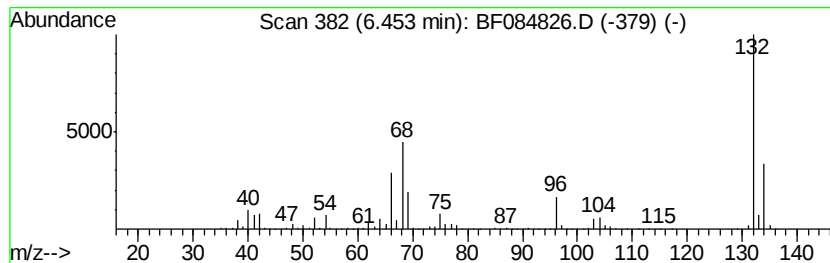
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	73.36 ng	4108660	1,4-Dichlorobenzene-d4	6.68

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		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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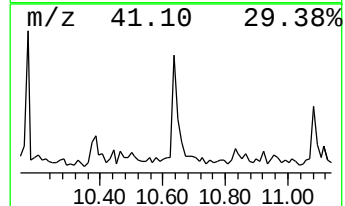
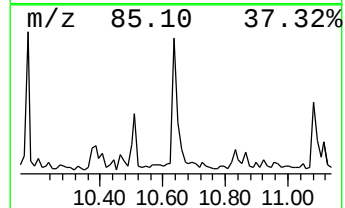
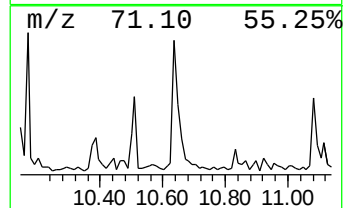
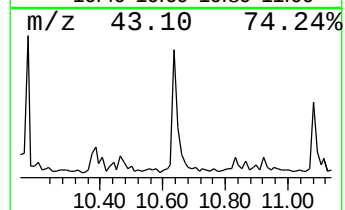
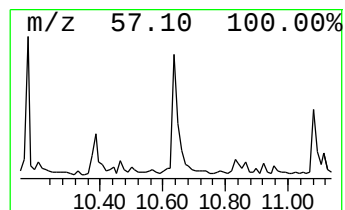
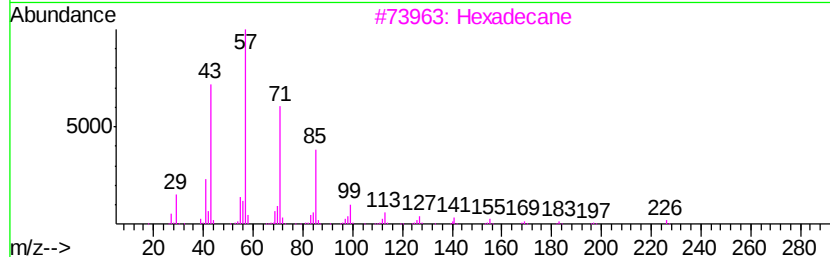
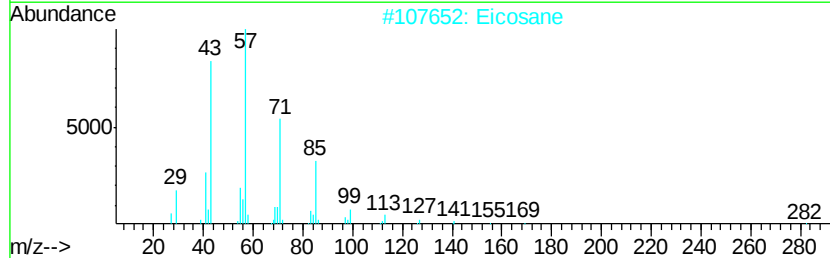
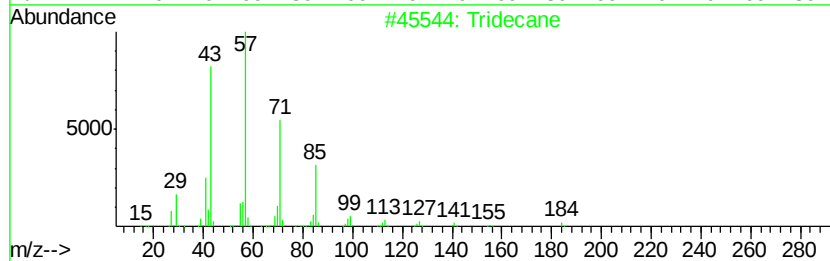
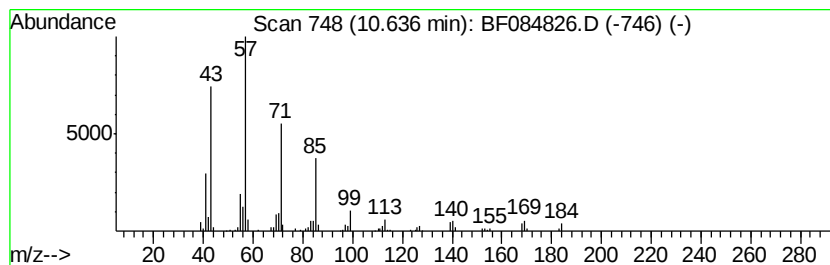
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.64	2.01 ng	196421	Phenanthrene-d10		11.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Eicosane	282	C20H42	000112-95-8	76
3	Hexadecane	226	C16H34	000544-76-3	72
4	5-Ethyldecane	170	C12H26	017302-36-2	68
5	Tetracosane	338	C24H50	000646-31-1	64



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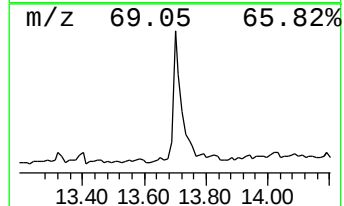
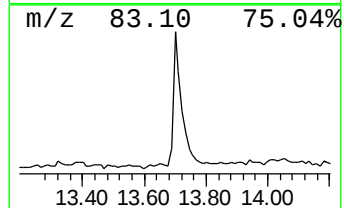
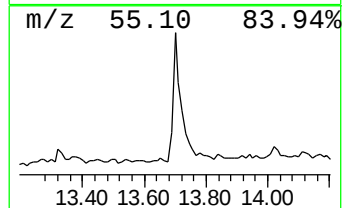
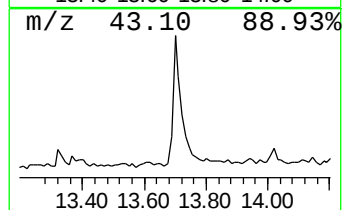
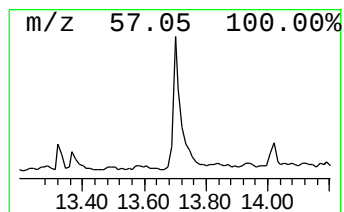
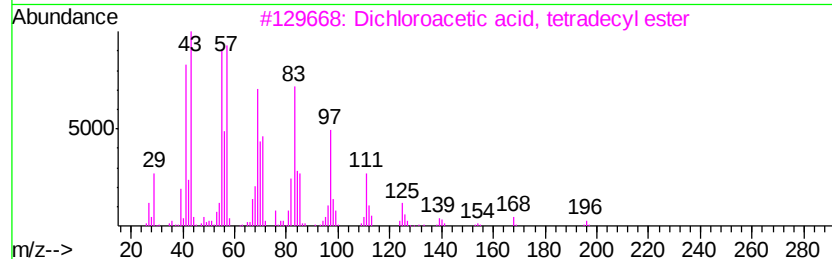
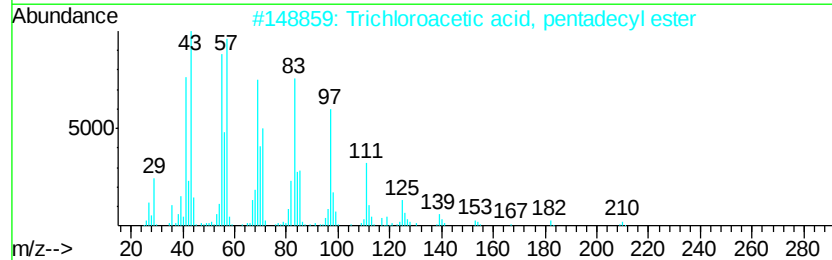
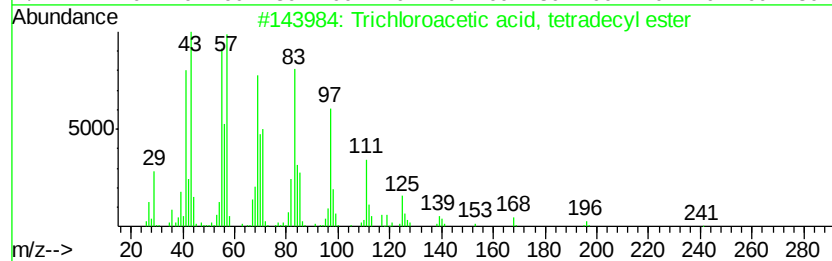
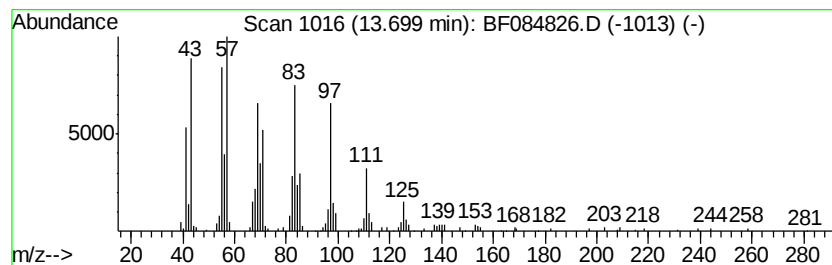
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Trichloroacetic acid, tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	5.14 ng	418709	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3		Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	91
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5		1-Docosene	308	C22H44	001599-67-3	90



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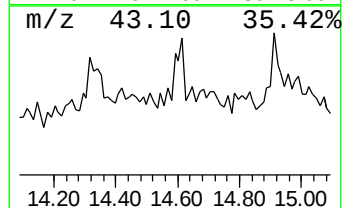
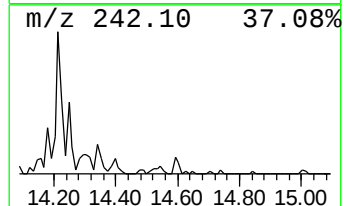
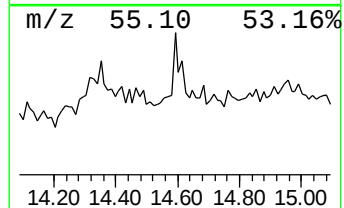
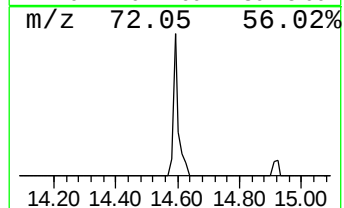
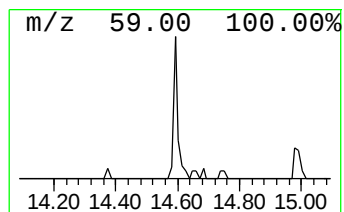
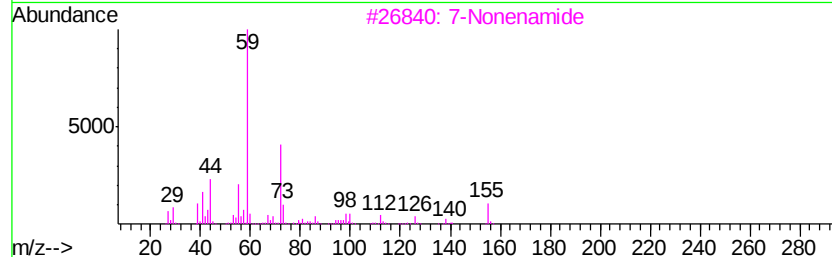
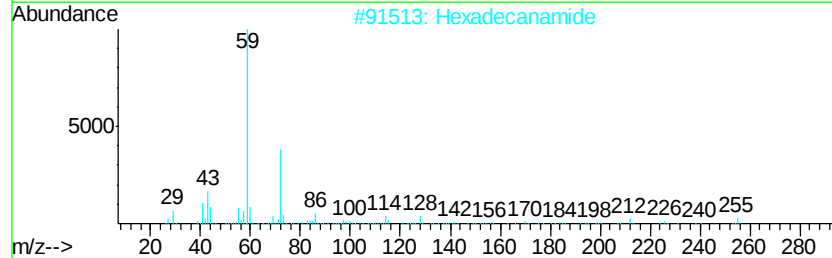
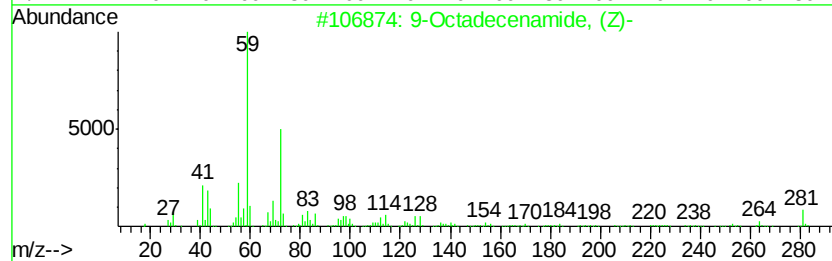
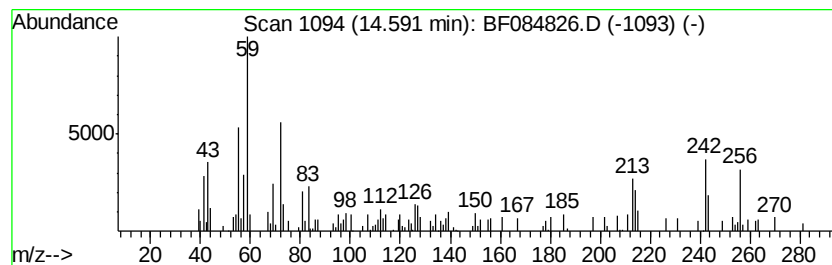
Instrument :
BNA_F
ClientSampleId :
S4-B014(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.59	2.05 ng	106003	Perylene-d12	15.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	60
2	Hexadecanamide	255	C16H33NO	000629-54-9	49
3	7-Nonenamide	155	C9H17NO	090949-53-4	45
4	Octanamide	143	C8H17NO	000629-01-6	43
5	Tetradecanamide	227	C14H29NO	000638-58-4	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084826.D
Acq On : 4 Feb 2016 10:40
Operator : SJ/IZ
Sample : H1322-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B014(5-7)

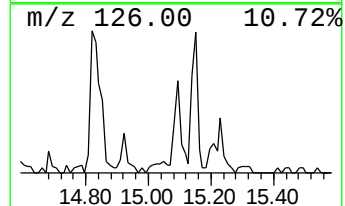
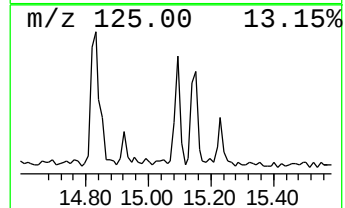
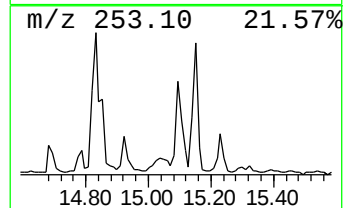
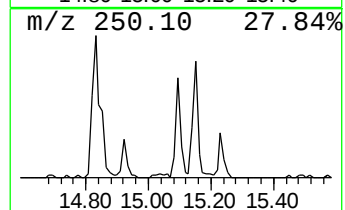
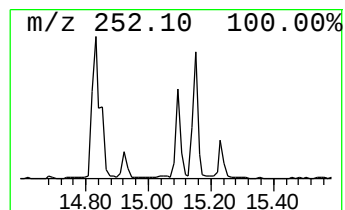
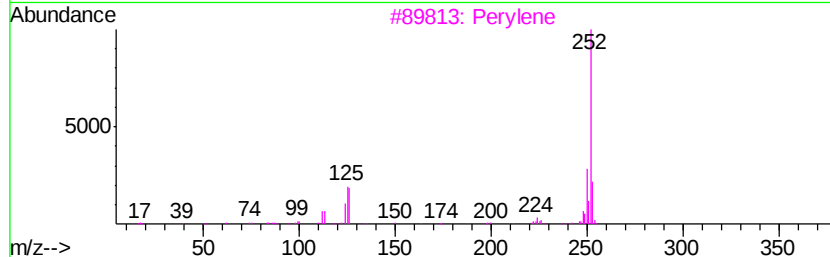
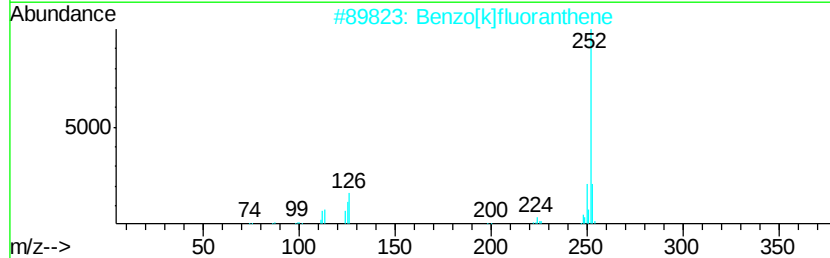
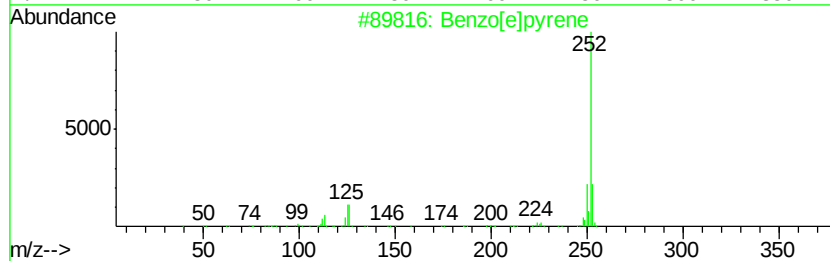
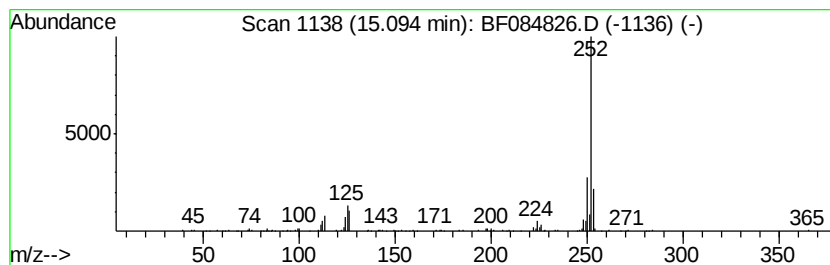
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.05 ng	157593	Perylene-d12	15.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	93
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Perylene	252	C20H12	000198-55-0	90
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084826.D
Acq On : 4 Feb 2016 10:40
Operator : SJ/IZ
Sample : H1322-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B014(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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...	4.84	31.8	ng	1780030	1	6.68	1120190	20.0
unknown6.45	6.45	73.4	ng	4108660	1	6.68	1120190	20.0
Tridecane	10.64	2.0	ng	196421	4	11.20	1955580	20.0
Trichloroacetic a...	13.70	5.1	ng	418709	5	13.83	1629630	20.0
9-Octadecenamide,...	14.59	2.0	ng	106003	6	15.21	1034400	20.0
Benzo[e]pyrene	15.09	3.0	ng	157593	6	15.21	1034400	20.0