

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018477.D
 Acq On : 09 Jan 2019 17:41
 Operator : JU/SJ
 Sample : K1006-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-D

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.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	4.898	303	308	317	rVB	215411	304398	2.20%	0.246%
2	5.351	379	385	398	rBV	5214061	7440835	53.89%	6.011%
3	6.934	647	654	668	rBV	5118985	8223712	59.56%	6.643%
4	7.298	708	716	725	rBV	5387168	8631060	62.51%	6.972%
5	7.763	787	795	802	rBV	2005590	3216043	23.29%	2.598%
6	8.081	841	849	857	rVB	3808671	6037747	43.73%	4.877%
7	8.928	984	993	1005	rBV	2975456	4969773	36.00%	4.015%
8	10.551	1262	1269	1277	rVB	2624787	4363140	31.60%	3.525%
9	13.021	1682	1689	1698	rBV	6707091	9981940	72.30%	8.064%
10	13.868	1827	1833	1839	rBV	426091	639506	4.63%	0.517%
11	14.410	1918	1925	1933	rVB2	3684244	5731984	41.52%	4.630%
12	15.651	2132	2136	2144	rVB2	135706	219641	1.59%	0.177%
13	15.898	2172	2178	2186	rBV	5864842	8468348	61.34%	6.841%
14	16.127	2211	2217	2223	rBV	483018	814151	5.90%	0.658%
15	16.951	2352	2357	2368	rVB	849726	1409810	10.21%	1.139%
16	17.156	2386	2392	2397	rBV2	4885957	6950330	50.34%	5.615%
17	17.562	2457	2461	2467	rBV2	310043	488587	3.54%	0.395%
18	17.821	2501	2505	2510	rVB	846216	976658	7.07%	0.789%
19	18.050	2539	2544	2555	rBV	2860322	4573336	33.12%	3.694%
20	18.968	2696	2700	2703	rBV	2379154	2800744	20.29%	2.263%
21	19.003	2703	2706	2711	rVB2	2637229	3018862	21.87%	2.439%
22	19.139	2725	2729	2734	rBV2	623714	903195	6.54%	0.730%
23	19.333	2758	2762	2773	rBV	3634343	5712904	41.38%	4.615%
24	19.792	2835	2840	2847	rVB	11455840	13806615	100.00%	11.153%
25	21.056	3052	3055	3063	rVB	1186401	1534248	11.11%	1.239%
26	21.356	3101	3106	3110	rVB	5253089	6762377	48.98%	5.463%
27	23.638	3488	3494	3503	rVB	2974584	5809220	42.08%	4.693%

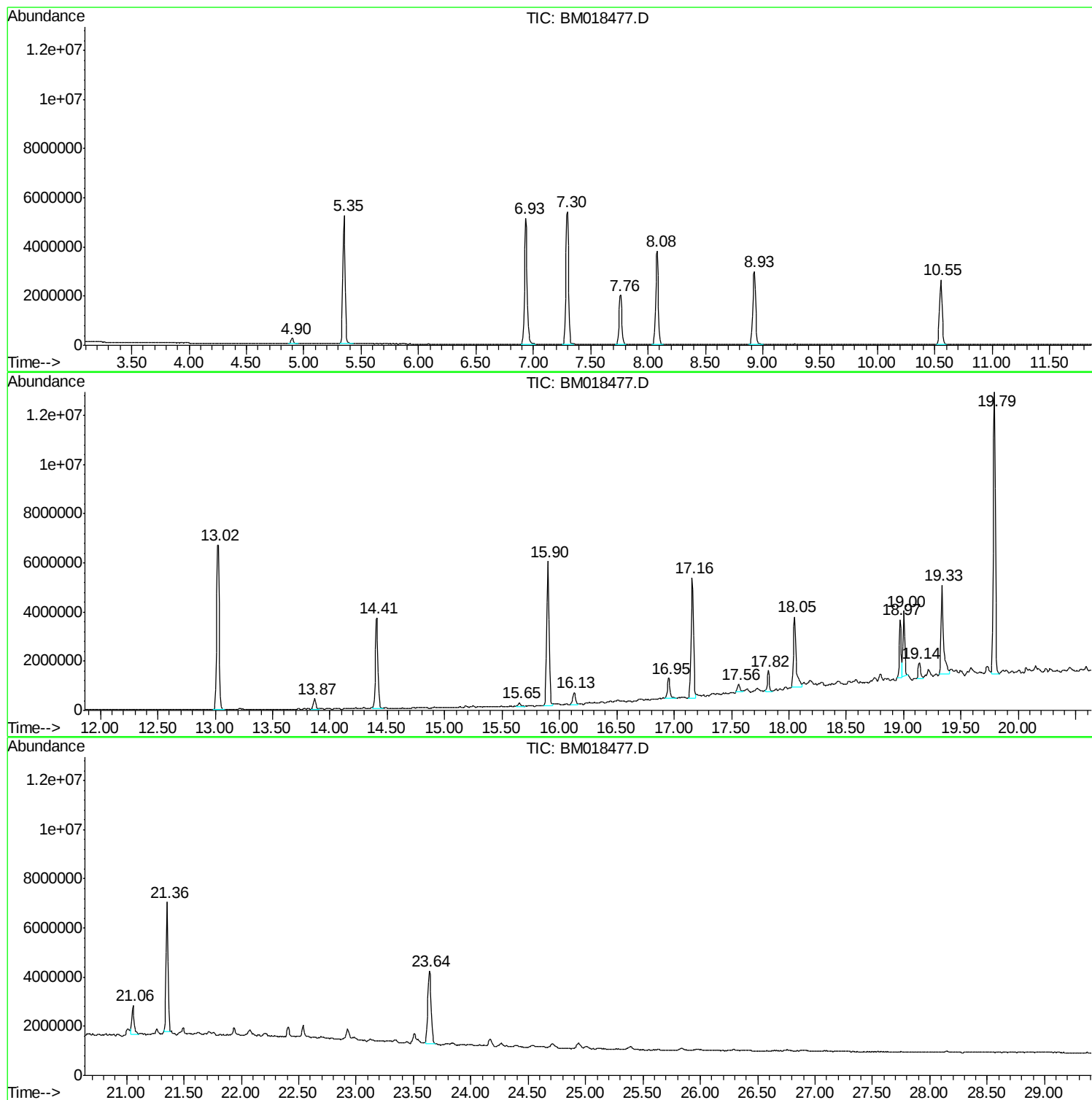
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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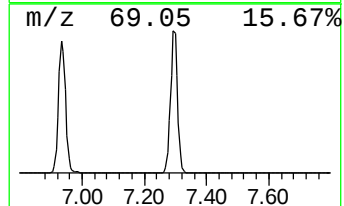
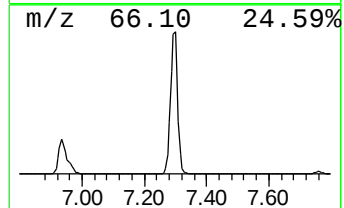
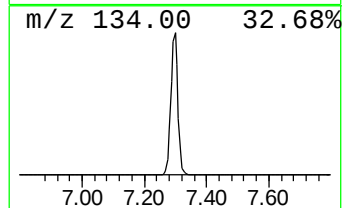
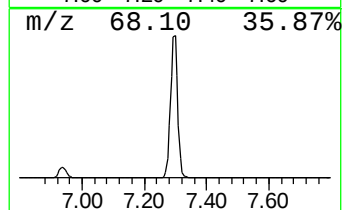
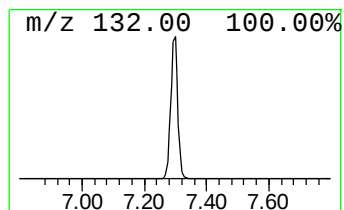
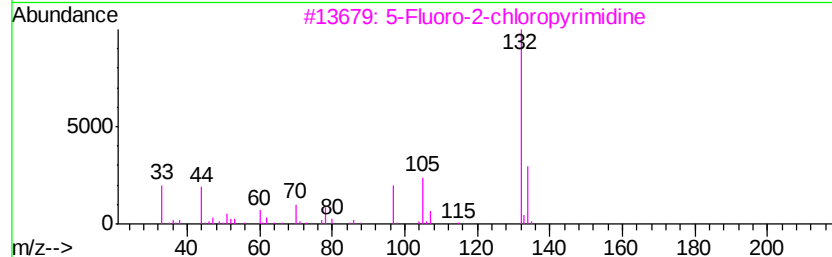
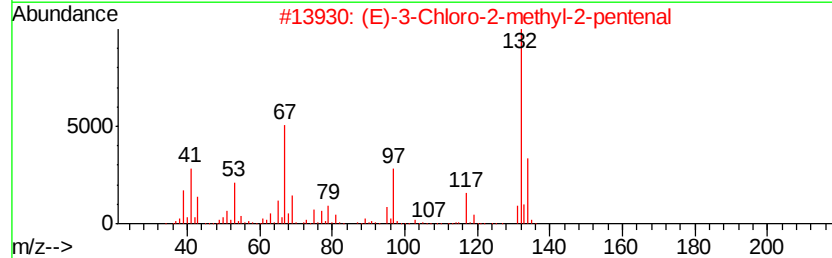
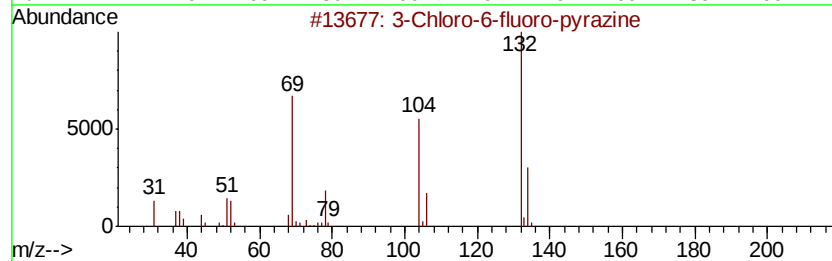
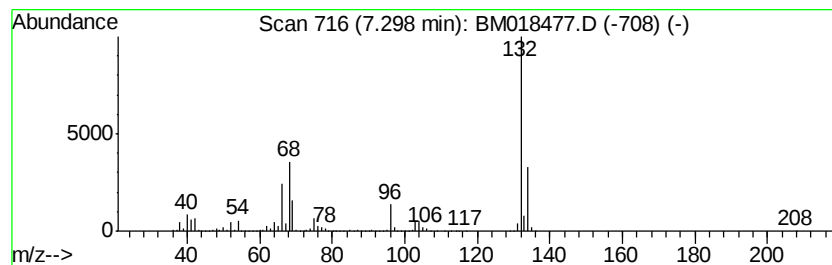
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	53.68 ng	8631060	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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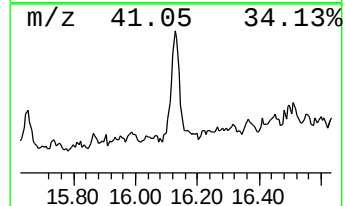
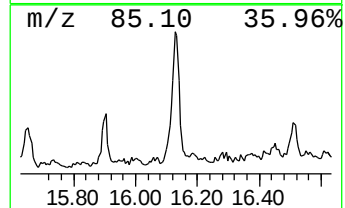
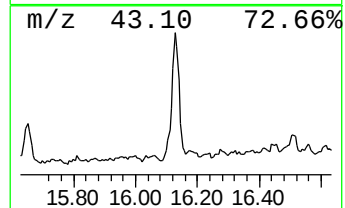
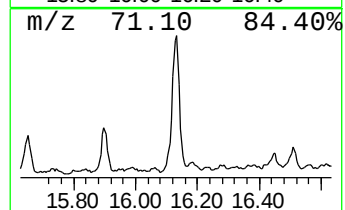
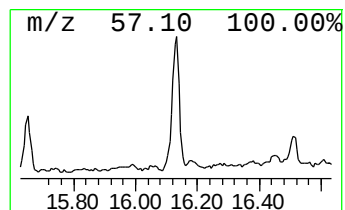
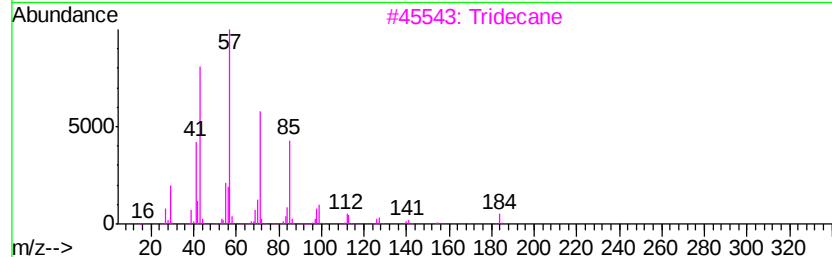
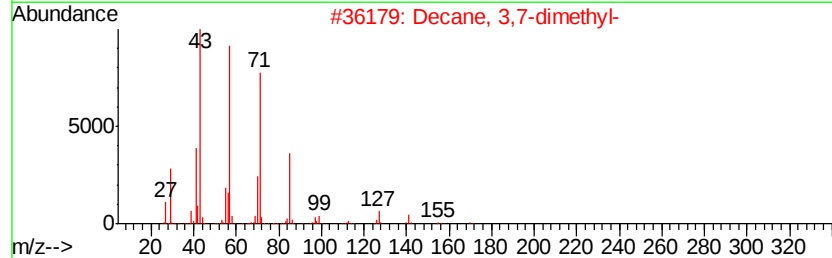
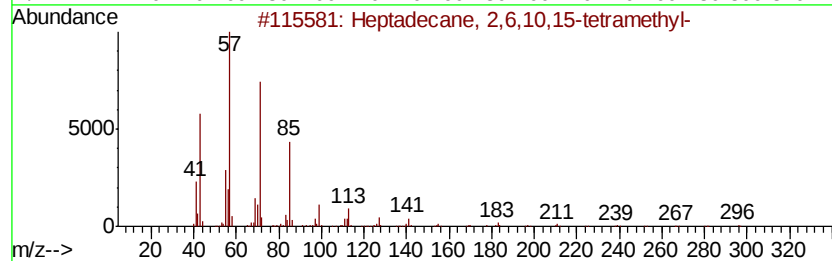
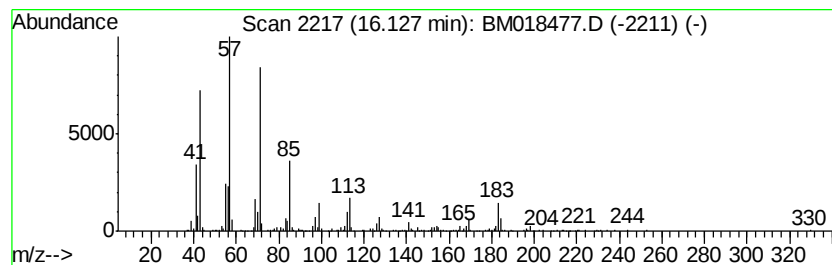
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Peak Number 3 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.34 ng	814151	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	76
3		Tridecane	184	C13H28	000629-50-5	72
4		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
5		Heptacosane	380	C27H56	000593-49-7	64



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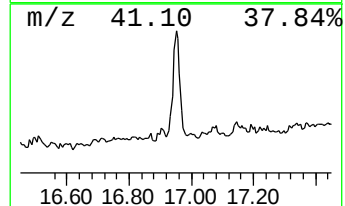
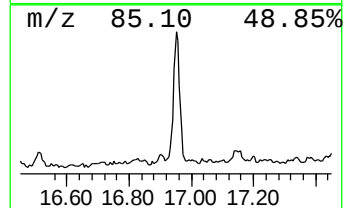
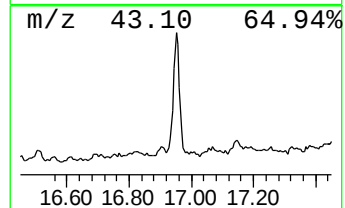
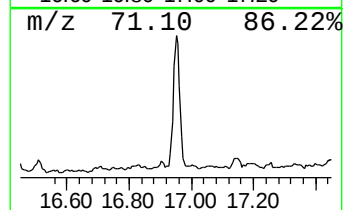
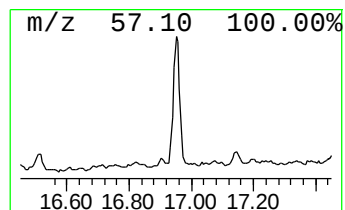
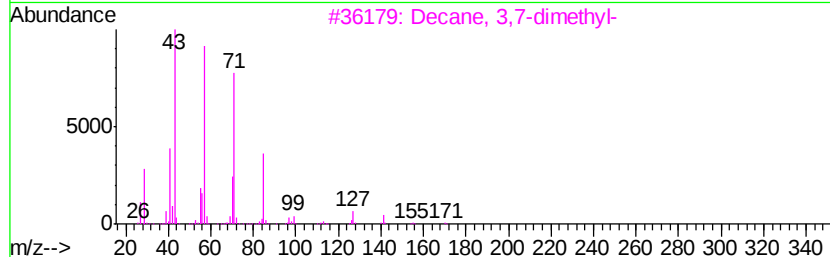
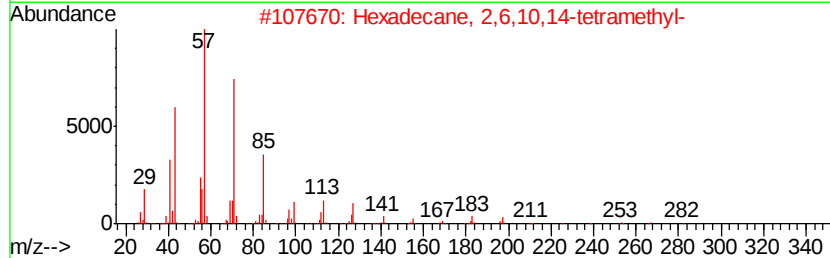
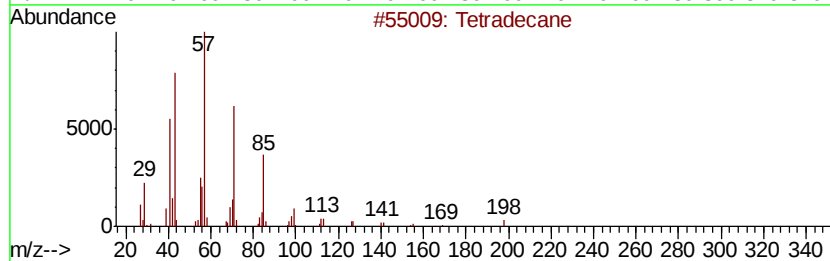
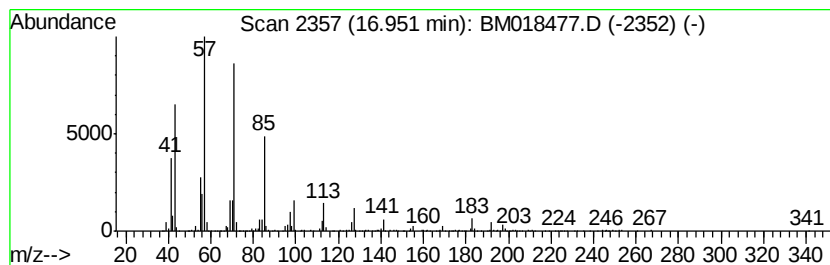
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Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	4.06 ng	1409810	Phenanthrene-d10	17.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	87
4			Tridecane	184	C13H28	000629-50-5	87
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



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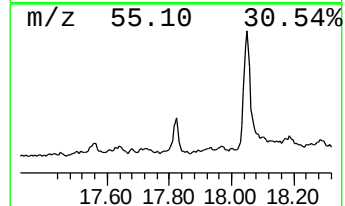
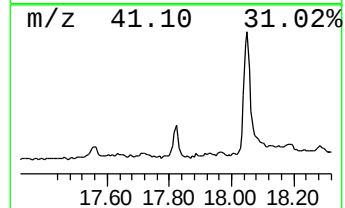
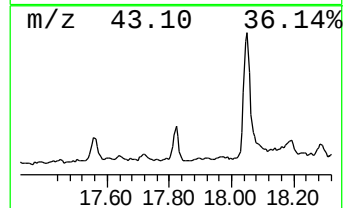
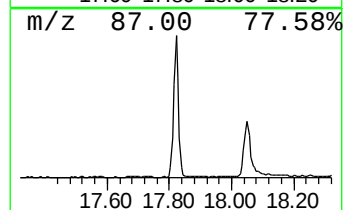
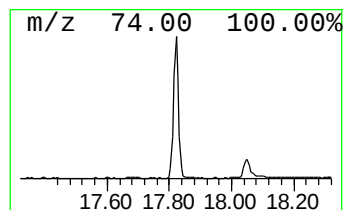
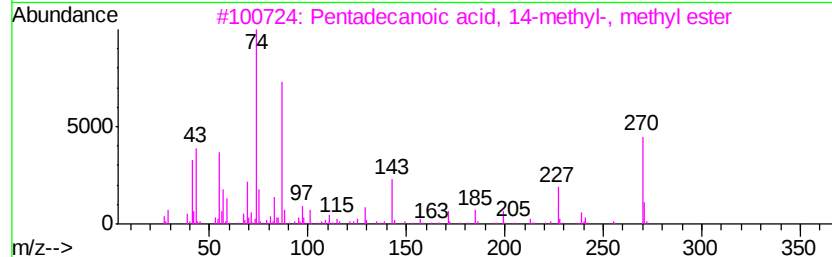
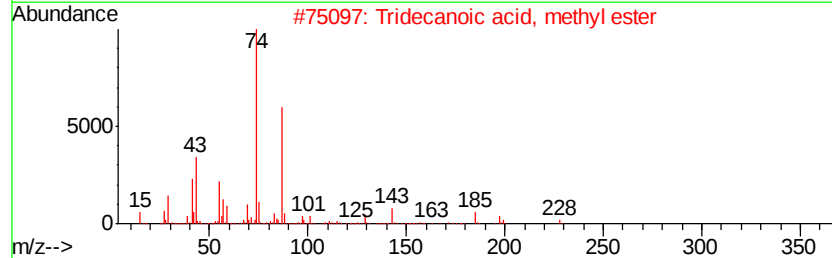
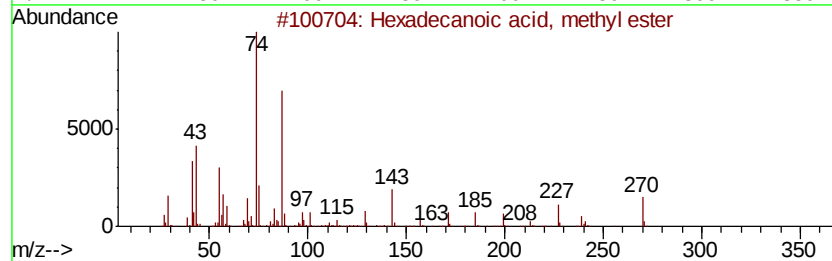
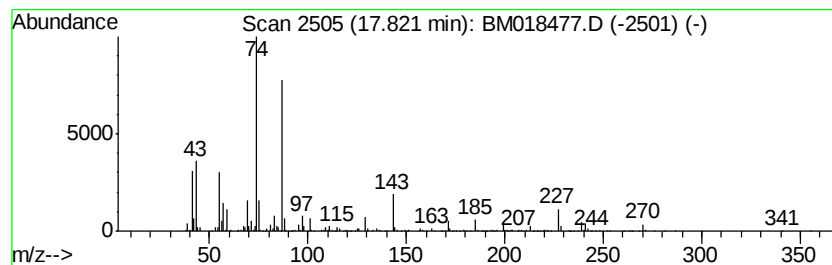
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Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.81 ng	976658	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



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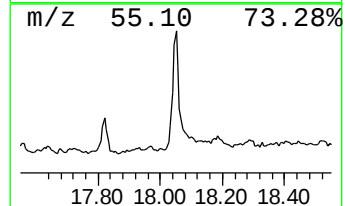
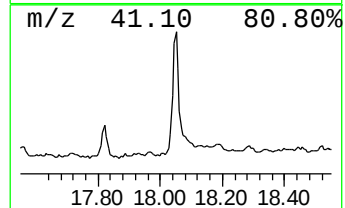
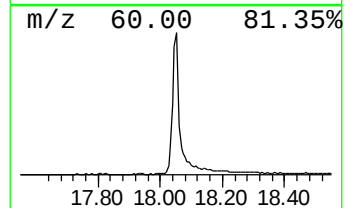
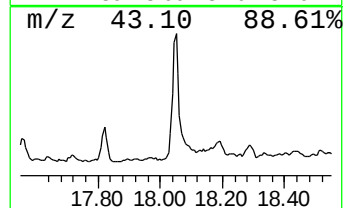
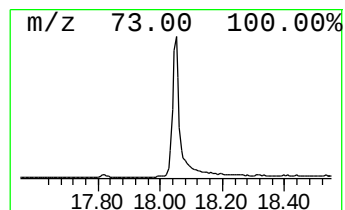
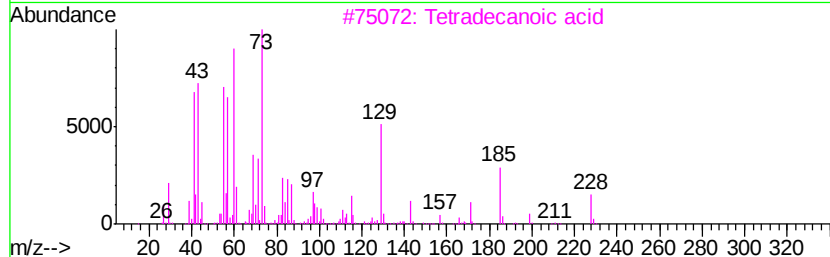
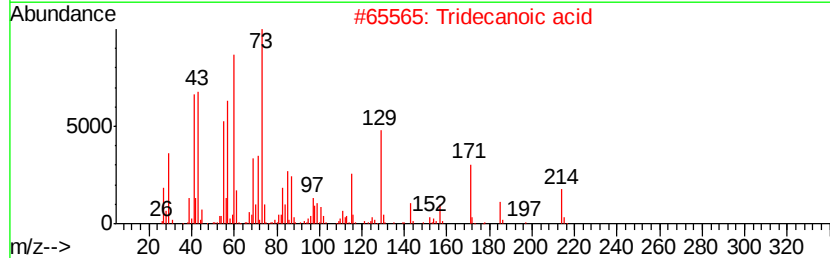
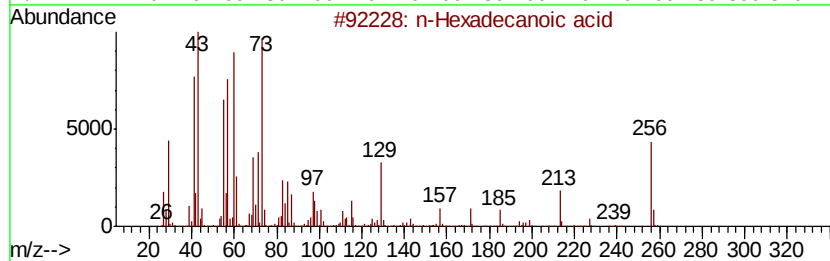
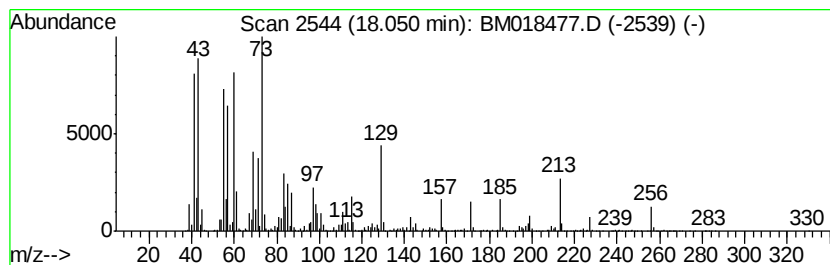
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	13.16 ng	4573340	Phenanthrene-d10	17.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70	
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	59	



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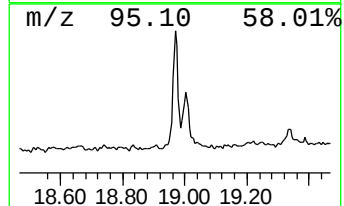
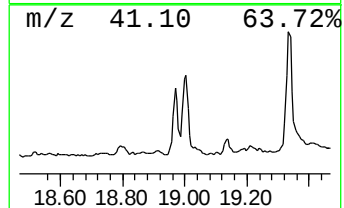
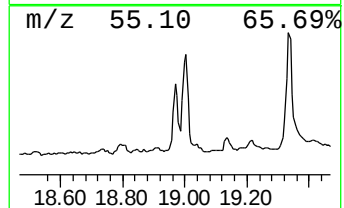
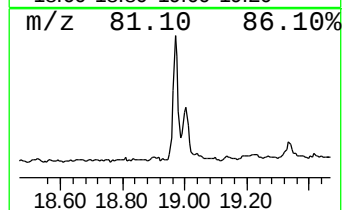
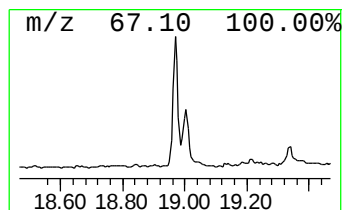
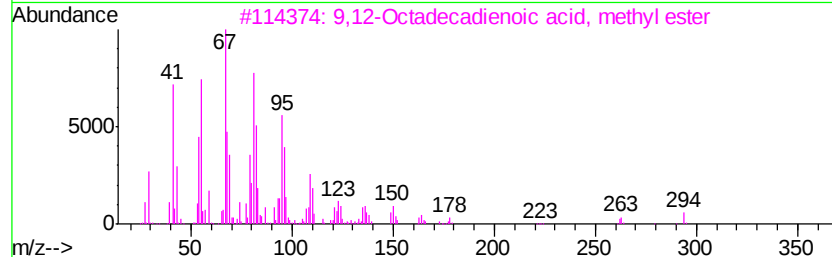
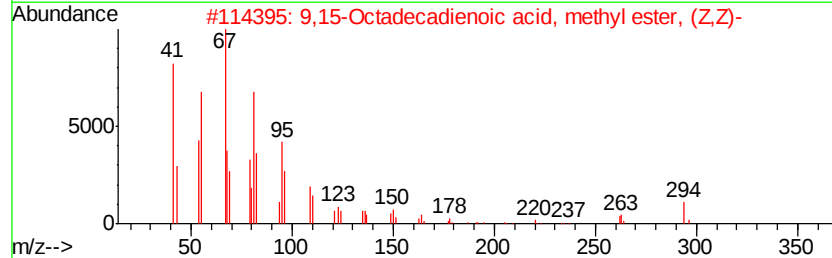
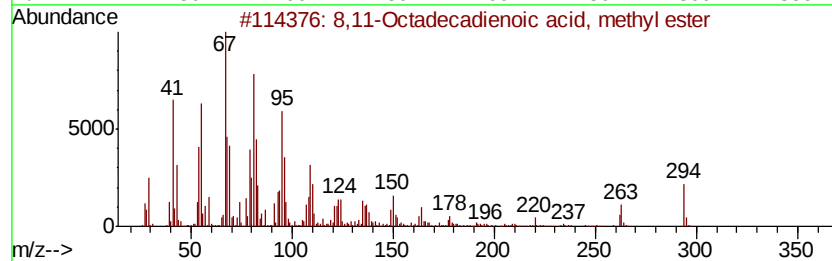
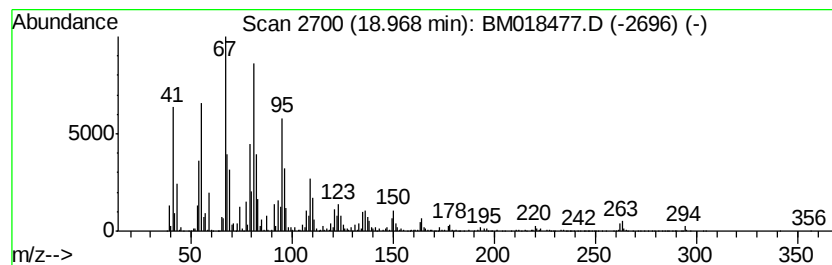
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 8,11-Octadecadienoic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	8.06 ng	2800740	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018477.D
Acq On : 09 Jan 2019 17:41
Operator : JU/SJ
Sample : K1006-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-D

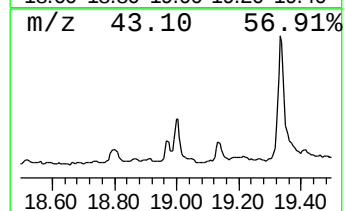
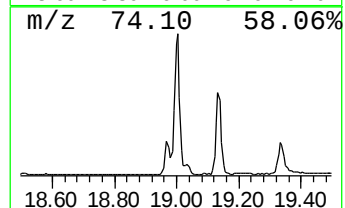
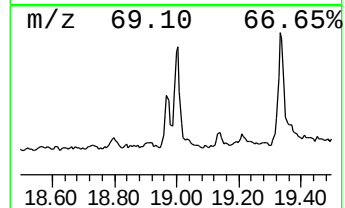
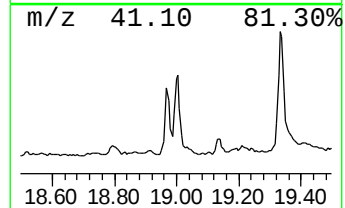
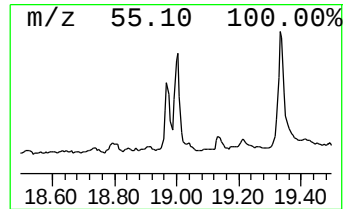
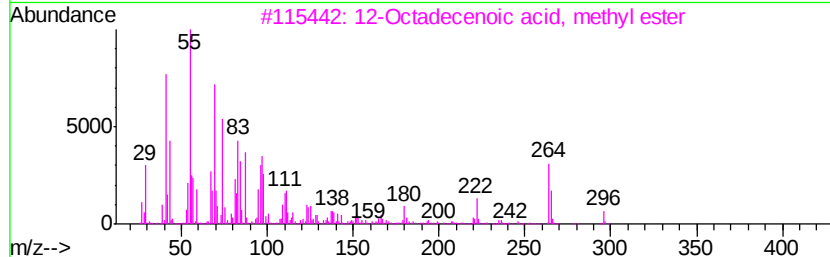
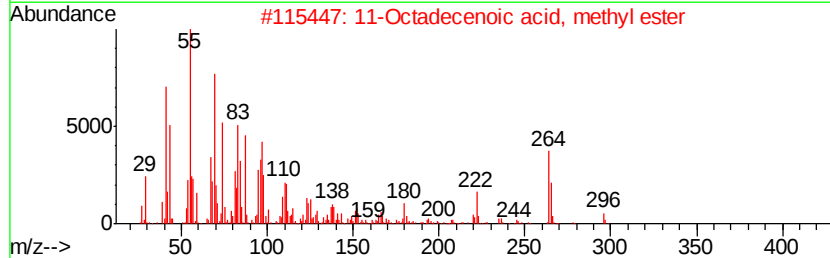
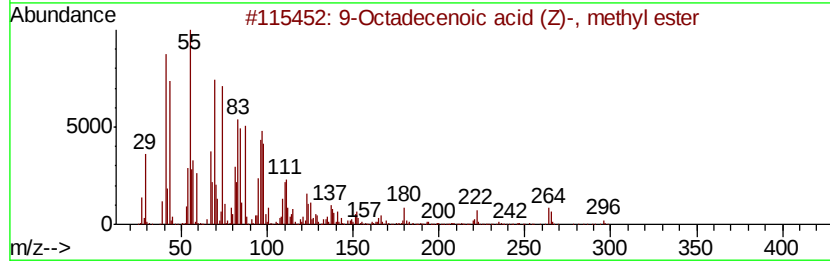
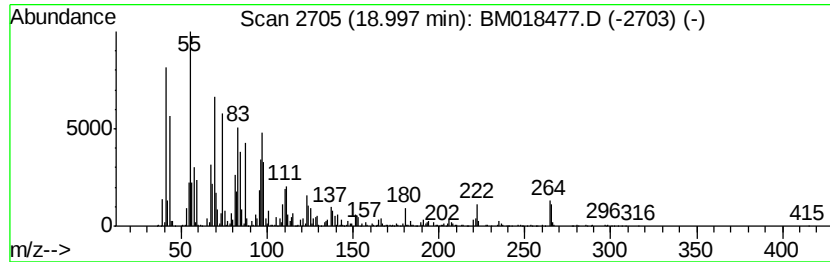
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	8.69 ng	3018860	Phenanthrene-d10	17.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
5		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018477.D
Acq On : 09 Jan 2019 17:41
Operator : JU/SJ
Sample : K1006-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-D

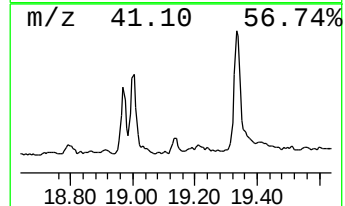
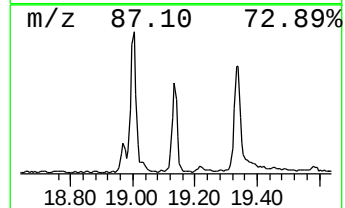
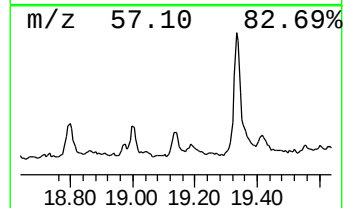
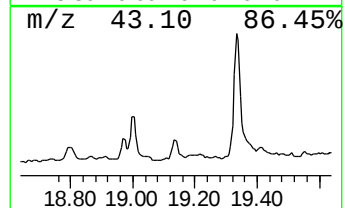
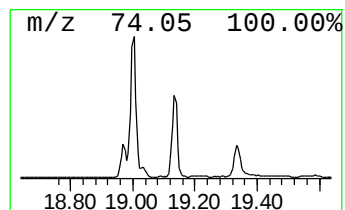
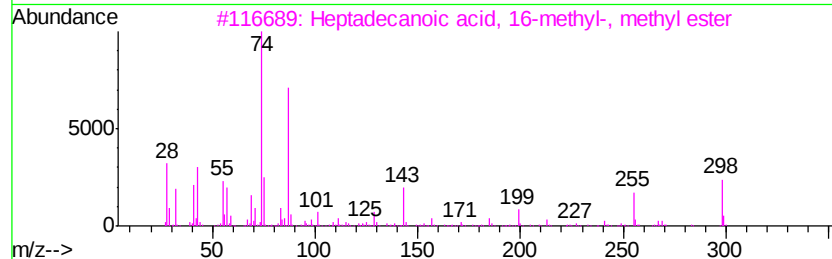
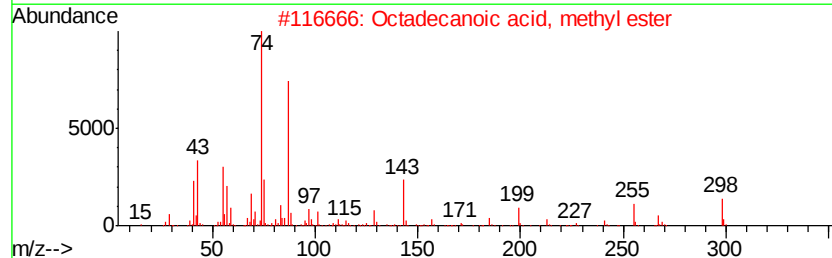
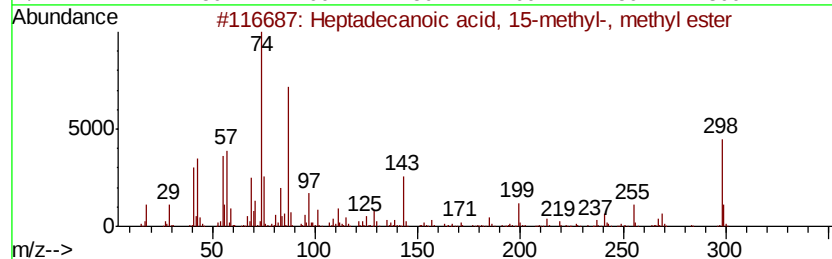
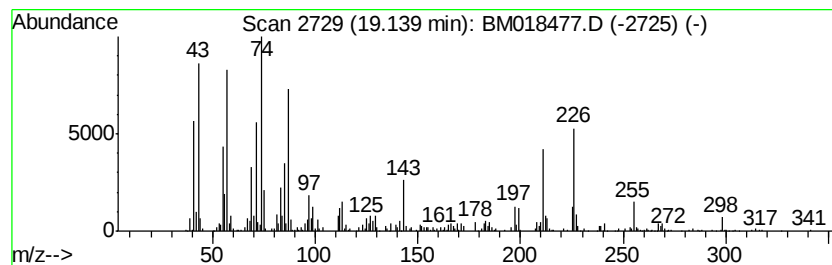
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecanoic acid, 15-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.60 ng	903195	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	89
2		Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	87
3		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	70
4		Heptadecanoic acid, 10-methyl-, ...	298	C19H38O2	002490-25-7	55
5		Heptadecanoic acid, 14-methyl-, ...	298	C19H38O2	057274-45-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018477.D
Acq On : 09 Jan 2019 17:41
Operator : JU/SJ
Sample : K1006-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-D

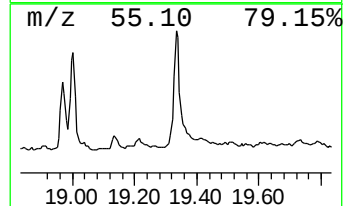
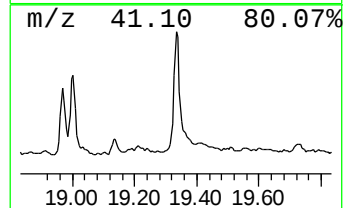
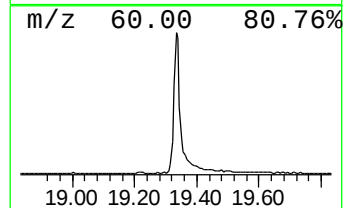
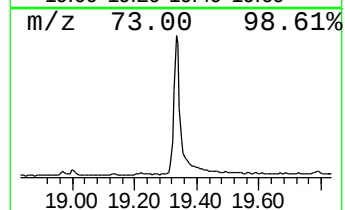
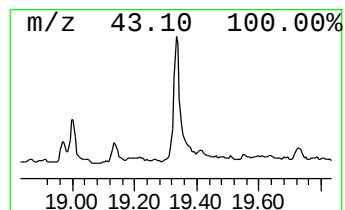
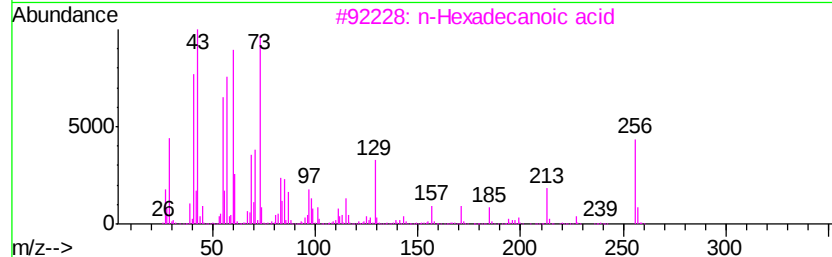
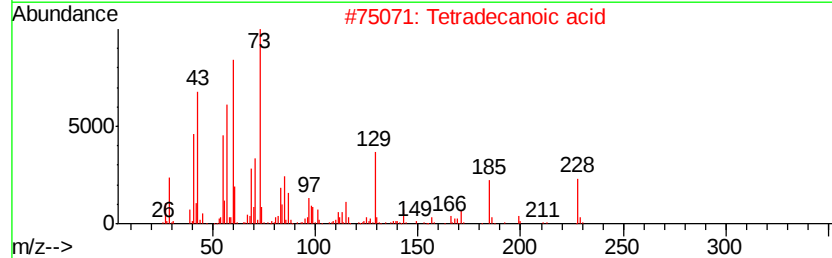
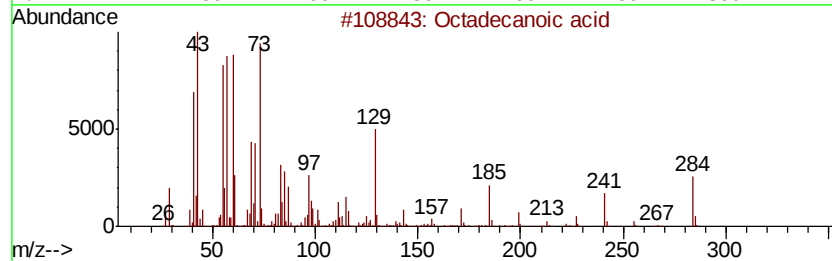
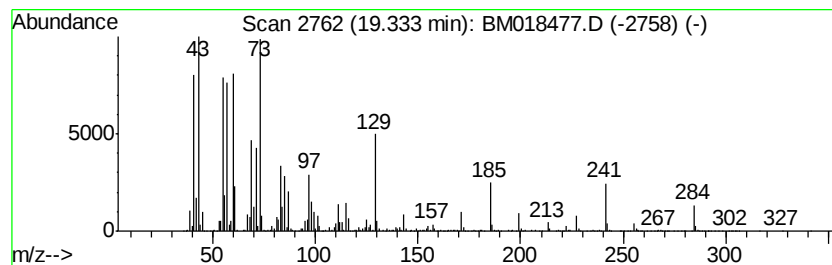
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	16.90 ng	5712900	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	46
5		n-Decanoic acid	172	C10H20O2	000334-48-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018477.D
Acq On : 09 Jan 2019 17:41
Operator : JU/SJ
Sample : K1006-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-D

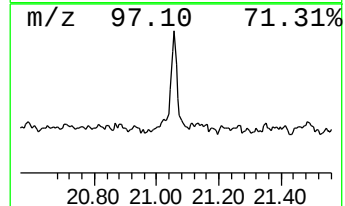
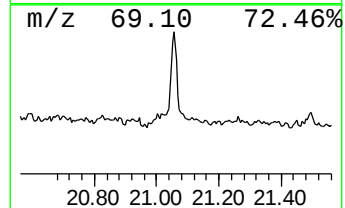
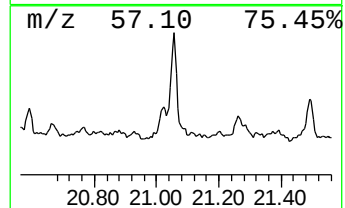
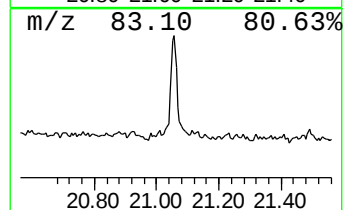
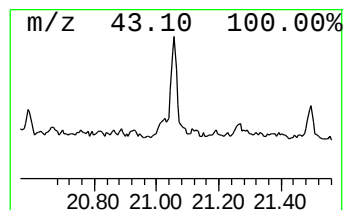
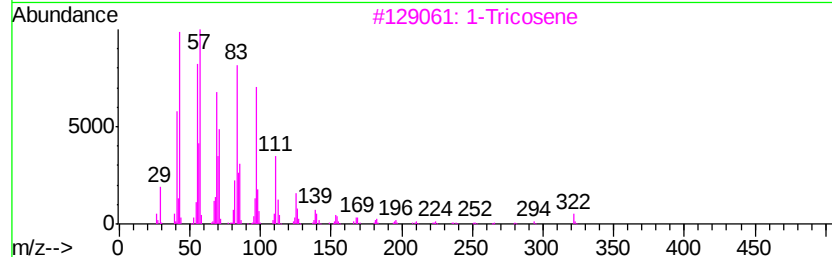
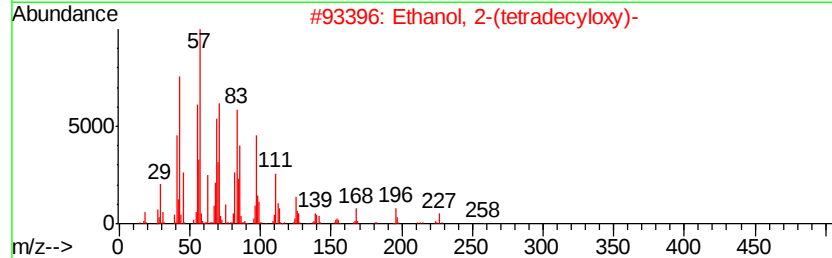
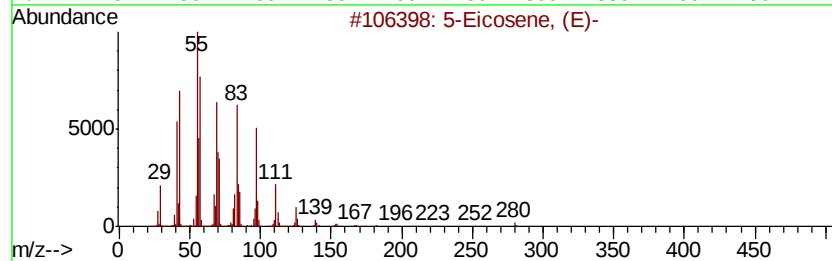
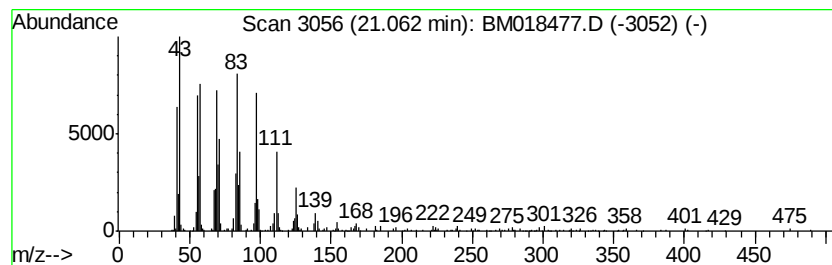
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	4.54 ng	1534250	Chrysene-d12	21.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
3			1-Tricosene	322	C23H46	018835-32-0	93
4			9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
5			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM010919\
 Data File : BM018477.D
 Acq On : 09 Jan 2019 17:41
 Operator : JU/SJ
 Sample : K1006-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.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
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Heptadecane, 2,6,...	16.13	2.3	ng	814151	4	17.16	6950330	20.0
Tetradecane	16.95	4.1	ng	1409810	4	17.16	6950330	20.0
Hexadecanoic acid...	17.82	2.8	ng	976658	4	17.16	6950330	20.0
n-Hexadecanoic acid	18.05	13.2	ng	4573340	4	17.16	6950330	20.0
8,11-Octadecadien...	18.97	8.1	ng	2800740	4	17.16	6950330	20.0
9-Octadecenoic ac...	19.00	8.7	ng	3018860	4	17.16	6950330	20.0
Heptadecanoic aci...	19.14	2.6	ng	903195	4	17.16	6950330	20.0
Octadecanoic acid	19.33	16.9	ng	5712900	5	21.36	6762380	20.0
5-Eicosene, (E)-	21.06	4.5	ng	1534250	5	21.36	6762380	20.0