

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
 Data File : BF095354.D
 Acq On : 23 May 2017 16:45
 Operator : SJ/MA
 Sample : I3240-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP2-FD01

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-BF050217.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.119	536	541	561	rBV	267451	779123	19.67%	2.700%
2	5.719	639	643	674	rBV	1428924	2913575	73.54%	10.096%
3	7.301	907	912	927	rBV	1827653	2967891	74.92%	10.284%
4	7.419	927	932	951	rVB	2190076	3508867	88.57%	12.159%
5	7.754	985	989	1006	rVB	461078	570615	14.40%	1.977%
6	7.989	1024	1029	1043	rBV	1886323	2488093	62.80%	8.622%
7	8.654	1138	1142	1170	rBV	1112752	1937712	48.91%	6.715%
8	9.778	1328	1333	1351	rBV	412816	785627	19.83%	2.722%
9	11.542	1628	1633	1654	rBV	2599353	3961629	100.00%	13.728%
10	12.248	1748	1753	1768	rBV	251372	393487	9.93%	1.364%
11	12.607	1809	1814	1829	rBV2	574179	940972	23.75%	3.261%
12	13.901	2029	2034	2054	rBV	1239895	2123233	53.59%	7.358%
13	14.213	2083	2087	2097	rBV	34065	53758	1.36%	0.186%
14	15.012	2218	2223	2253	rVB	474188	845882	21.35%	2.931%
15	15.965	2381	2385	2395	rBV2	64426	127564	3.22%	0.442%
16	17.330	2611	2617	2629	rBV	2342374	2919854	73.70%	10.118%
17	18.095	2743	2747	2750	rBV	34444	41336	1.04%	0.143%
18	18.153	2750	2757	2761	rVB2	43598	55185	1.39%	0.191%
19	18.571	2823	2828	2839	rBV	92923	171348	4.33%	0.594%
20	18.689	2844	2848	2863	rVV	268911	481973	12.17%	1.670%
21	19.795	3033	3036	3041	rBV2	50505	53932	1.36%	0.187%
22	20.365	3128	3133	3141	rBV	246284	416899	10.52%	1.445%
23	20.806	3204	3208	3212	rBV	50009	68237	1.72%	0.236%
24	21.242	3278	3282	3286	rBV	31780	47492	1.20%	0.165%
25	21.741	3362	3367	3376	rVB4	42645	81458	2.06%	0.282%
26	22.318	3461	3465	3476	rVB4	29917	61585	1.55%	0.213%
27	23.000	3575	3581	3591	rBV5	23765	60676	1.53%	0.210%

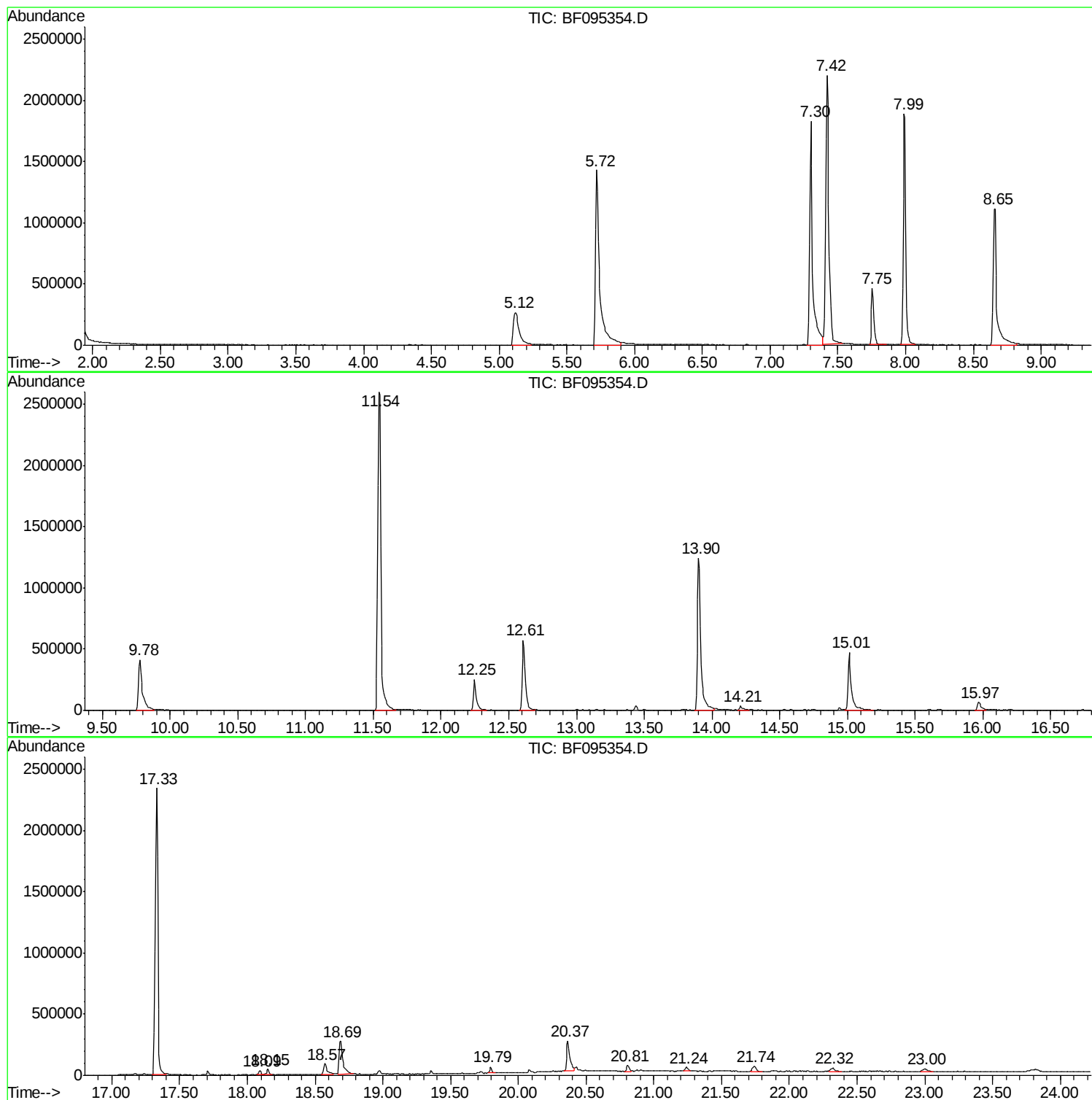
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Instrument :
BNA_F
ClientSampled :
EP2-FD01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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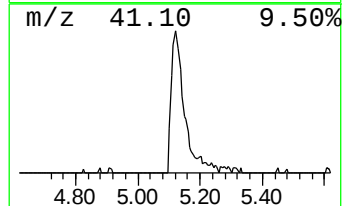
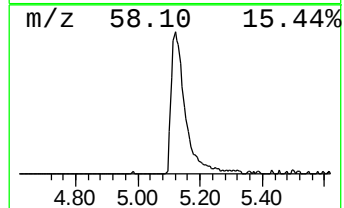
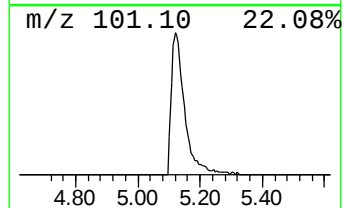
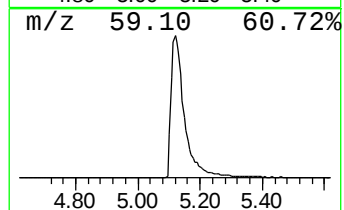
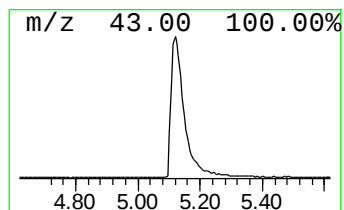
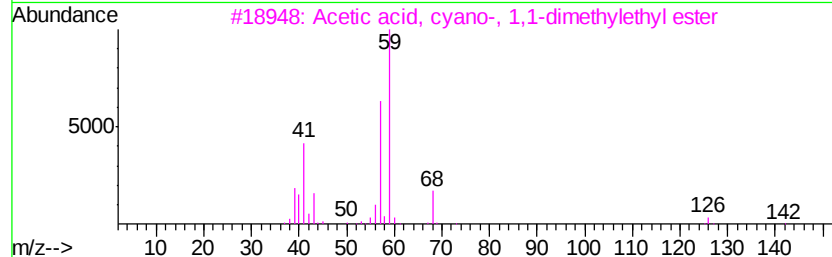
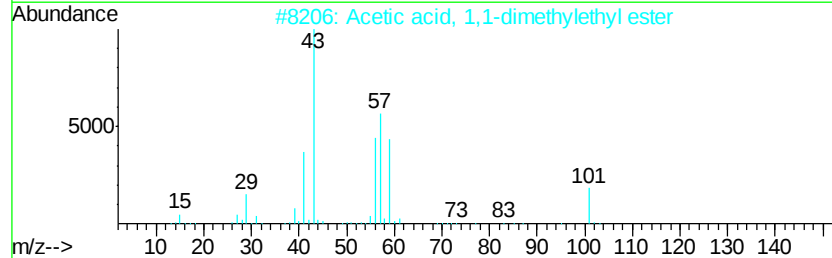
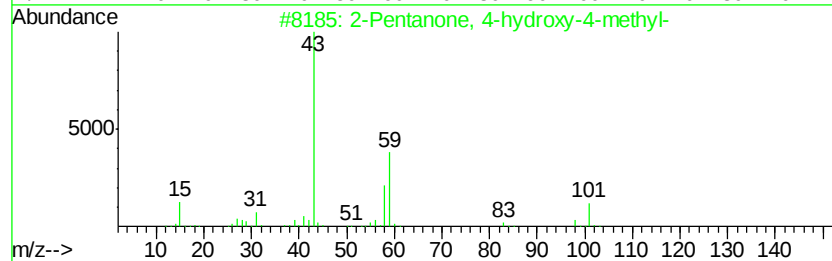
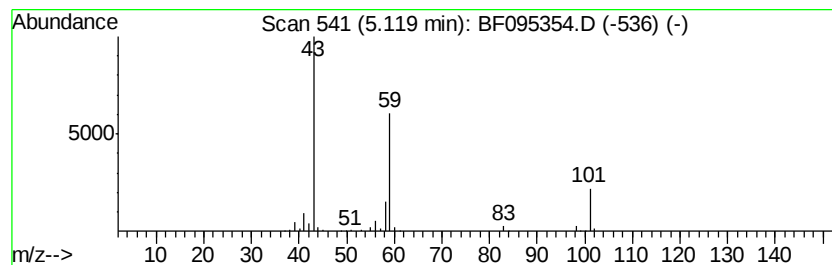
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	27.31 ng	779123	1,4-Dichlorobenzene-d4	7.75

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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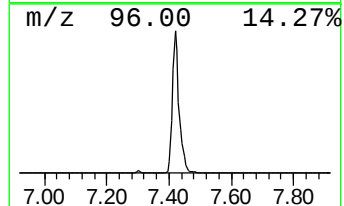
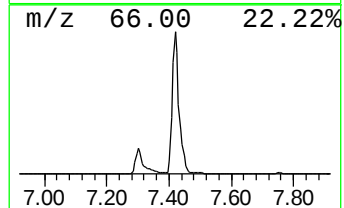
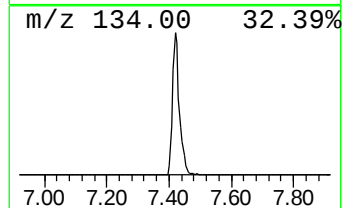
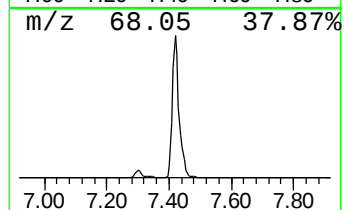
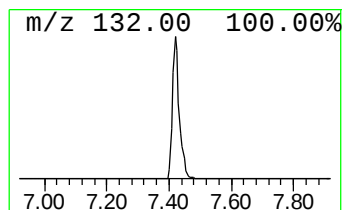
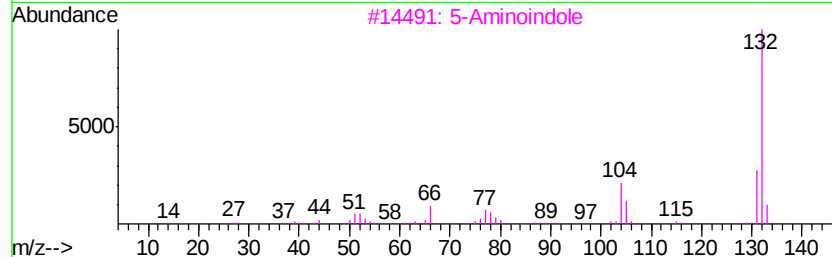
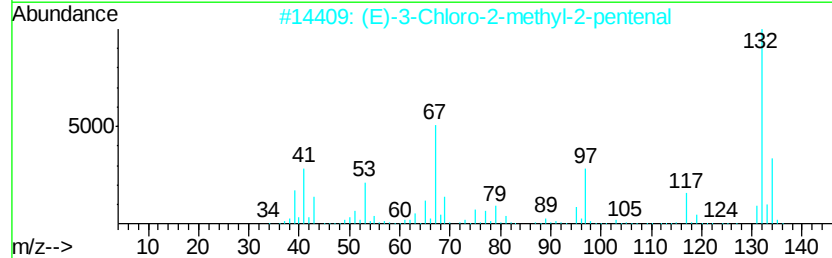
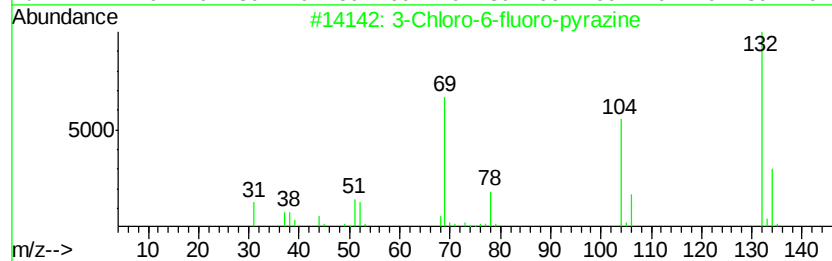
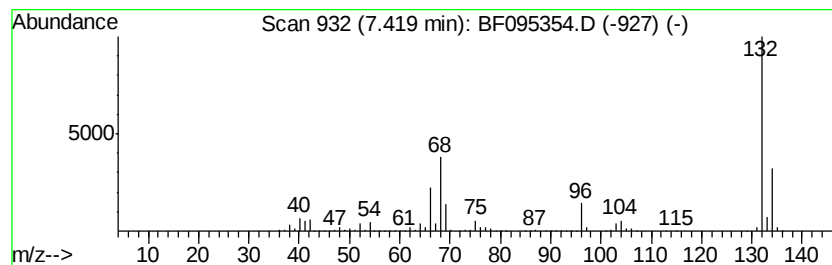
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown7.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	122.99 ng	3508870	1,4-Dichlorobenzene-d4	7.75

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	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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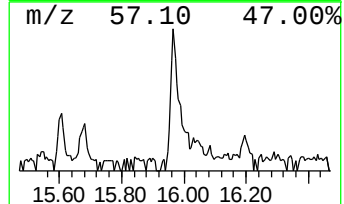
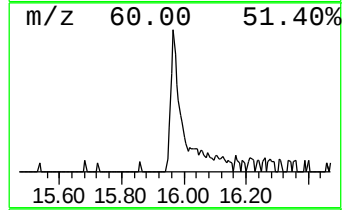
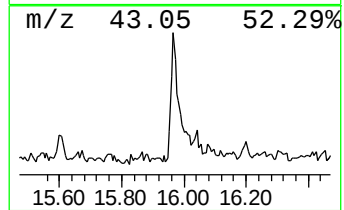
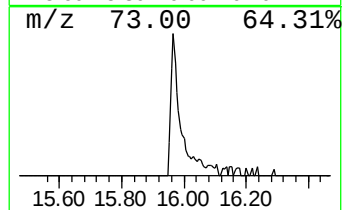
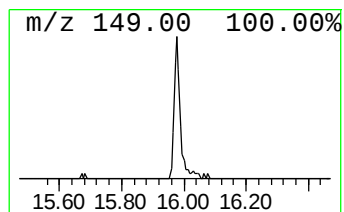
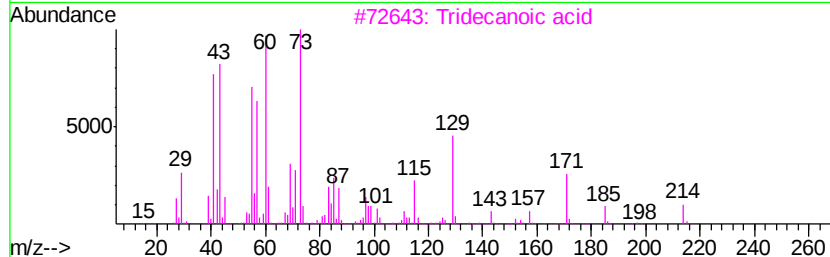
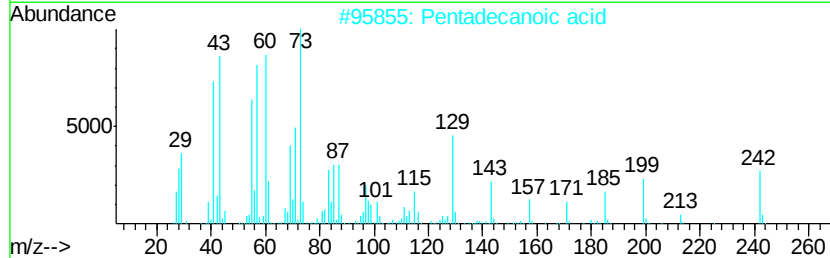
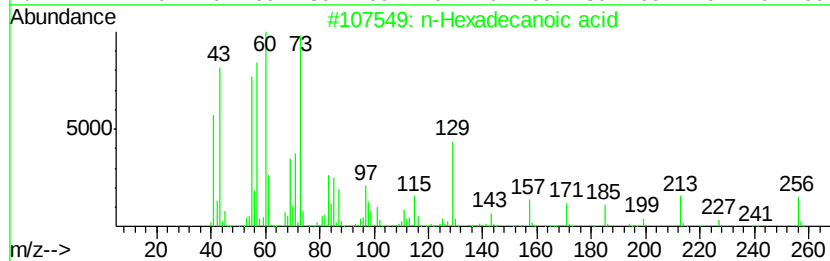
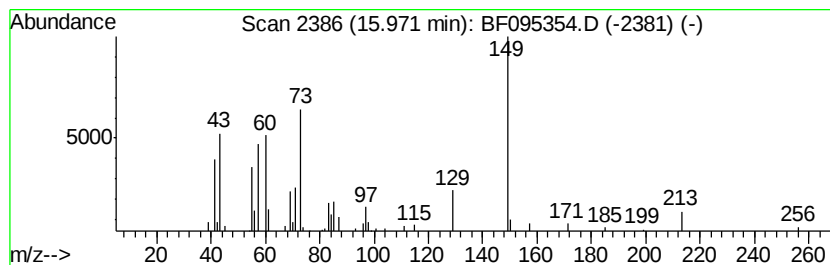
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.02 ng	127564	Phenanthrene-d10	15.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3		Tridecanoic acid	214	C13H26O2	000638-53-9	58
4		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	43
5		Dodecanoic acid	200	C12H24O2	000143-07-7	43



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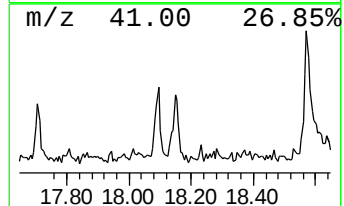
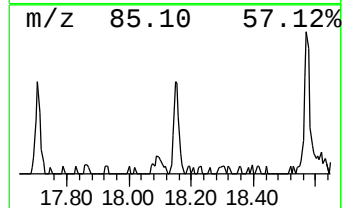
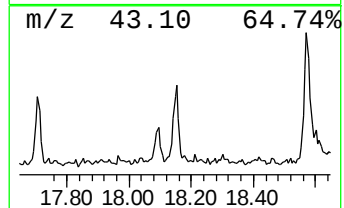
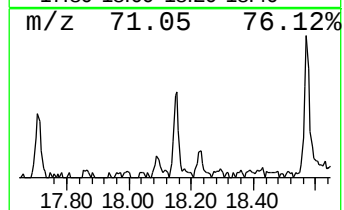
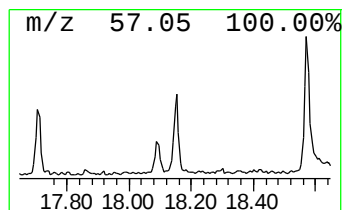
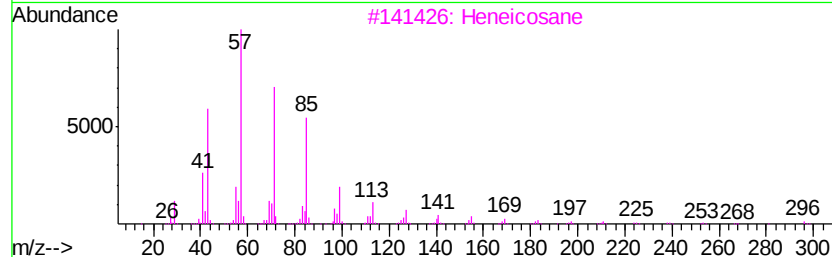
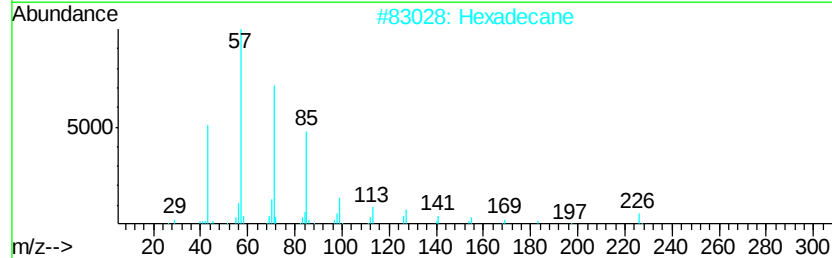
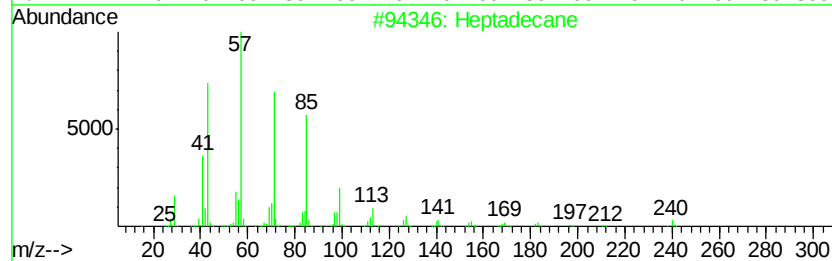
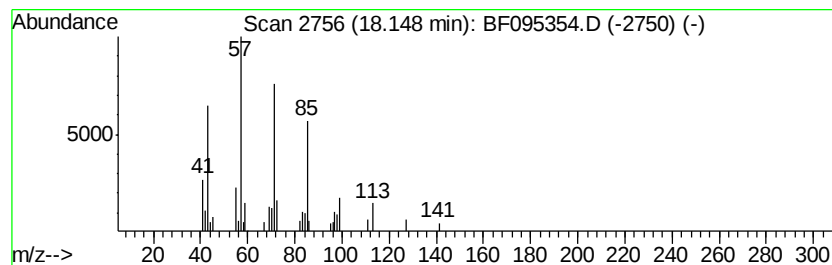
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	2.29 ng	55185	Chrysene-d12	18.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	90
2	Hexadecane	226 C16H34	000544-76-3	86
3	Heneicosane	296 C21H44	000629-94-7	80
4	Sulfurous acid, 2-propyl tridecy...	306 C16H34O3S	1000309-12-4	80
5	Tetradecane	198 C14H30	000629-59-4	80



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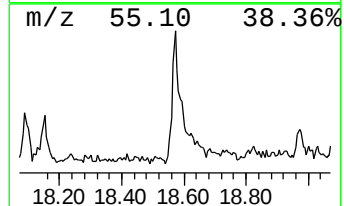
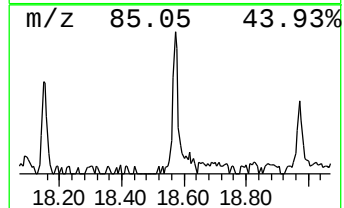
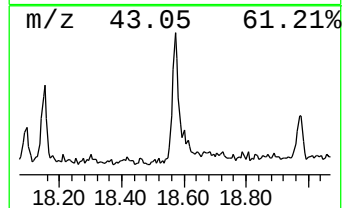
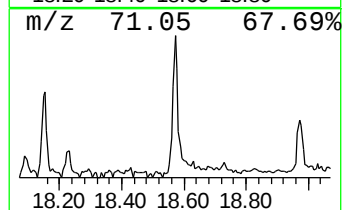
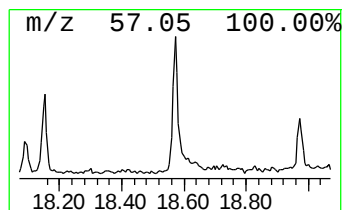
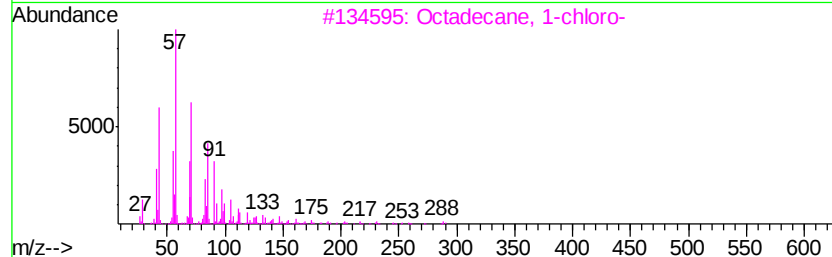
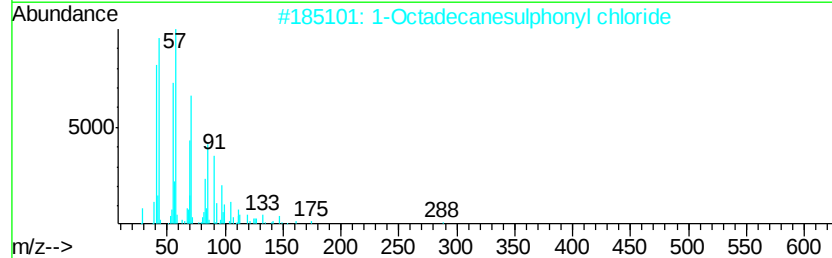
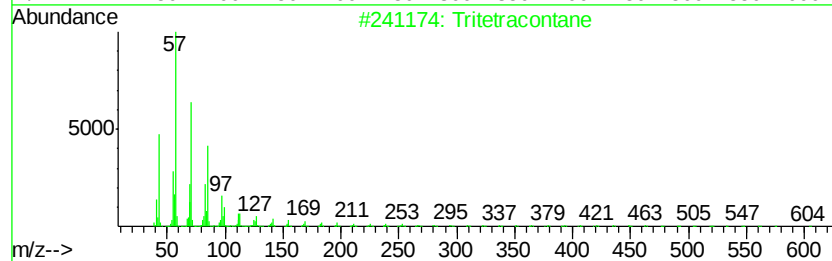
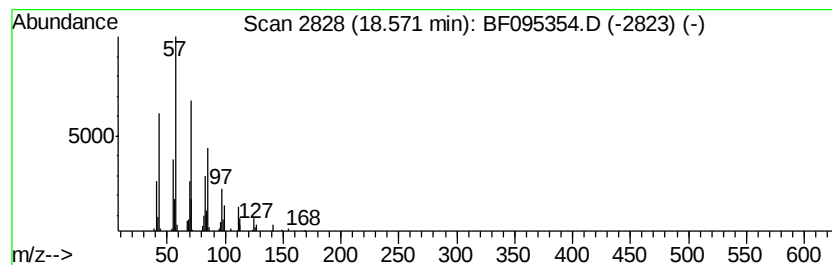
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	7.11 ng	171348	Chrysene-d12	18.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	91
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90
4		Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
5		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	90



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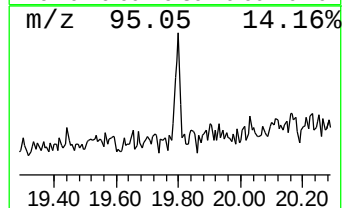
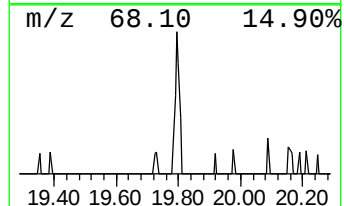
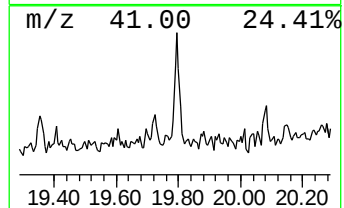
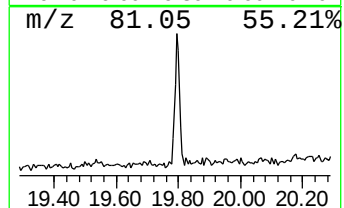
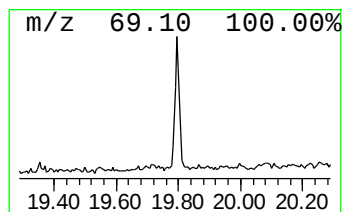
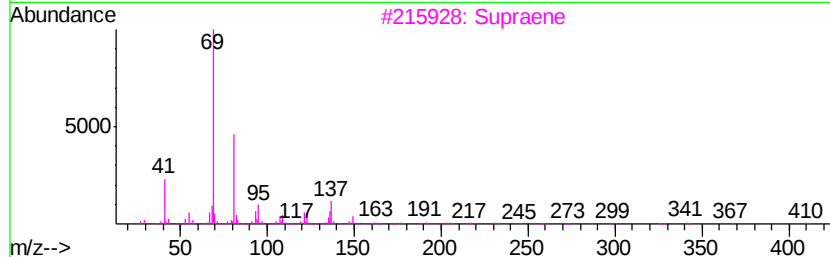
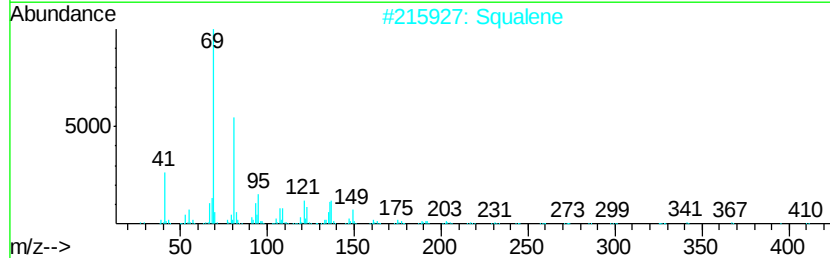
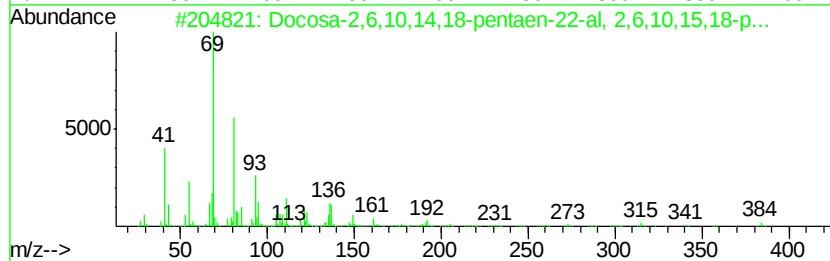
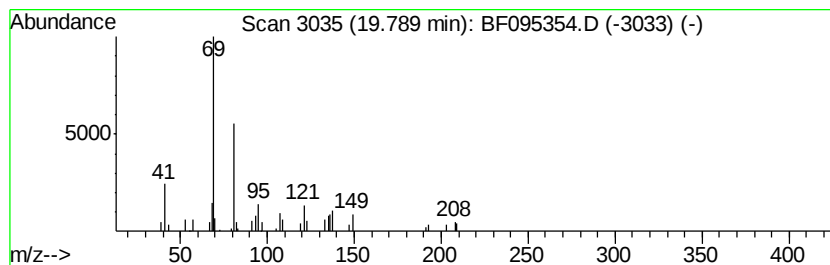
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Docosa-2,6,10,14,18-pentaen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	2.59 ng	53932	Perylene-d12	20.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	87
2		Squalene	410	C30H50	000111-02-4	86
3		Supraene	410	C30H50	007683-64-9	80
4		(.+/-)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	64
5		Farnesol isomer a	222	C15H26O	1000108-92-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095354.D
Acq On : 23 May 2017 16:45
Operator : SJ/MA
Sample : I3240-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

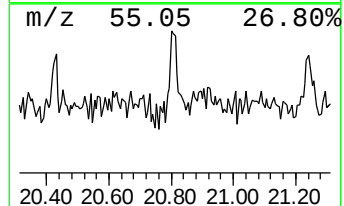
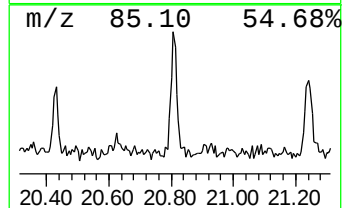
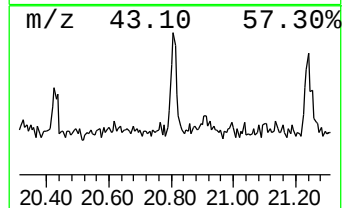
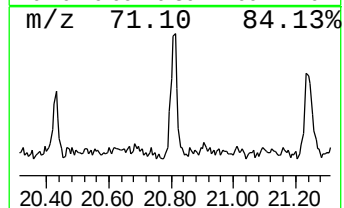
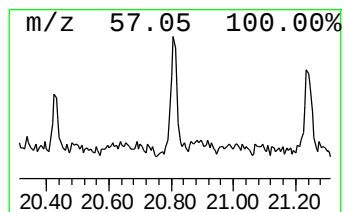
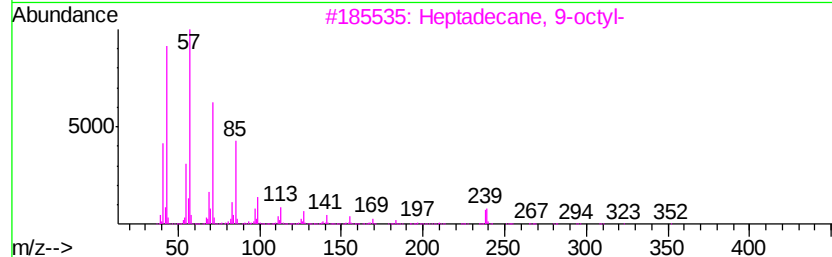
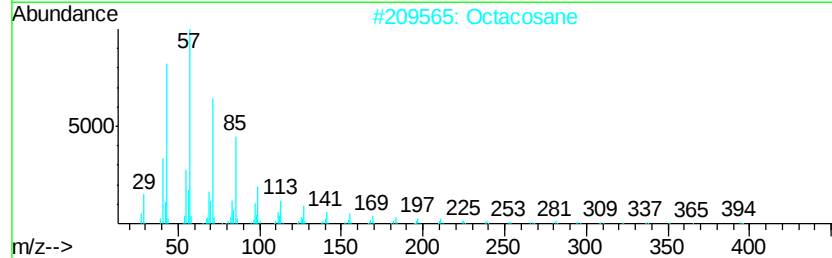
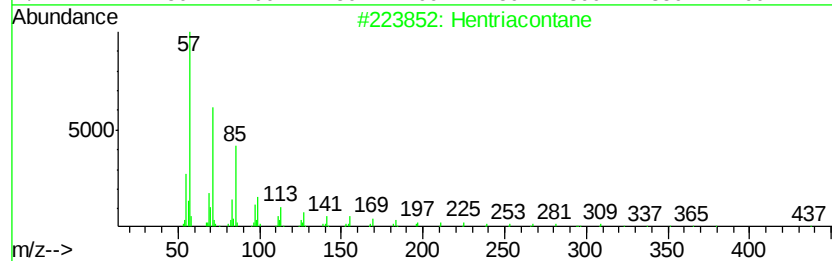
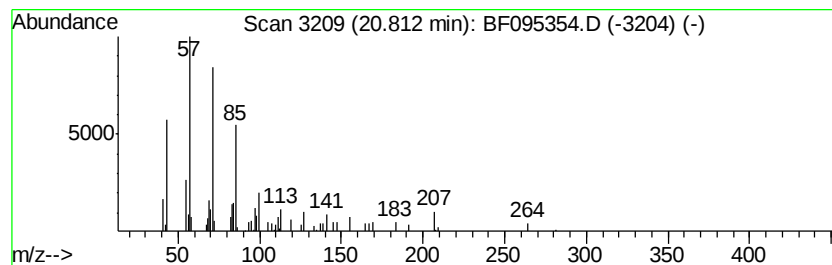
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ClientSampleId :
EP2-FD01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	3.27 ng	68237	Perylene-d12	20.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hentriacontane	437 C31H64	000630-04-6	87
2	Octacosane	394 C28H58	000630-02-4	87
3	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	87
4	Heptadecane	240 C17H36	000629-78-7	87
5	Triacontane	422 C30H62	000638-68-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095354.D
Acq On : 23 May 2017 16:45
Operator : SJ/MA
Sample : I3240-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

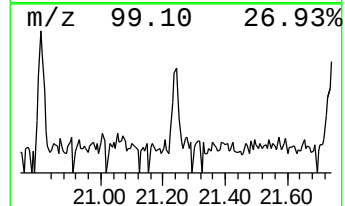
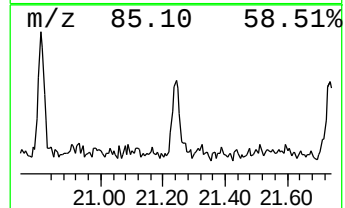
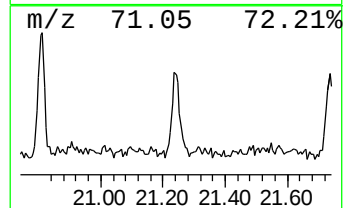
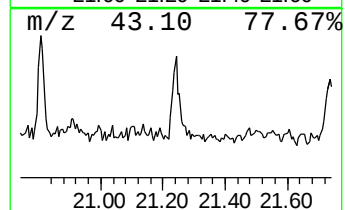
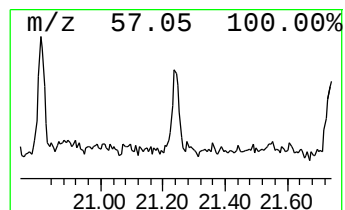
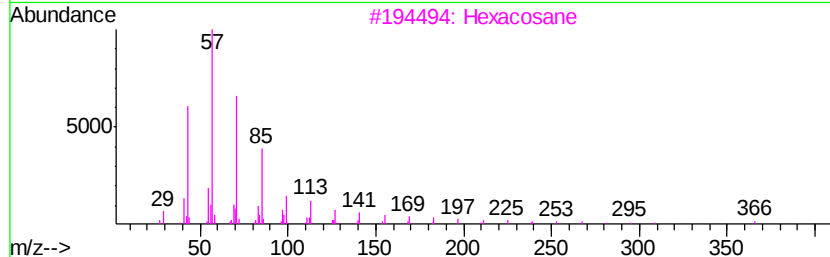
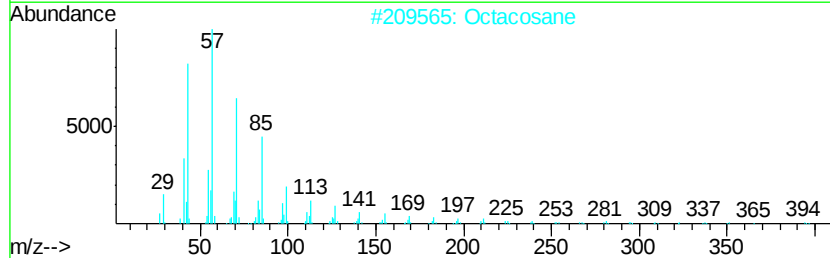
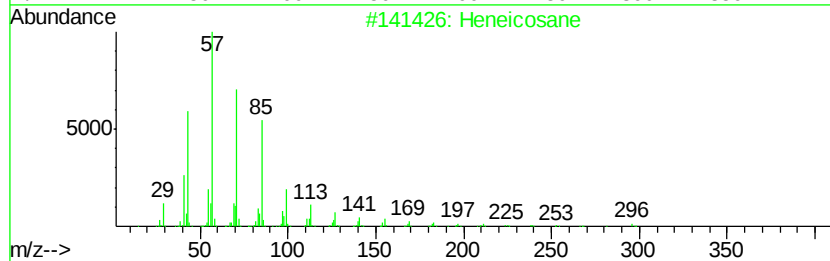
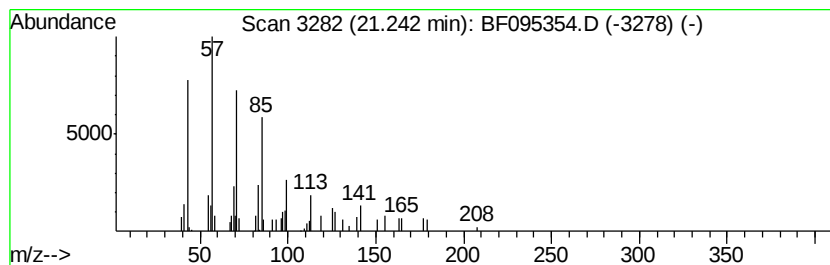
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	2.28 ng	47492	Perylene-d12	20.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296	C21H44	000629-94-7 72
2	Octacosane	394	C28H58	000630-02-4 72
3	Hexacosane	366	C26H54	000630-01-3 64
4	Heptadecane	240	C17H36	000629-78-7 64
5	Heptacosane	380	C27H56	000593-49-7 59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095354.D
Acq On : 23 May 2017 16:45
Operator : SJ/MA
Sample : I3240-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP2-FD01

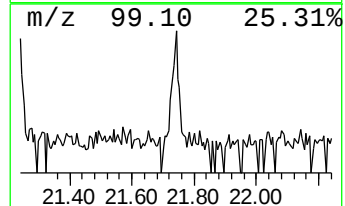
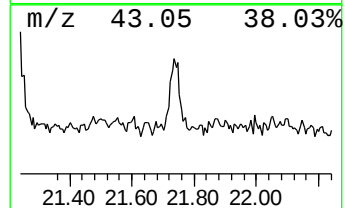
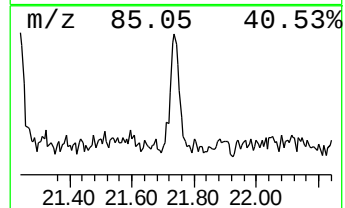
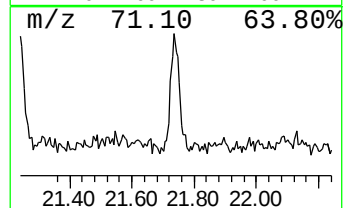
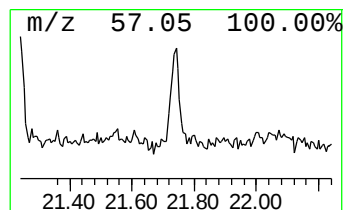
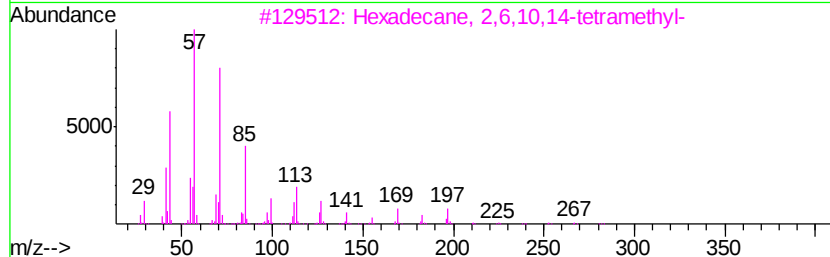
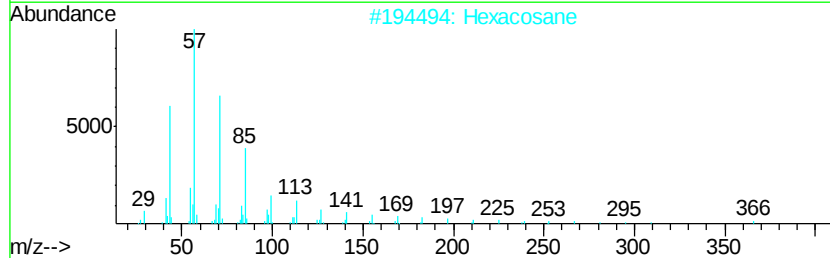
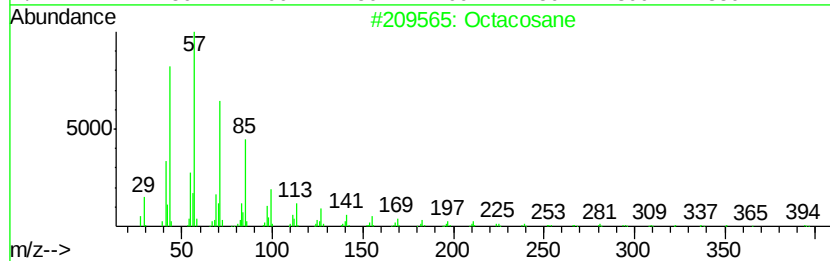
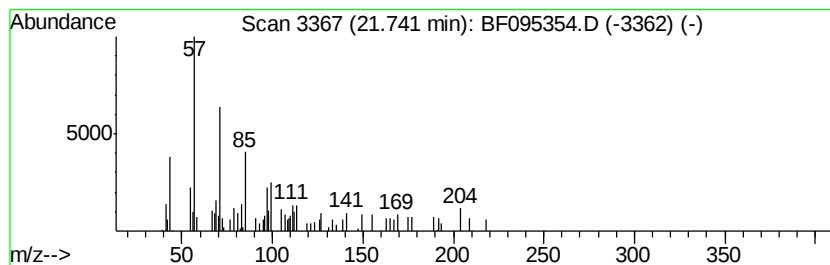
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	3.91 ng	81458	Perylene-d12	20.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	64
2			Hexacosane	366	C26H54	000630-01-3	59
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
4			Pentacosane	352	C25H52	000629-99-2	58
5			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095354.D
Acq On : 23 May 2017 16:45
Operator : SJ/MA
Sample : I3240-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

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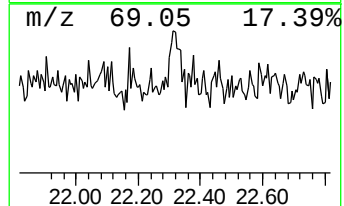
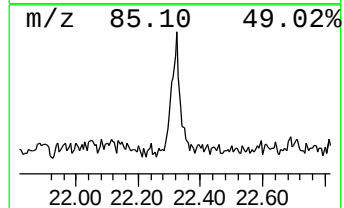
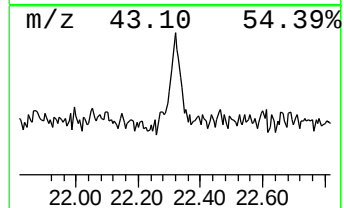
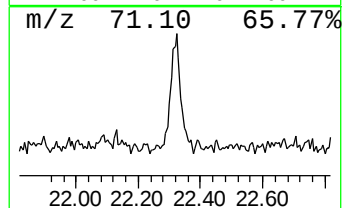
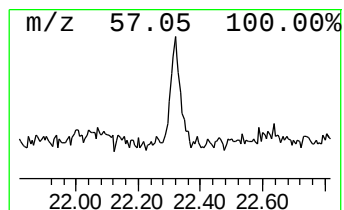
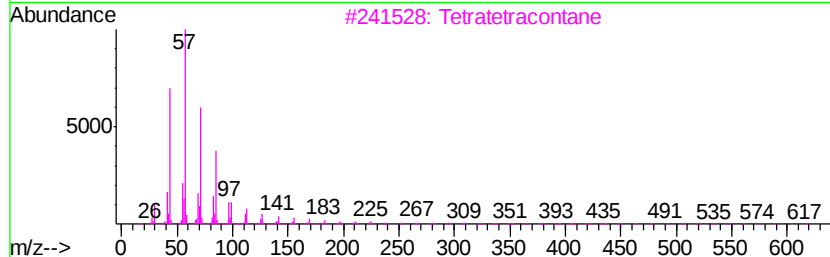
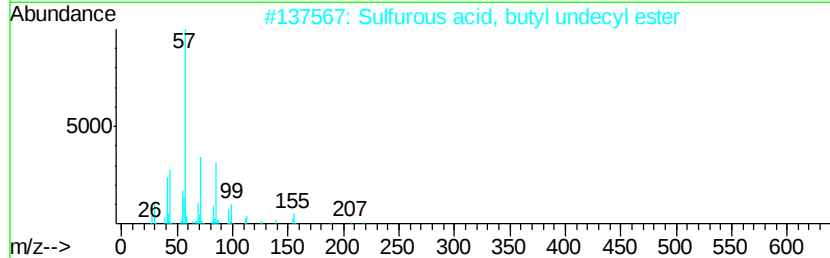
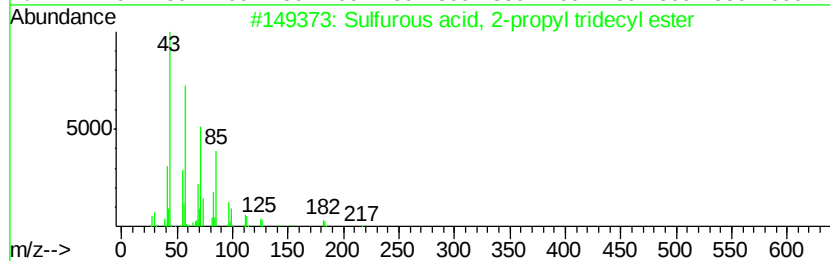
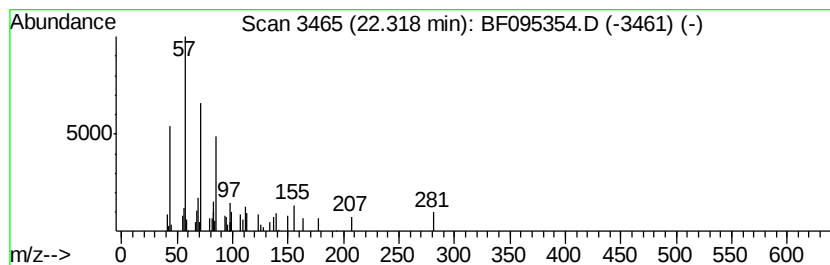
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Sulfurous acid, 2-propyl tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.95 ng	61585	Perylene-d12	20.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	59
2		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	59
3		Tetratetracontane	619	C44H90	007098-22-8	53
4		Hentriacontane	437	C31H64	000630-04-6	53
5		Eicosane, 3-methyl-	296	C21H44	006418-46-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095354.D
Acq On : 23 May 2017 16:45
Operator : SJ/MA
Sample : I3240-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP2-FD01

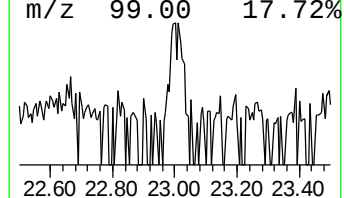
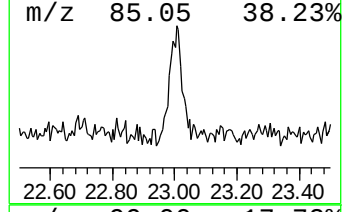
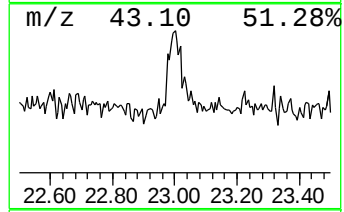
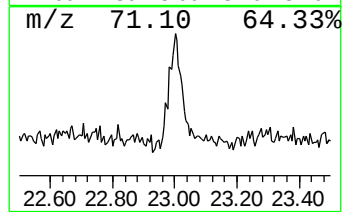
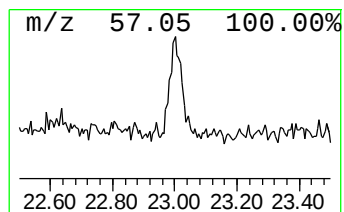
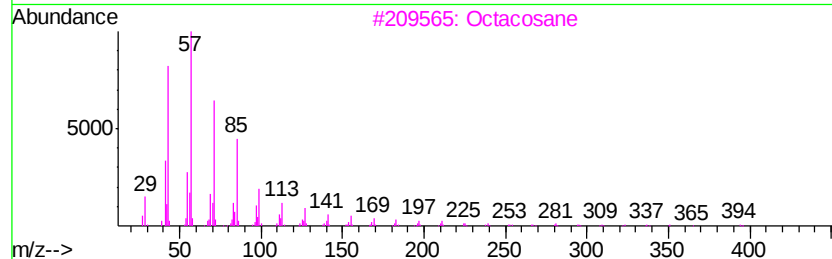
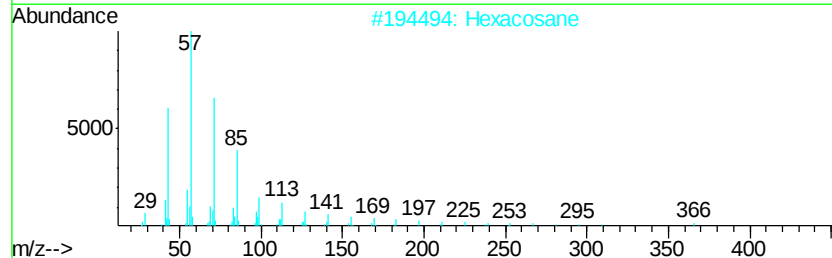
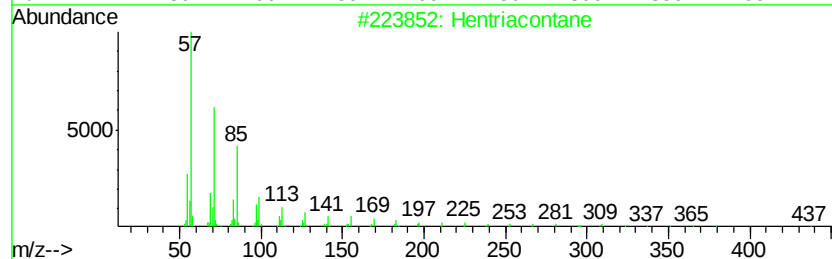
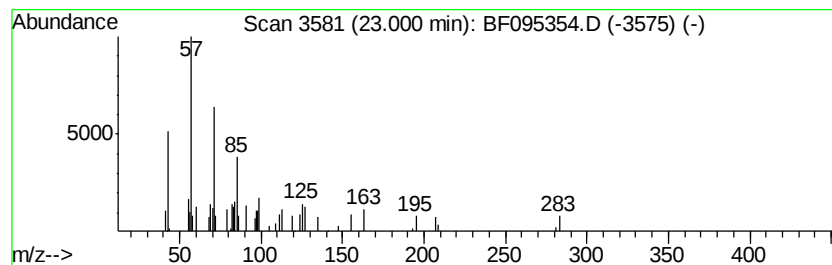
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	2.91 ng	60676	Perylene-d12	20.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	68
2		Hexacosane	366	C26H54	000630-01-3	64
3		Octacosane	394	C28H58	000630-02-4	64
4		Pentacosane	352	C25H52	000629-99-2	64
5		Tetratriacontane	479	C34H70	014167-59-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095354.D
Acq On : 23 May 2017 16:45
Operator : SJ/MA
Sample : I3240-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP2-FD01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.12	27.3	ng	779123	1	7.75	570615	20.0
unknown7.42	7.42	123.0	ng	3508870	1	7.75	570615	20.0
n-Hexadecanoic acid	15.97	3.0	ng	127564	4	15.01	845882	20.0
Heptadecane	18.15	2.3	ng	55185	5	18.69	481973	20.0
Tritetracontane	18.57	7.1	ng	171348	5	18.69	481973	20.0
Docosa-2,6,10,14,...	19.79	2.6	ng	53932	6	20.37	416899	20.0
Hentriacontane	20.81	3.3	ng	68237	6	20.37	416899	20.0
Heneicosane	21.24	2.3	ng	47492	6	20.37	416899	20.0
Octacosane	21.74	3.9	ng	81458	6	20.37	416899	20.0
Sulfurous acid, 2...	22.32	3.0	ng	61585	6	20.37	416899	20.0
Hexacosane	23.00	2.9	ng	60676	6	20.37	416899	20.0