

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086493.D
 Acq On : 29 Apr 2016 15:42
 Operator : UM/SJ
 Sample : H2739-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01

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-BF042716.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	4.956	249	251	259	rBV	69785	123991	2.93%	0.327%
2	5.367	284	287	290	rBV	2862744	3550235	83.82%	9.376%
3	5.790	320	324	334	rVB5	10929	46930	1.11%	0.124%
4	6.419	375	379	381	rBV	3168549	4235633	100.00%	11.187%
5	6.544	387	390	392	rBV	3796129	3938455	92.98%	10.402%
6	6.773	408	410	421	rBV	1039531	1024621	24.19%	2.706%
7	6.933	421	424	426	rBV	3028625	2942800	69.48%	7.772%
8	7.345	457	460	462	rBV	2198134	2608036	61.57%	6.888%
9	7.447	466	469	476	rVB	55631	139470	3.29%	0.368%
10	8.065	520	523	525	rBV	1116162	1274806	30.10%	3.367%
11	8.179	532	533	542	rVB2	24566	50610	1.19%	0.134%
12	9.139	614	617	620	rBV	3660931	3858179	91.09%	10.190%
13	9.539	649	652	654	rBV	530810	561415	13.25%	1.483%
14	9.756	669	671	673	rBV	87924	76670	1.81%	0.202%
15	9.813	673	676	679	rBV	1654967	1528349	36.08%	4.036%
16	10.259	710	715	716	rBV2	98533	166537	3.93%	0.440%
17	10.476	730	734	737	rBV	54115	98251	2.32%	0.259%
18	10.602	742	745	752	rVV	2553679	2759696	65.15%	7.289%
19	10.728	754	756	762	rVB	179297	244416	5.77%	0.646%
20	10.922	771	773	775	rBV	24820	42480	1.00%	0.112%
21	11.174	793	795	796	rBV	128090	109441	2.58%	0.289%
22	11.196	796	797	801	rVB	31069	42618	1.01%	0.113%
23	11.299	803	806	808	rBV	947502	1305947	30.83%	3.449%
24	11.528	824	826	830	rBV	42742	64783	1.53%	0.171%
25	11.596	830	832	839	rVB	64335	72451	1.71%	0.191%
26	12.877	941	944	947	rBV	2704406	3309698	78.14%	8.741%
27	13.117	961	965	967	rBV	56471	70517	1.66%	0.186%
28	13.459	992	995	997	rBV	81654	77379	1.83%	0.204%
29	13.780	1020	1023	1033	rBV	639014	882918	20.85%	2.332%
30	13.917	1033	1035	1038	rBV	642962	998645	23.58%	2.637%
31	14.100	1049	1051	1057	rVB	131776	143587	3.39%	0.379%
32	14.408	1075	1078	1084	rBV	145948	166313	3.93%	0.439%
33	14.705	1099	1104	1106	rBV2	77460	154077	3.64%	0.407%
34	15.014	1128	1131	1136	rBV	60827	74918	1.77%	0.198%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	15.323	1155	1158	1160	rBV	595128	806742	19.05%	2.131%
36	15.357	1160	1161	1166	rVB	45636	86522	2.04%	0.229%
37	15.768	1194	1197	1199	rBV	26053	47414	1.12%	0.125%
38	15.814	1199	1201	1205	rVV2	25553	53004	1.25%	0.140%
39	16.225	1234	1237	1247	rVB2	25989	66415	1.57%	0.175%
40	18.146	1400	1405	1410	rBV4	16106	58392	1.38%	0.154%

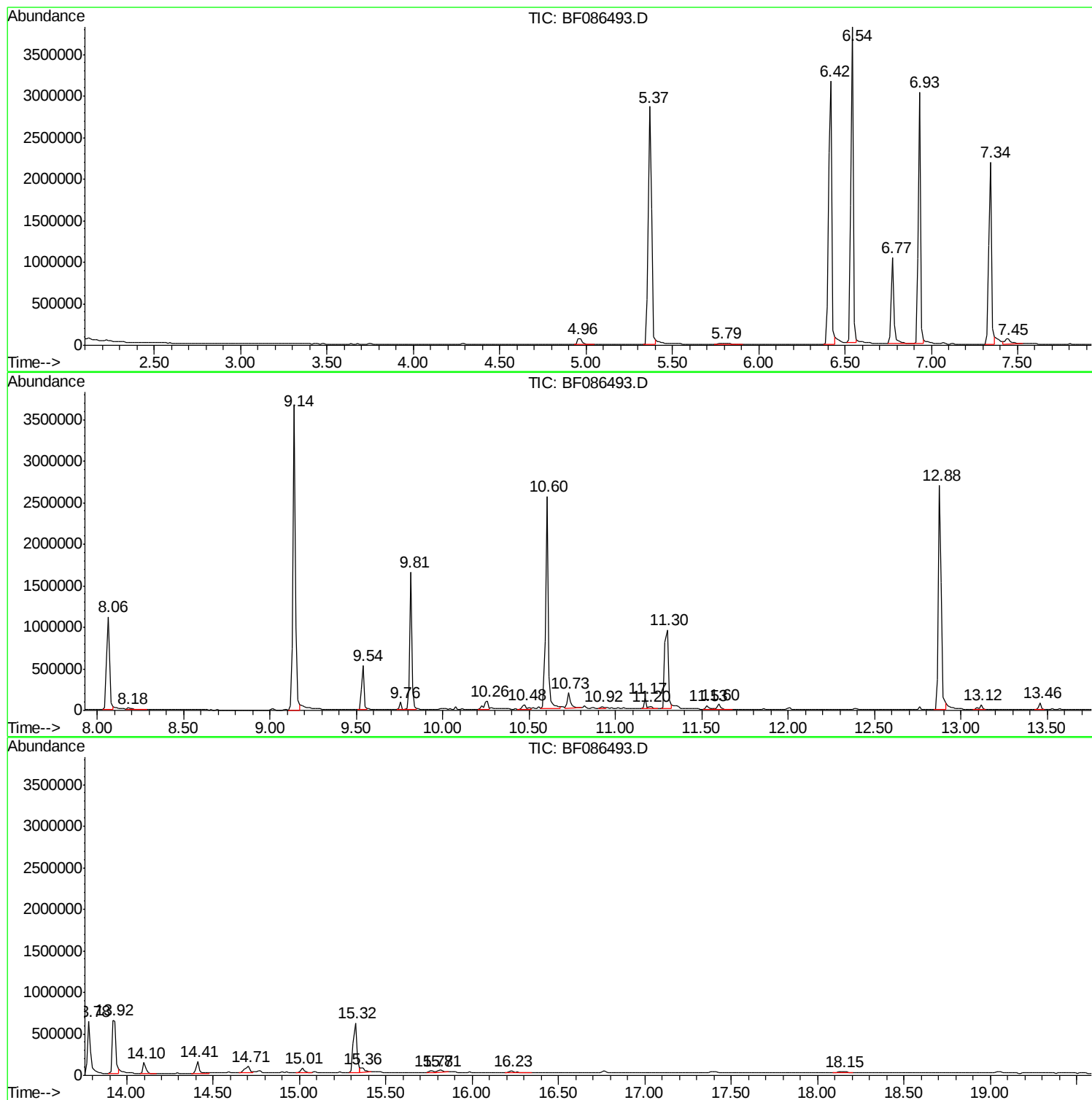
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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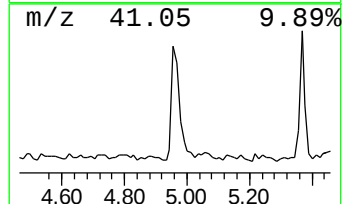
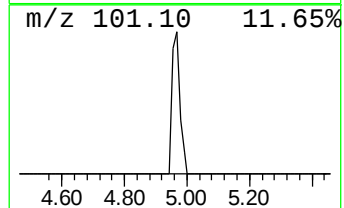
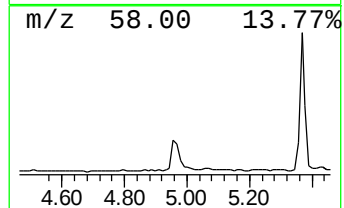
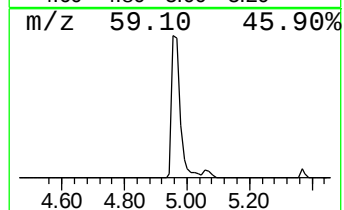
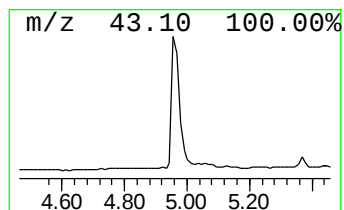
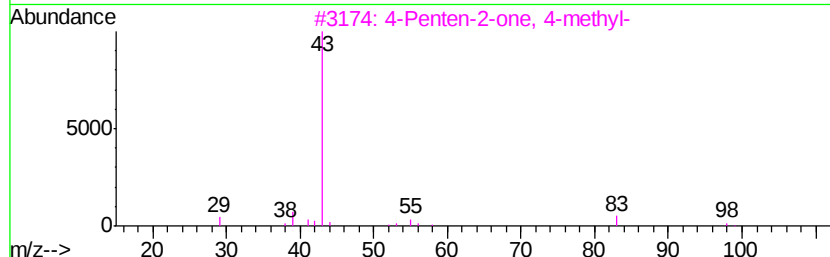
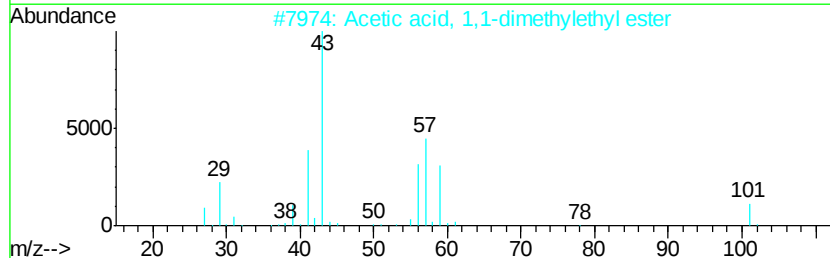
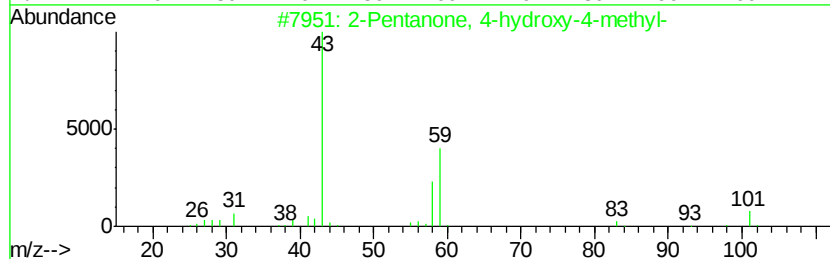
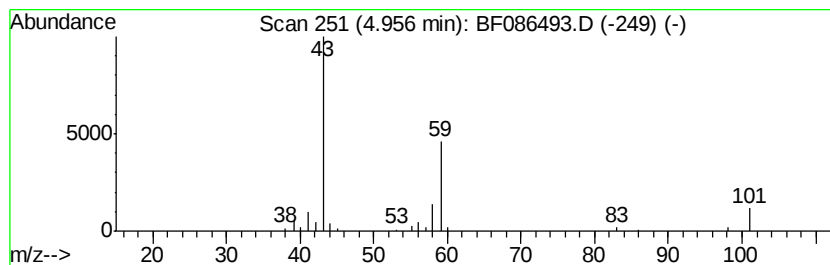
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	2.42 ng	123991	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
4			Diacetamide	101	C4H7NO2	000625-77-4	9
5			Propylamine	59	C3H9N	000107-10-8	9



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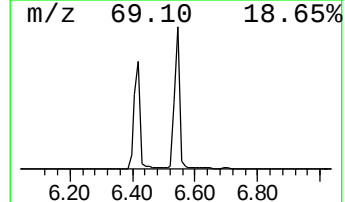
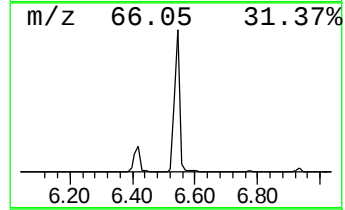
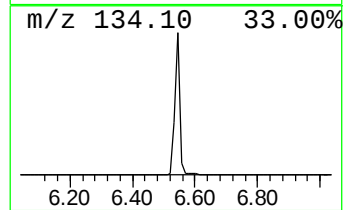
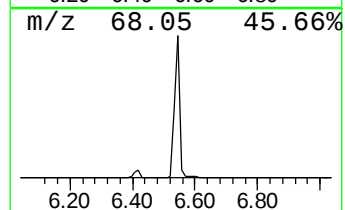
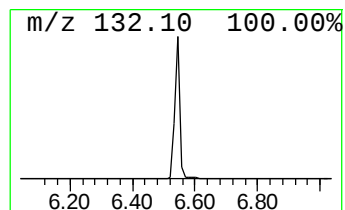
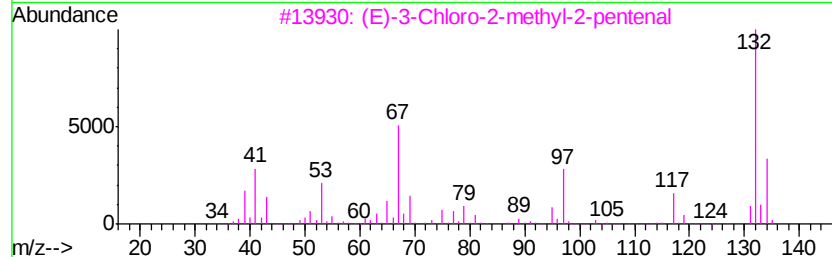
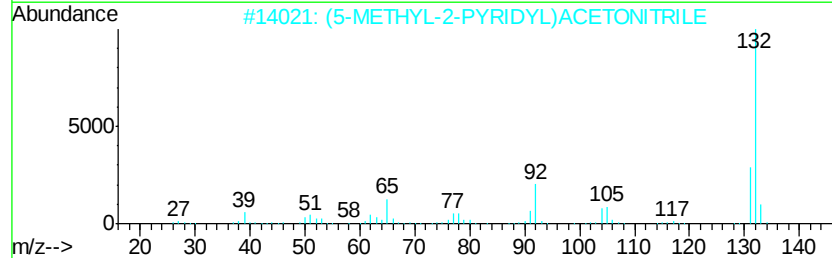
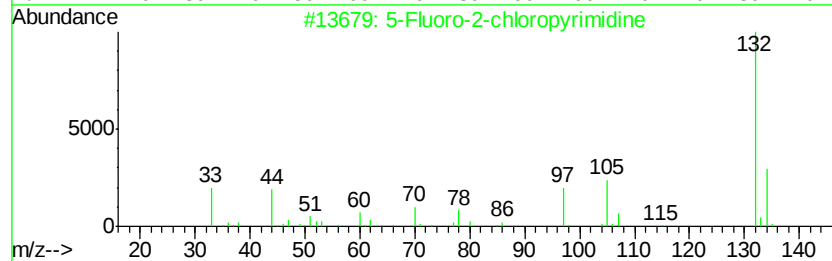
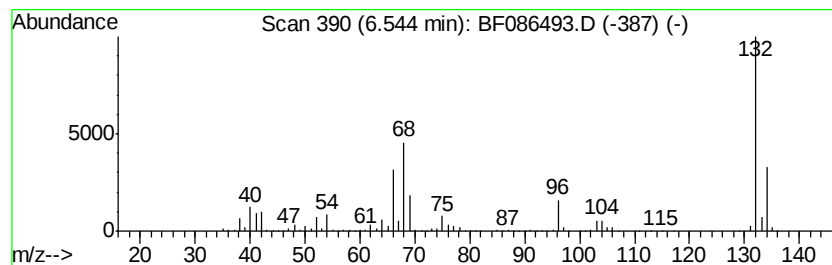
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Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	76.88 ng	3938460	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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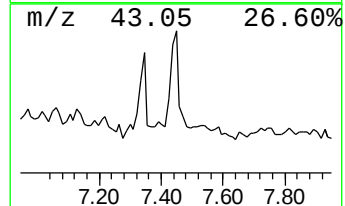
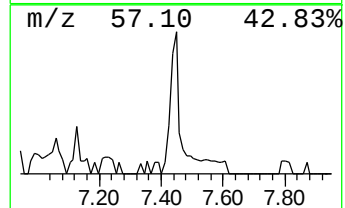
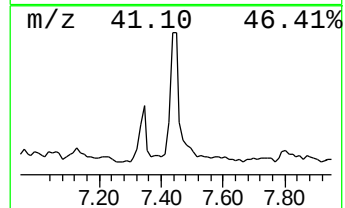
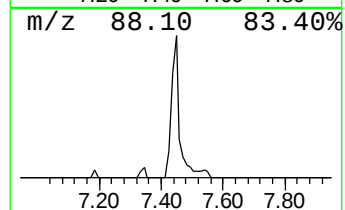
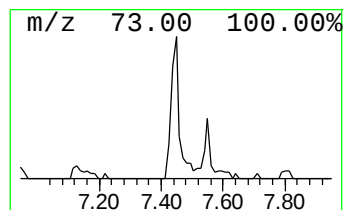
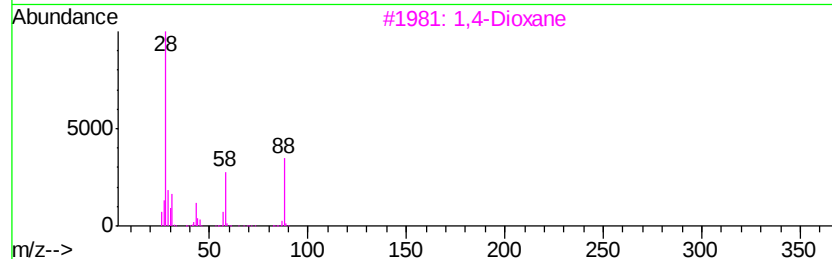
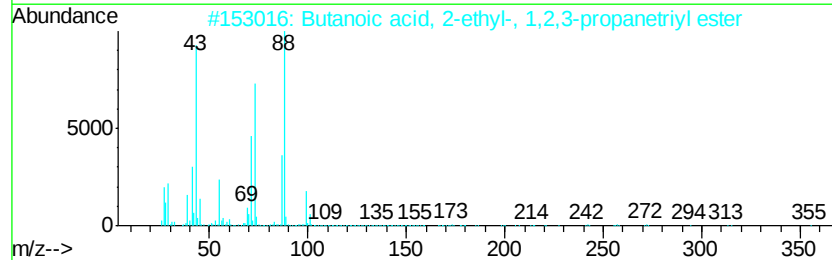
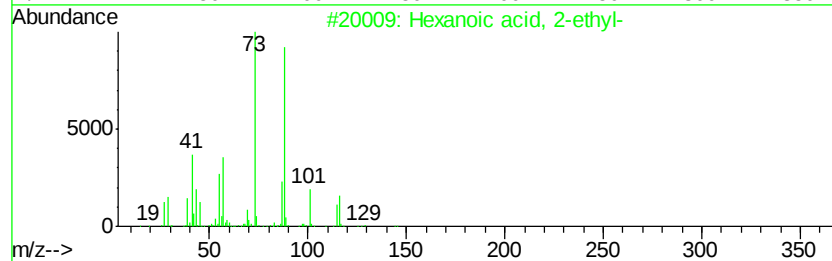
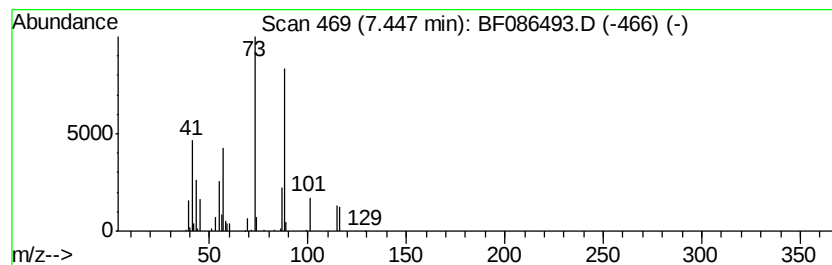
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	2.19 ng	139470	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
3		1,4-Dioxane	88	C4H8O2	000123-91-1	47
4		Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	38
5		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	33



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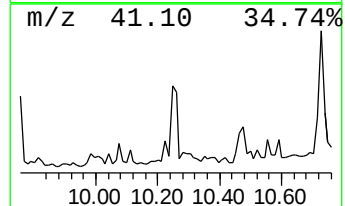
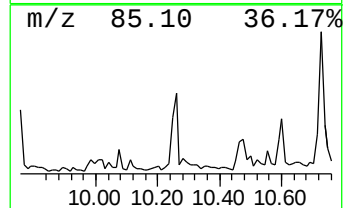
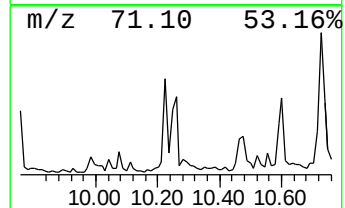
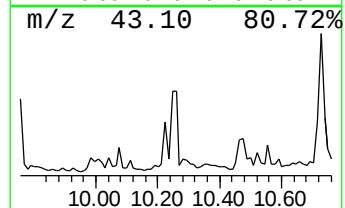
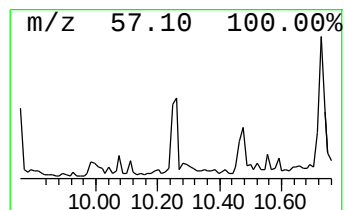
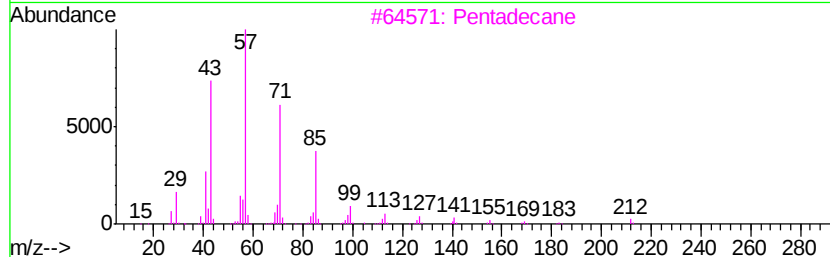
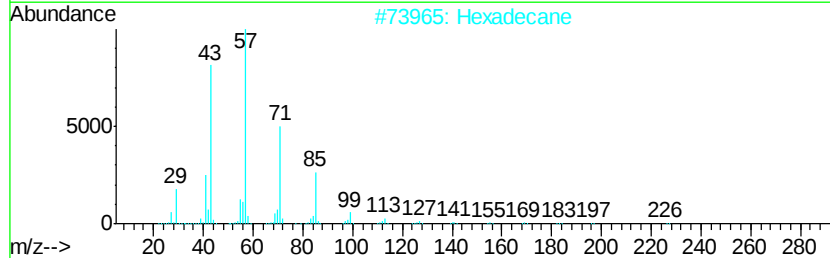
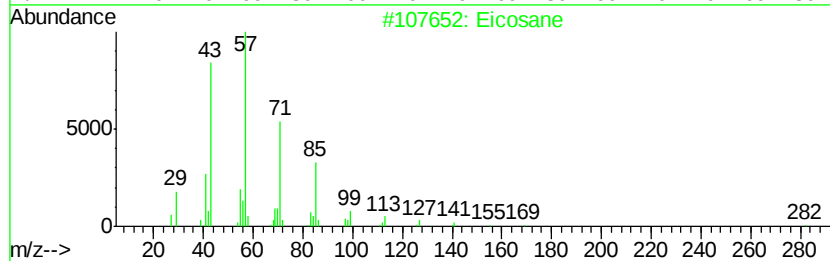
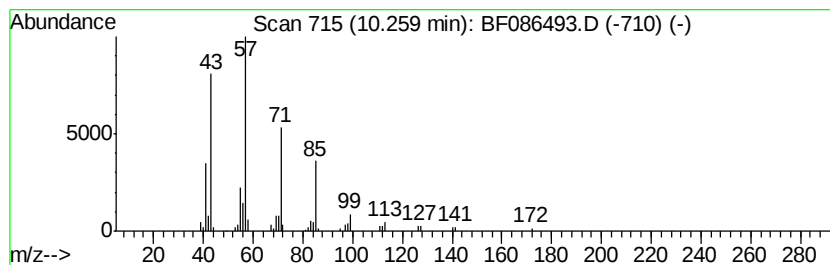
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Peak Number 5 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.26	2.18 ng	166537	Acenaphthene-d10		9.81
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tridecane	184	C13H28	000629-50-5	86



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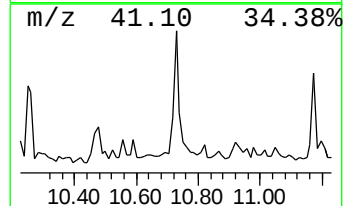
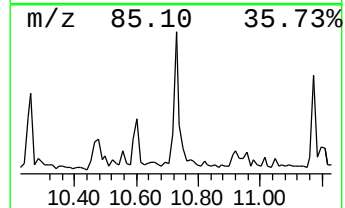
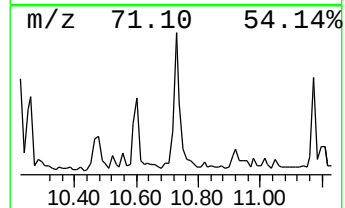
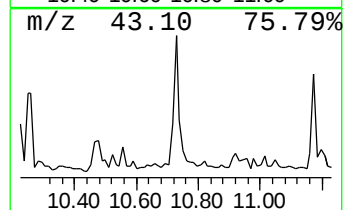
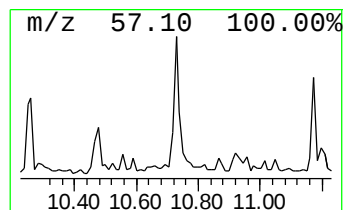
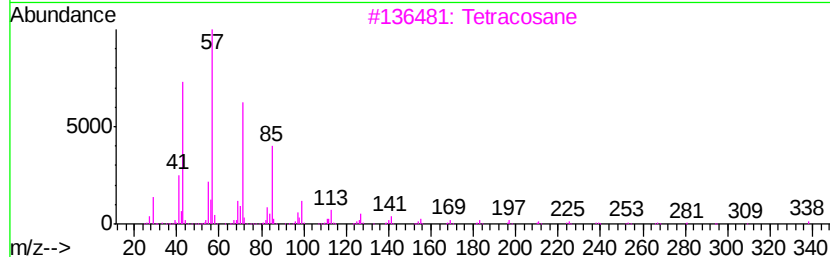
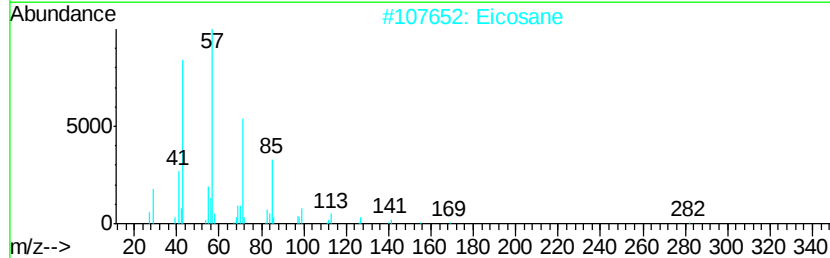
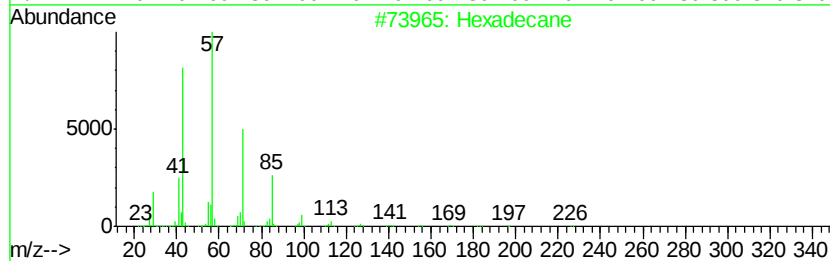
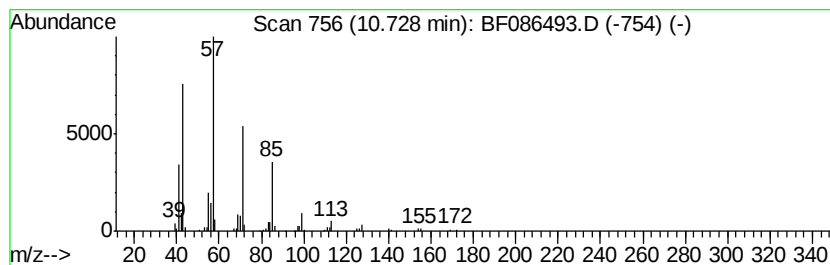
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	3.74 ng	244416	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Tetracosane	338	C24H50	000646-31-1	78
4		Octacosane	394	C28H58	000630-02-4	78
5		Octadecane	254	C18H38	000593-45-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042916\
Data File : BF086493.D
Acq On : 29 Apr 2016 15:42
Operator : UM/SJ
Sample : H2739-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01

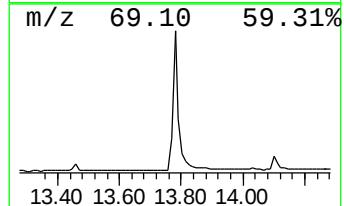
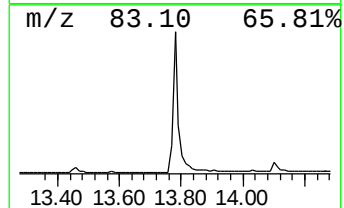
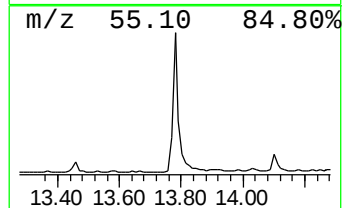
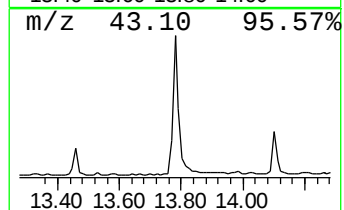
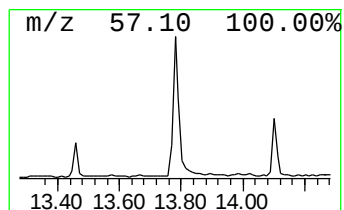
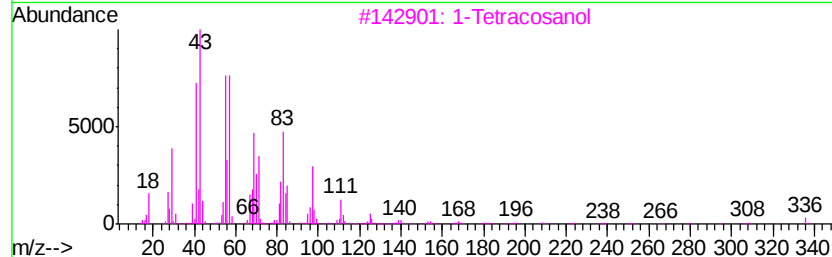
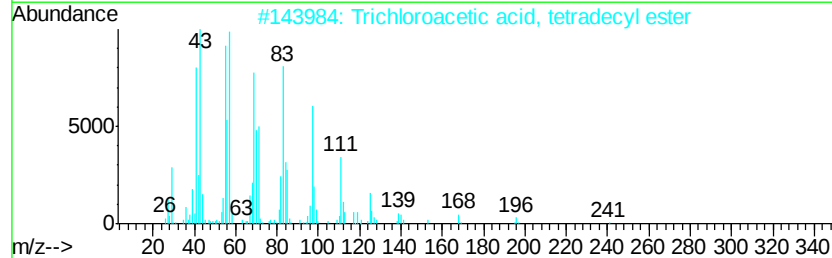
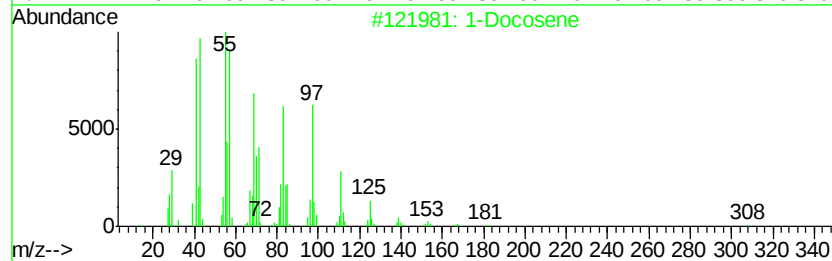
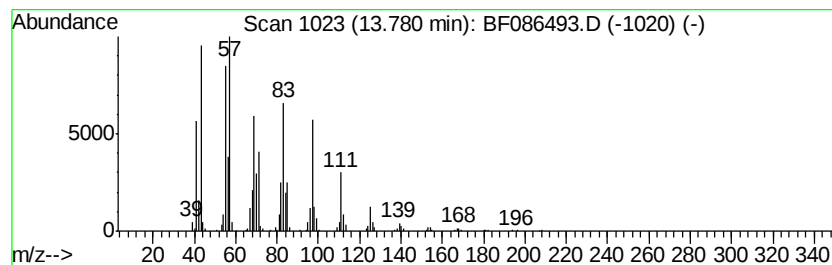
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	17.68 ng	882918	Chrysene-d12	13.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	95
2	Trichloroacetic acid, tetradecyl...		358	C16H29Cl3O2	074339-52-9	90
3	1-Tetracosanol		354	C24H50O	000506-51-4	83
4	1-Nonadecene		266	C19H38	018435-45-5	83
5	Dichloroacetic acid, tetradecyl ...		324	C16H30Cl2O2	083005-02-1	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042916\
Data File : BF086493.D
Acq On : 29 Apr 2016 15:42
Operator : UM/SJ
Sample : H2739-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01

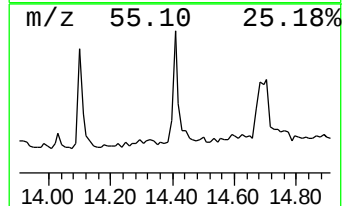
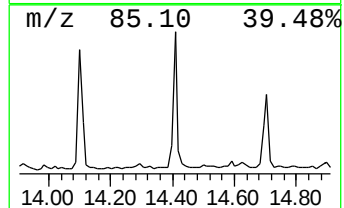
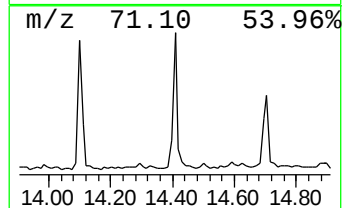
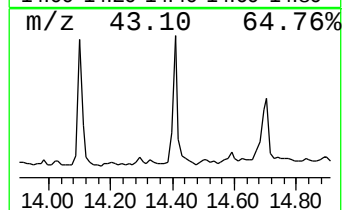
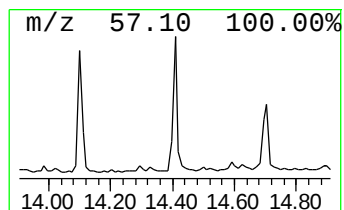
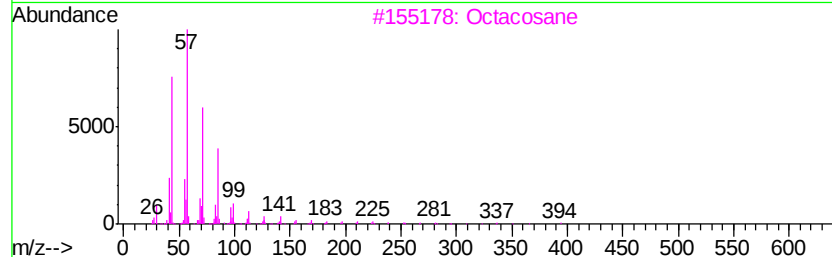
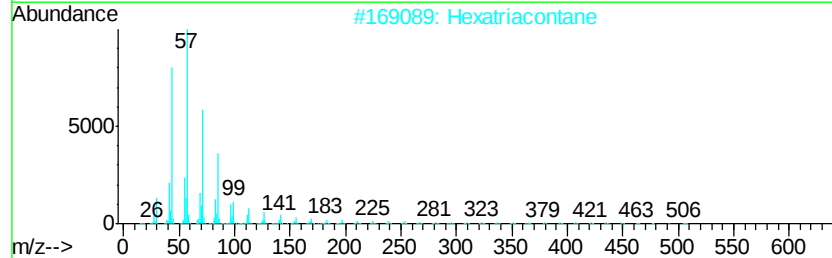
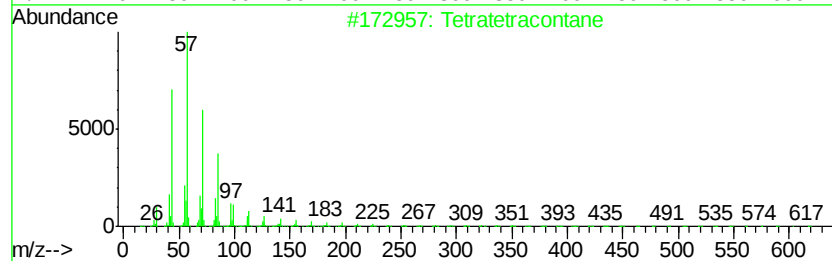
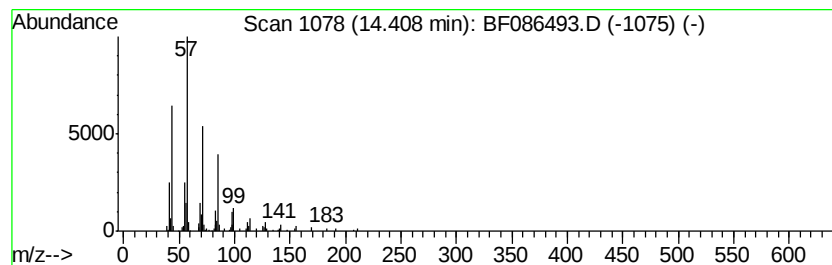
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	3.33 ng	166313	Chrysene-d12	13.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042916\
Data File : BF086493.D
Acq On : 29 Apr 2016 15:42
Operator : UM/SJ
Sample : H2739-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01

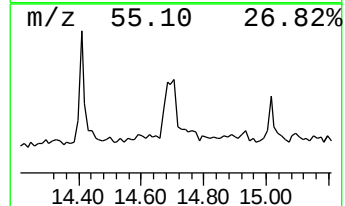
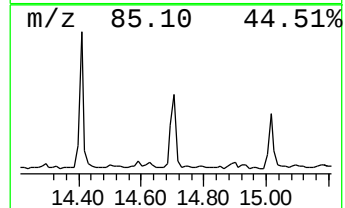
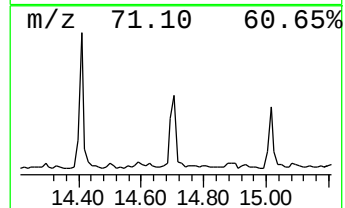
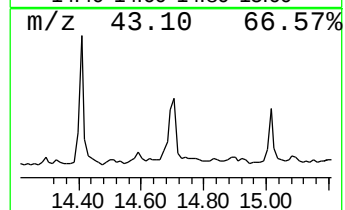
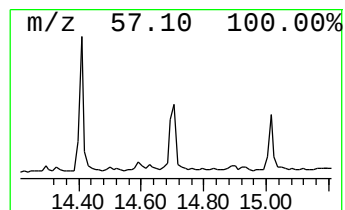
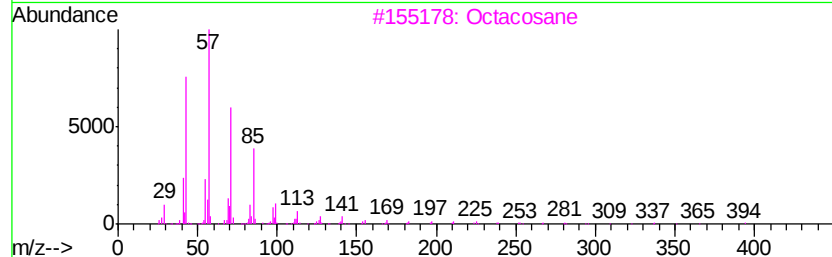
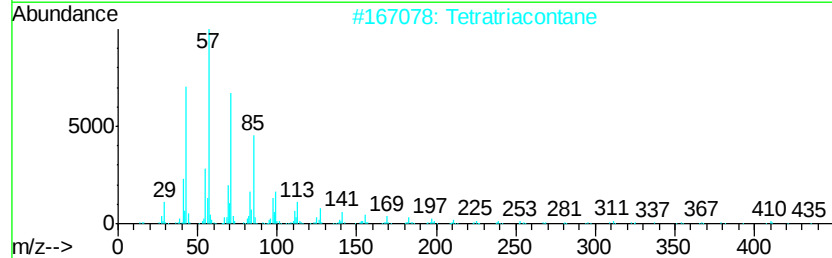
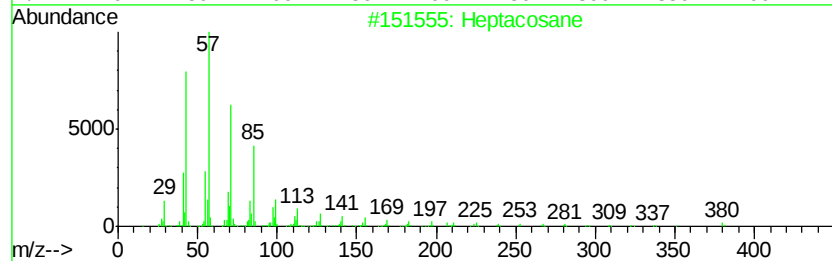
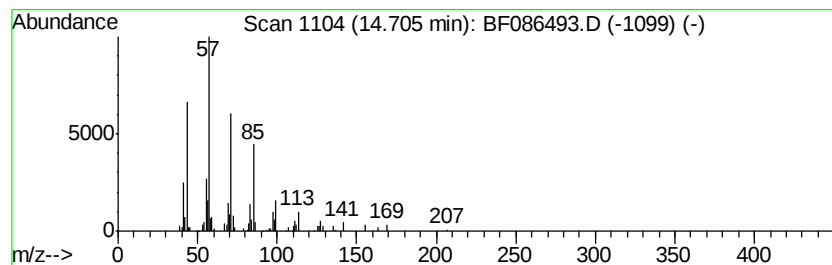
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	3.82 ng	154077	Perylene-d12	15.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Tetratriacontane	479	C34H70	014167-59-0	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042916\
Data File : BF086493.D
Acq On : 29 Apr 2016 15:42
Operator : UM/SJ
Sample : H2739-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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...	4.96	2.4	ng	123991	1	6.77	1024620	20.0
unknown6.54	6.54	76.9	ng	3938460	1	6.77	1024620	20.0
Hexanoic acid, 2-...	7.45	2.2	ng	139470	2	8.06	1274810	20.0
Eicosane	10.26	2.2	ng	166537	3	9.81	1528350	20.0
Hexadecane	10.73	3.7	ng	244416	4	11.30	1305950	20.0
1-Docosene	13.78	17.7	ng	882918	5	13.93	998645	20.0
Tetratetracontane	14.41	3.3	ng	166313	5	13.93	998645	20.0
Heptacosane	14.71	3.8	ng	154077	6	15.32	806742	20.0