

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015919.D
 Acq On : 12 Jul 2018 17:40
 Operator : SJ/JU
 Sample : J3931-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 070918-DBRI-E-U-B

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-BM070518.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	5.793	420	426	442	rBV	507206	832977	13.97%	3.045%
2	7.440	700	706	722	rBV	339686	622730	10.44%	2.276%
3	7.810	763	769	782	rBV	1056053	1723596	28.91%	6.300%
4	8.287	843	850	858	rBV	295186	502052	8.42%	1.835%
5	8.610	898	905	919	rVB	1388898	2235989	37.50%	8.173%
6	9.475	1045	1052	1065	rBV	1148345	1933058	32.42%	7.066%
7	11.116	1324	1331	1340	rBV	338238	588889	9.88%	2.153%
8	13.533	1735	1742	1756	rBV	2695810	3795342	63.66%	13.873%
9	13.769	1776	1782	1788	rBV	143627	222425	3.73%	0.813%
10	14.357	1877	1882	1891	rBV	204011	291961	4.90%	1.067%
11	14.910	1966	1976	1983	rBV2	493814	754444	12.65%	2.758%
12	16.163	2185	2189	2197	rVB	128240	154313	2.59%	0.564%
13	16.386	2221	2227	2239	rBV	1443013	2004128	33.61%	7.326%
14	17.633	2432	2439	2447	rBV2	571781	829573	13.91%	3.032%
15	18.468	2576	2581	2593	rBV	111520	165514	2.78%	0.605%
16	19.580	2766	2770	2773	rBV	48715	64321	1.08%	0.235%
17	19.721	2790	2794	2800	rBV	84305	111713	1.87%	0.408%
18	19.939	2827	2831	2834	rBV	61189	65969	1.11%	0.241%
19	19.980	2834	2838	2842	rVV	60221	65728	1.10%	0.240%
20	20.198	2869	2875	2881	rBV	5147483	5962197	100.00%	21.794%
21	20.462	2915	2920	2925	rBV	106601	134258	2.25%	0.491%
22	20.945	2998	3002	3006	rBV	174298	201985	3.39%	0.738%
23	21.403	3076	3080	3091	rBV	234230	312516	5.24%	1.142%
24	21.745	3133	3138	3144	rVB	724350	923591	15.49%	3.376%
25	21.839	3150	3154	3158	rBV	297569	330562	5.54%	1.208%
26	22.292	3227	3231	3235	rBV	281921	341878	5.73%	1.250%
27	22.780	3310	3314	3323	rVB	264817	367621	6.17%	1.344%
28	23.315	3400	3405	3410	rVB	233457	335670	5.63%	1.227%
29	23.915	3503	3507	3513	rVB	187291	302273	5.07%	1.105%
30	24.139	3538	3545	3554	rBV	451930	923687	15.49%	3.376%
31	24.609	3620	3625	3632	rVB2	129905	256314	4.30%	0.937%

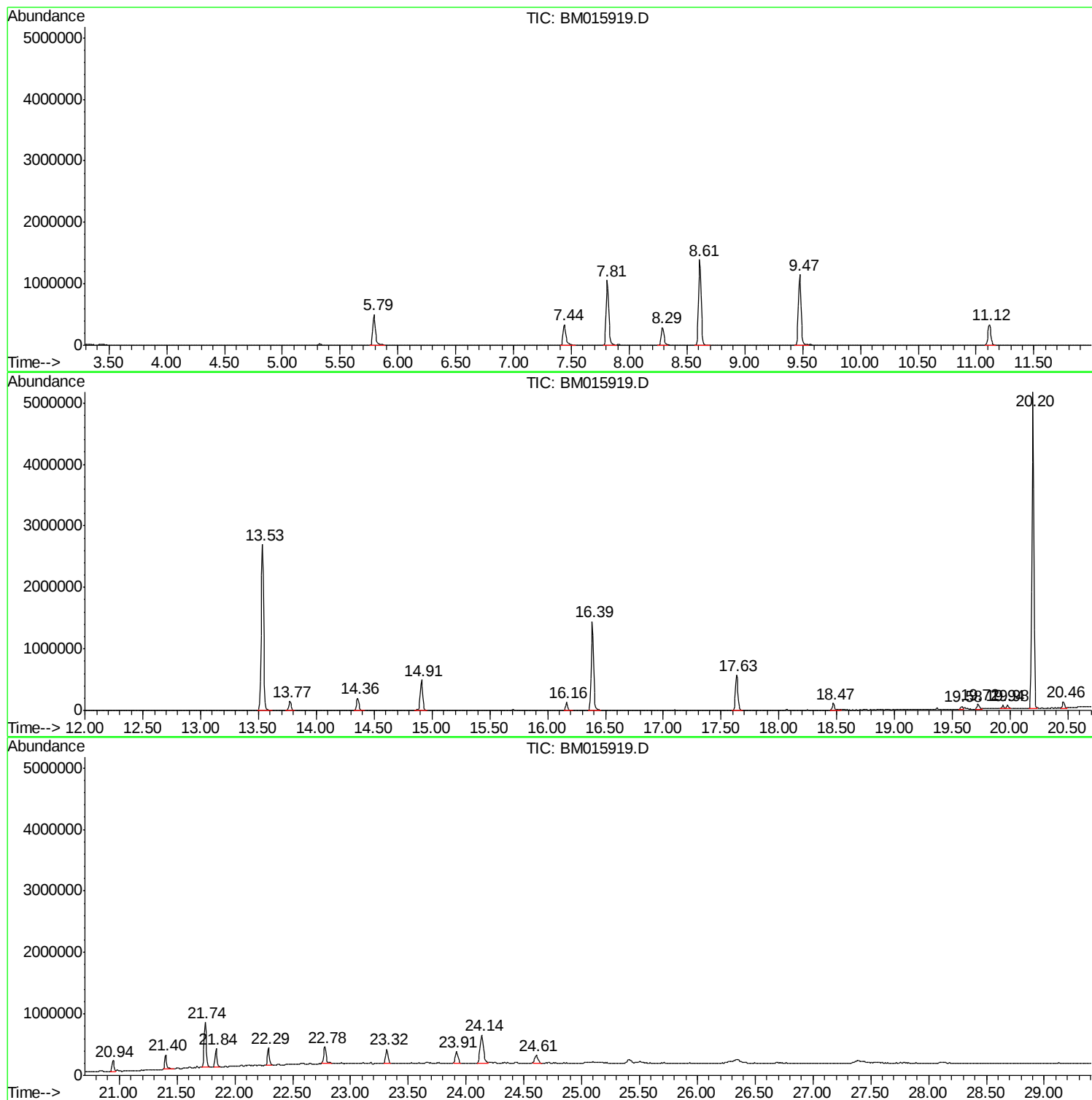
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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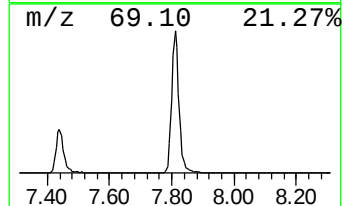
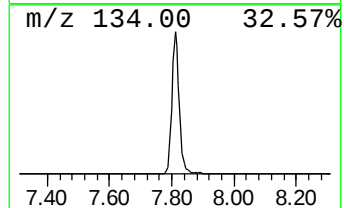
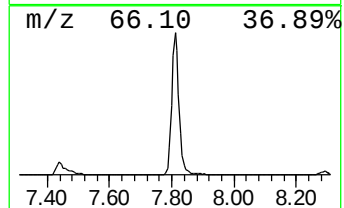
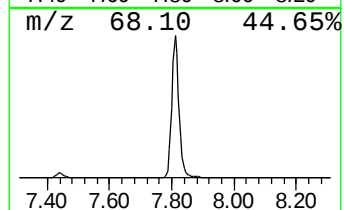
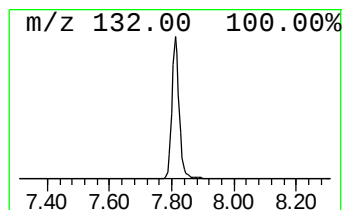
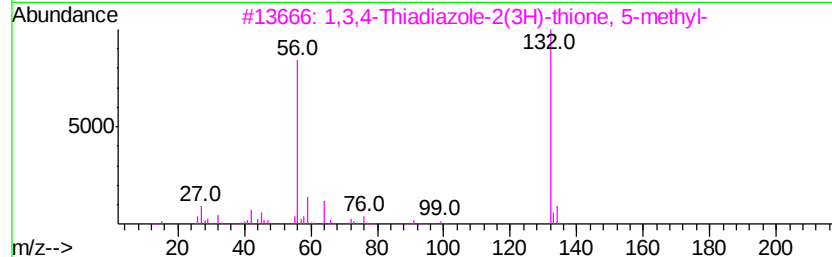
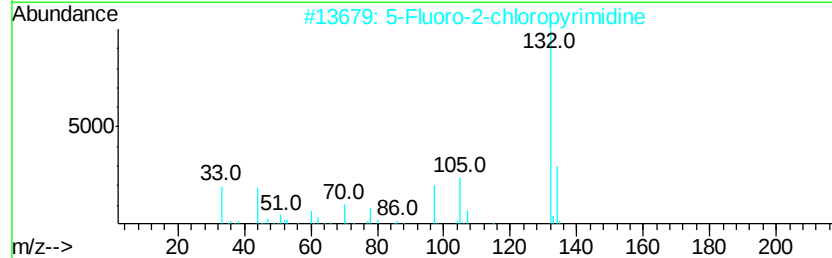
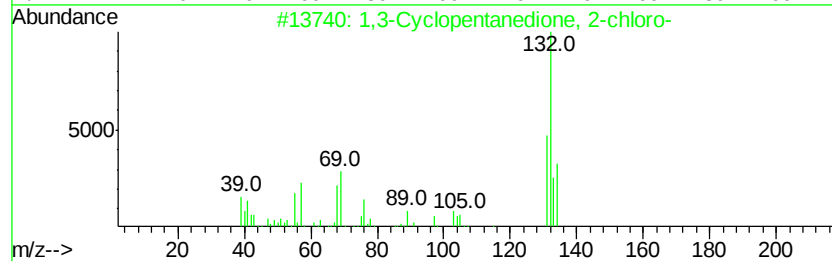
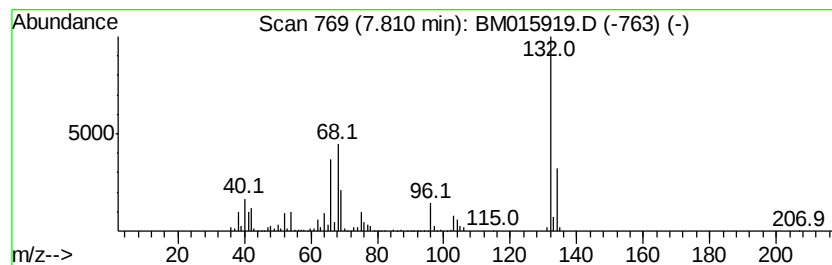
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.81 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	68.66 ng	1723600	1,4-Dichlorobenzene-d4	8.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3			1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
4			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22



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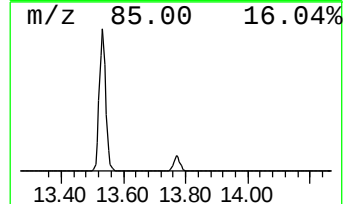
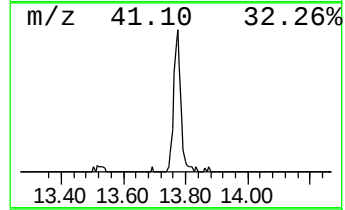
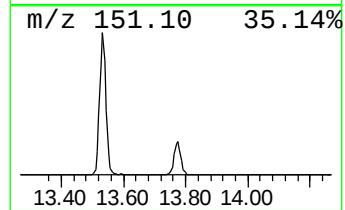
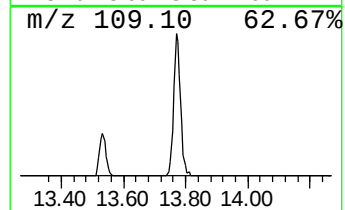
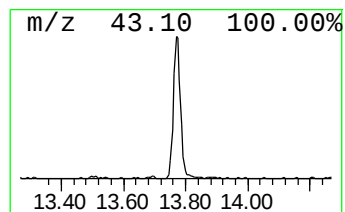
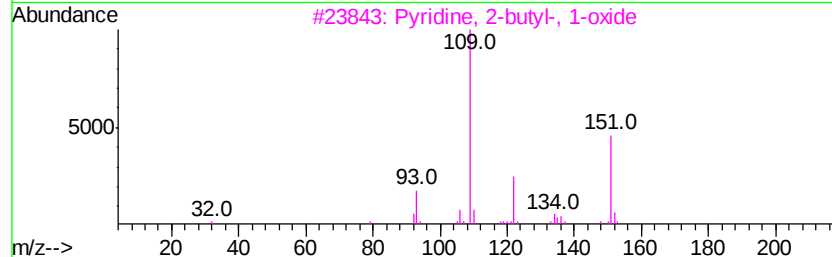
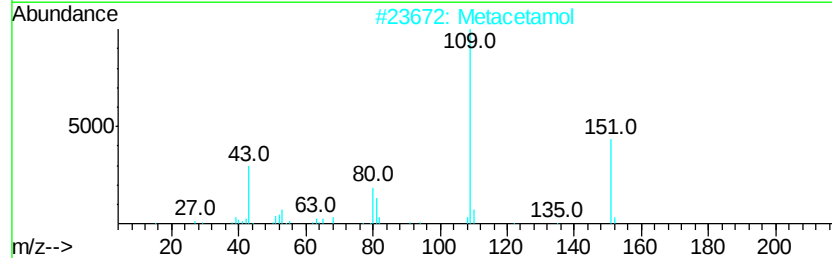
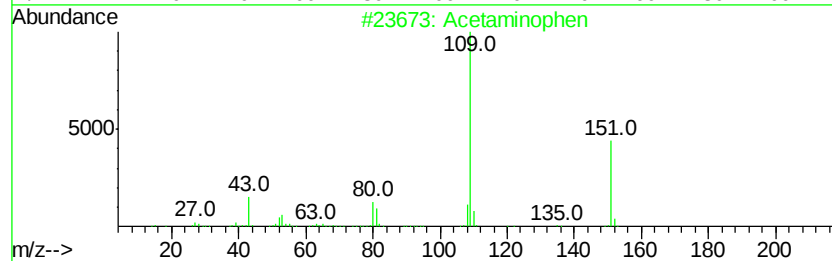
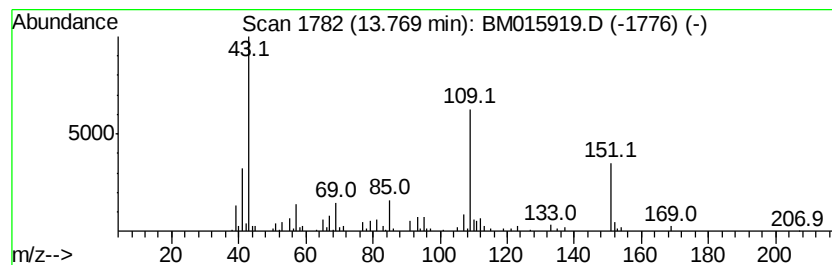
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Peak Number 3 unknown13.77 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.77	5.90 ng	222425	Acenaphthene-d10		14.91
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaminophen	151	C8H9NO2	000103-90-2	49
2	Metacetamol	151	C8H9NO2	000621-42-1	47
3	Pvridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	42
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	40
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	38



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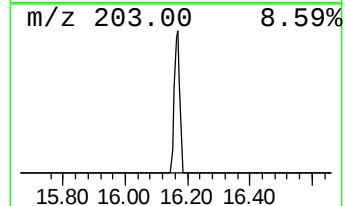
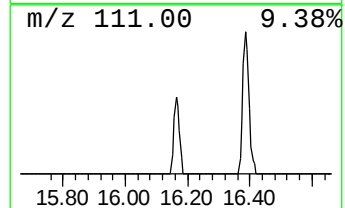
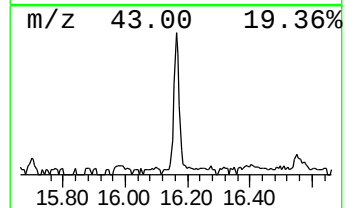
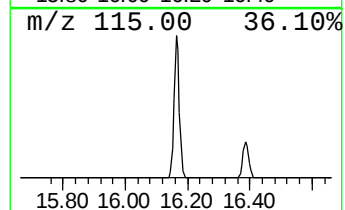
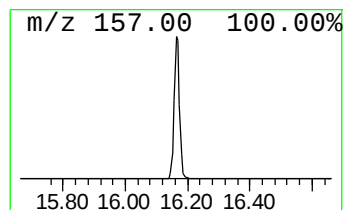
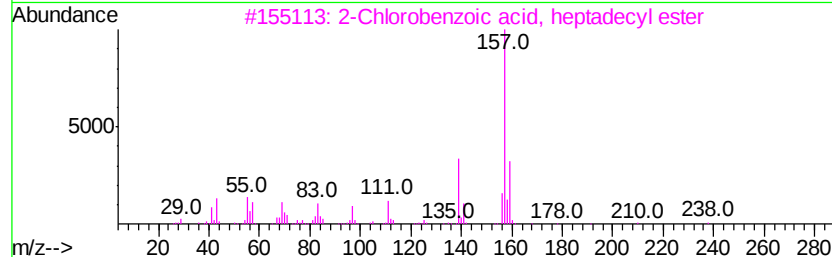
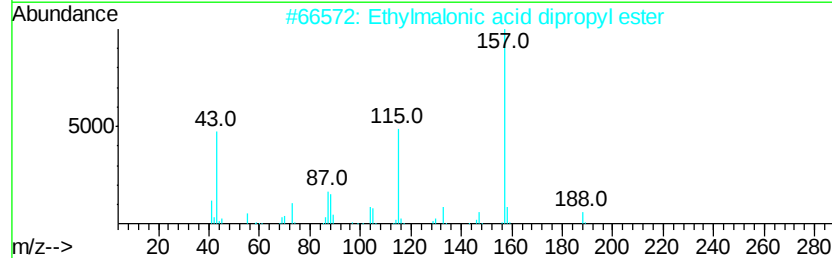
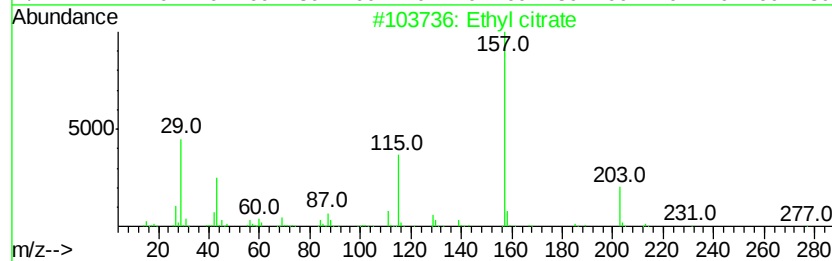
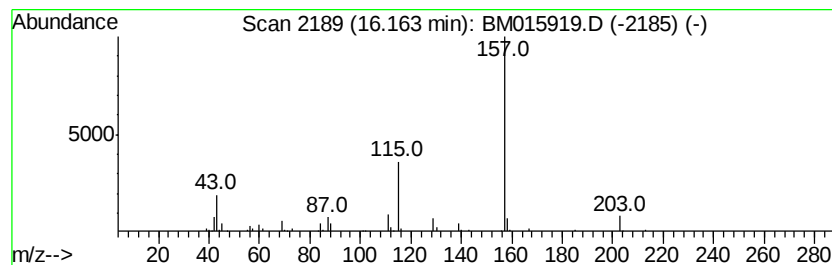
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethyl citrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	4.09 ng	154313	Acenaphthene-d10	14.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethyl citrate	276 C12H20O7	000077-93-0 90
2		Ethylmalonic acid dipropyl ester	216 C11H20O4	001113-91-3 64
3		2-Chlorobenzoic acid, heptadecyl...	394 C24H39ClO2	1000292-28-3 12
4		Phosphonic acid, [(methylsulfonyl...	230 C6H15O5PS	040137-11-9 10
5		1-Naphthalenamine, N-methyl-	157 C11H11N	002216-68-4 9



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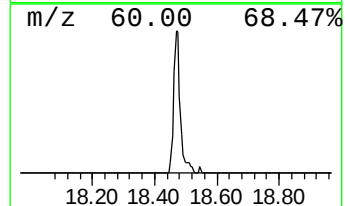
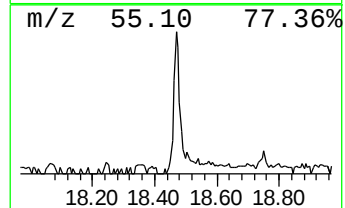
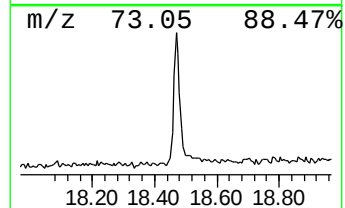
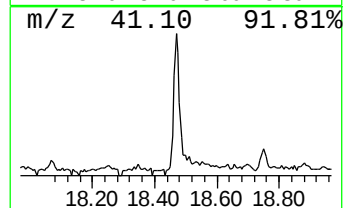
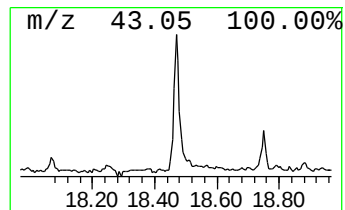
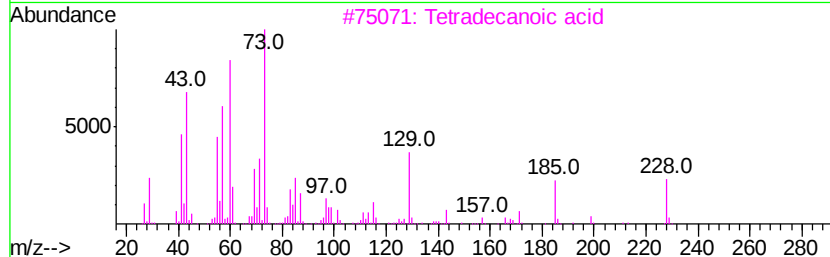
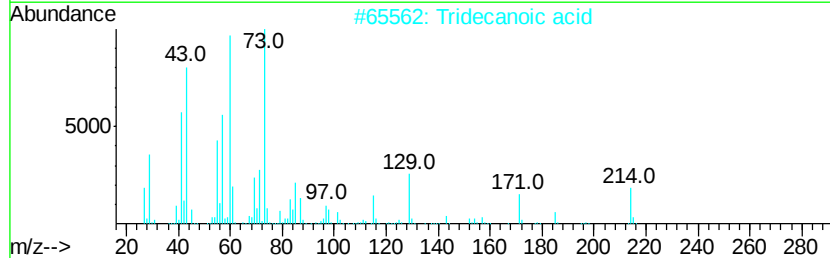
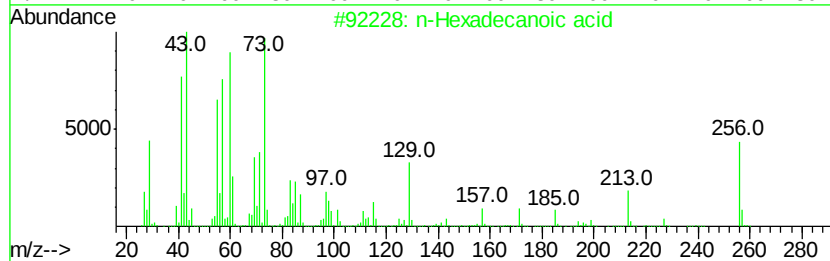
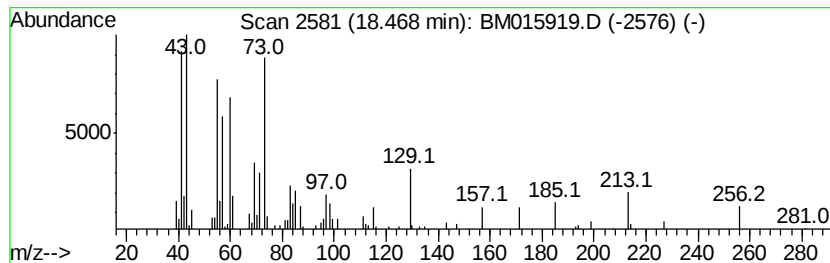
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	3.99 ng	165514	Phenanthrene-d10	17.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	70
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4		1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	50
5		n-Decanoic acid	172	C10H20O2	000334-48-5	38



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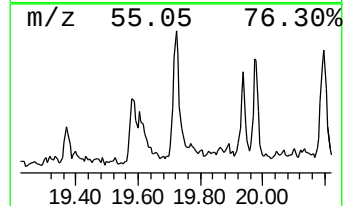
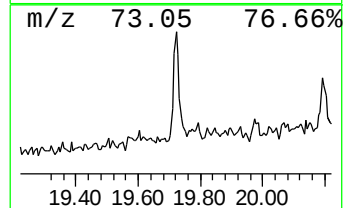
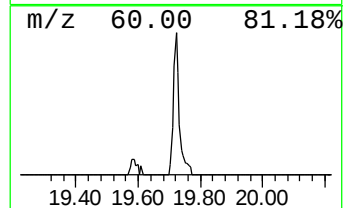
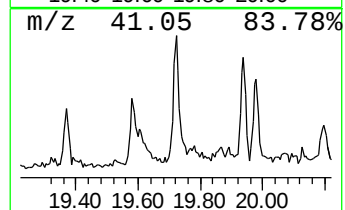
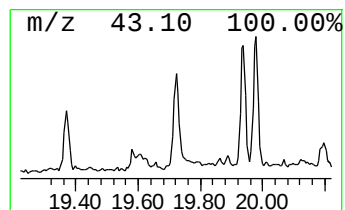
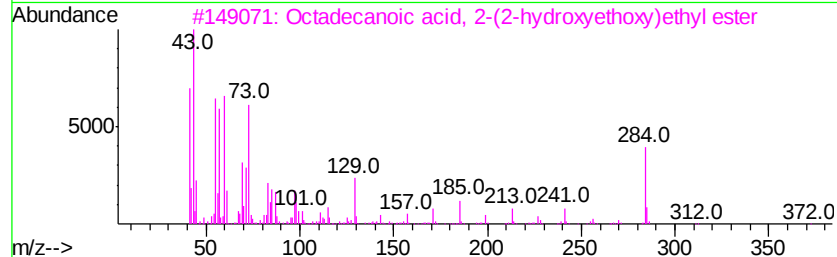
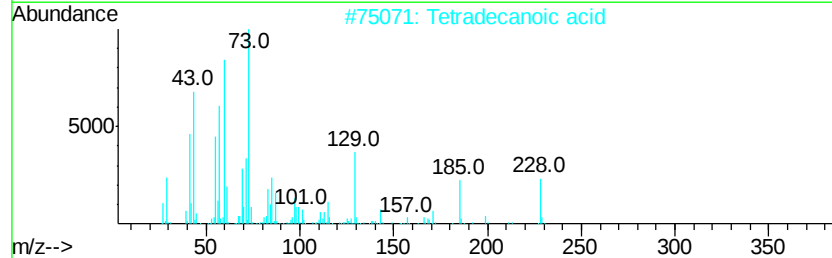
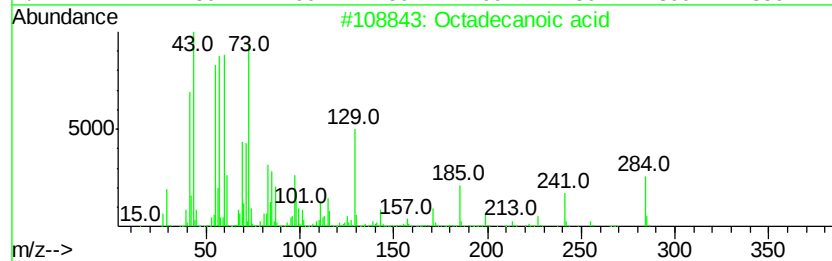
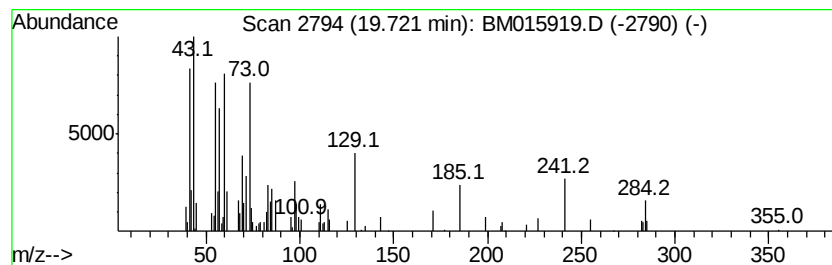
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.42 ng	111713	Chrysene-d12	21.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74	
3	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	58	
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50	



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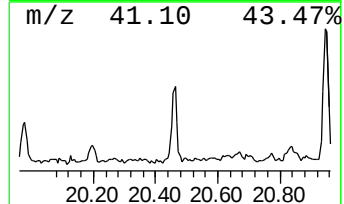
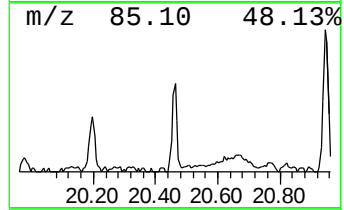
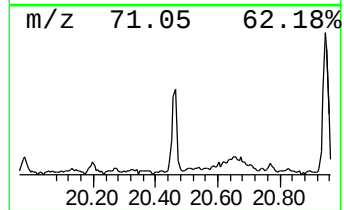
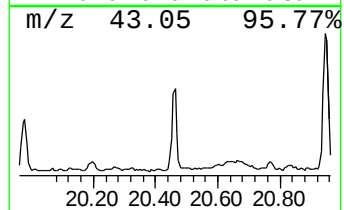
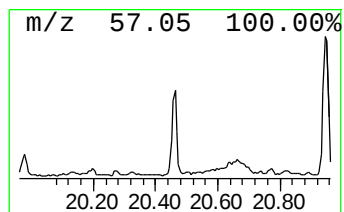
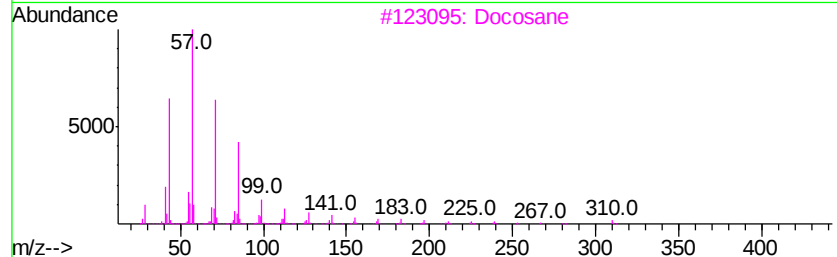
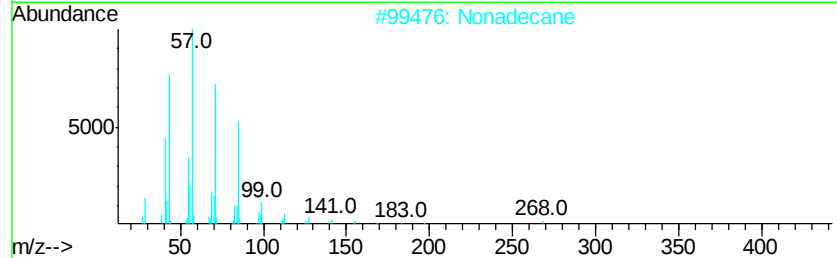
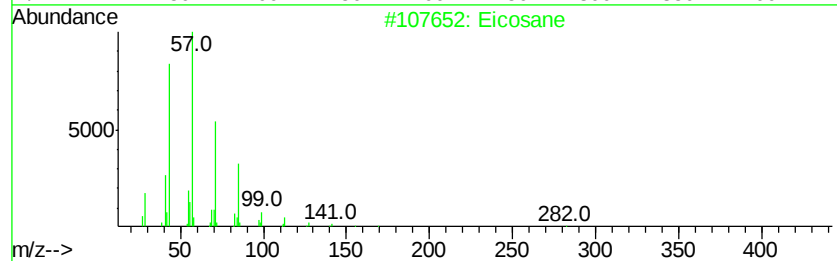
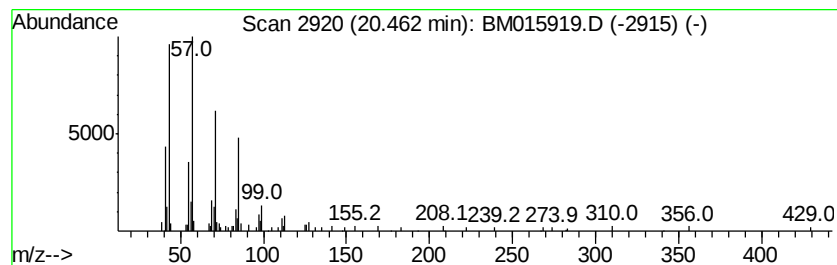
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	2.91 ng	134258	Chrysene-d12	21.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	98
2	Nonadecane		268	C19H40	000629-92-5	98
3	Docosane		310	C22H46	000629-97-0	93
4	Octacosane		394	C28H58	000630-02-4	87
5	Eicosane, 10-methyl-		296	C21H44	054833-23-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015919.D
Acq On : 12 Jul 2018 17:40
Operator : SJ/JU
Sample : J3931-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
070918-DBRI-E-U-B

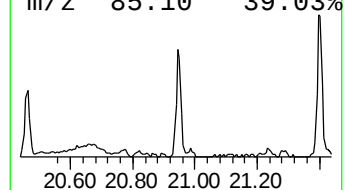
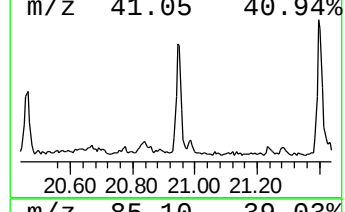
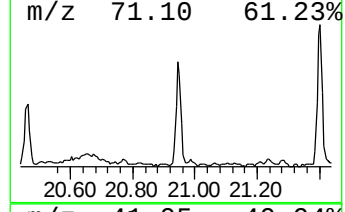
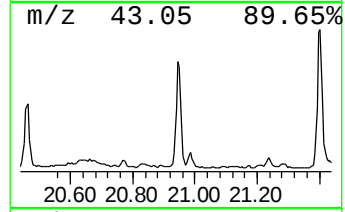
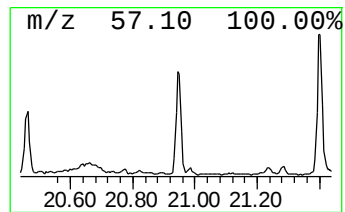
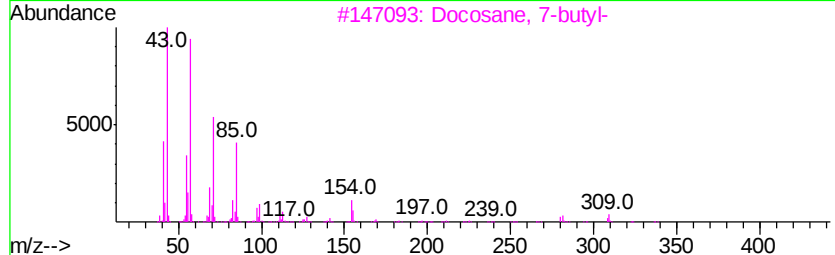
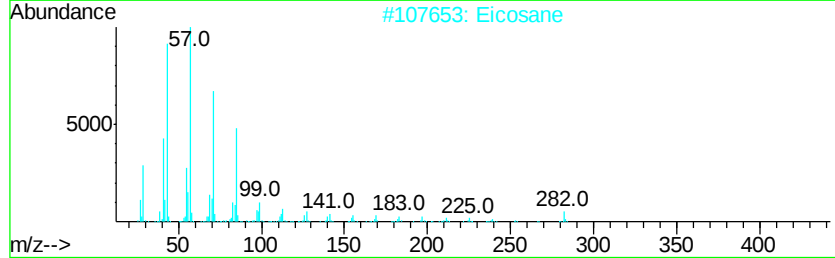
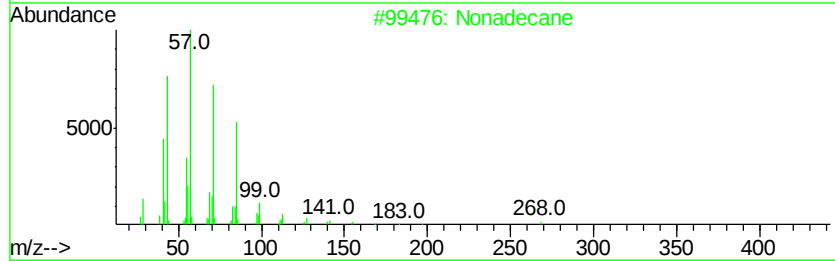
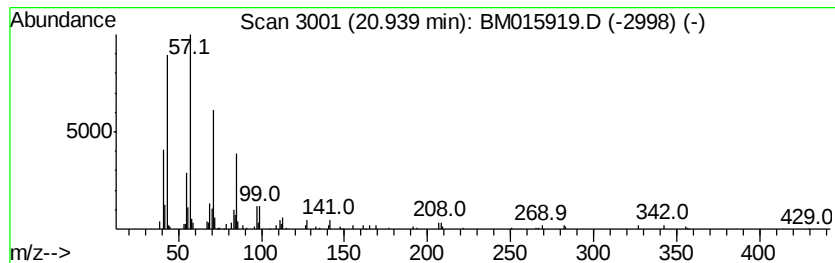
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.37 ng	201985	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Eicosane	282	C20H42	000112-95-8	90
3		Docosane, 7-butyl-	366	C26H54	055282-15-0	87
4		Eicosane, 9-octyl-	394	C28H58	013475-77-9	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015919.D
Acq On : 12 Jul 2018 17:40
Operator : SJ/JU
Sample : J3931-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

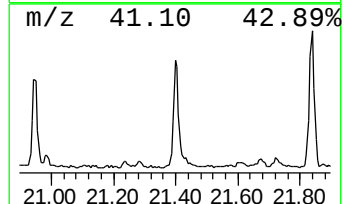
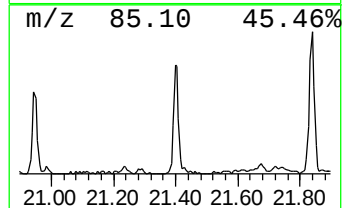
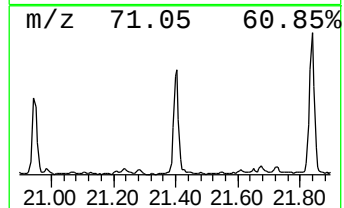
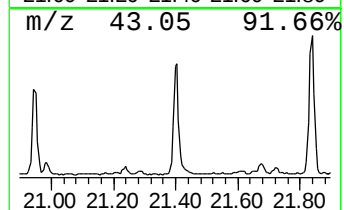
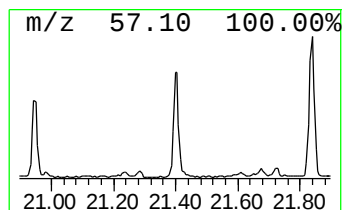
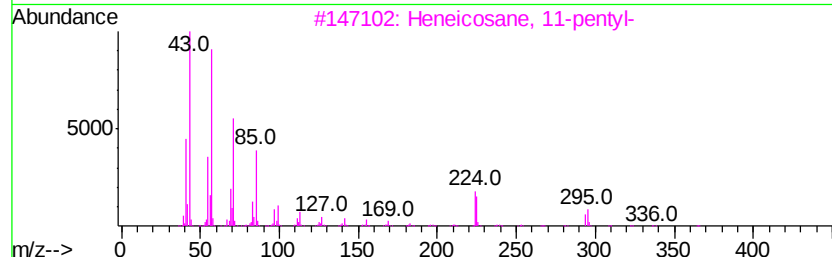
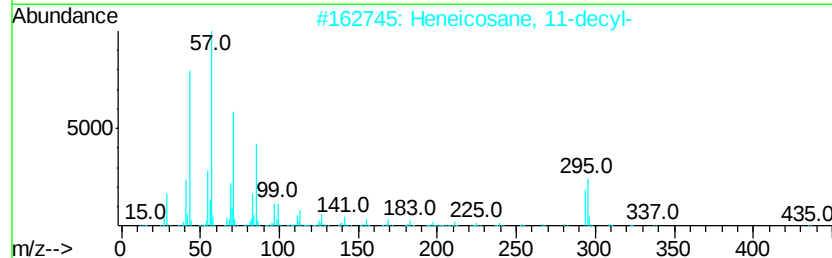
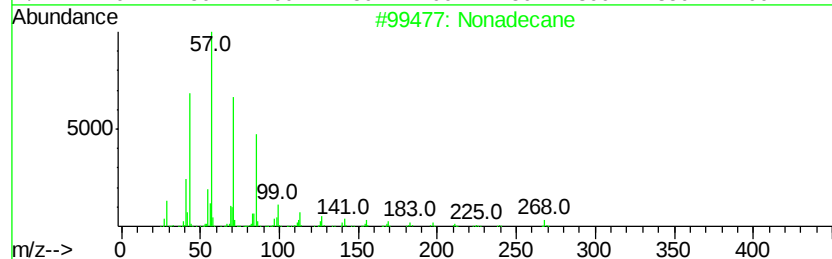
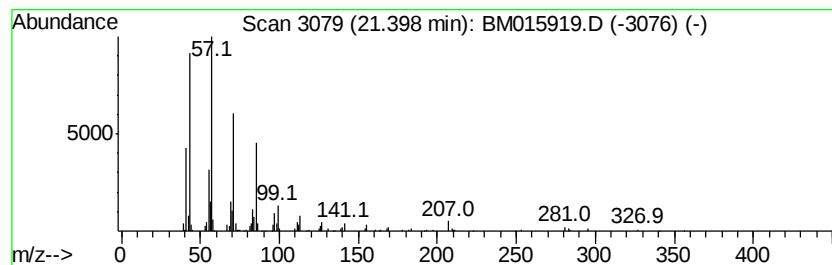
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane, 11-decyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.40	6.77 ng	312516	Chrysene-d12		21.74
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015919.D
Acq On : 12 Jul 2018 17:40
Operator : SJ/JU
Sample : J3931-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

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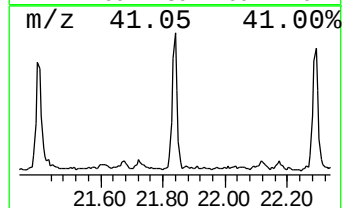
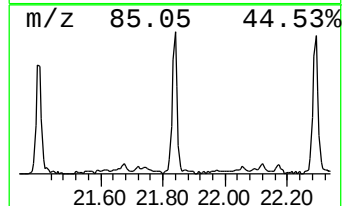
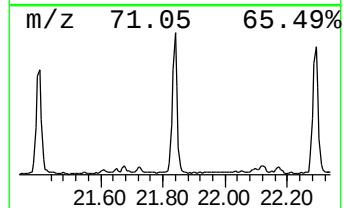
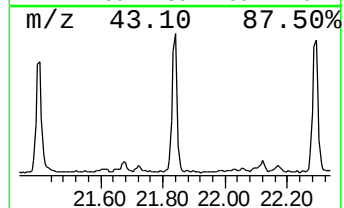
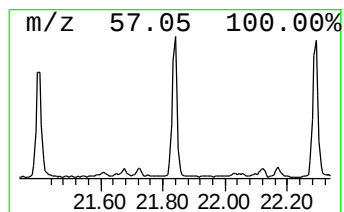
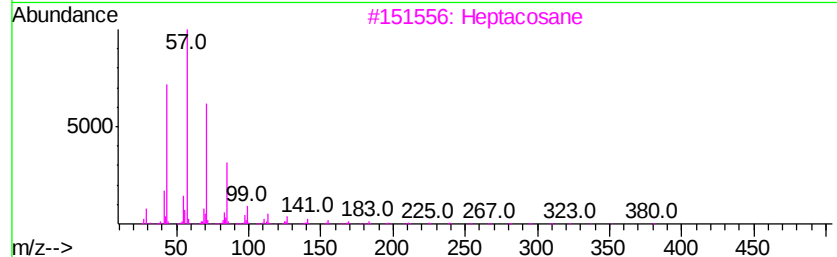
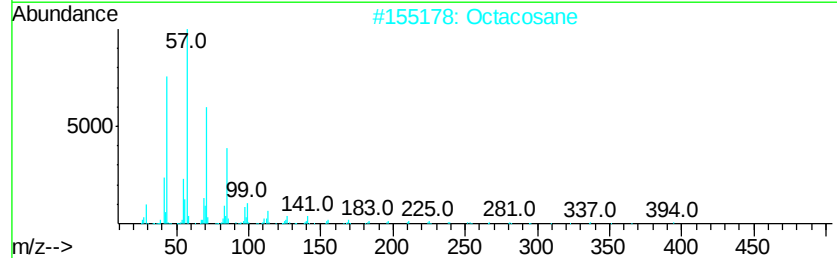
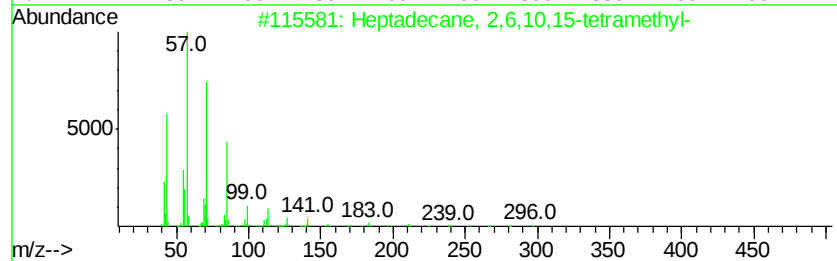
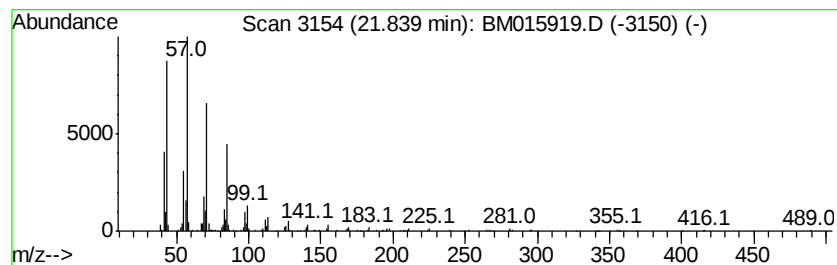
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	7.16 ng	330562	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015919.D
Acq On : 12 Jul 2018 17:40
Operator : SJ/JU
Sample : J3931-04
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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070918-DBRI-E-U-B

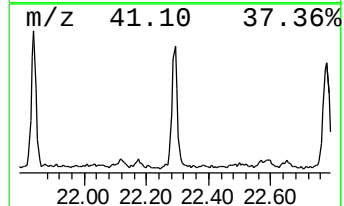
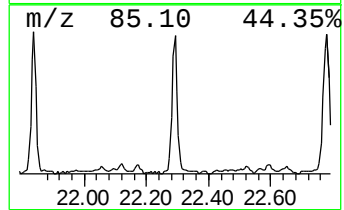
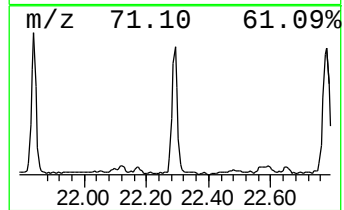
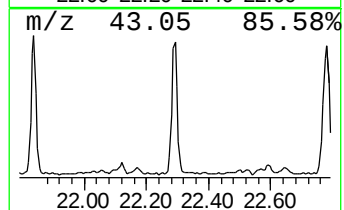
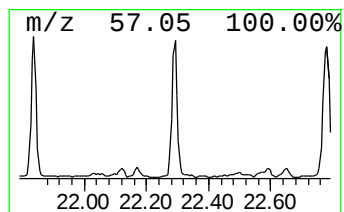
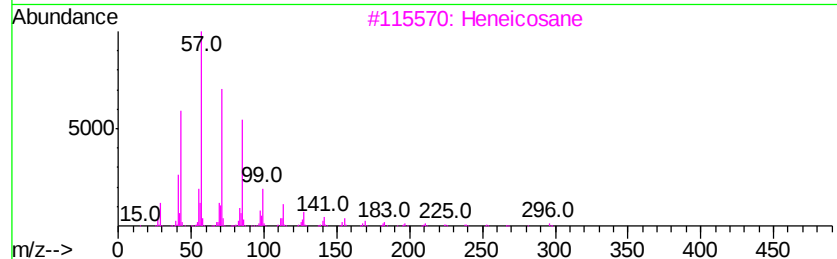
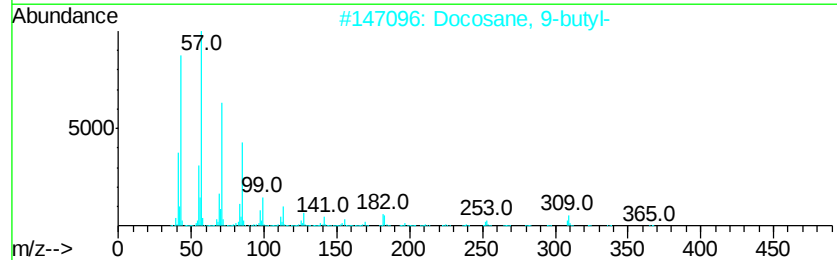
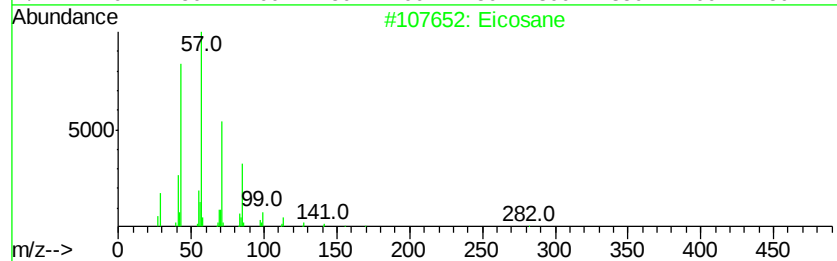
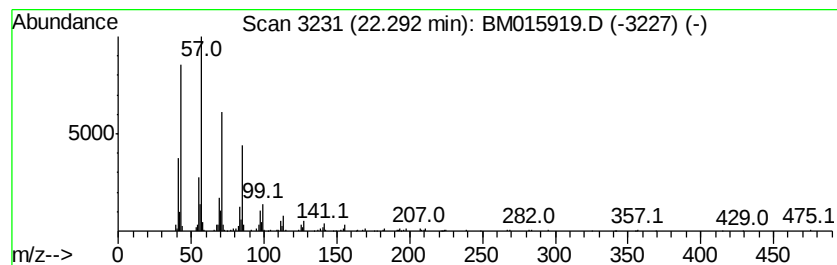
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Docosane, 9-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	7.40 ng	341878	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015919.D
Acq On : 12 Jul 2018 17:40
Operator : SJ/JU
Sample : J3931-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
070918-DBRI-E-U-B

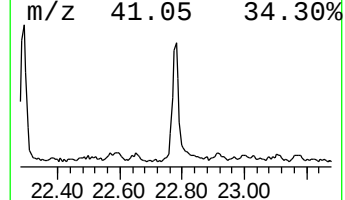
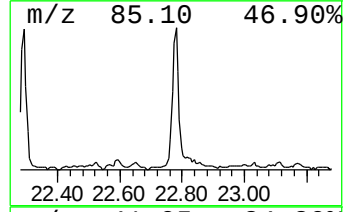
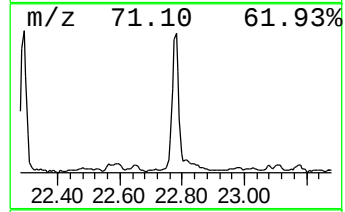
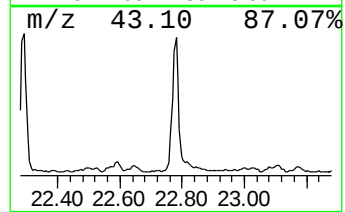
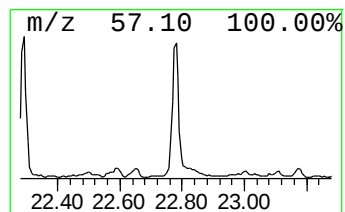
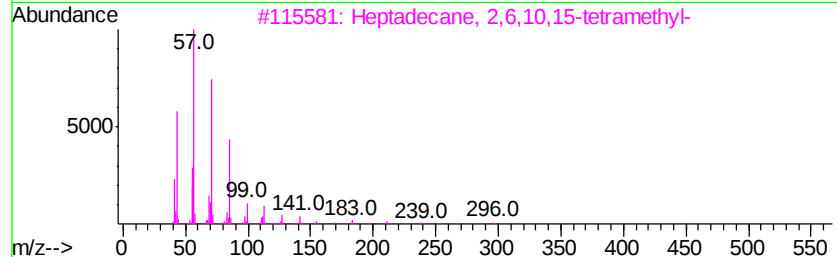
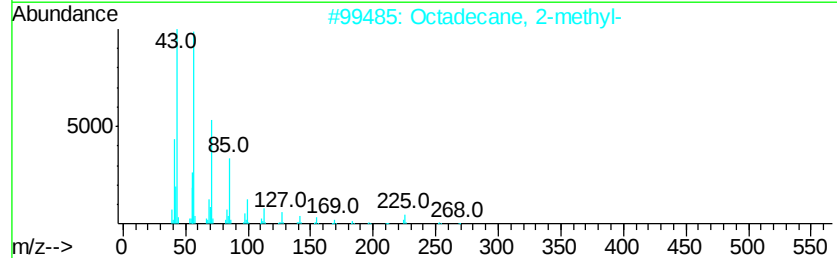
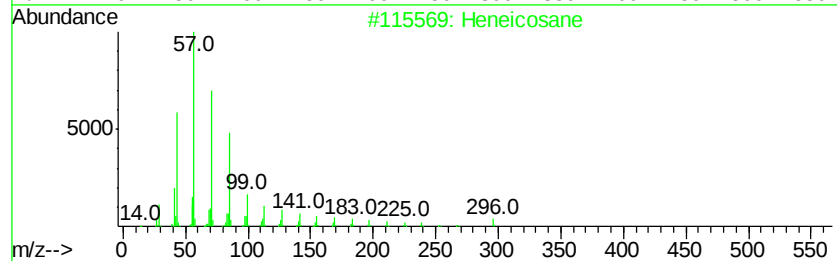
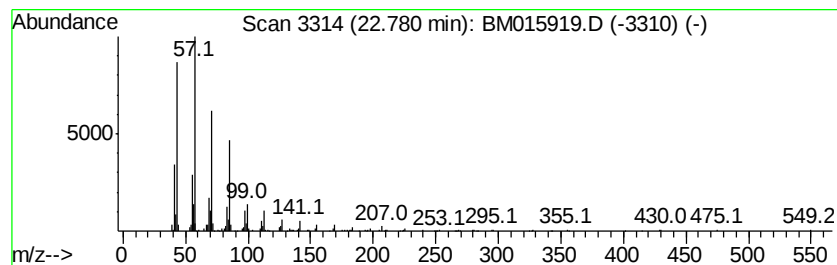
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	7.96 ng	367621	Chrysene-d12	21.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4			Octacosane	394	C28H58	000630-02-4	90
5			Tetratriacontane	479	C34H70	014167-59-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015919.D
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Operator : SJ/JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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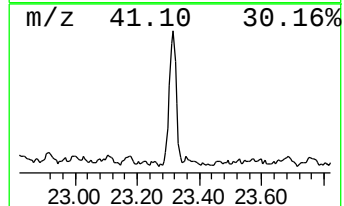
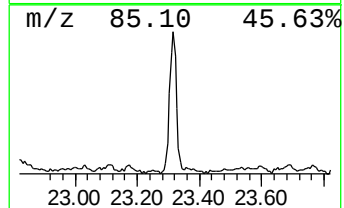
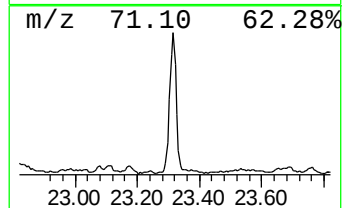
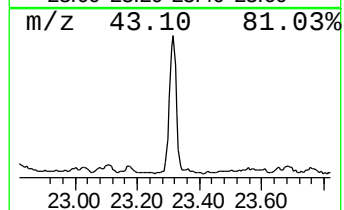
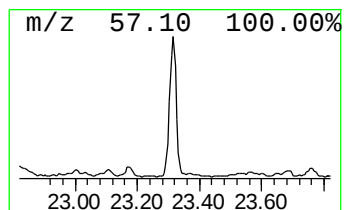
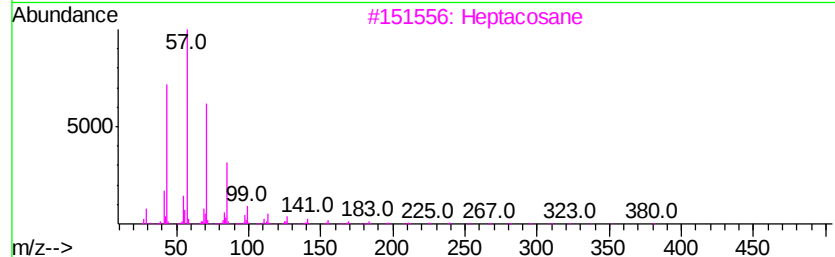
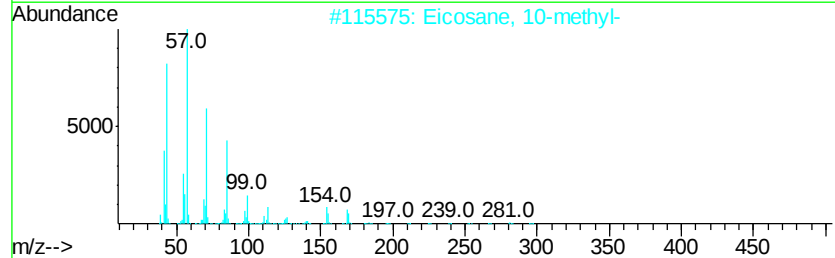
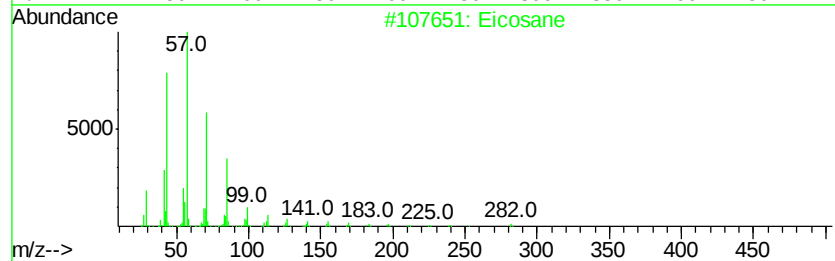
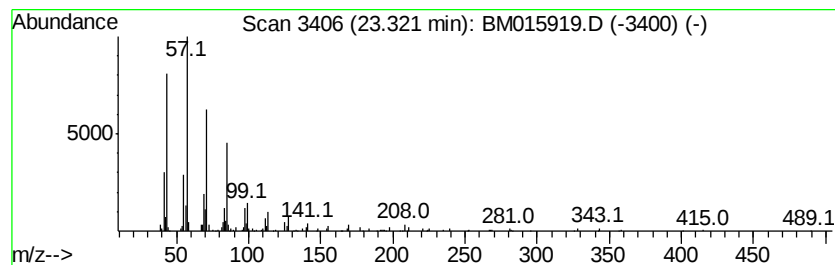
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	7.27 ng	335670	Perylene-d12	24.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015919.D
Acq On : 12 Jul 2018 17:40
Operator : SJ/JU
Sample : J3931-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
070918-DBRI-E-U-B

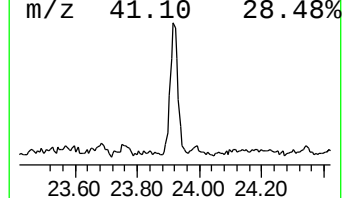
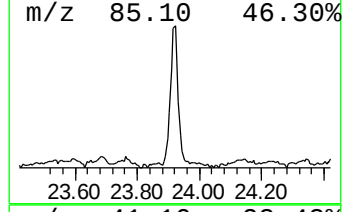
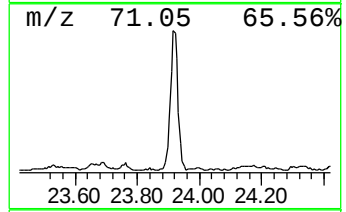
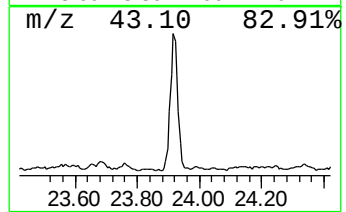
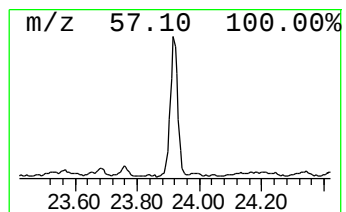
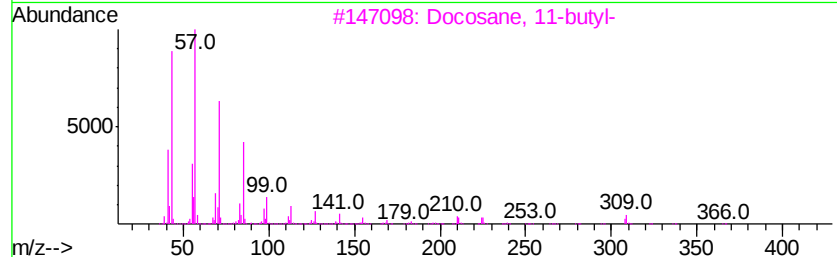
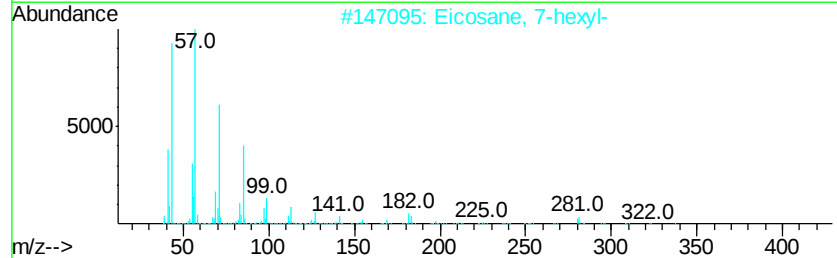
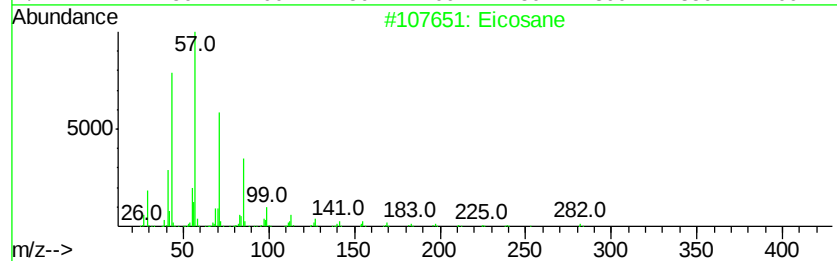
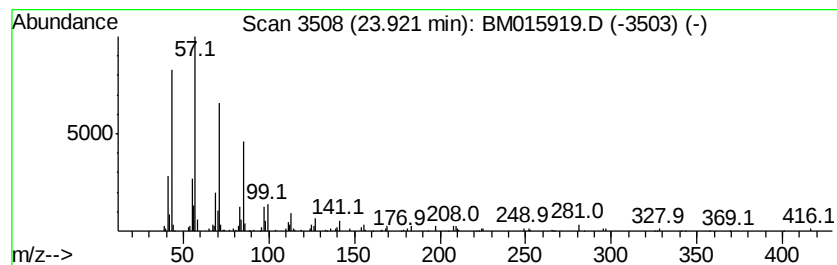
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane, 7-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	6.54 ng	302273	Perylene-d12	24.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015919.D
Acq On : 12 Jul 2018 17:40
Operator : SJ/JU
Sample : J3931-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
070918-DBRI-E-U-B

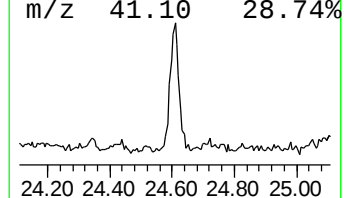
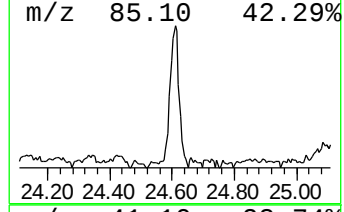
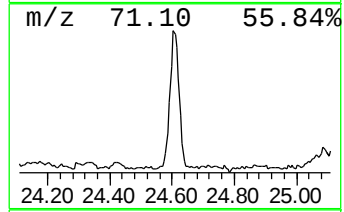
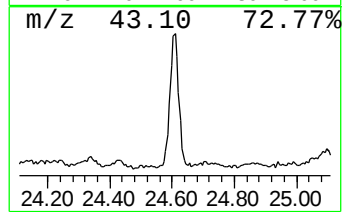
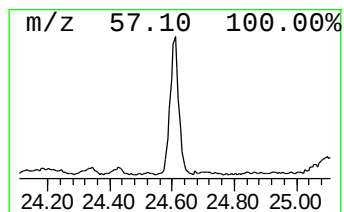
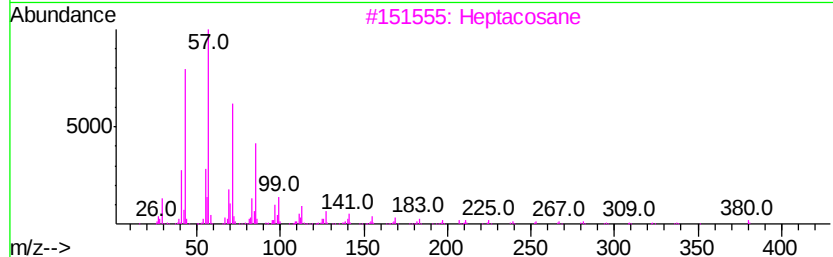
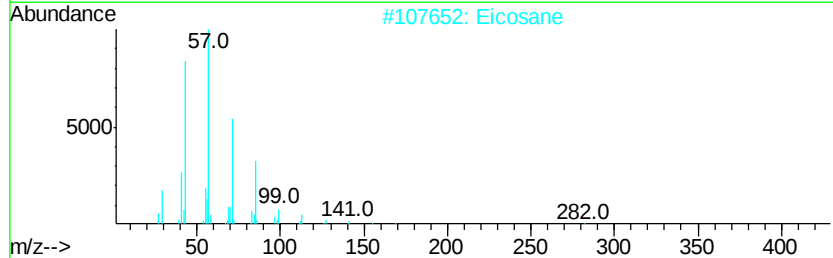
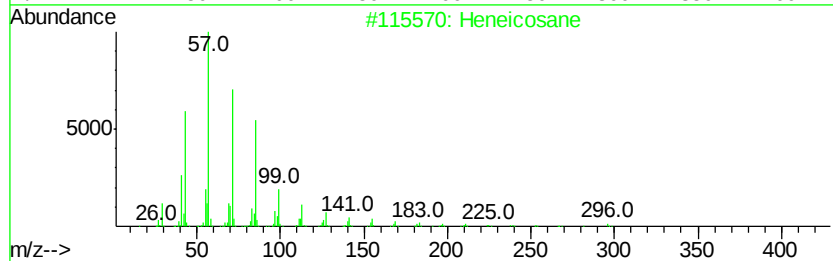
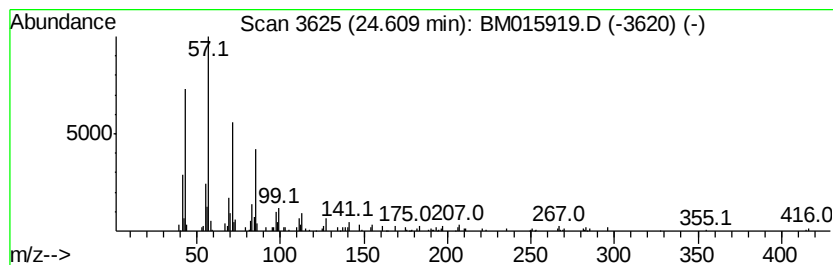
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	5.55 ng	256314	Perylene-d12	24.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Eicosane	282	C20H42	000112-95-8	92
3			Heptacosane	380	C27H56	000593-49-7	91
4			Tetracosane	338	C24H50	000646-31-1	90
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071218\
 Data File : BM015919.D
 Acq On : 12 Jul 2018 17:40
 Operator : SJ/JU
 Sample : J3931-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 070918-DBRI-E-U-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070518.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
unknown7.81	7.81	68.7	ng	1723600	1	8.29	502052	20.0
unknown13.77	13.77	5.9	ng	222425	3	14.91	754444	20.0
Ethyl citrate	16.16	4.1	ng	154313	3	14.91	754444	20.0
n-Hexadecanoic acid	18.47	4.0	ng	165514	4	17.63	829573	20.0
Octadecanoic acid	19.72	2.4	ng	111713	5	21.74	923591	20.0
Eicosane	20.46	2.9	ng	134258	5	21.74	923591	20.0
Nonadecane	20.94	4.4	ng	201985	5	21.74	923591	20.0
Heneicosane, 11-d...	21.40	6.8	ng	312516	5	21.74	923591	20.0
Heptadecane, 2,6,...	21.84	7.2	ng	330562	5	21.74	923591	20.0
Docosane, 9-butyl-	22.29	7.4	ng	341878	5	21.74	923591	20.0
Heneicosane	22.78	8.0	ng	367621	5	21.74	923591	20.0
Eicosane, 10-methyl-	23.32	7.3	ng	335670	6	24.13	923687	20.0
Eicosane, 7-hexyl-	23.92	6.5	ng	302273	6	24.13	923687	20.0
Heptacosane	24.61	5.5	ng	256314	6	24.13	923687	20.0