

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
 Data File : BM018819.D
 Acq On : 15 Feb 2019 16:30
 Operator : JU/SJ
 Sample : K1500-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G-021419

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-BM021119.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	4.857	297	301	315	rVB	315044	470133	1.85%	0.333%
2	5.304	370	377	394	rBV	7799265	11380683	44.87%	8.072%
3	6.887	638	646	666	rBV	7769576	12515943	49.35%	8.877%
4	7.245	698	707	717	rBV	8061825	12546753	49.47%	8.899%
5	7.704	778	785	793	rBV	1092730	1723859	6.80%	1.223%
6	8.022	832	839	849	rBV	5413181	8894930	35.07%	6.309%
7	8.875	976	984	1001	rBV	4397949	7349416	28.98%	5.212%
8	10.498	1252	1260	1278	rBV	1326694	2333098	9.20%	1.655%
9	12.974	1674	1681	1703	rBV	11425408	16658028	65.68%	11.814%
10	13.821	1819	1825	1840	rBV	411906	677276	2.67%	0.480%
11	14.357	1906	1916	1933	rBV2	2013717	3105655	12.25%	2.203%
12	15.857	2161	2171	2189	rBV	9514570	13880443	54.73%	9.844%
13	17.110	2378	2384	2394	rBV	2696770	3864475	15.24%	2.741%
14	17.998	2530	2535	2546	rBV	899868	1450173	5.72%	1.029%
15	19.286	2749	2754	2772	rBV	481326	854523	3.37%	0.606%
16	19.745	2826	2832	2837	rBV	21481098	25362001	100.00%	17.987%
17	21.003	3042	3046	3054	rBV	541512	698058	2.75%	0.495%
18	21.303	3092	3097	3106	rBV	3614902	4540812	17.90%	3.220%
19	21.439	3117	3120	3125	rVB	597628	604083	2.38%	0.428%
20	21.874	3190	3194	3201	rBV	952389	1084094	4.27%	0.769%
21	22.339	3269	3273	3279	rVB	1176336	1455442	5.74%	1.032%
22	22.844	3355	3359	3367	rVB	1105583	1607730	6.34%	1.140%
23	23.415	3451	3456	3462	rBV	1039233	1616703	6.37%	1.147%
24	23.562	3474	3481	3493	rVB2	2185673	4267001	16.82%	3.026%
25	24.068	3561	3567	3577	rVB	715430	1346577	5.31%	0.955%
26	24.821	3690	3695	3704	rVB	348250	710435	2.80%	0.504%

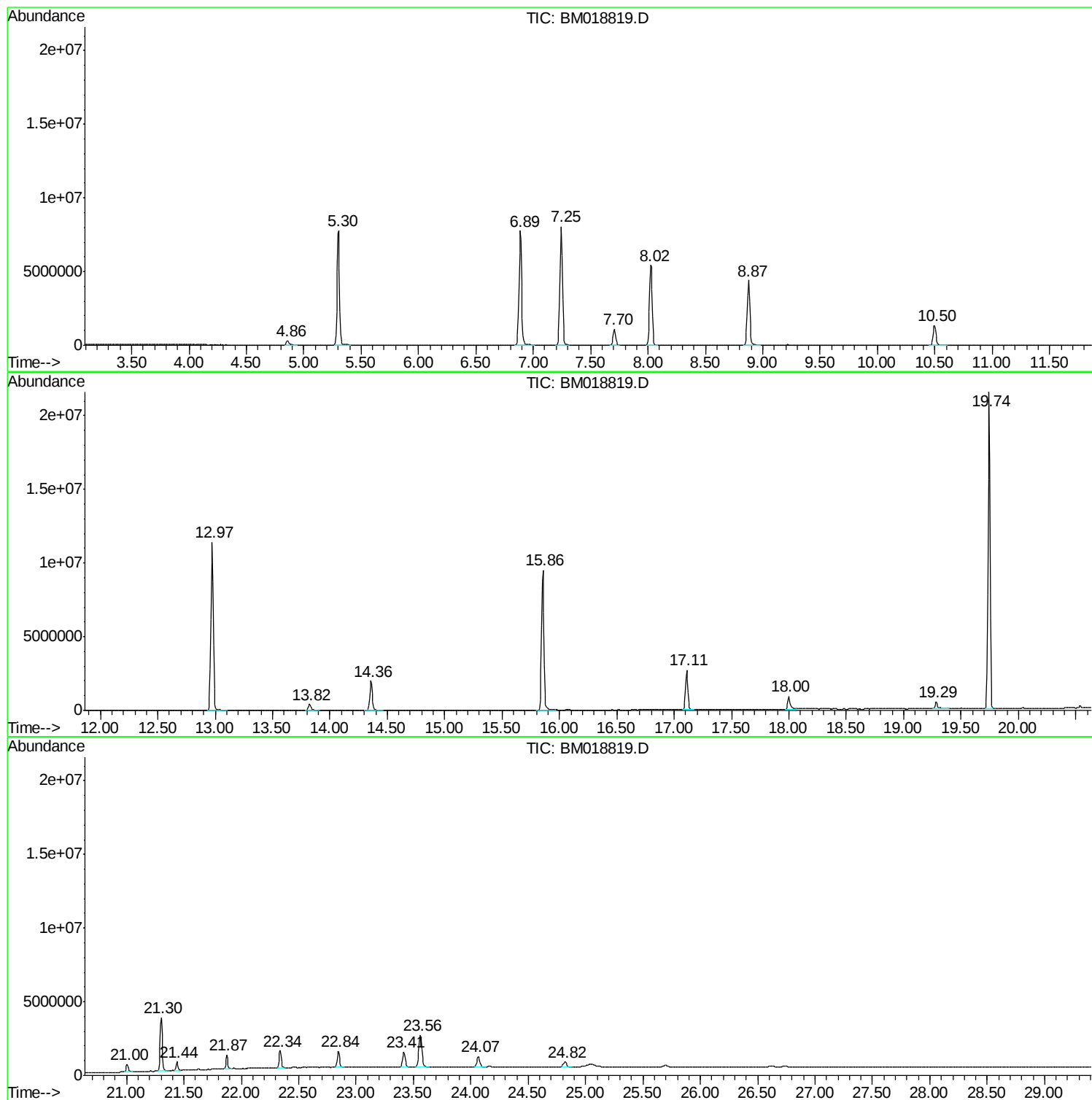
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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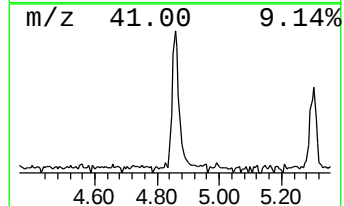
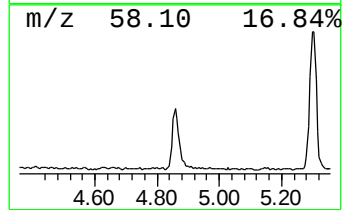
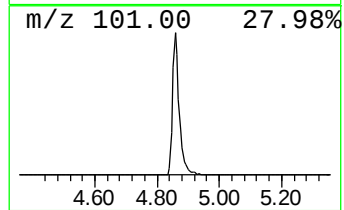
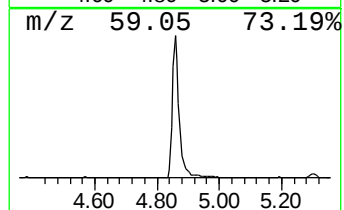
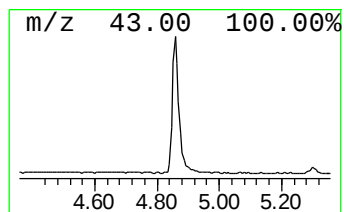
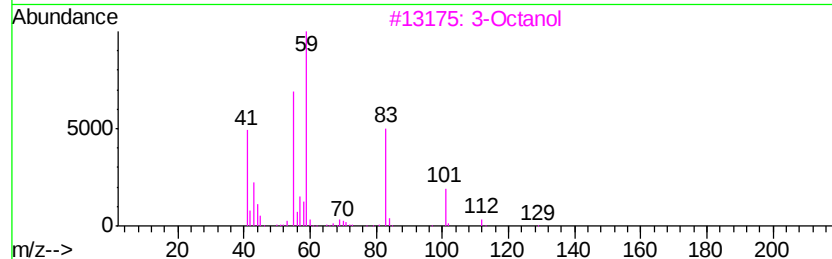
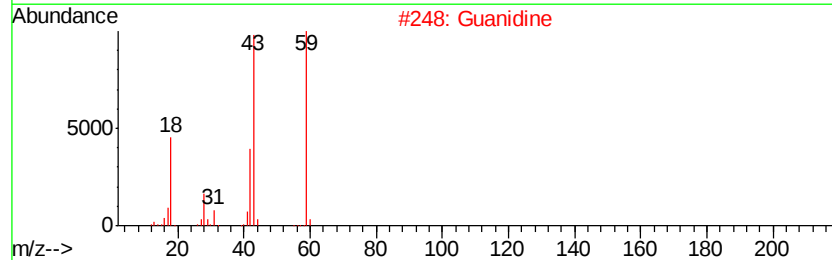
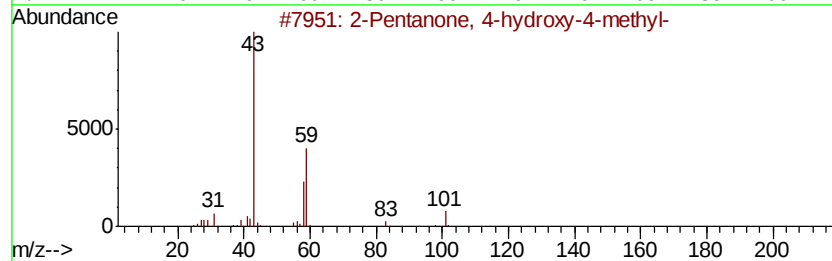
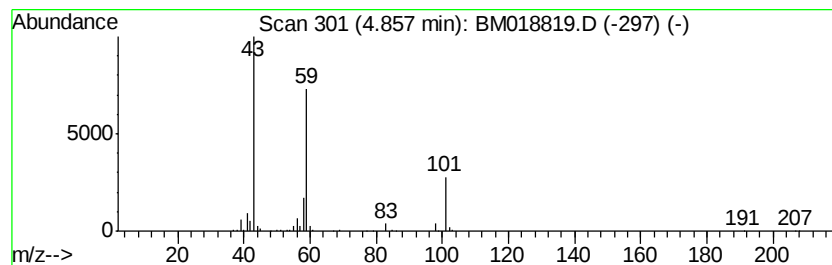
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	5.45 ng	470133	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Guanidine	59	CH5N3	000113-00-8	50
3			3-Octanol	130	C8H18O	020296-29-1	36
4			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	36
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7N2O2	016504-58-8	35



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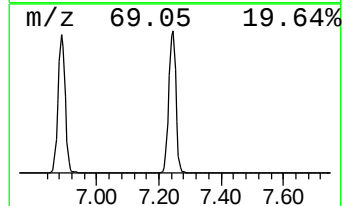
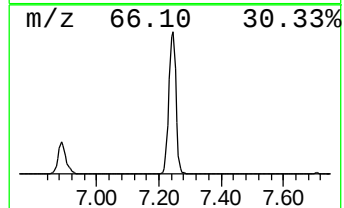
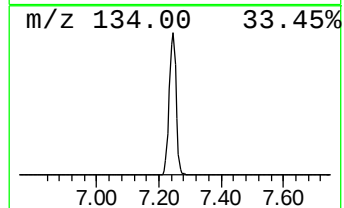
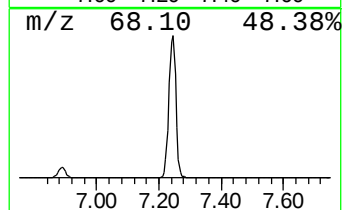
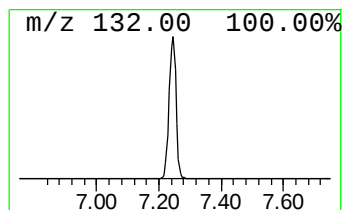
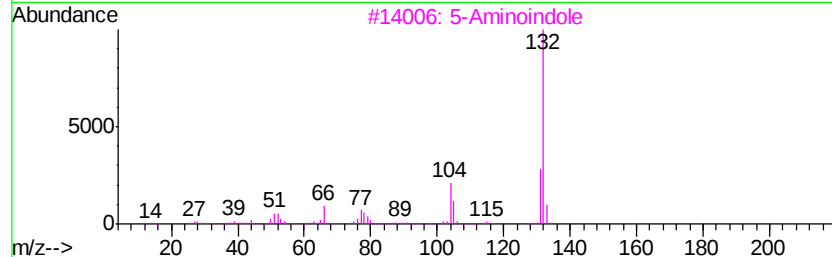
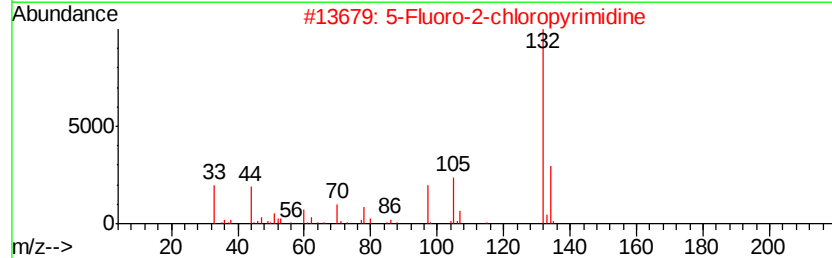
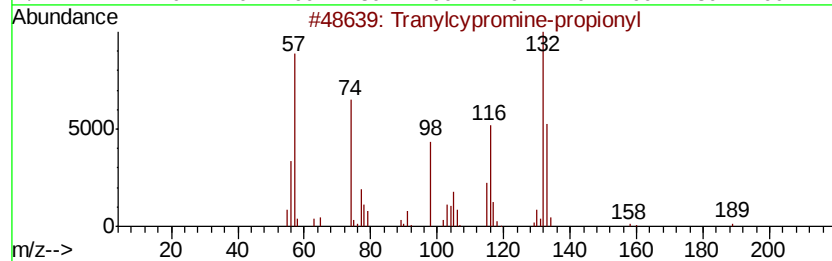
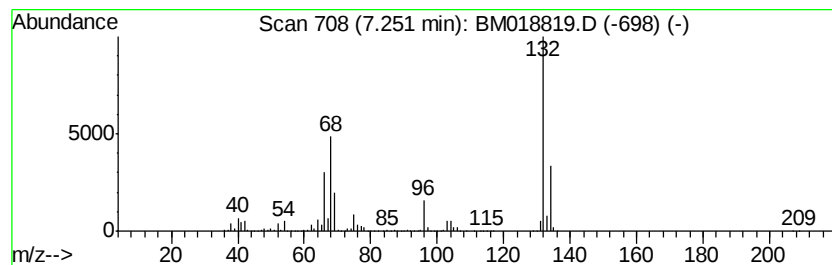
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Peak Number 2 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	145.57 ng	12546800	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	12
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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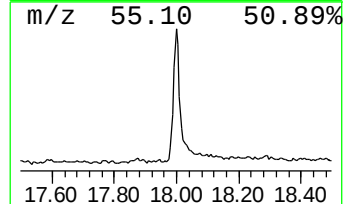
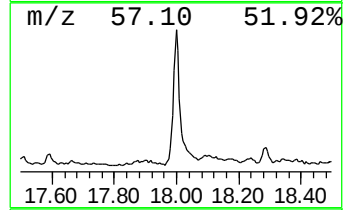
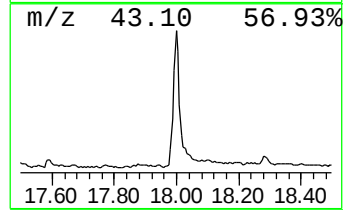
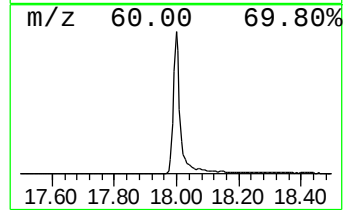
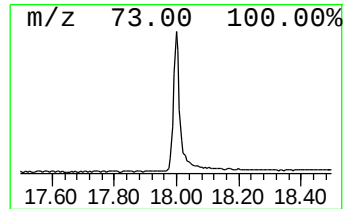
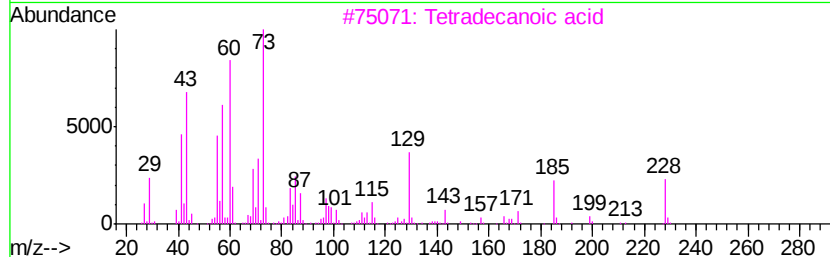
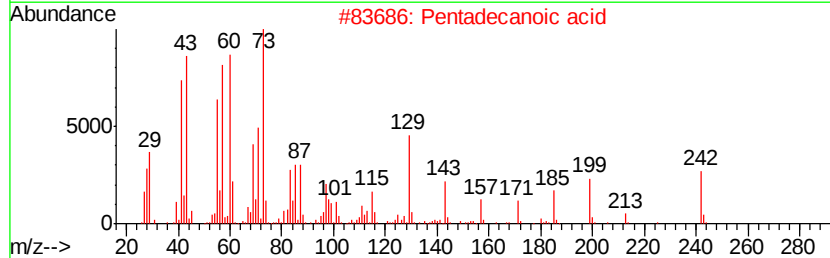
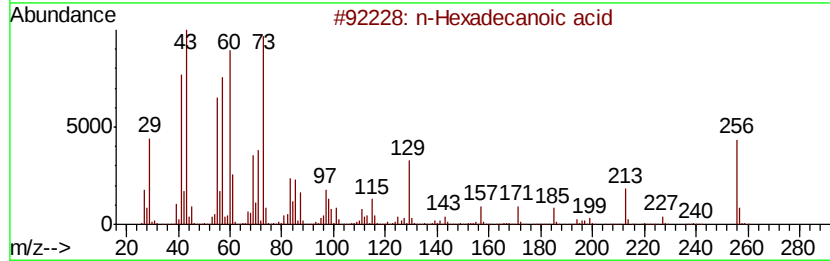
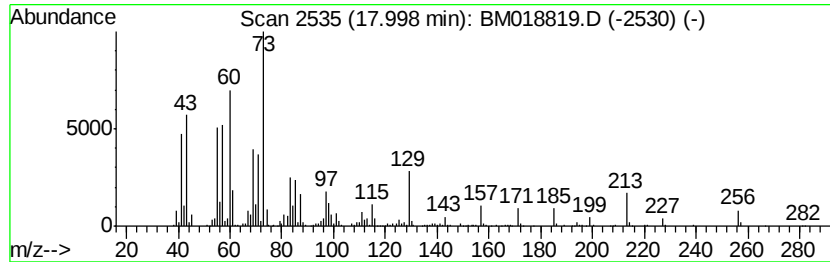
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	7.51 ng	1450170	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50



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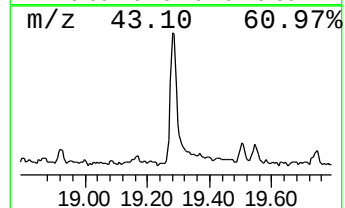
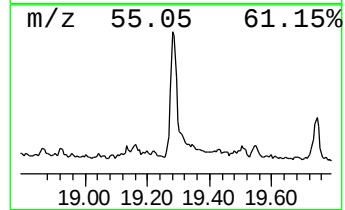
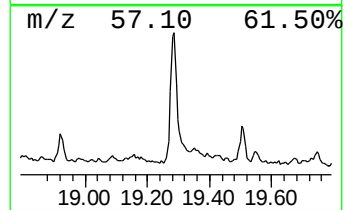
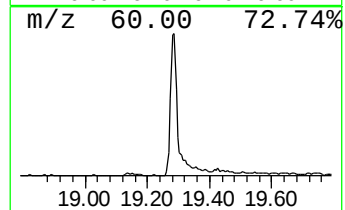
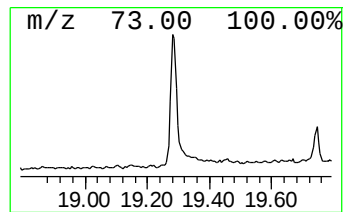
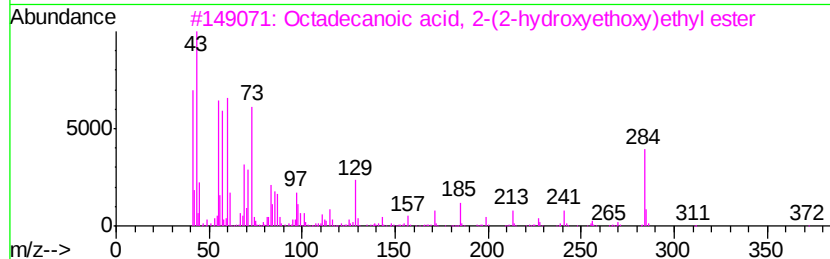
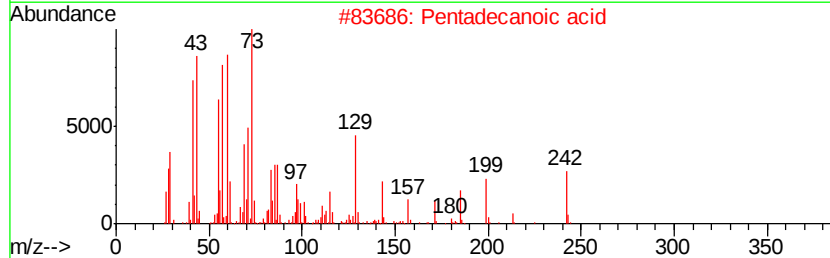
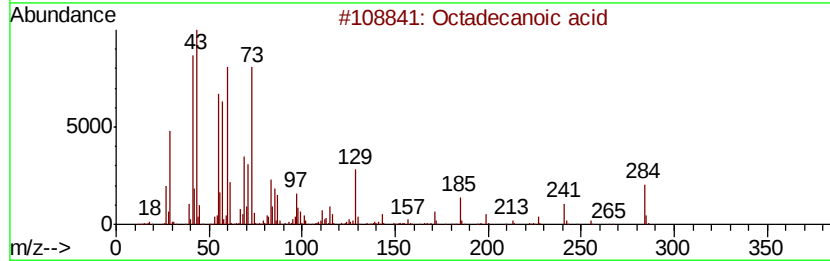
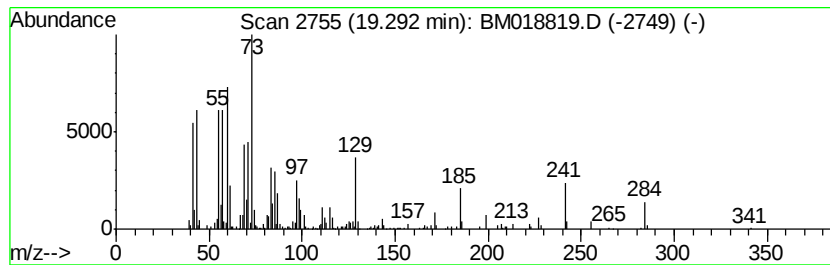
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Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.76 ng	854523	Chrysene-d12	21.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52



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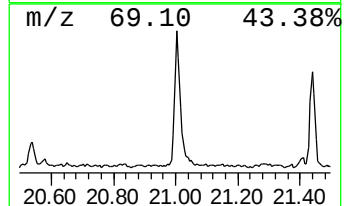
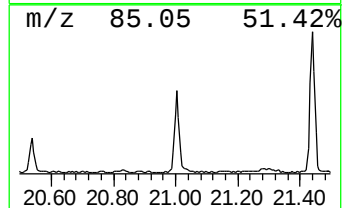
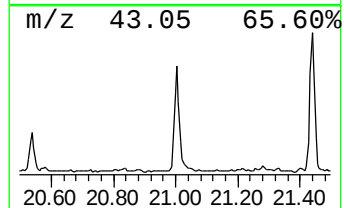
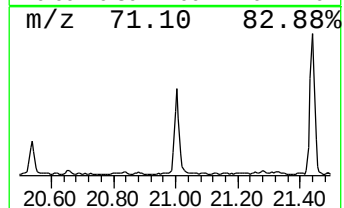
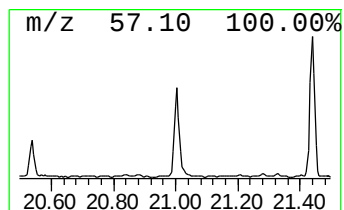
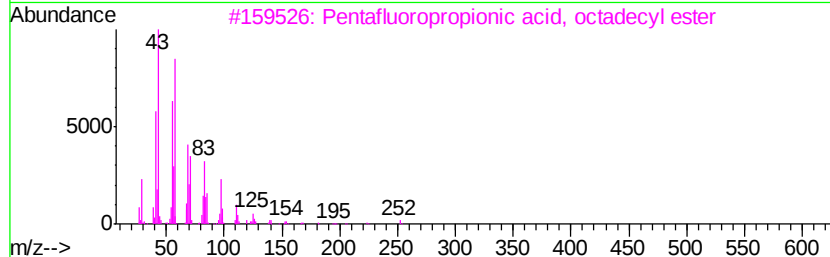
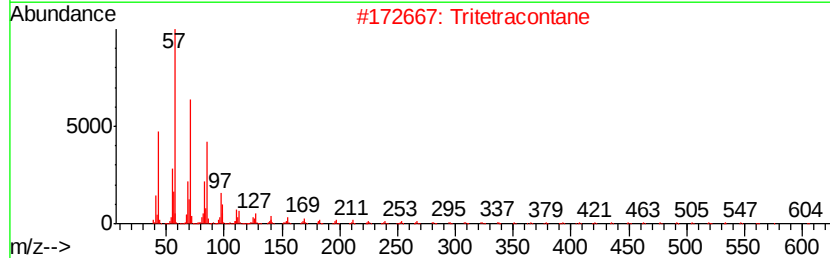
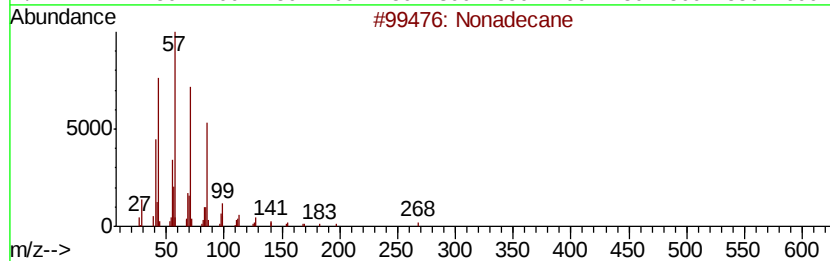
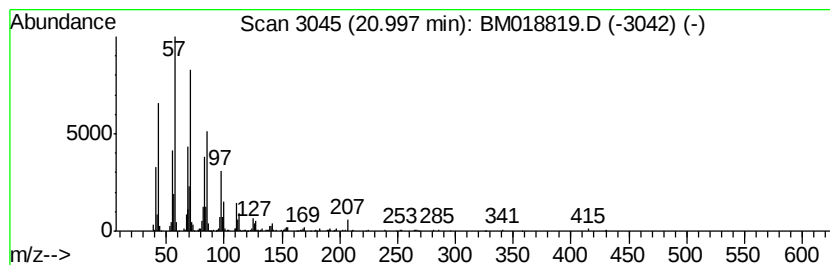
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Peak Number 6 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.07 ng	698058	Chrysene-d12	21.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	Tritetracontane		605	C43H88	007098-21-7	72
3	Pentafluoropropionic acid, octad...		416	C21H37F5O2	1000280-07-7	53
4	Ethanol, 2-(tetradecyloxy)-		258	C16H34O2	002136-70-1	53
5	3-Eicosene, (E)-		280	C20H40	074685-33-9	49



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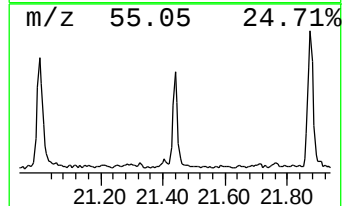
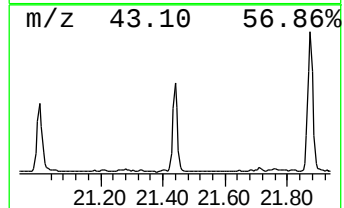
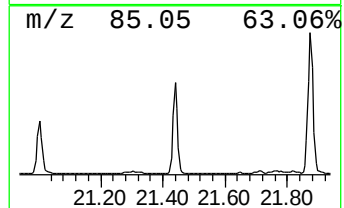
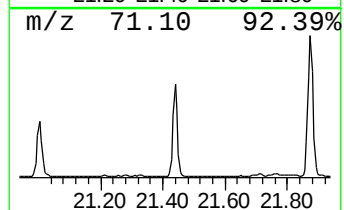
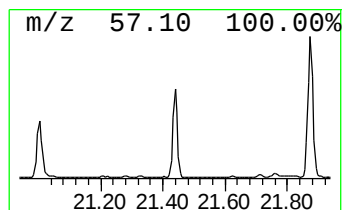
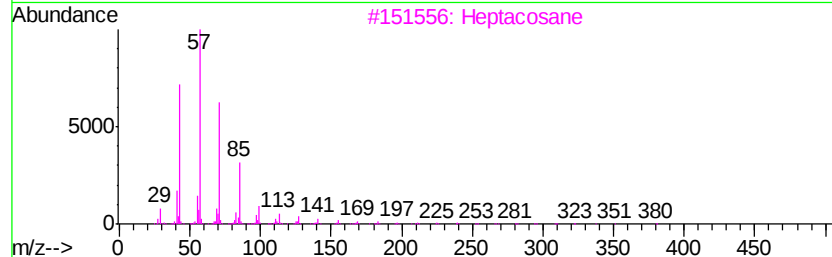
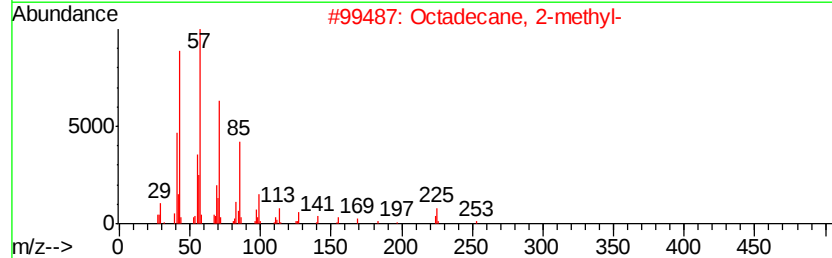
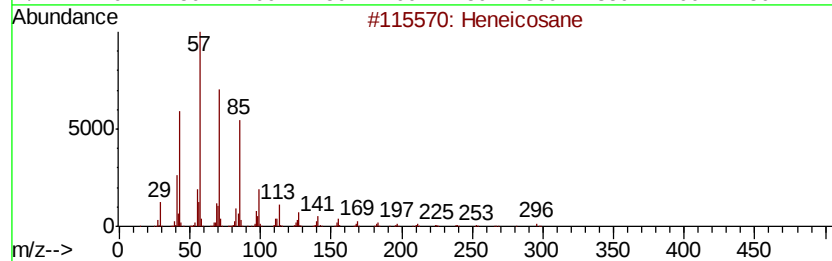
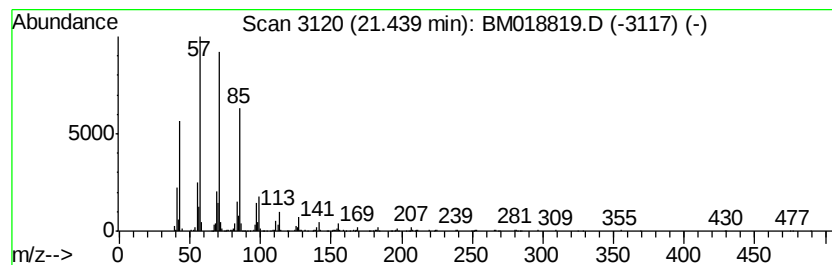
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.66 ng	604083	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018819.D
Acq On : 15 Feb 2019 16:30
Operator : JU/SJ
Sample : K1500-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-021419

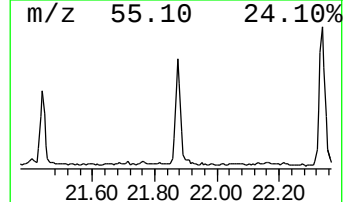
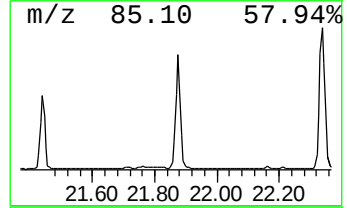
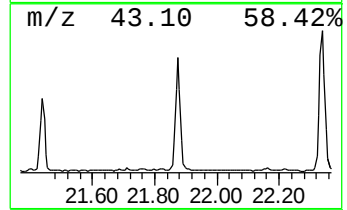
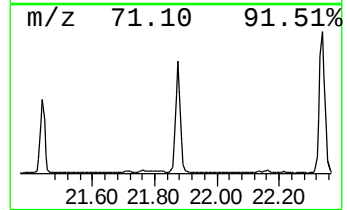
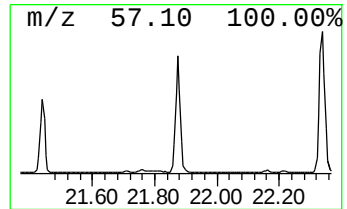
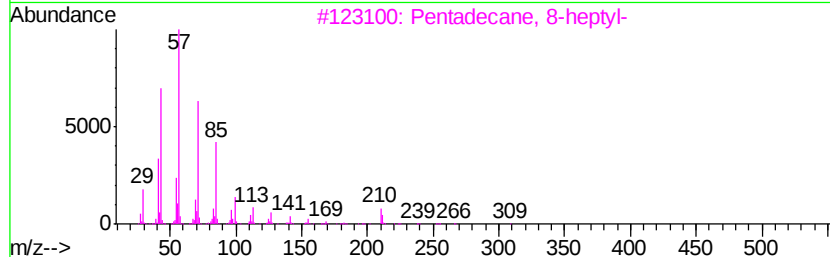
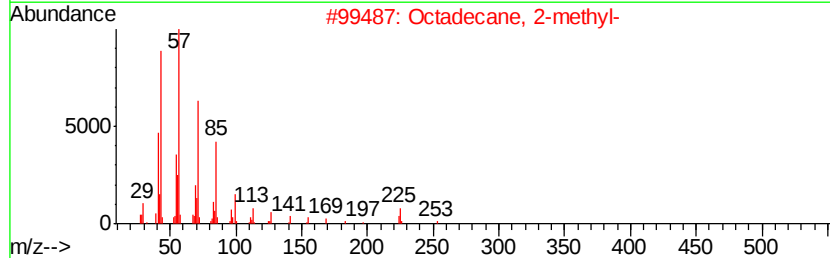
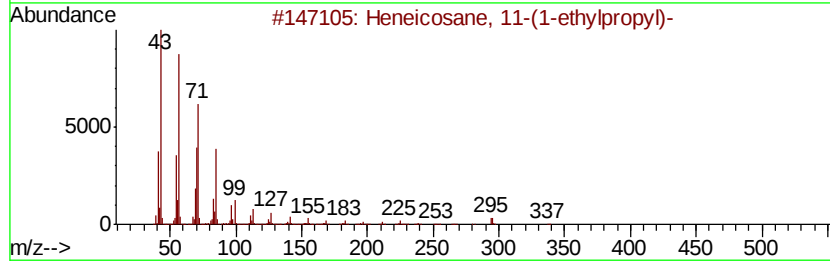
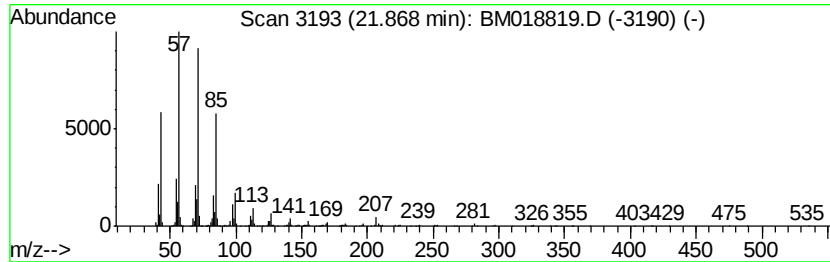
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane, 11-(1-ethylpro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	4.77 ng	1084090	Chrysene-d12	21.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018819.D
Acq On : 15 Feb 2019 16:30
Operator : JU/SJ
Sample : K1500-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
G-021419

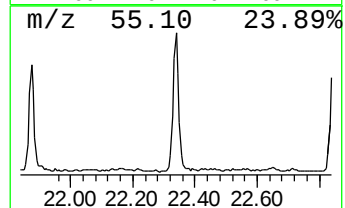
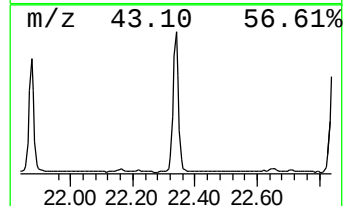
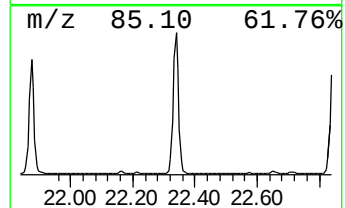
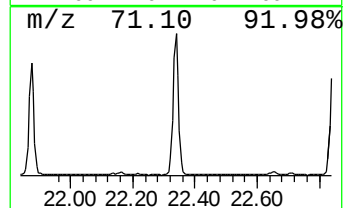
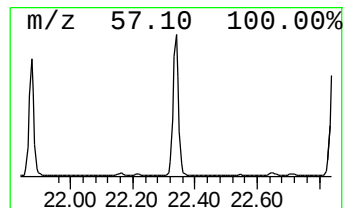
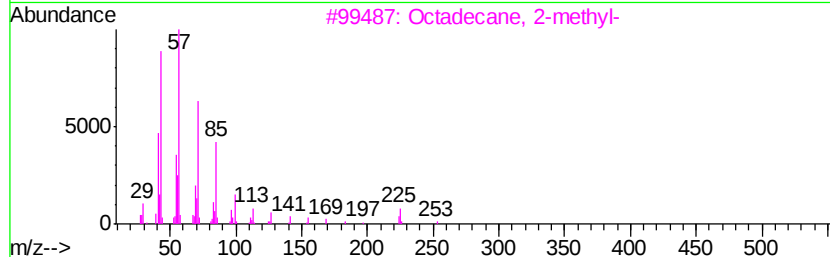
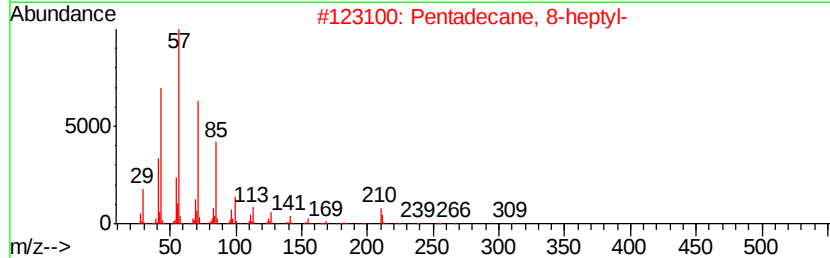
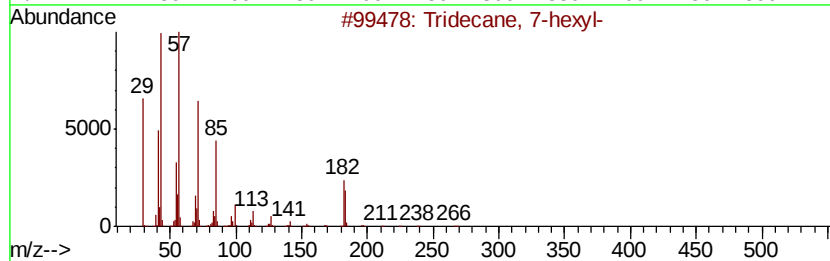
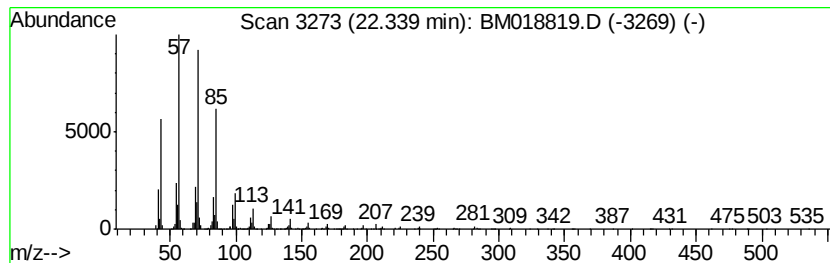
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 7-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	6.41 ng	1455440	Chrysene-d12	21.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018819.D
Acq On : 15 Feb 2019 16:30
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Sample : K1500-01
Misc :
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Instrument :
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ClientSampleId :
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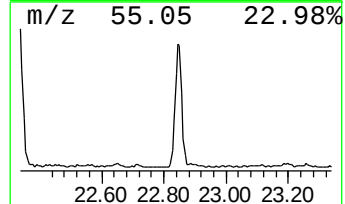
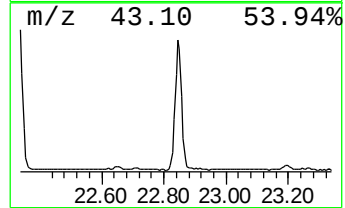
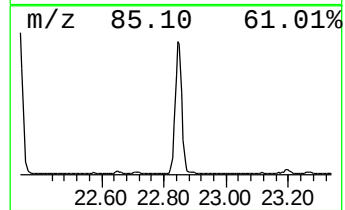
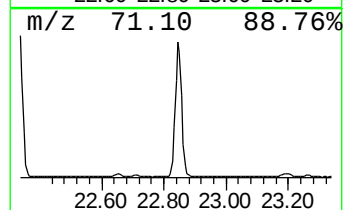
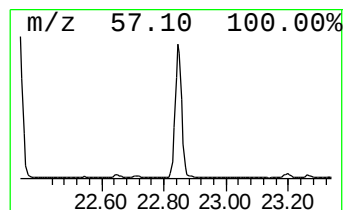
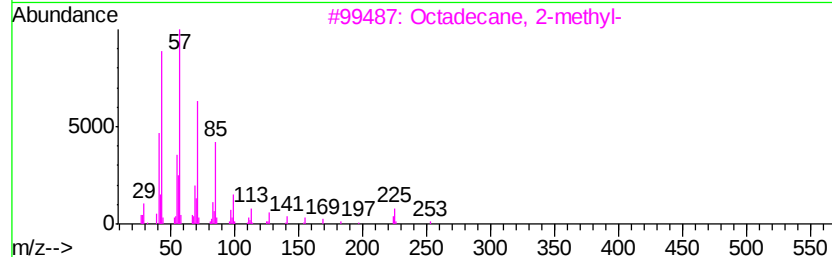
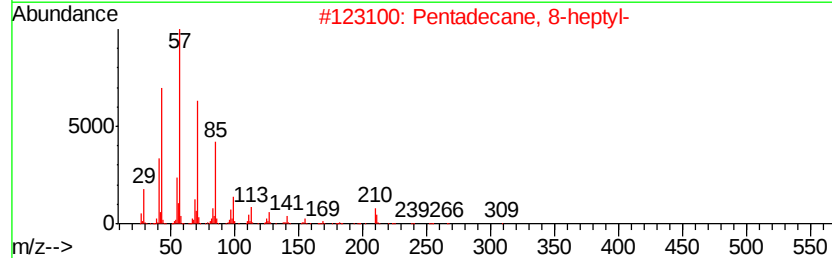
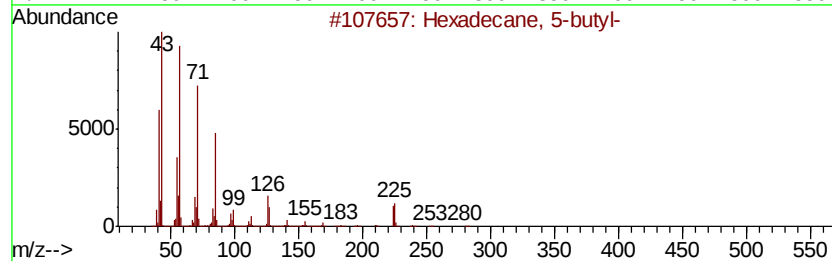
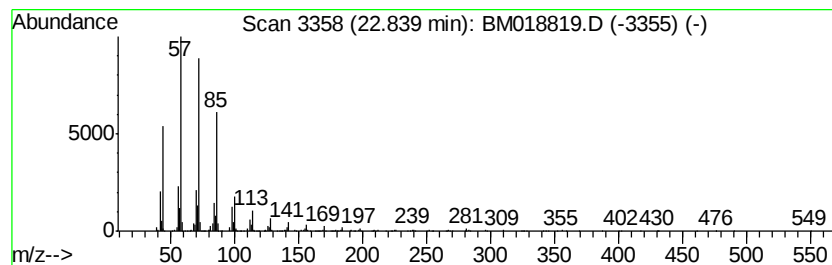
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane, 5-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	7.54 ng	1607730	Perylene-d12	23.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
2			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4			2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
5			Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018819.D
Acq On : 15 Feb 2019 16:30
Operator : JU/SJ
Sample : K1500-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G-021419

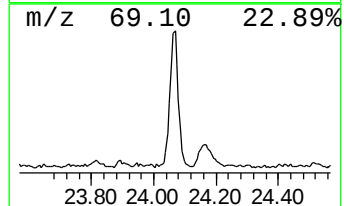
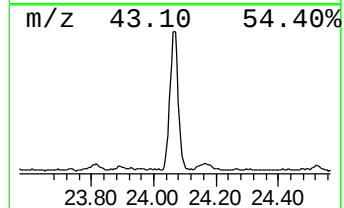
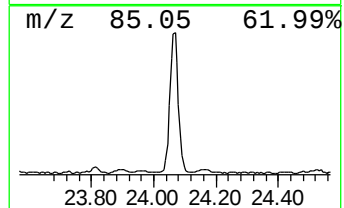
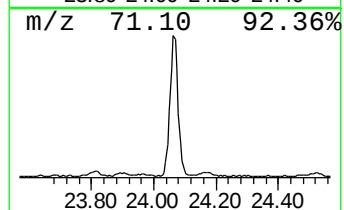
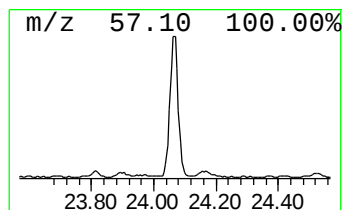
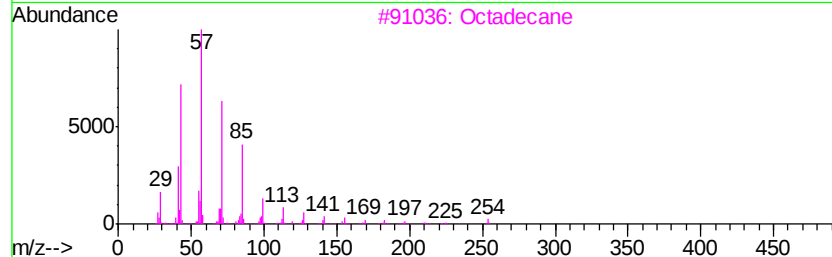
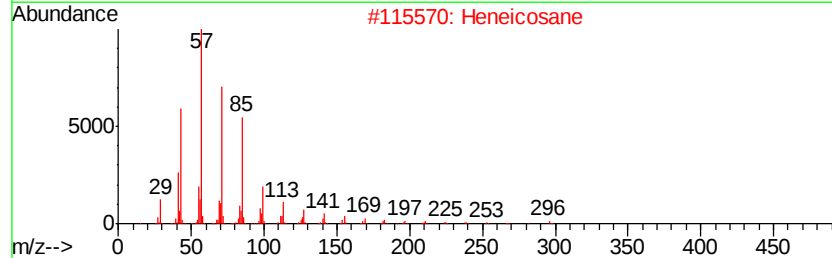
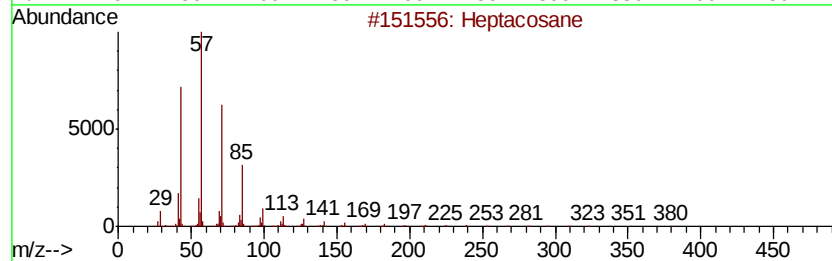
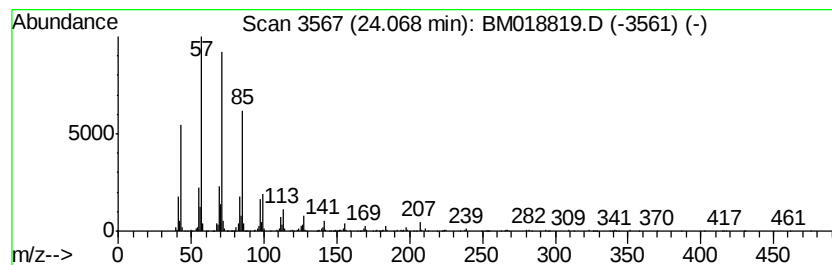
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	6.31 ng	1346580	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octadecane	254	C18H38	000593-45-3	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018819.D
Acq On : 15 Feb 2019 16:30
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Sample : K1500-01
Misc :
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BNA_M
ClientSampleId :
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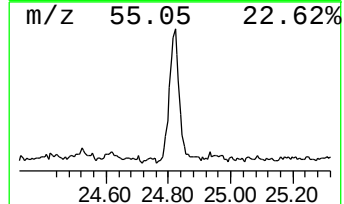
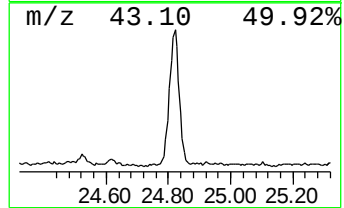
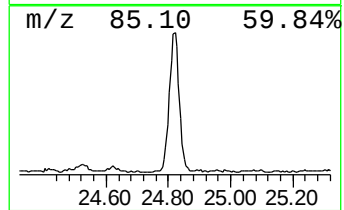
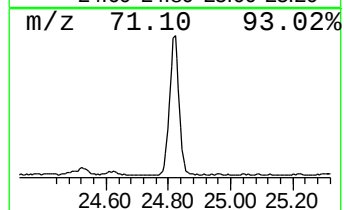
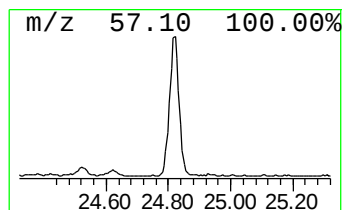
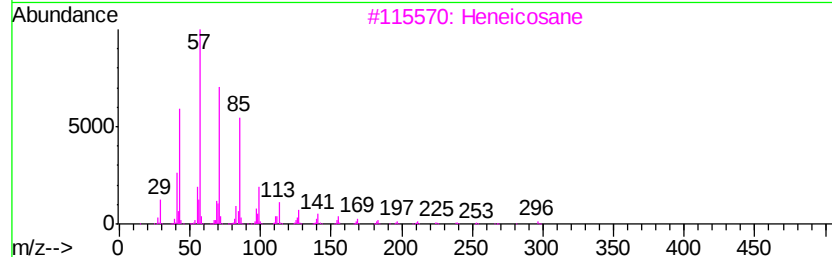
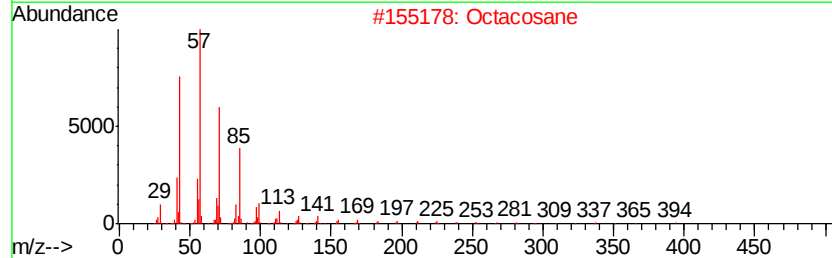
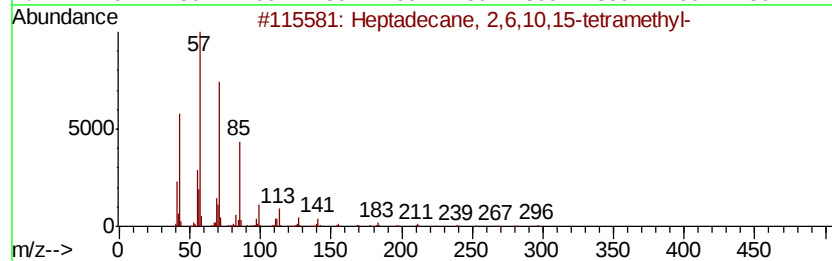
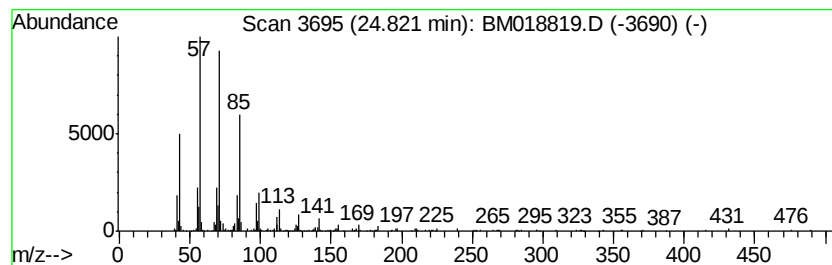
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.82	3.33 ng	710435	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		10-Methylnonadecane	282	C20H42	056862-62-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021519\
 Data File : BM018819.D
 Acq On : 15 Feb 2019 16:30
 Operator : JU/SJ
 Sample : K1500-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown7.25	7.25	145.6	ng	12546800	1	7.70	1723860	20.0
n-Hexadecanoic acid	18.00	7.5	ng	1450170	4	17.11	3864480	20.0
Octadecanoic acid	19.29	3.8	ng	854523	5	21.30	4540810	20.0
Nonadecane	21.00	3.1	ng	698058	5	21.30	4540810	20.0
Heneicosane	21.44	2.7	ng	604083	5	21.30	4540810	20.0
Heneicosane, 11-(...	21.87	4.8	ng	1084090	5	21.30	4540810	20.0
Tridecane, 7-hexyl-	22.34	6.4	ng	1455440	5	21.30	4540810	20.0
Hexadecane, 5-butyl-	22.84	7.5	ng	1607730	6	23.56	4267000	20.0
Heptacosane	24.07	6.3	ng	1346580	6	23.56	4267000	20.0
Heptadecane, 2,6,...	24.82	3.3	ng	710435	6	23.56	4267000	20.0