

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083386.D
 Acq On : 1 Dec 2015 21:58
 Operator : UM/IZ
 Sample : G4593-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S14-15

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-BF113015.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	3.904	191	194	197	rBV	34784	73568	1.15%	0.131%
2	3.961	197	199	208	rVB	36446	80136	1.26%	0.143%
3	4.659	257	260	276	rVB	846207	1716752	26.91%	3.066%
4	5.139	300	302	311	rBV	4629970	5179951	81.19%	9.250%
5	6.225	394	397	399	rBV	5067220	6099781	95.61%	10.893%
6	6.327	403	406	408	rBV	4589551	5568954	87.29%	9.945%
7	6.545	423	425	428	rBV	1081254	1005986	15.77%	1.796%
8	6.705	437	439	441	rBV	4493628	4017278	62.97%	7.174%
9	7.127	473	476	478	rBV	2563807	3760085	58.93%	6.714%
10	7.173	478	480	482	rVV	71013	80314	1.26%	0.143%
11	7.276	486	489	493	rBV	213716	332473	5.21%	0.594%
12	7.779	528	533	536	rBV6	20637	66032	1.03%	0.118%
13	7.836	536	538	544	rVB	1474766	1392130	21.82%	2.486%
14	8.453	590	592	593	rBV	68228	66668	1.04%	0.119%
15	8.796	619	622	625	rVB2	54529	85581	1.34%	0.153%
16	8.922	630	633	635	rVV	5771673	6380104	100.00%	11.393%
17	9.013	639	641	644	rVB	107573	102836	1.61%	0.184%
18	9.322	666	668	670	rBV	1294083	1176770	18.44%	2.101%
19	9.539	685	687	689	rBV	189314	184466	2.89%	0.329%
20	9.585	689	691	693	rVV	1440480	1407297	22.06%	2.513%
21	9.791	706	709	711	rBV3	41296	83122	1.30%	0.148%
22	10.008	724	728	729	rBV2	77800	109404	1.71%	0.195%
23	10.042	729	731	733	rVB	277168	245243	3.84%	0.438%
24	10.259	747	750	751	rBV	103421	139173	2.18%	0.249%
25	10.374	758	760	763	rVB	3363634	3450946	54.09%	6.162%
26	10.522	771	773	777	rBV	250703	409769	6.42%	0.732%
27	11.014	814	816	818	rBV	192936	190038	2.98%	0.339%
28	11.116	823	825	827	rBV	1015344	1435484	22.50%	2.563%
29	11.208	830	833	839	rVB4	50085	162791	2.55%	0.291%
30	11.436	849	853	858	rBV3	94527	182256	2.86%	0.325%
31	11.528	858	861	864	rVB	95430	127538	2.00%	0.228%
32	11.734	873	879	880	rBV3	49773	87551	1.37%	0.156%
33	11.768	880	882	885	rVB2	58421	91861	1.44%	0.164%
34	11.825	885	887	889	rBV	413613	546239	8.56%	0.975%

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35	12.054	904	907	911	rBV	63647	97795	1.53%	0.175%
36	12.385	932	936	938	rBV2	44795	74928	1.17%	0.134%
37	12.465	938	943	946	rBV2	69557	129359	2.03%	0.231%
38	12.579	951	953	956	rVB	53631	74574	1.17%	0.133%
39	12.659	957	960	962	rVB	194657	270281	4.24%	0.483%
40	12.899	979	981	984	rBV	136424	221020	3.46%	0.395%
41	12.957	984	986	989	rVB2	202771	332933	5.22%	0.595%
42	13.220	1005	1009	1012	rBV	3786241	5444662	85.34%	9.723%
43	14.671	1133	1136	1139	rBV2	106604	253157	3.97%	0.452%
44	14.751	1139	1143	1145	rVV	764707	1345379	21.09%	2.402%
45	14.785	1145	1146	1149	rVB	90903	87894	1.38%	0.157%
46	15.391	1193	1199	1204	rBV2	63258	131513	2.06%	0.235%
47	16.306	1275	1279	1281	rBV	67587	140476	2.20%	0.251%
48	16.671	1308	1311	1315	rVB	44432	72608	1.14%	0.130%
49	16.740	1315	1317	1320	rVB	54410	76060	1.19%	0.136%
50	16.808	1320	1323	1329	rBV	537263	878544	13.77%	1.569%
51	17.494	1380	1383	1389	rBV	32387	97637	1.53%	0.174%
52	18.191	1439	1444	1449	rBV2	31310	87145	1.37%	0.156%
53	18.569	1474	1477	1483	rVB	27565	74464	1.17%	0.133%
54	19.197	1528	1532	1540	rVB3	28454	70631	1.11%	0.126%

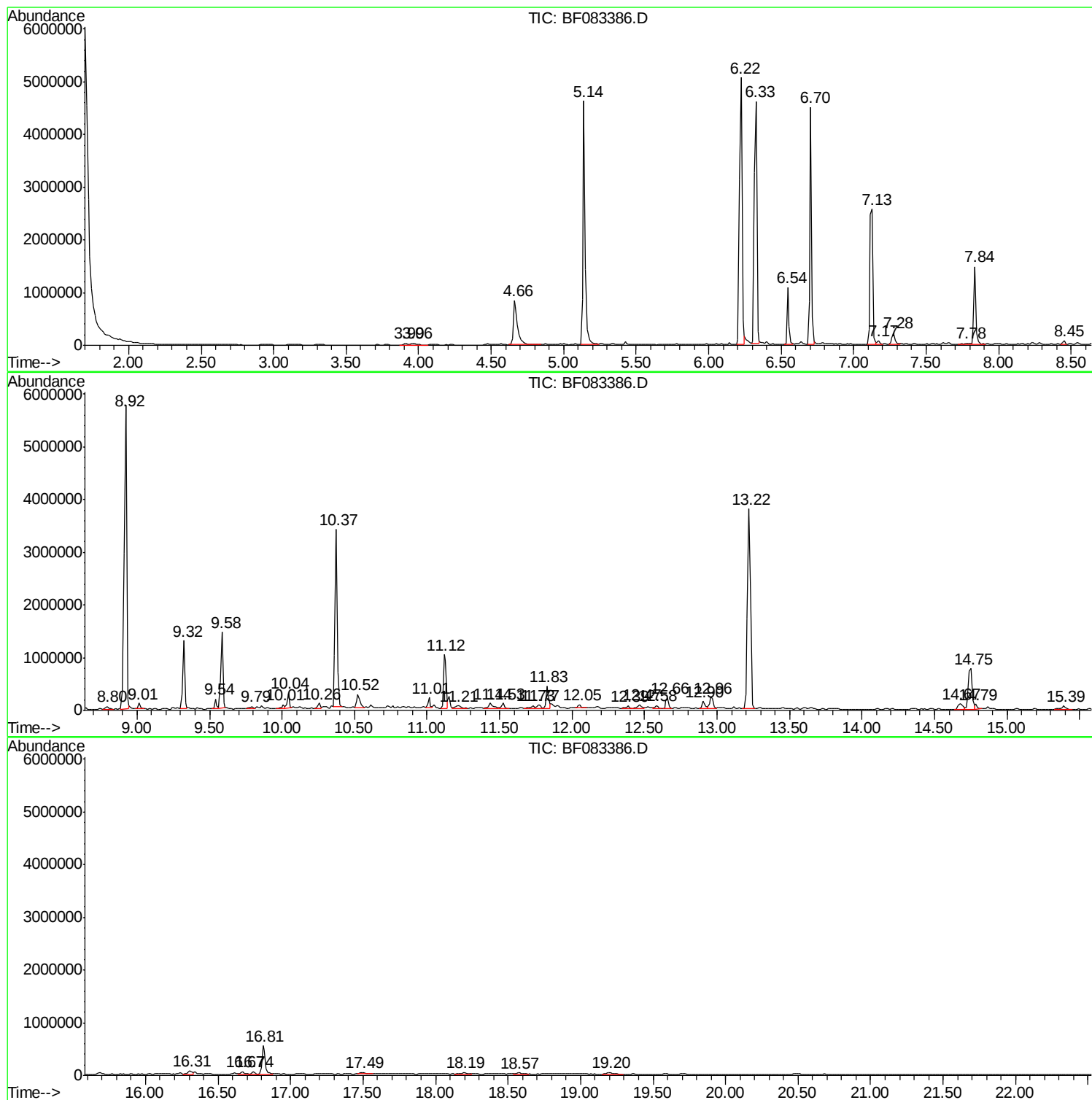
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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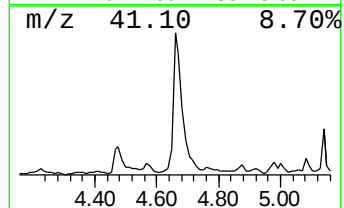
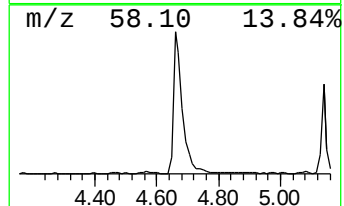
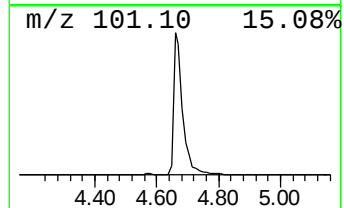
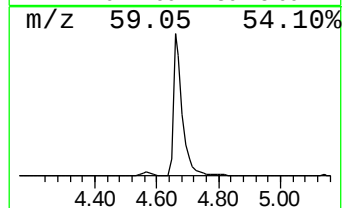
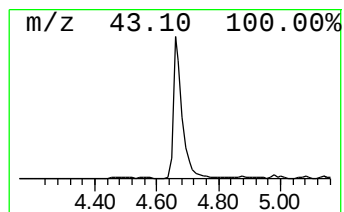
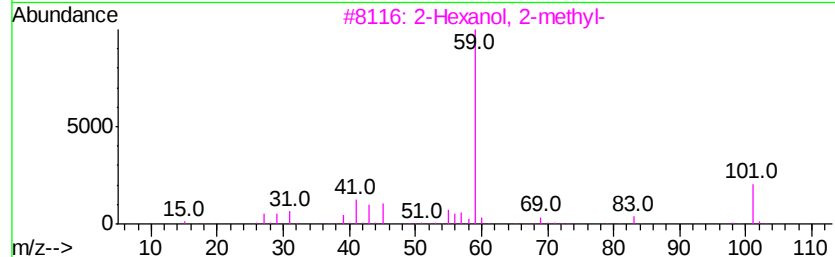
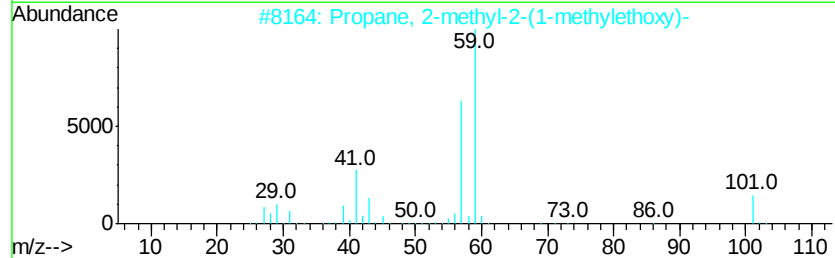
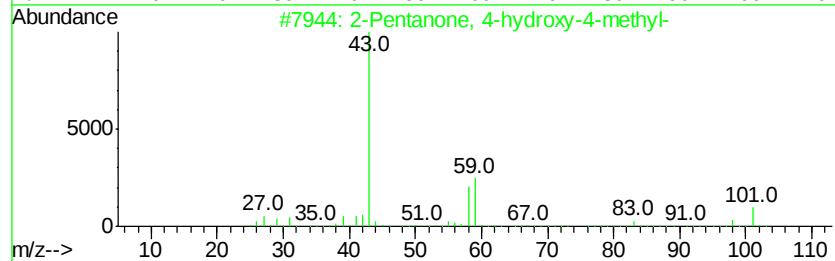
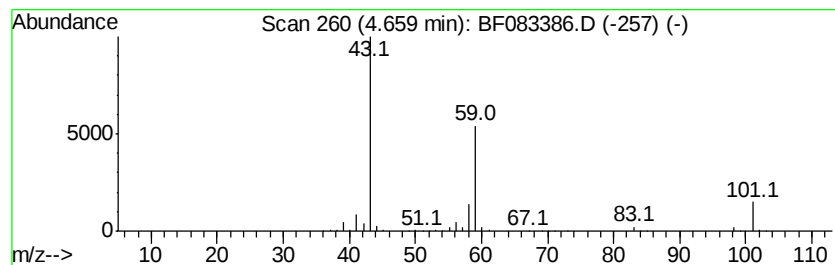
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.66	34.13 ng	1716750	1,4-Dichlorobenzene-d4	6.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42	
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33	
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32	



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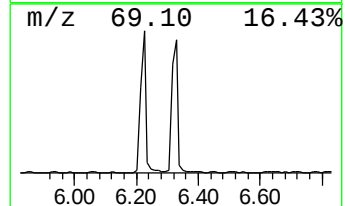
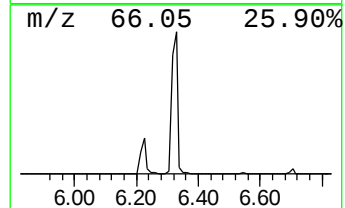
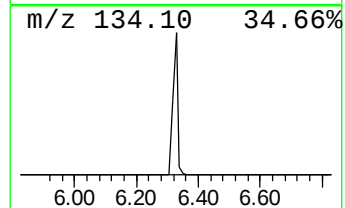
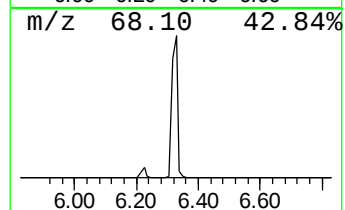
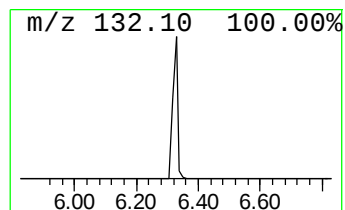
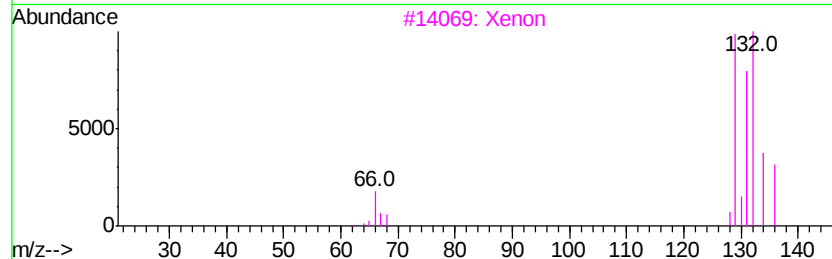
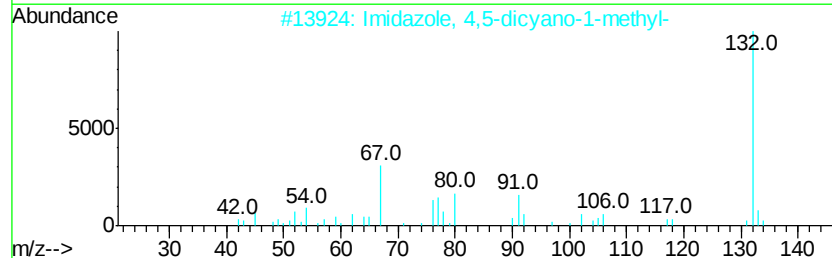
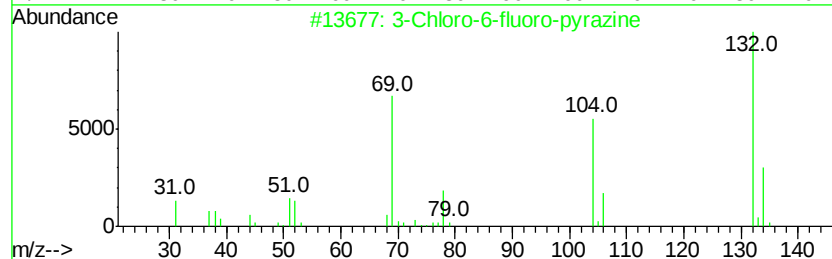
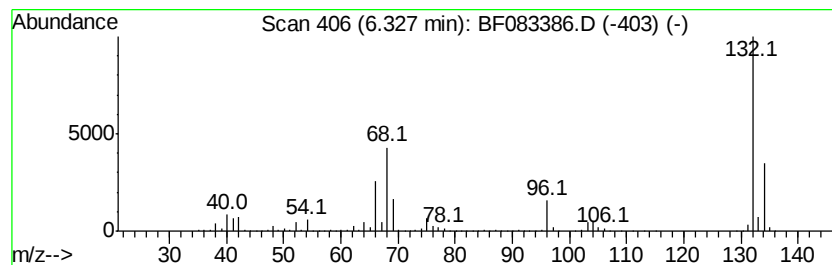
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	110.72 ng	5568950	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
3		Xenon	132	Xe	007440-63-3	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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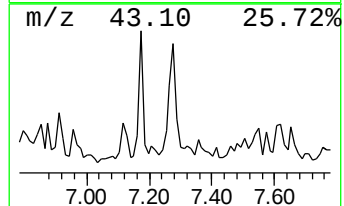
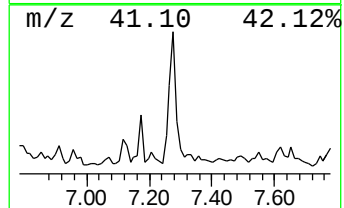
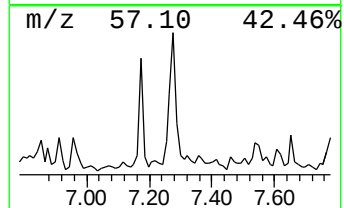
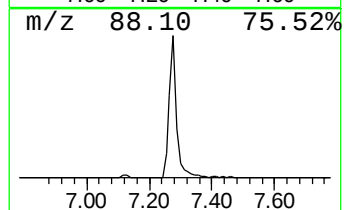
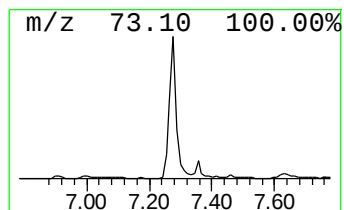
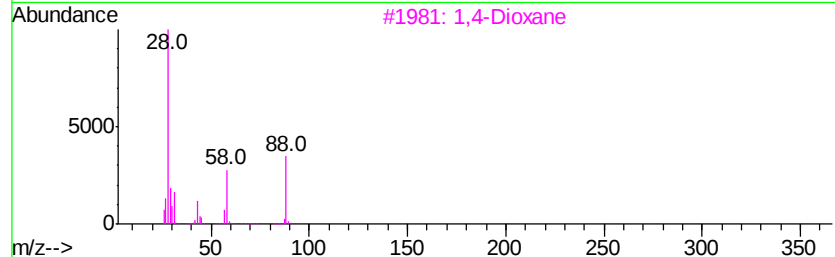
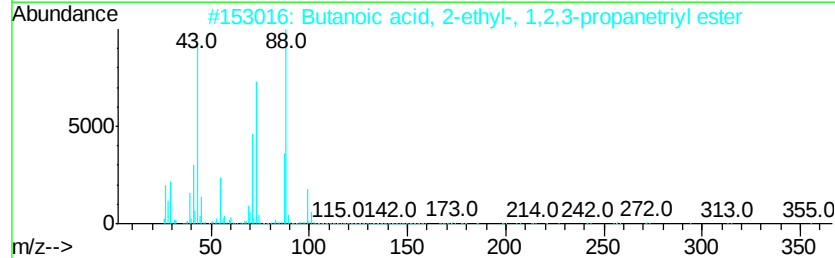
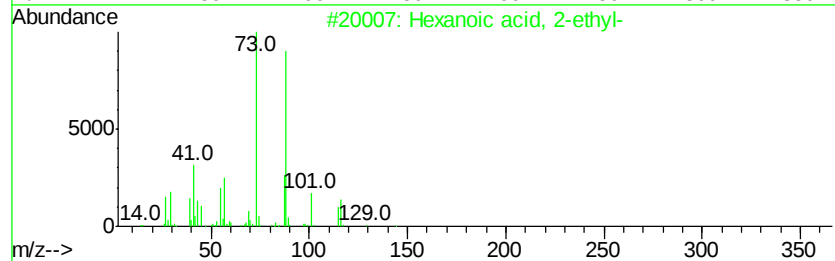
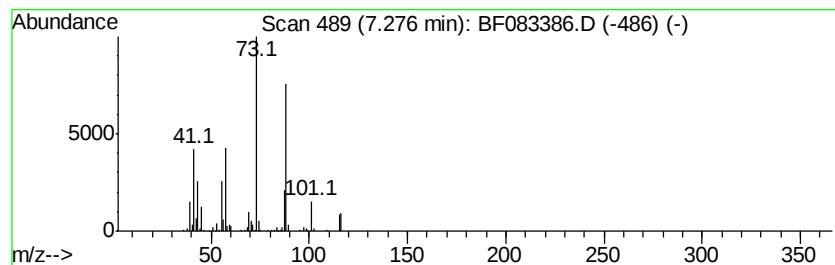
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	4.78 ng	332473	Naphthalene-d8	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3		1,4-Dioxane	88	C4H8O2	000123-91-1	47
4		Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	37
5		Propanoic acid, 3-hydroxy-2-meth...	118	C5H10O3	042998-03-8	36



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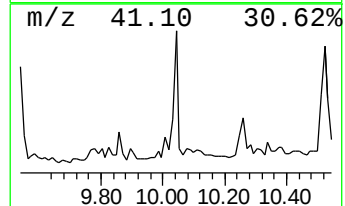
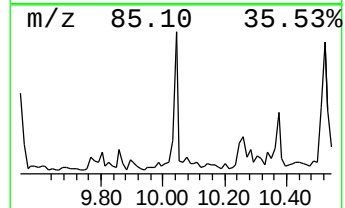
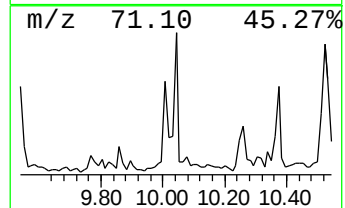
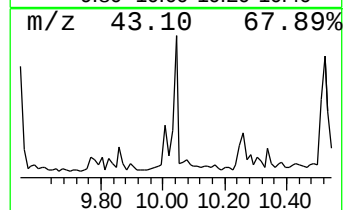
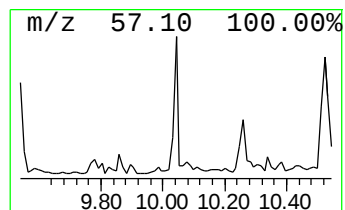
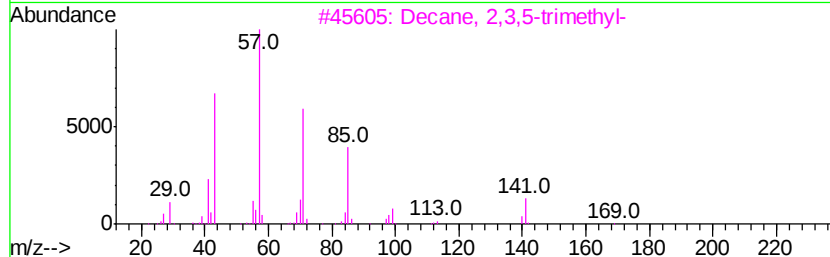
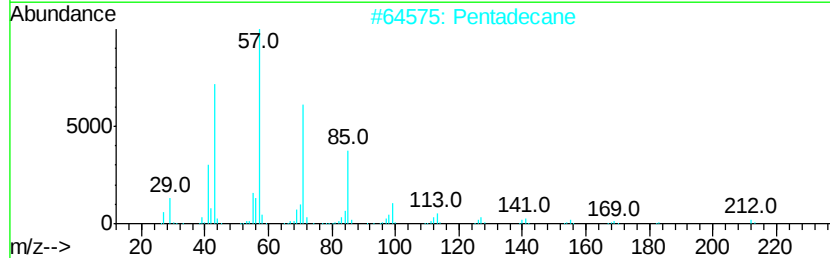
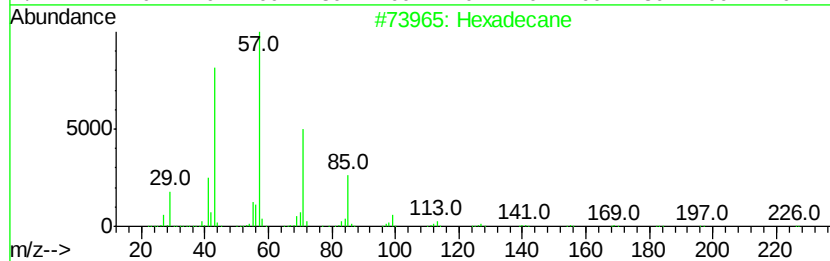
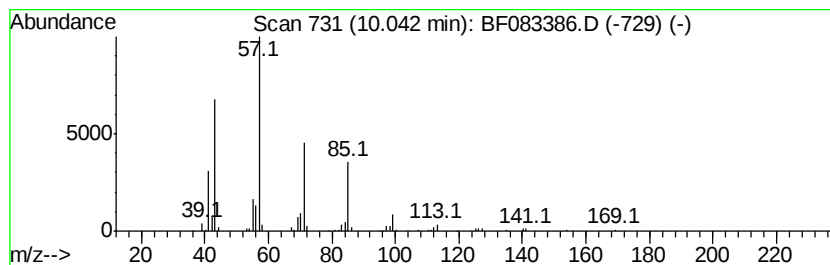
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.04	3.49 ng	245243	Acenaphthene-d10		9.58
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	83
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64



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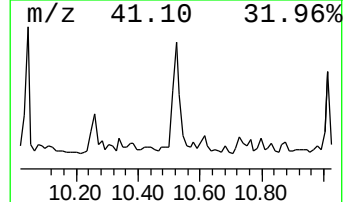
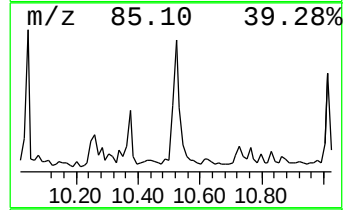
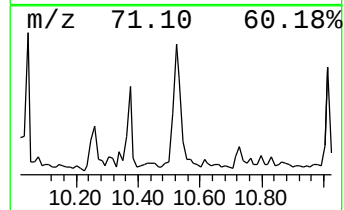
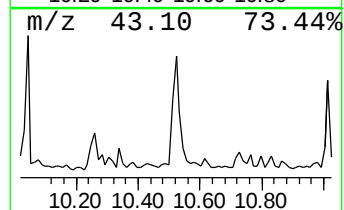
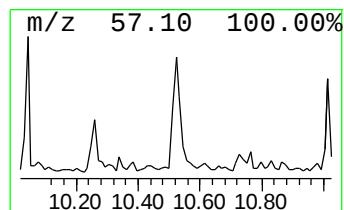
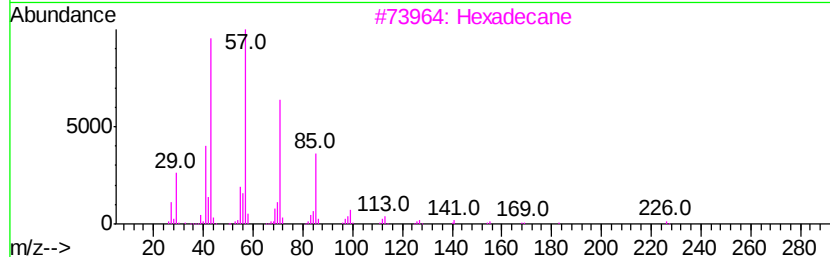
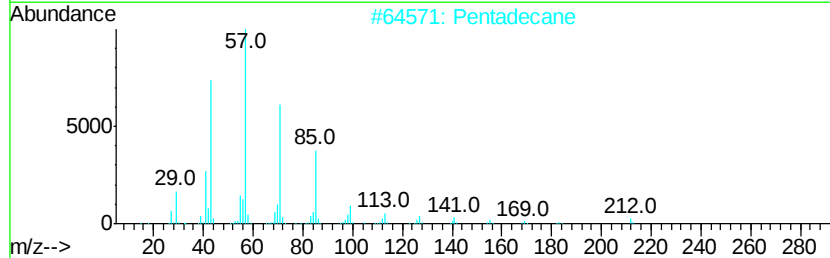
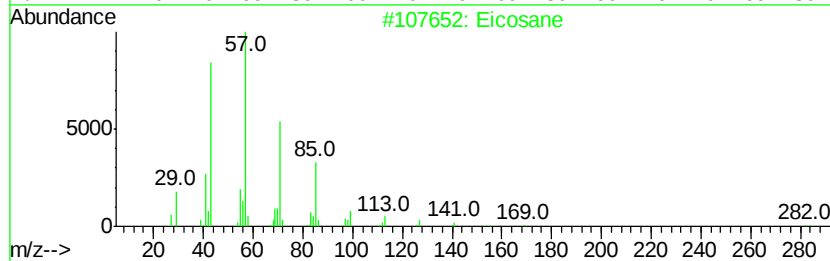
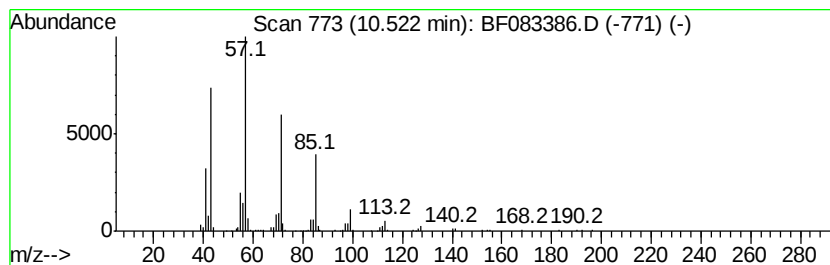
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.52	5.71 ng	409769	Phenanthrene-d10		11.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
Data File : BF083386.D
Acq On : 1 Dec 2015 21:58
Operator : UM/IZ
Sample : G4593-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

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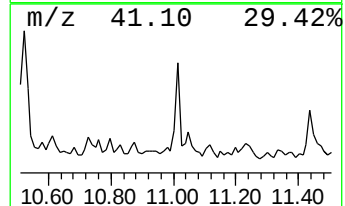
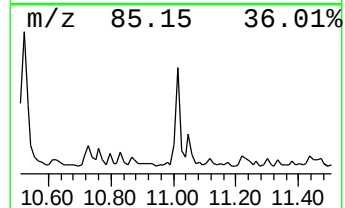
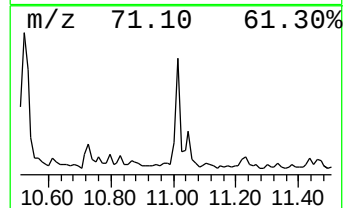
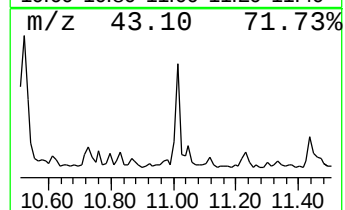
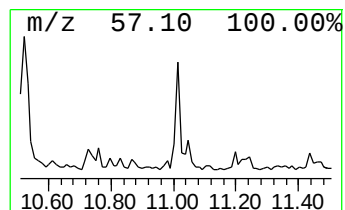
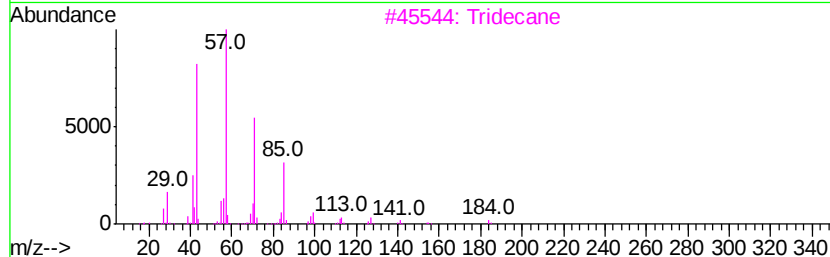
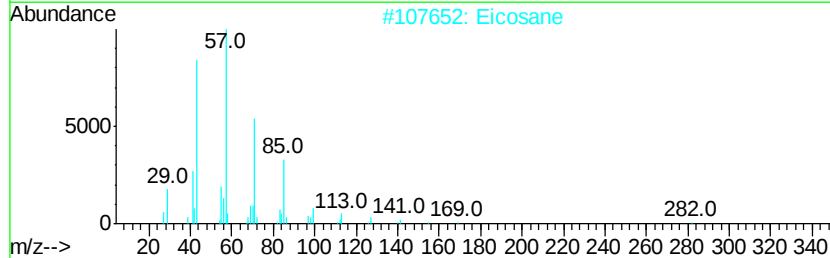
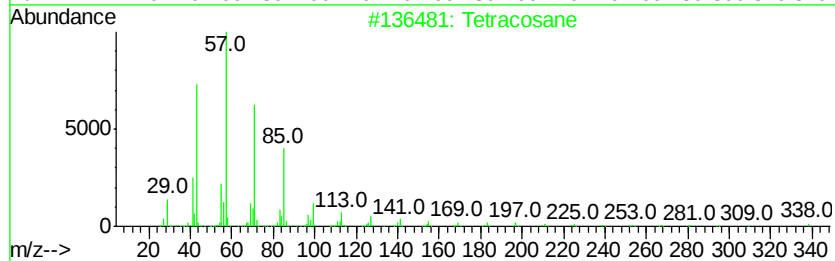
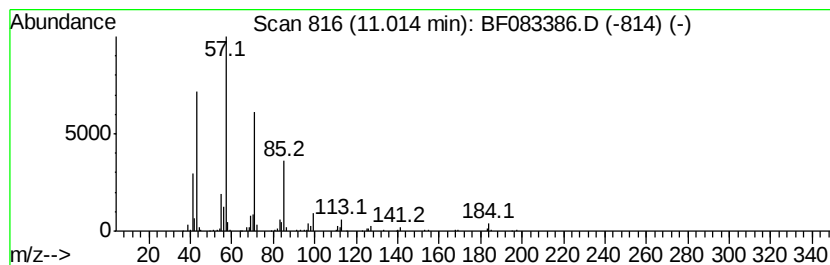
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	2.65 ng	190038	Phenanthrene-d10	11.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Eicosane	282	C20H42	000112-95-8	90
3			Tridecane	184	C13H28	000629-50-5	87
4			Hexadecane	226	C16H34	000544-76-3	86
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
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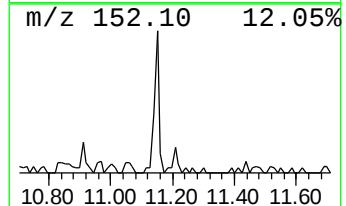
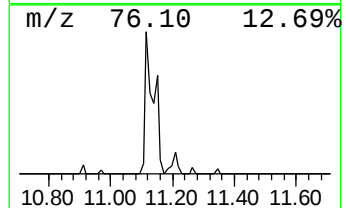
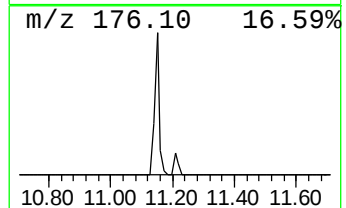
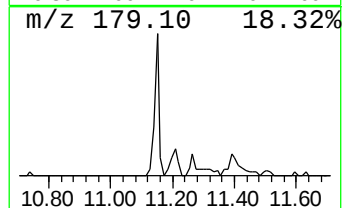
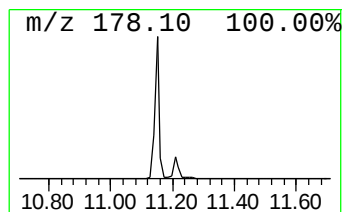
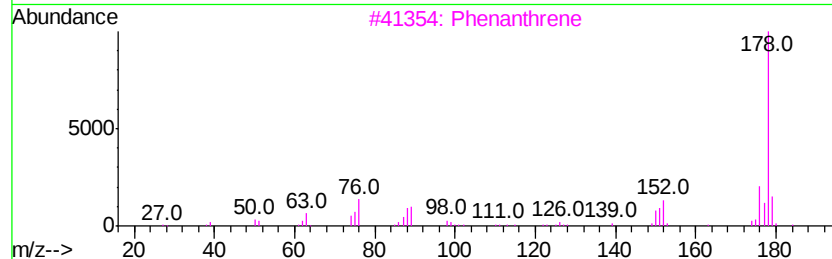
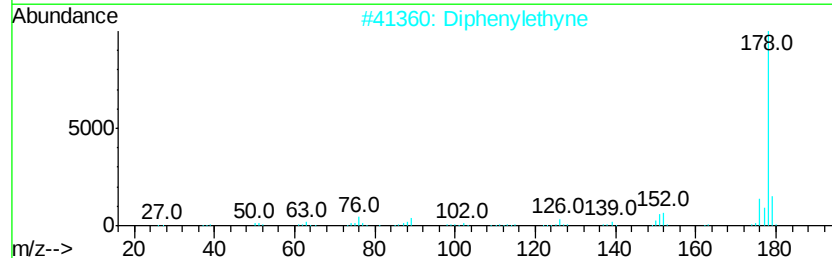
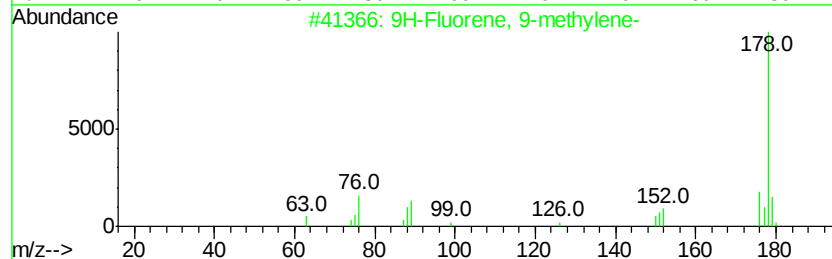
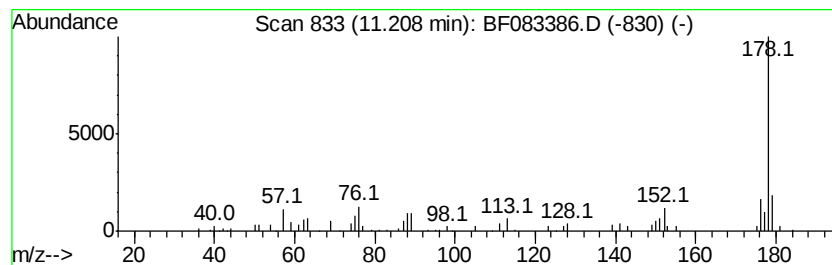
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluorene, 9-methylene- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	2.27 ng	162791	Phenanthrene-d10	11.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	90
2		Diphenylethyne	178	C14H10	000501-65-5	90
3		Phenanthrene	178	C14H10	000085-01-8	90
4		Anthracene	178	C14H10	000120-12-7	90
5		Benz[a]azulene	178	C14H10	000246-02-6	90



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Sample : G4593-06
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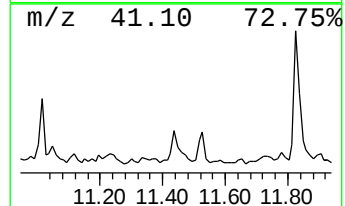
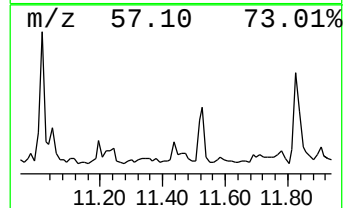
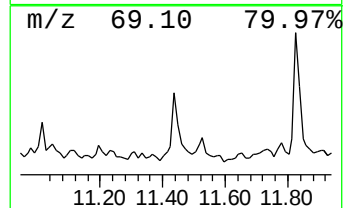
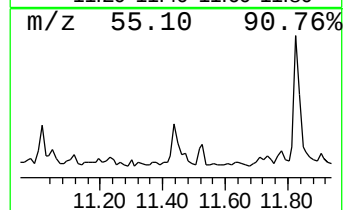
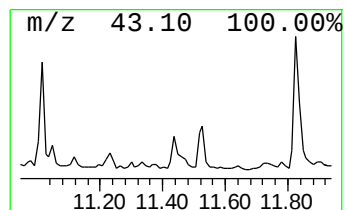
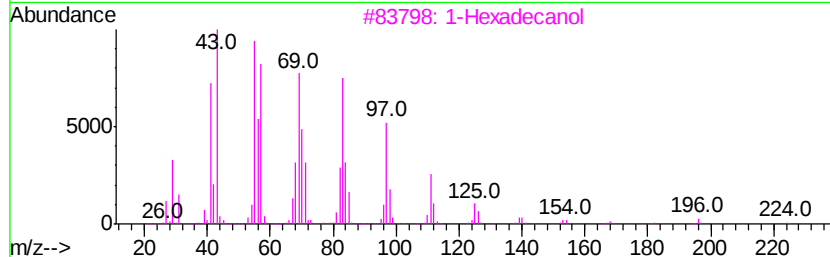
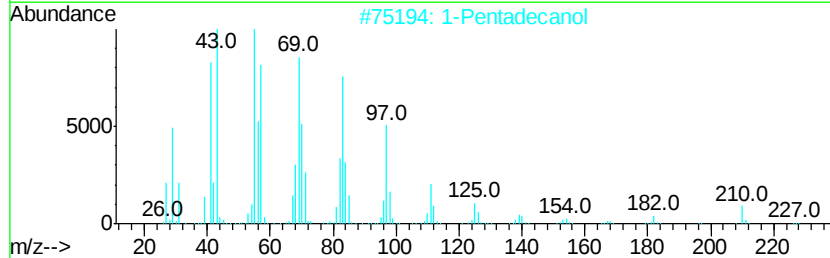
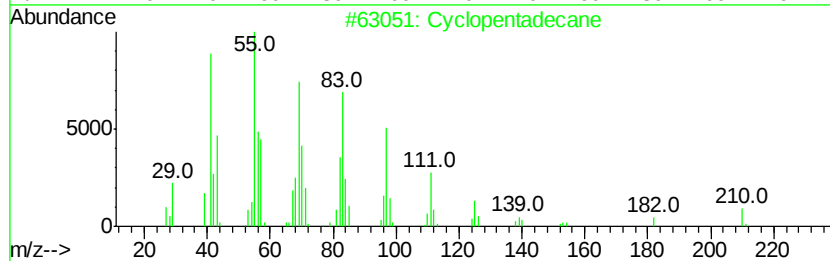
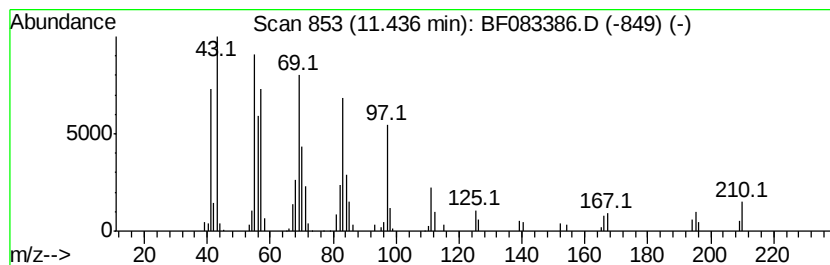
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.44	2.54 ng	182256	Phenanthrene-d10		11.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	91
2			1-Pentadecanol	228	C15H32O	000629-76-5	91
3			1-Hexadecanol	242	C16H34O	036653-82-4	90
4			Cyclotetradecane	196	C14H28	000295-17-0	90
5			5-Octadecene, (E)-	252	C18H36	007206-21-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
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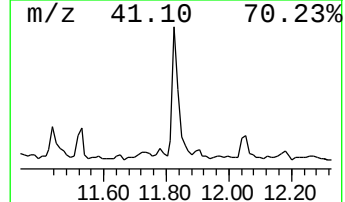
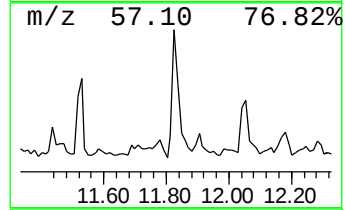
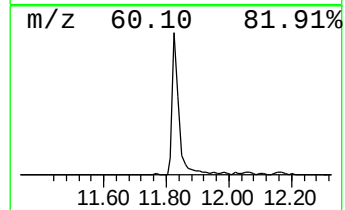
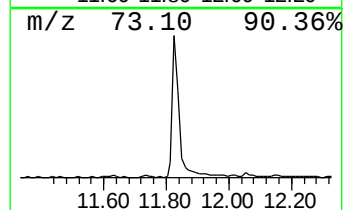
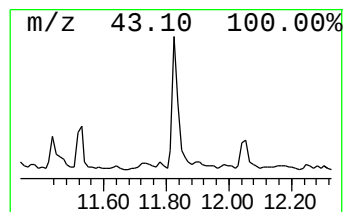
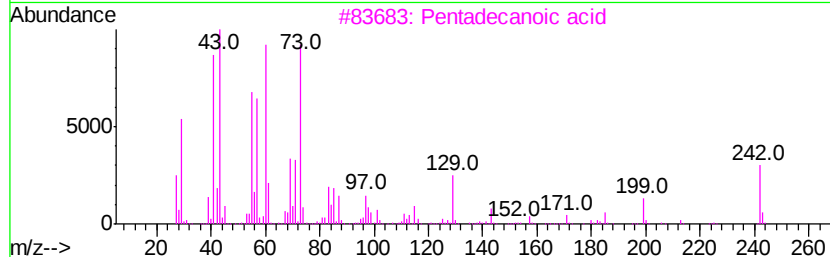
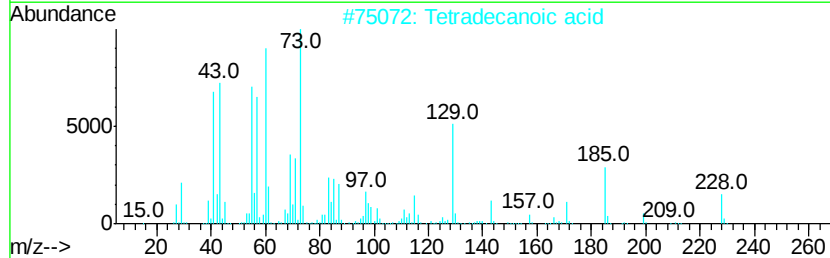
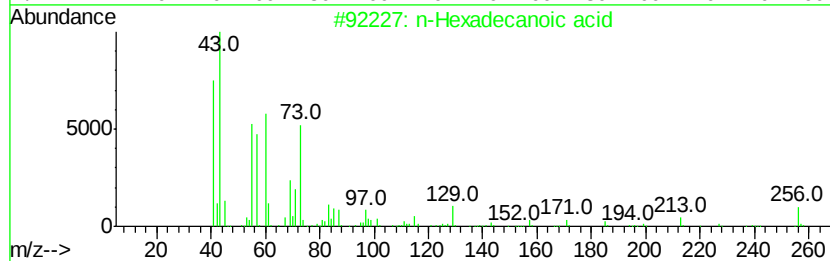
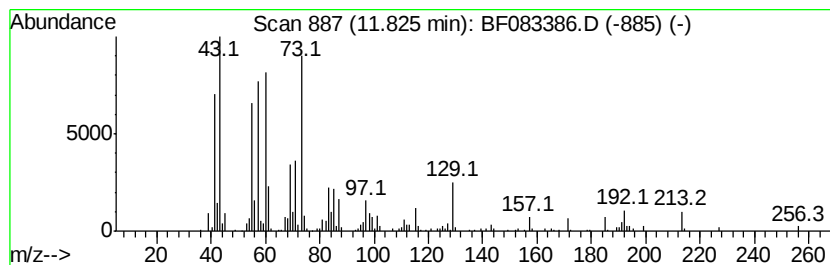
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	7.61 ng	546239	Phenanthrene-d10	11.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Undecanoic acid	186	C11H22O2	000112-37-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
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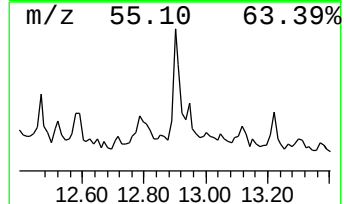
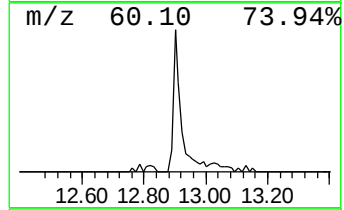
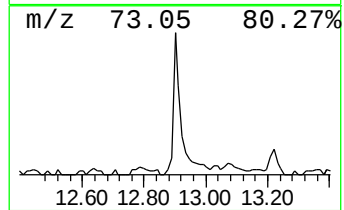
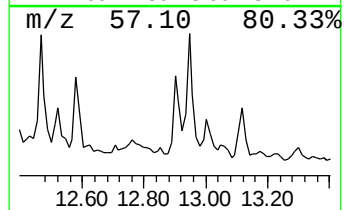
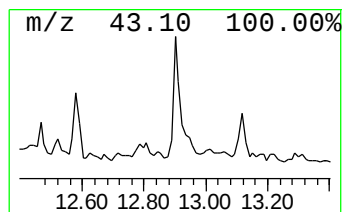
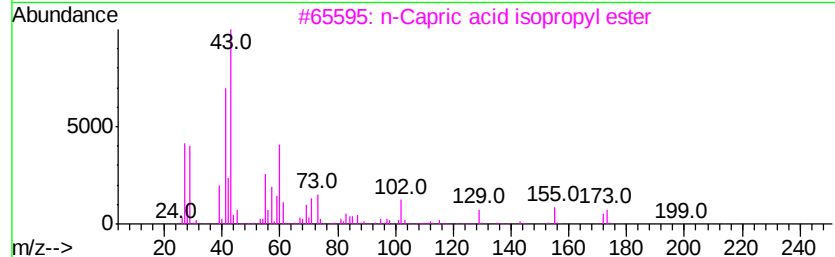
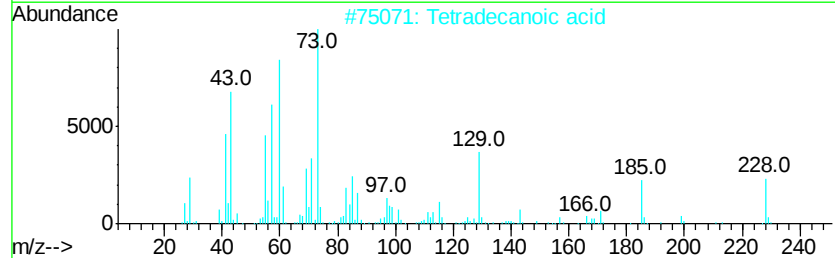
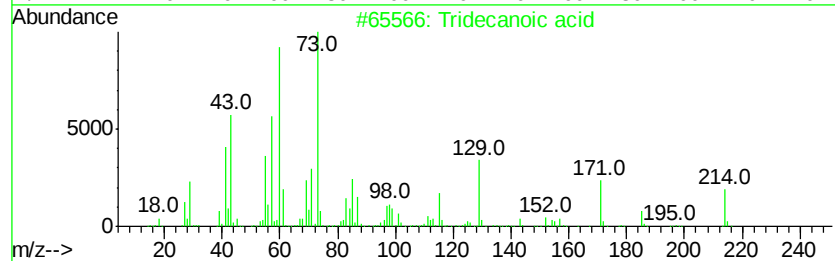
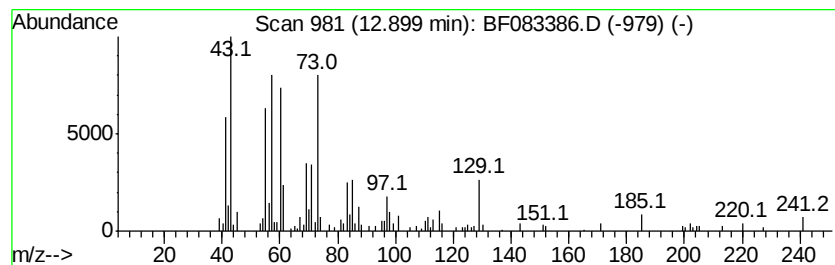
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	3.08 ng	221020	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	64
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3		n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	53
4		n-Decanoic acid	172	C10H20O2	000334-48-5	50
5		Nonanoic acid	158	C9H18O2	000112-05-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
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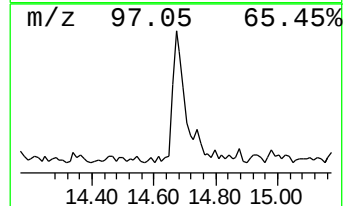
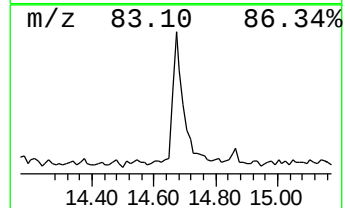
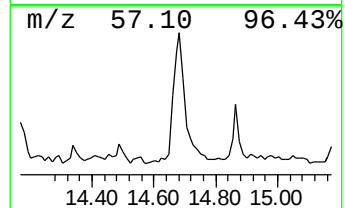
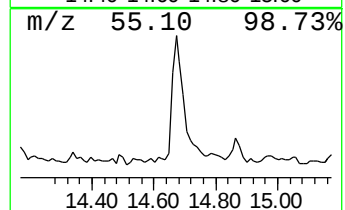
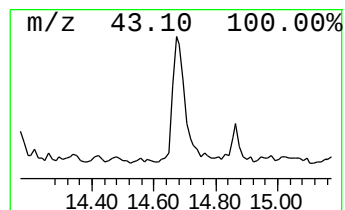
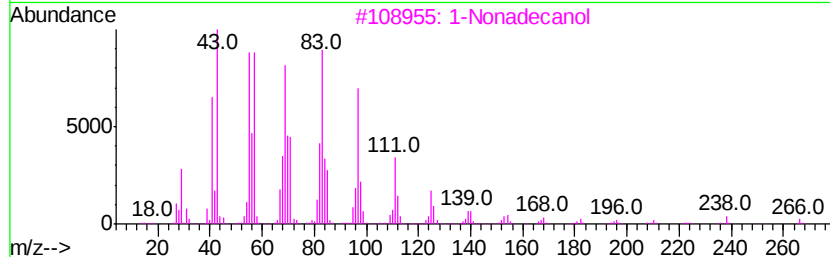
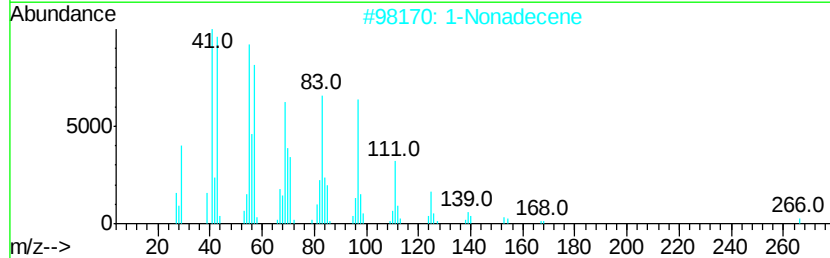
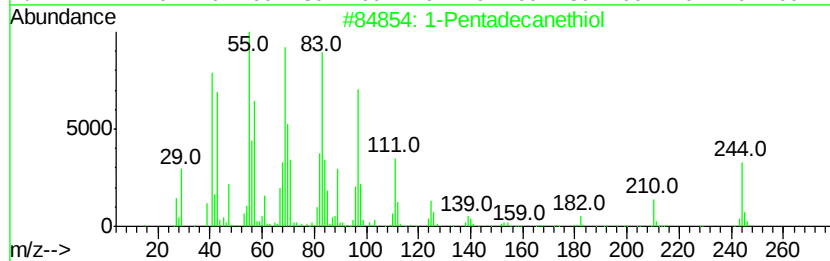
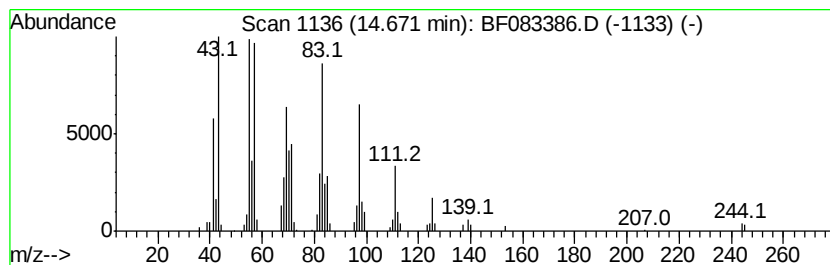
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1-Pentadecanethiol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.67	3.76 ng	253157	Chrysene-d12		14.75		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentadecanethiol	244	C15H32S	025276-70-4	94
2			1-Nonadecene	266	C19H38	018435-45-5	91
3			1-Nonadecanol	284	C19H40O	001454-84-8	91
4			Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	91
5			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91



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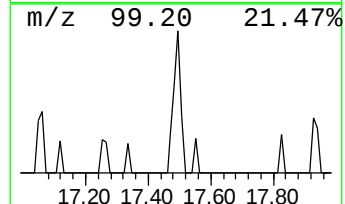
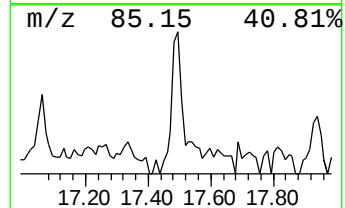
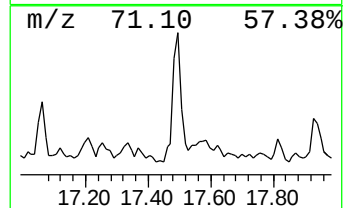
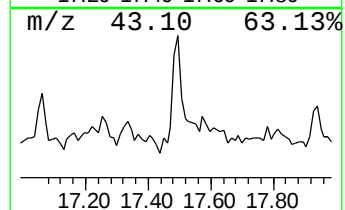
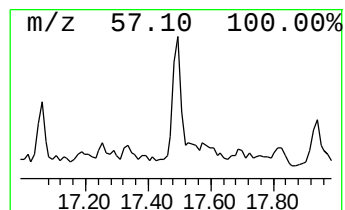
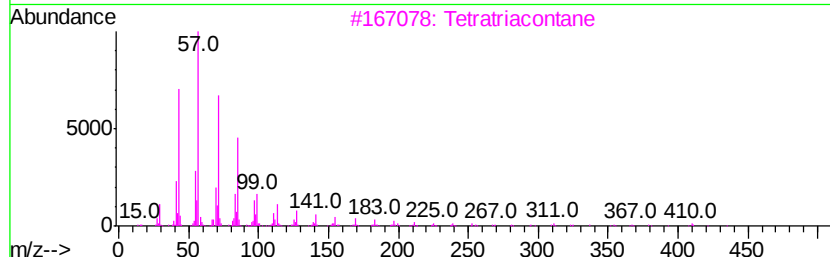
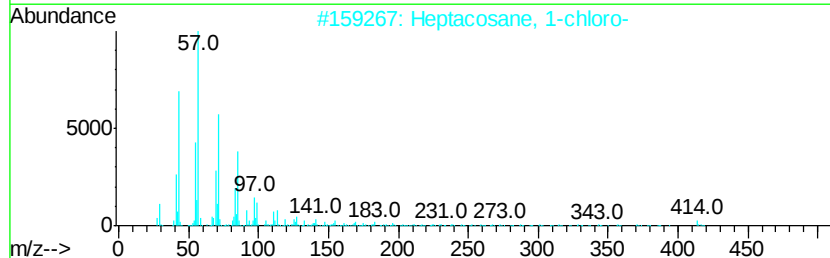
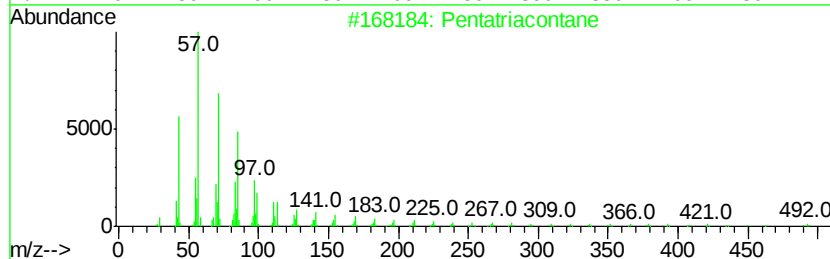
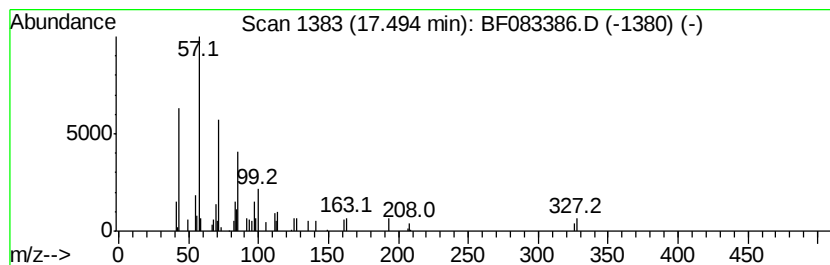
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentatriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	2.22 ng	97637	Perylene-d12	16.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentatriacontane	493	C35H72	000630-07-9	72
2			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
3			Tetratriacontane	479	C34H70	014167-59-0	72
4			Hexacosane	366	C26H54	000630-01-3	64
5			Tetratetracontane	619	C44H90	007098-22-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
Data File : BF083386.D
Acq On : 1 Dec 2015 21:58
Operator : UM/IZ
Sample : G4593-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.66	34.1	ng	1716750	1	6.54	1005990	20.0
unknown6.33	6.33	110.7	ng	5568950	1	6.54	1005990	20.0
Hexanoic acid, 2-...	7.28	4.8	ng	332473	2	7.84	1392130	20.0
Hexadecane	10.04	3.5	ng	245243	3	9.58	1407300	20.0
Eicosane	10.52	5.7	ng	409769	4	11.13	1435480	20.0
Tetracosane	11.01	2.6	ng	190038	4	11.13	1435480	20.0
9H-Fluorene, 9-me...	11.21	2.3	ng	162791	4	11.13	1435480	20.0
Cyclopentadecane	11.44	2.5	ng	182256	4	11.13	1435480	20.0
n-Hexadecanoic acid	11.83	7.6	ng	546239	4	11.13	1435480	20.0
Tridecanoic acid	12.90	3.1	ng	221020	4	11.13	1435480	20.0
1-Pentadecanethiol	14.67	3.8	ng	253157	5	14.75	1345380	20.0
Pentatriacontane	17.49	2.2	ng	97637	6	16.81	878544	20.0