

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051217\
 Data File : BF095120.D
 Acq On : 12 May 2017 19:35
 Operator : SJ/MA
 Sample : I3058-04 25X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-170508

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-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	7.495	926	945	948	rBV2	161789	591322	1.09%	0.603%
2	7.695	976	979	990	rBV	369609	546812	1.00%	0.558%
3	9.719	1319	1323	1333	rBV	560080	721330	1.32%	0.736%
4	12.548	1799	1804	1819	rBV2	504609	741119	1.36%	0.756%
5	14.954	2209	2213	2234	rBV2	439650	717659	1.32%	0.732%
6	16.012	2373	2393	2394	rBV	3650935	13157215	24.15%	13.427%
7	17.101	2536	2578	2579	rBV6	6081788	54480643	100.00%	55.600%
8	17.189	2590	2593	2596	rVB2	3602524	4011147	7.36%	4.094%
9	17.289	2598	2610	2611	rVV	4021744	10174881	18.68%	10.384%
10	17.306	2611	2613	2616	rVV	2947010	2950774	5.42%	3.011%
11	17.359	2619	2622	2626	rVB	511706	568803	1.04%	0.580%
12	17.424	2627	2633	2636	rVB	1379175	1803244	3.31%	1.840%
13	17.948	2710	2722	2728	rBV	2174110	4735349	8.69%	4.833%
14	18.030	2728	2736	2749	rVB	1149131	2232743	4.10%	2.279%
15	18.642	2836	2840	2846	rBV	383812	554590	1.02%	0.566%

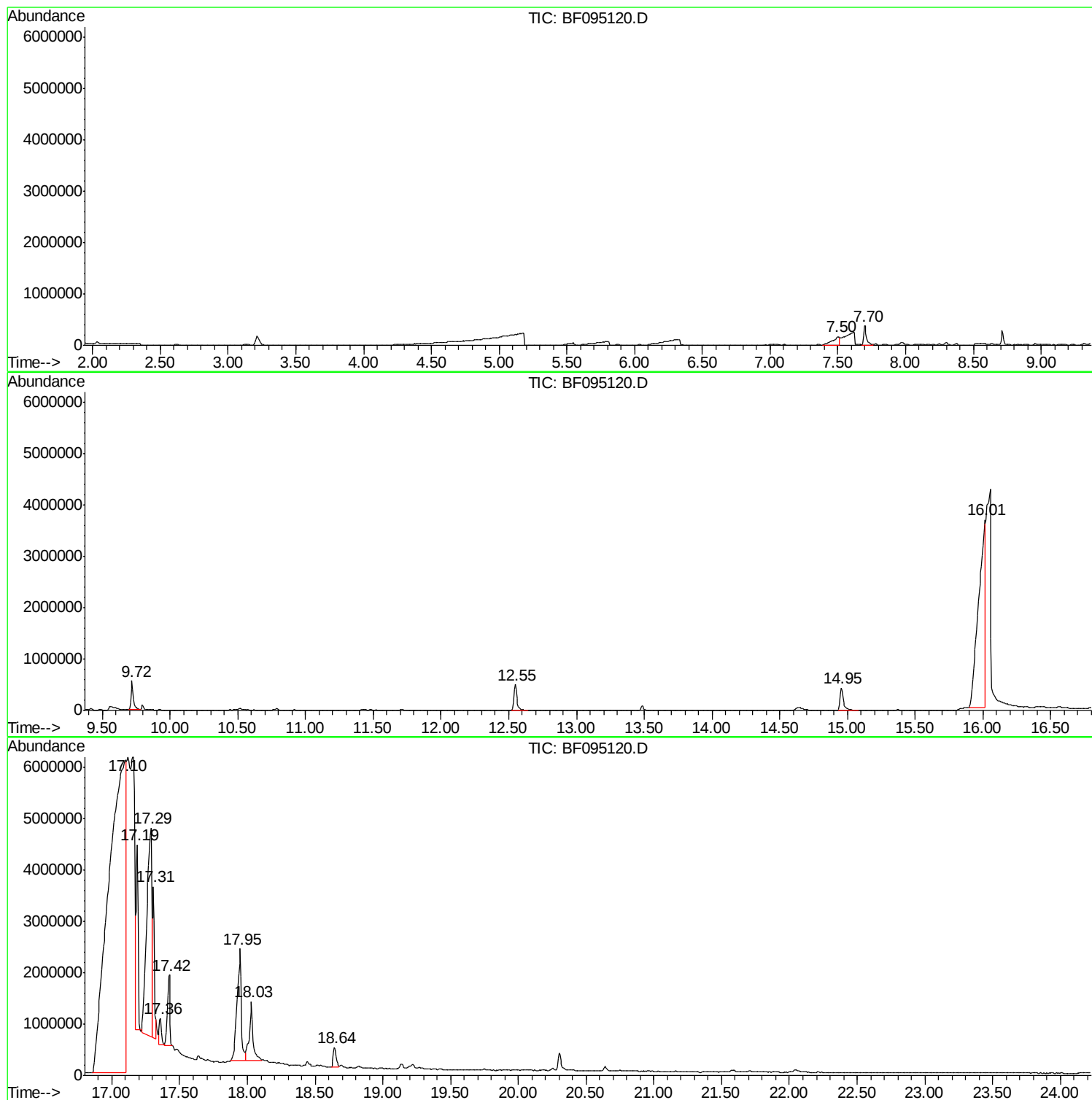
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051217\
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ALS Vial : 13 Sample Multiplier: 1

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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



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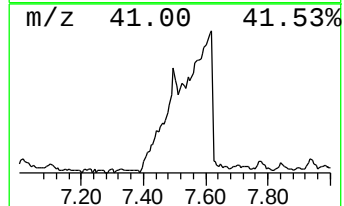
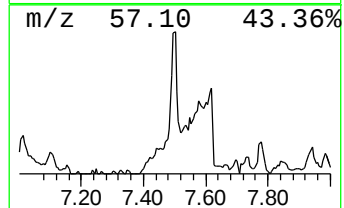
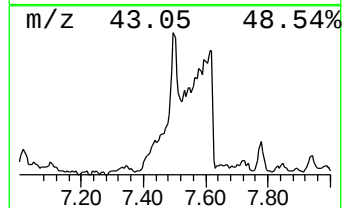
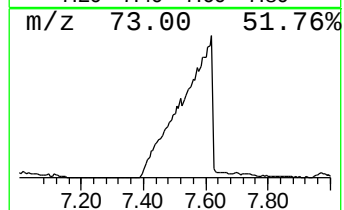
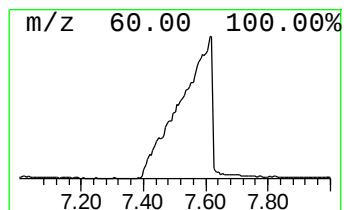
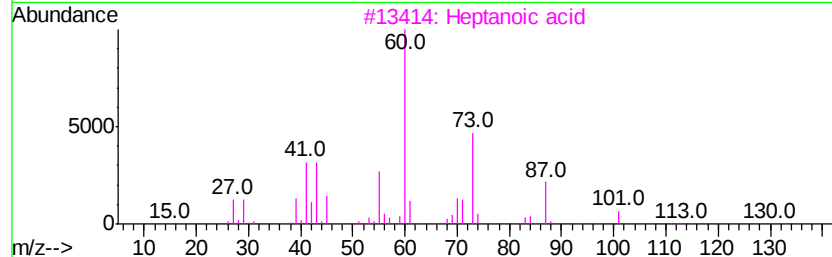
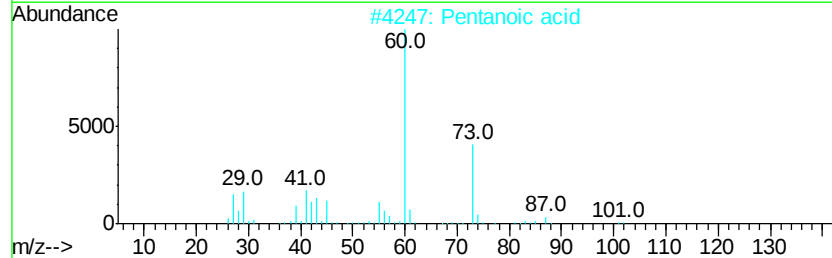
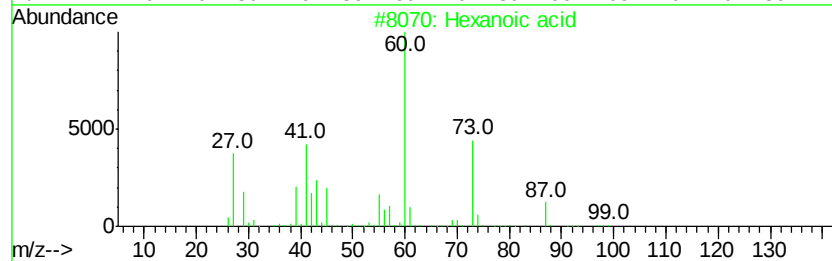
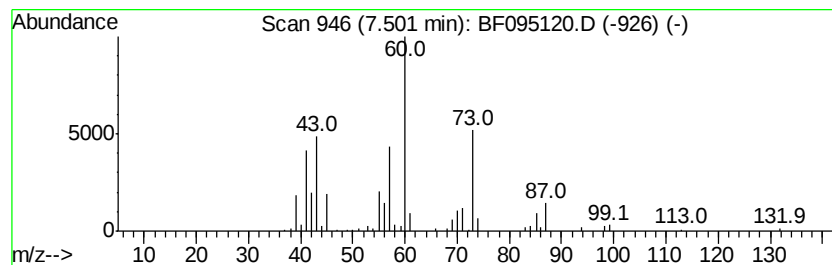
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	21.63 ng	591322	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	64
2	Pentanoic acid	102	C5H10O2	000109-52-4	53
3	Heptanoic acid	130	C7H14O2	000111-14-8	43
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	42
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	40



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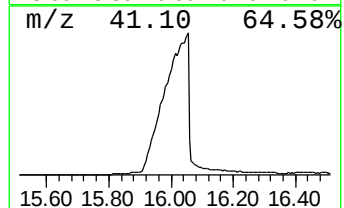
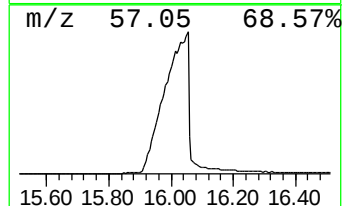
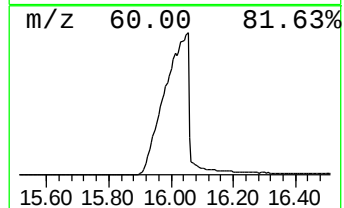
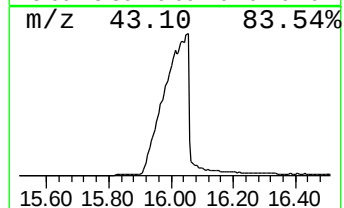
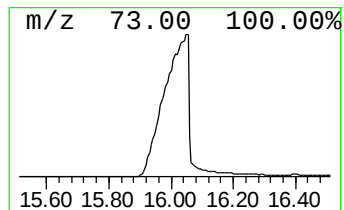
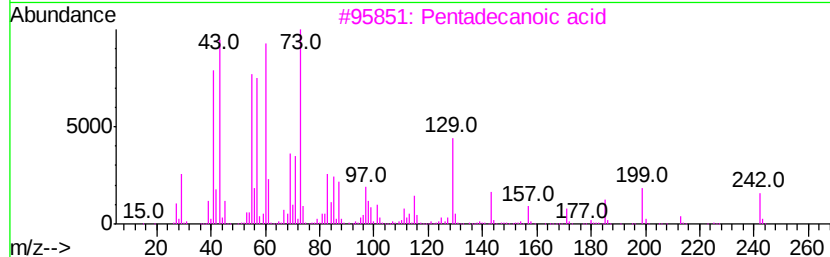
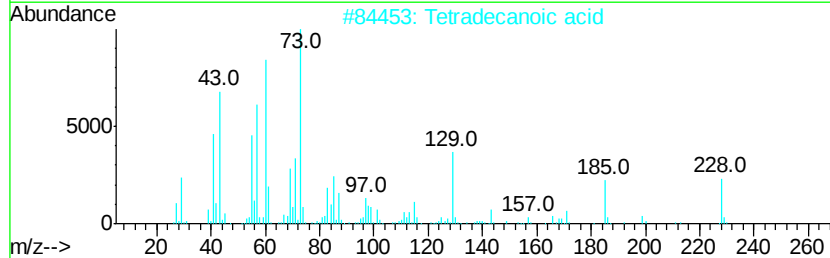
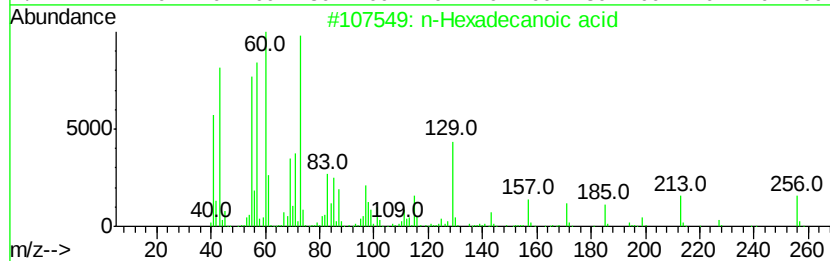
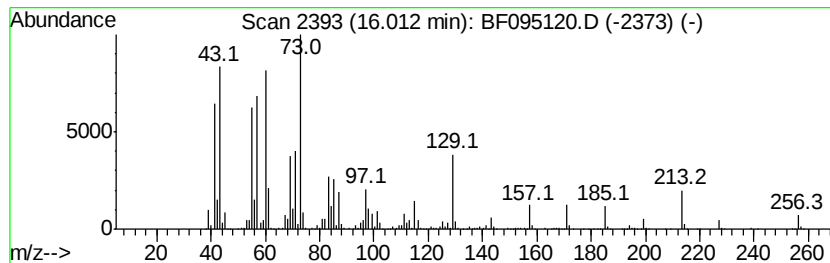
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	366.67 ng	13157200	Phenanthrene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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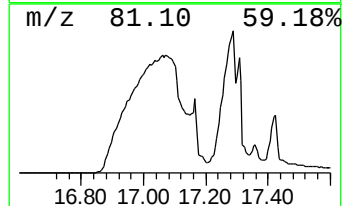
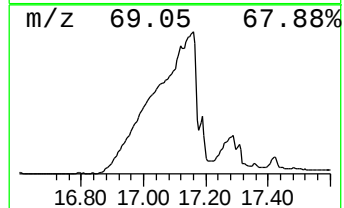
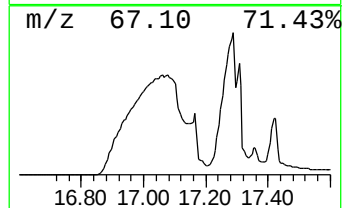
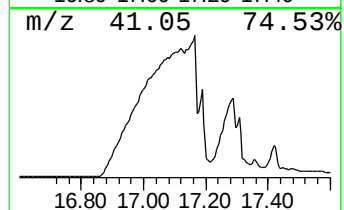
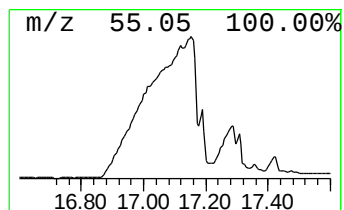
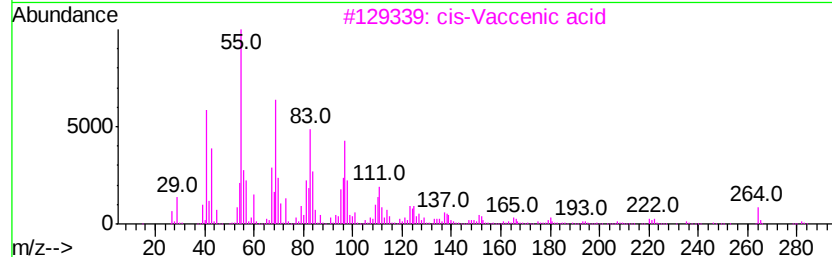
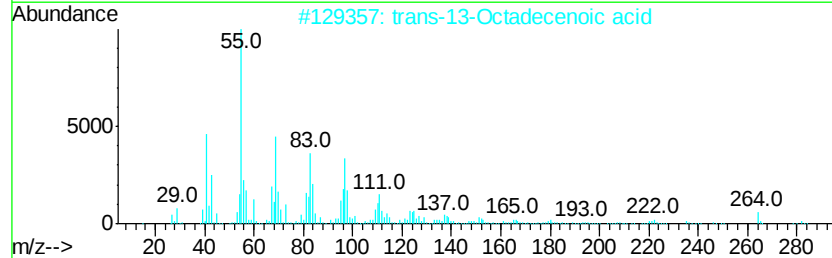
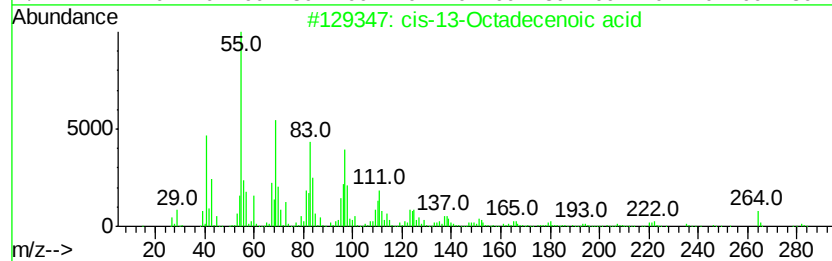
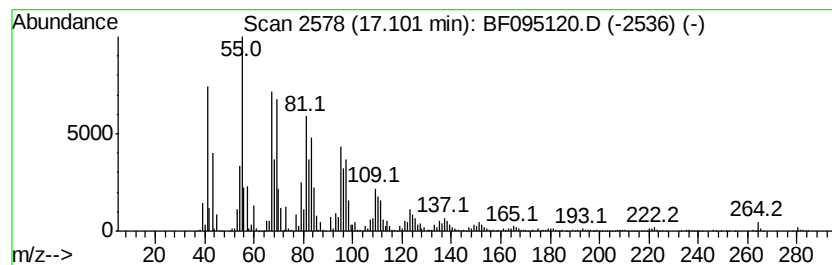
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Peak Number 3 cis-13-Octadecenoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	1964.72 ng	54480600	Chrysene-d12	18.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	94
2		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	94
3		cis-Vaccenic acid	282	C18H34O2	000506-17-2	92
4		9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	92
5		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	90



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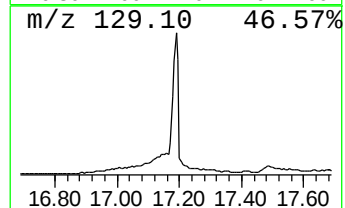
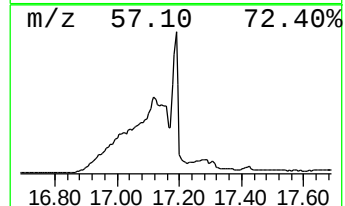
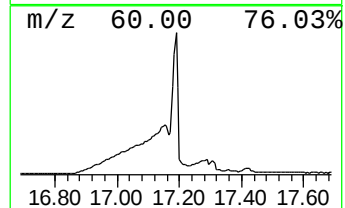
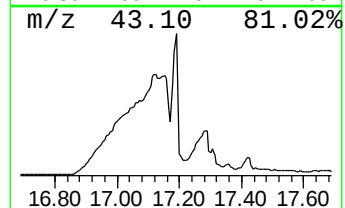
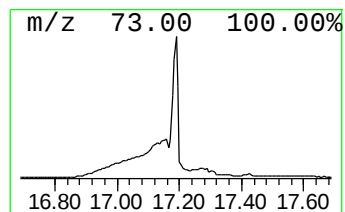
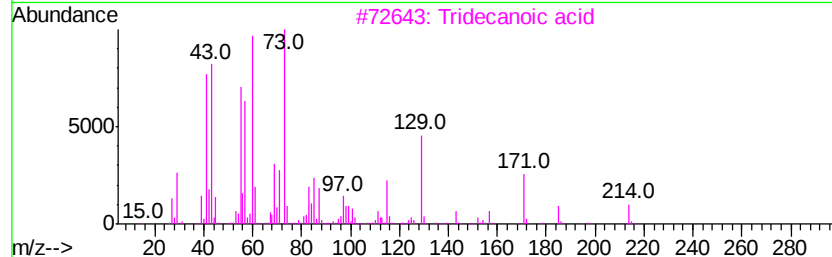
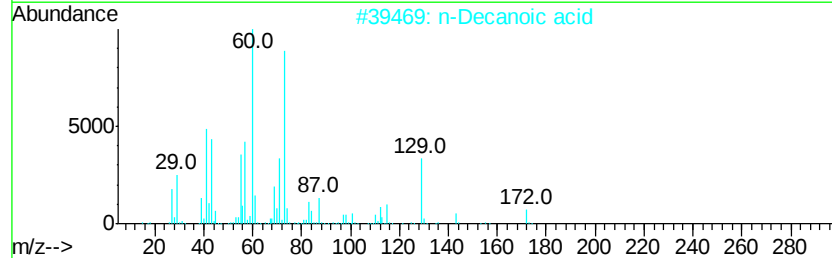
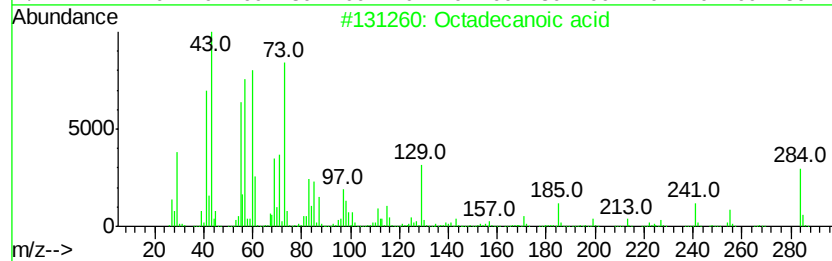
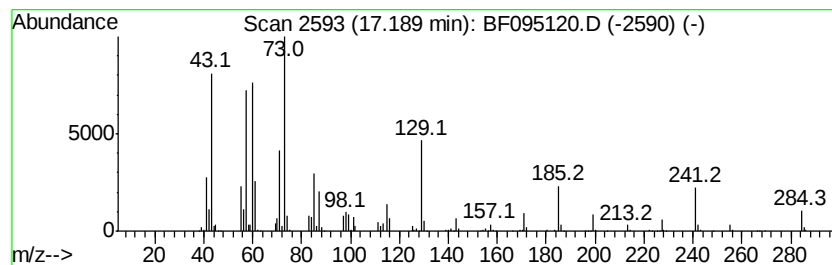
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	144.65 ng	4011150	Chrysene-d12	18.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	87
2		n-Decanoic acid	172	C10H20O2	000334-48-5	86
3		Tridecanoic acid	214	C13H26O2	000638-53-9	68
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		Undecanoic acid	186	C11H22O2	000112-37-8	38



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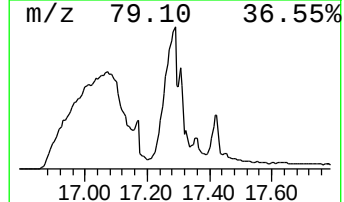
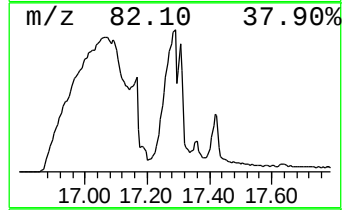
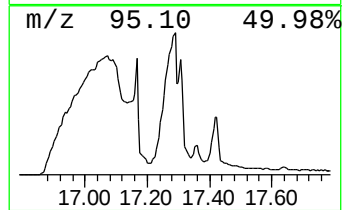
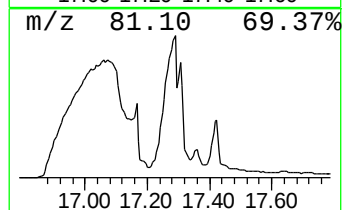
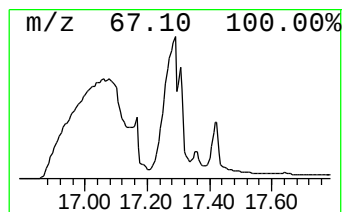
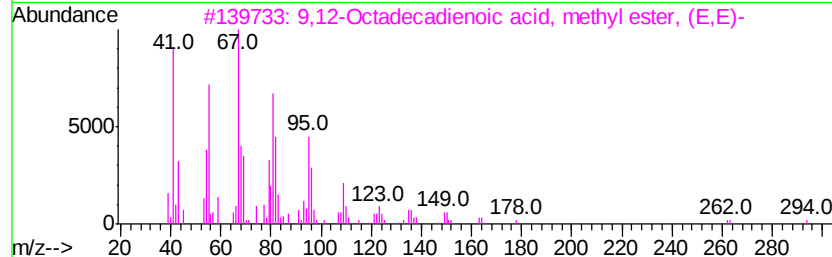
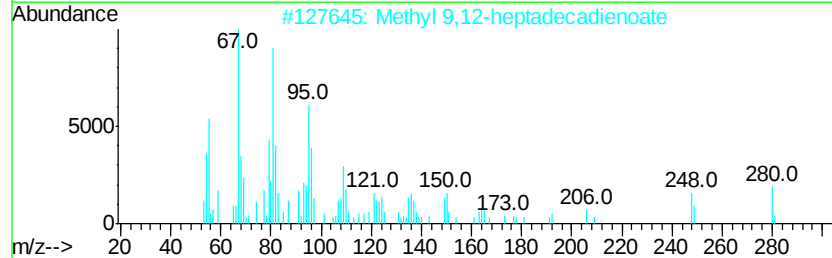
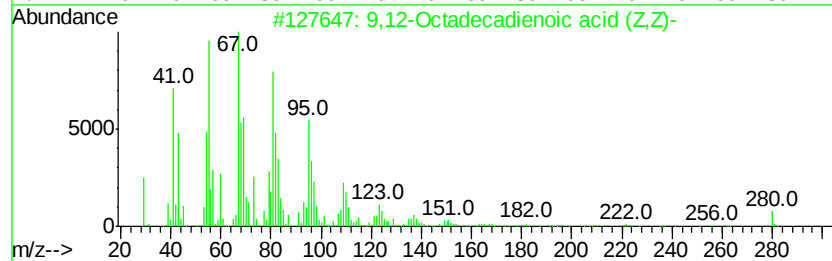
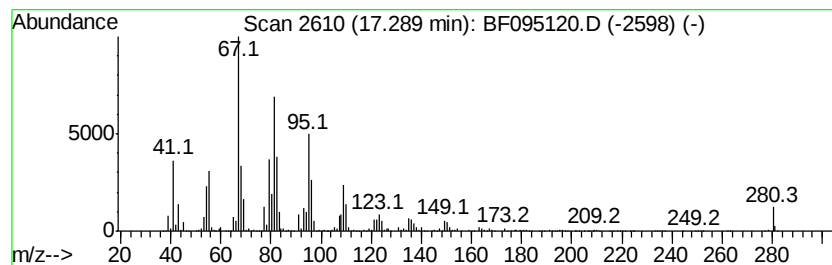
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 9,12-Octadecadienoic acid (... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	366.93 ng	10174900	Chrysene-d12	18.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	93
2		Methyl 9,12-heptadecadienoate	280	C18H32O2	1000336-36-2	90
3		9,12-Octadecadienoic acid, methyl...	294	C19H34O2	002566-97-4	80
4		3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	74
5		6-Tridecane	180	C13H24	042371-66-4	72



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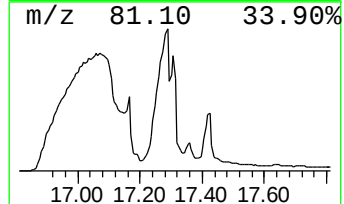
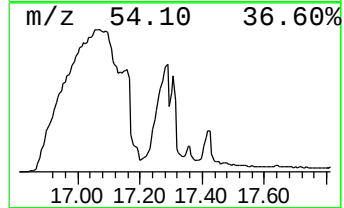
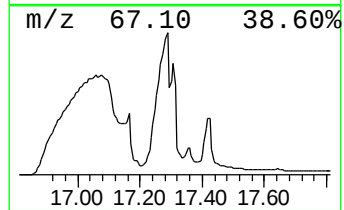
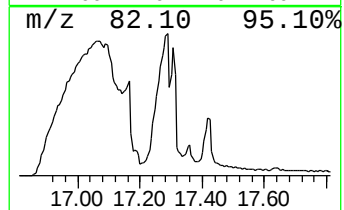
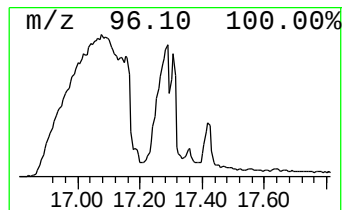
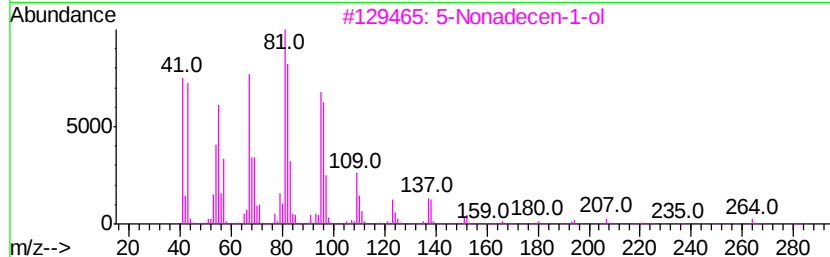
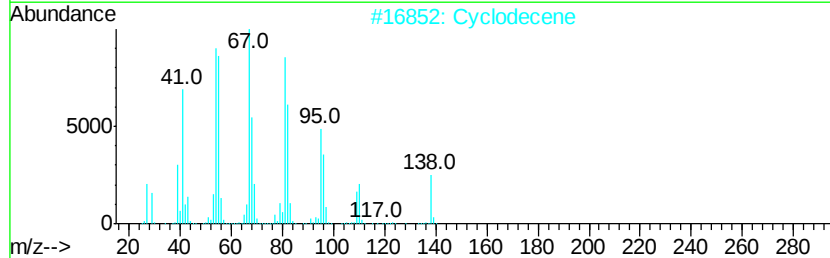
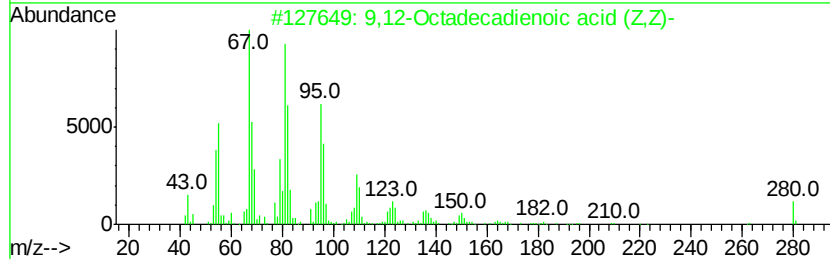
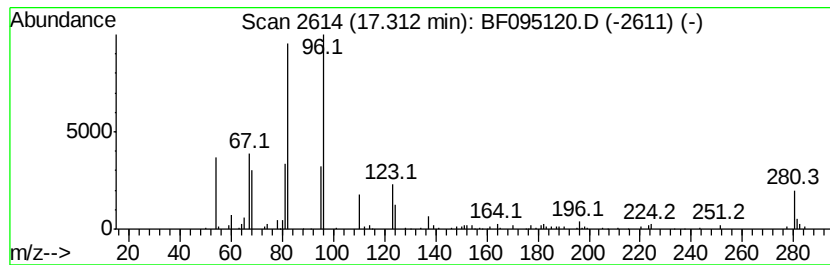
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclodecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	106.41 ng	2950770	Chrysene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	93
2	Cyclodecene	138	C10H18	003618-12-0	81
3	5-Nonadecen-1-ol	282	C19H38O	1000131-11-9	81
4	Propylidencyclohexane	124	C9H16	002129-93-3	76
5	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	58



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Acq On : 12 May 2017 19:35
Operator : SJ/MA
Sample : I3058-04 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

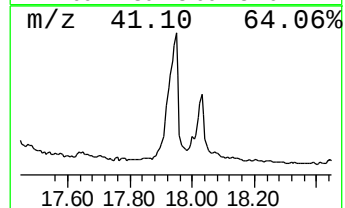
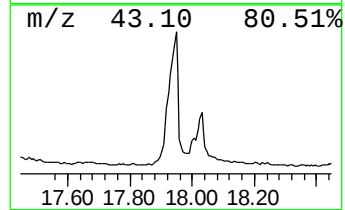
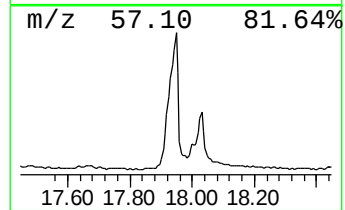
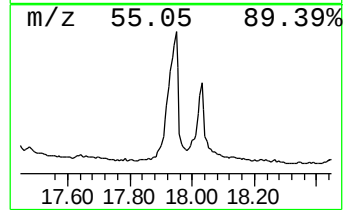
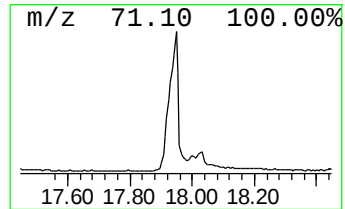
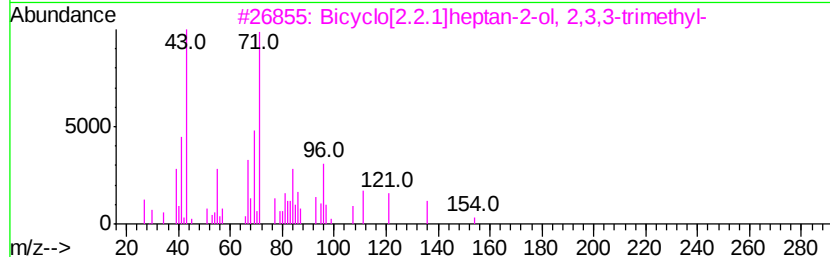
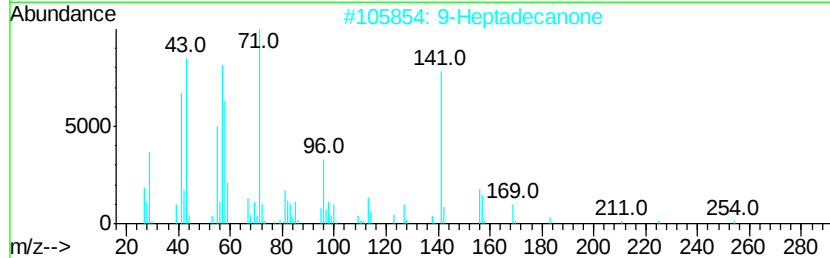
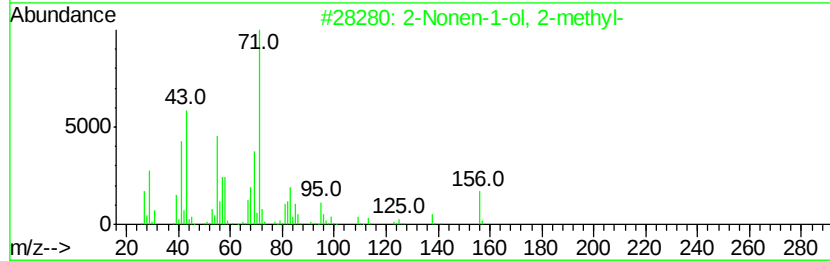
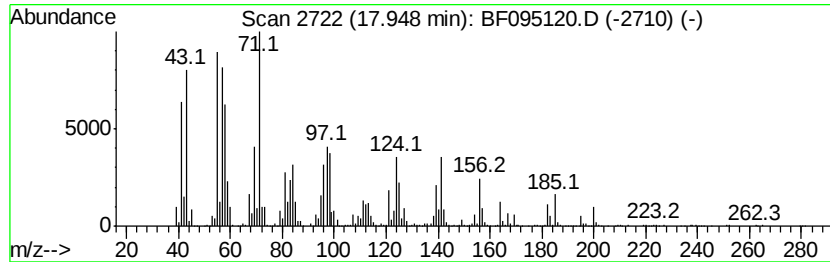
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown17.95 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	170.77 ng	4735350	Chrysene-d12	18.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2		Nonen-1-ol, 2-methyl-	156	C10H20O	091008-40-1	38
2	9		Heptadecanone	254	C17H34O	000540-08-9	38
3			Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	38
4			9-Octadecanone	268	C18H36O	018394-00-8	30
5			1,6-Octadiene, 3-ethoxy-3,7-dime...	182	C12H22O	072845-33-1	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051217\
Data File : BF095120.D
Acq On : 12 May 2017 19:35
Operator : SJ/MA
Sample : I3058-04 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

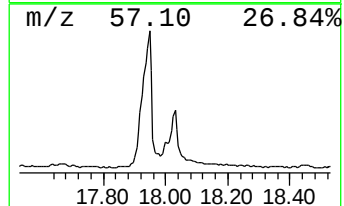
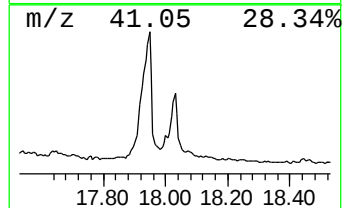
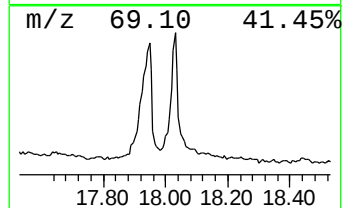
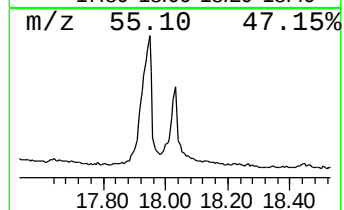
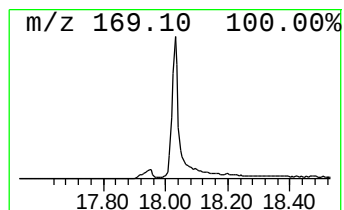
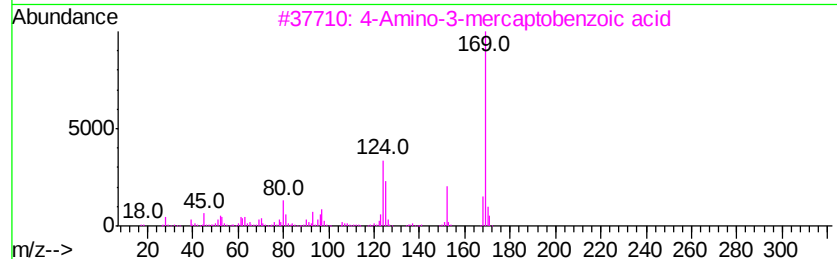
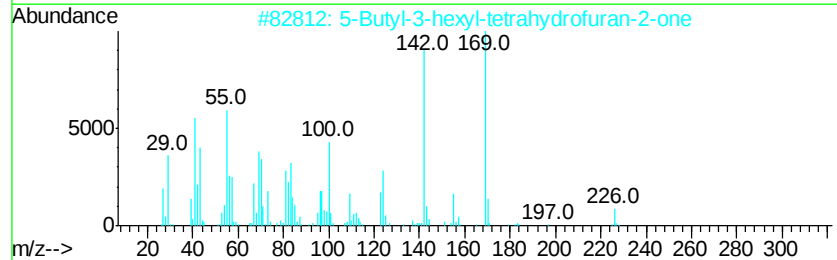
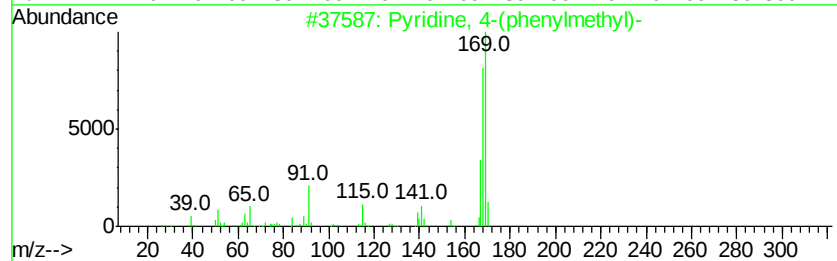
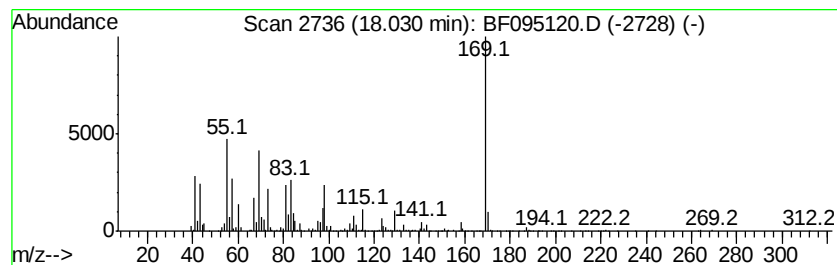
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown18.03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	80.52 ng	2232740	Chrysene-d12	18.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridine, 4-(phenylmethyl)-	169	C12H11N	002116-65-6	43
2		5-Butyl-3-hexyl-tetrahydrofuran-...	226	C14H26O2	1000185-38-8	43
3		4-Amino-3-mercaptopbenzoic acid	169	C7H7NO2S	014543-45-4	38
4		[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	38
5		Fumaric acid, 3-heptyl pentyl ester	284	C16H28O4	1000348-68-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051217\
Data File : BF095120.D
Acq On : 12 May 2017 19:35
Operator : SJ/MA
Sample : I3058-04 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

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
Hexanoic acid	7.50	21.6	ng	591322	1	7.70	546812	20.0
n-Hexadecanoic acid	16.01	366.7	ng	13157200	4	14.95	717659	20.0
cis-13-Octadeceno...	17.10	1964.7	ng	54480600	5	18.64	554590	20.0
Octadecanoic acid	17.19	144.7	ng	4011150	5	18.64	554590	20.0
9,12-Octadecadien...	17.29	366.9	ng	10174900	5	18.64	554590	20.0
Cyclodecene	17.31	106.4	ng	2950770	5	18.64	554590	20.0
unknown17.95	17.95	170.8	ng	4735350	5	18.64	554590	20.0
unknown18.03	18.03	80.5	ng	2232740	5	18.64	554590	20.0