

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019979.D
 Acq On : 19 Apr 2019 17:35
 Operator : JU/SJ
 Sample : K2484-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 200027

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-BM041519.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	5.122	357	363	387	rBV	3003748	4625826	60.96%	7.493%
2	6.710	626	633	655	rBV	2960714	4957656	65.33%	8.030%
3	7.046	683	690	707	rBV	3378597	5179010	68.25%	8.388%
4	7.510	762	769	777	rBV	700203	1129367	14.88%	1.829%
5	7.822	813	822	835	rBV	2106813	3350381	44.15%	5.427%
6	8.687	960	969	990	rBV	1552829	2890462	38.09%	4.682%
7	10.286	1234	1241	1262	rBV	786945	1527835	20.13%	2.475%
8	12.780	1659	1665	1688	rBV	3681977	5449020	71.80%	8.826%
9	13.657	1808	1814	1826	rBV	184612	337947	4.45%	0.547%
10	14.180	1896	1903	1922	rVB2	1224829	2002832	26.39%	3.244%
11	15.686	2153	2159	2180	rBV	3472053	5432249	71.58%	8.799%
12	16.945	2366	2373	2388	rBV	1617993	2451132	32.30%	3.970%
13	17.839	2518	2525	2547	rBV	517331	969436	12.77%	1.570%
14	19.027	2722	2727	2735	rVB	96622	161124	2.12%	0.261%
15	19.133	2740	2745	2763	rBV	292555	582910	7.68%	0.944%
16	19.392	2785	2789	2794	rVB	84746	111372	1.47%	0.180%
17	19.592	2817	2823	2834	rBV	6432067	7588837	100.00%	12.292%
18	19.886	2869	2873	2878	rVB2	80181	95231	1.25%	0.154%
19	20.380	2954	2957	2963	rBV2	95223	118684	1.56%	0.192%
20	20.851	3033	3037	3044	rBV	305715	434843	5.73%	0.704%
21	21.162	3084	3090	3101	rBV	1930012	2769600	36.50%	4.486%
22	21.286	3108	3111	3117	rBV	294222	307557	4.05%	0.498%
23	21.709	3179	3183	3188	rBV	616213	659203	8.69%	1.068%
24	22.156	3254	3259	3269	rVB	940619	1145553	15.10%	1.855%
25	22.639	3336	3341	3347	rBV	1131784	1447871	19.08%	2.345%
26	23.180	3428	3433	3439	rVB	1046414	1611851	21.24%	2.611%
27	23.350	3456	3462	3476	rVB	1186366	2226422	29.34%	3.606%
28	23.797	3532	3538	3545	rVB	754683	1392111	18.34%	2.255%
29	24.503	3652	3658	3665	rVB	386327	783095	10.32%	1.268%

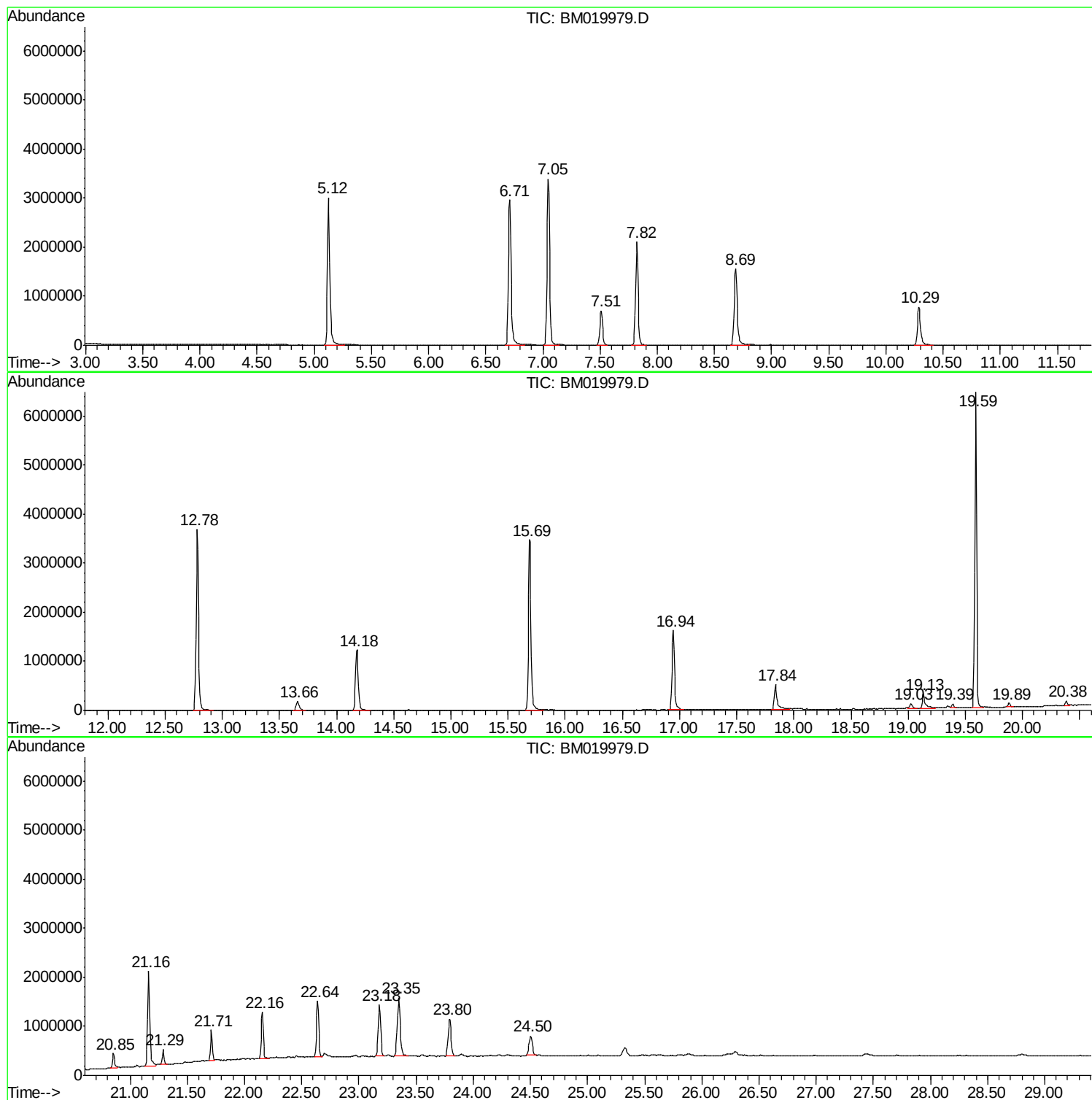
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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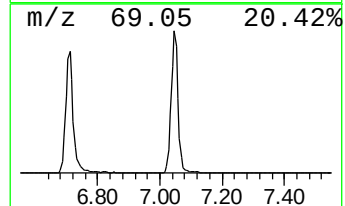
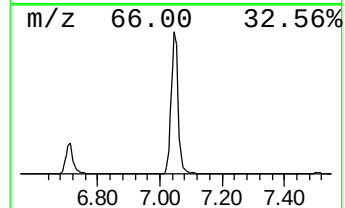
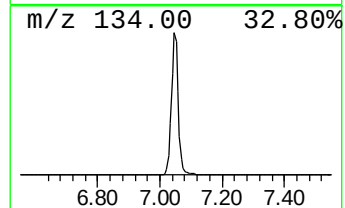
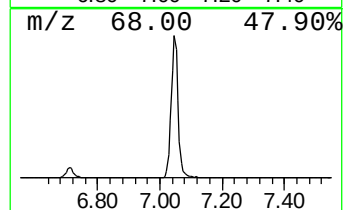
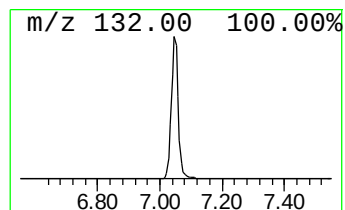
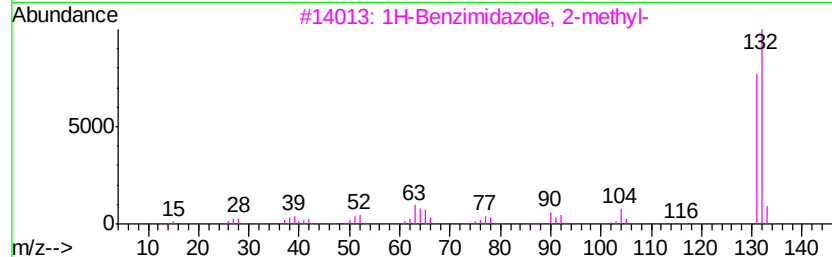
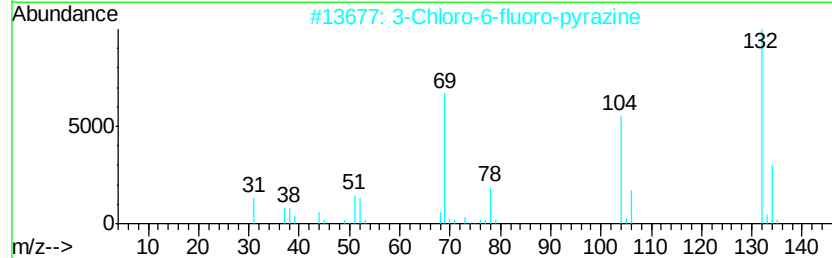
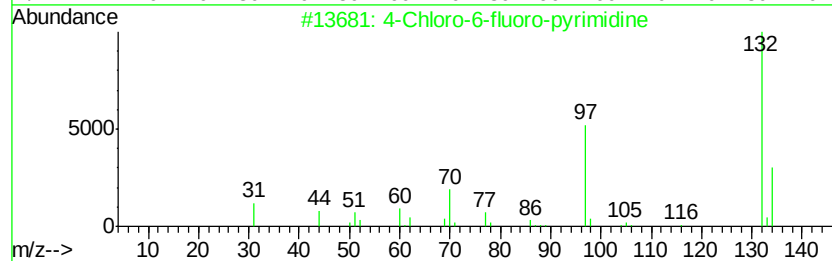
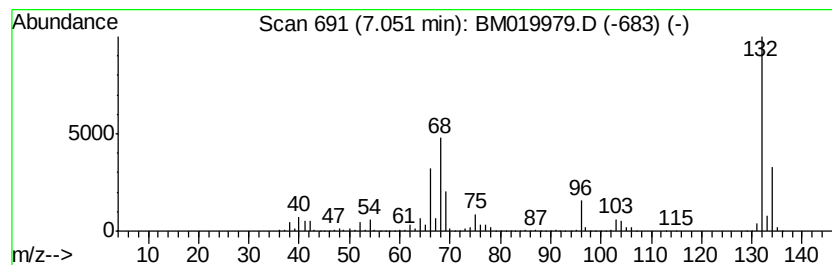
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	91.72 ng	5179010	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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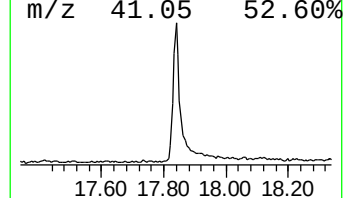
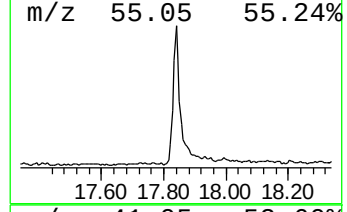
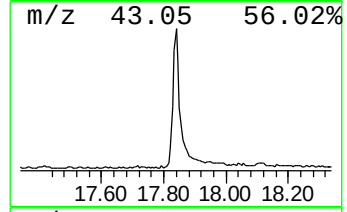
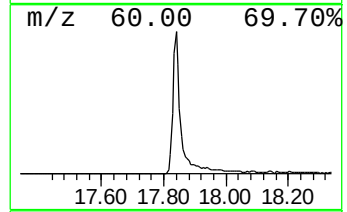
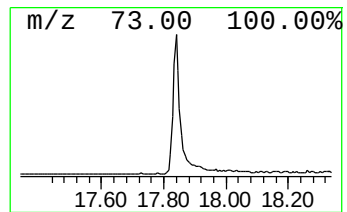
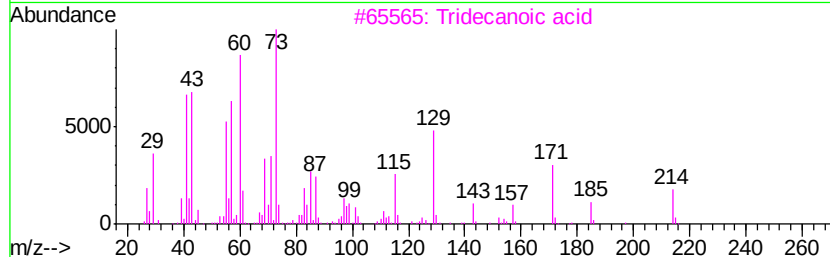
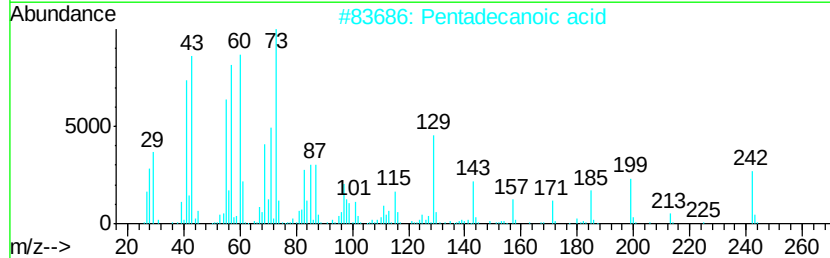
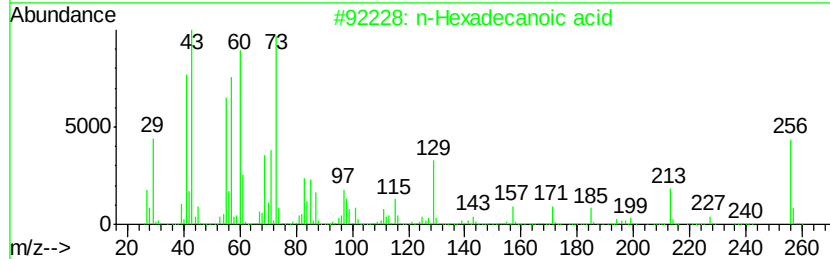
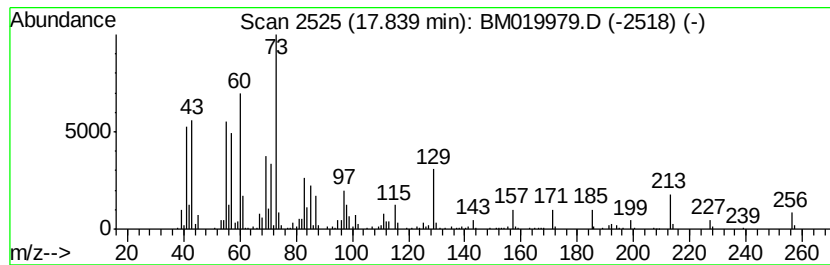
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.84	7.91 ng	969436	Phenanthrene-d10		16.94		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3			Tridecanoic acid	214	C13H26O2	000638-53-9	60
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5			n-Decanoic acid	172	C10H20O2	000334-48-5	38



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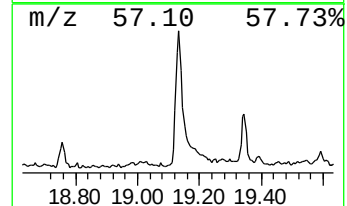
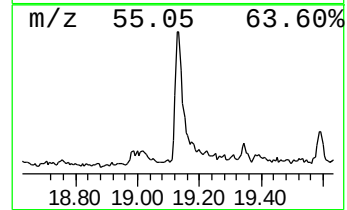
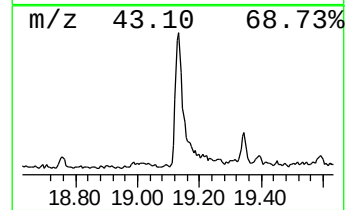
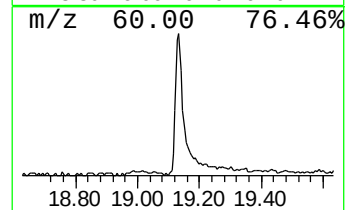
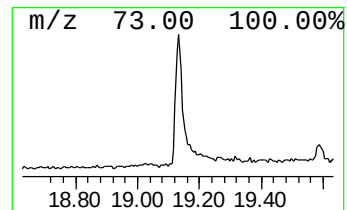
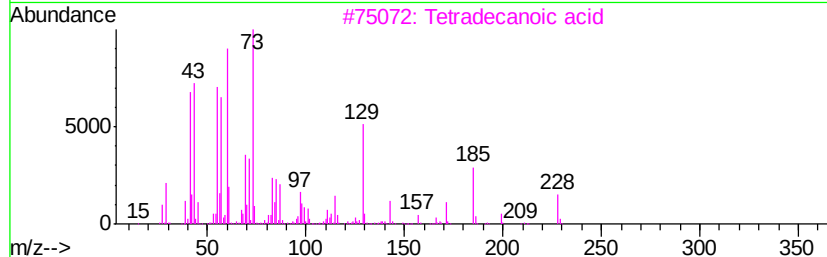
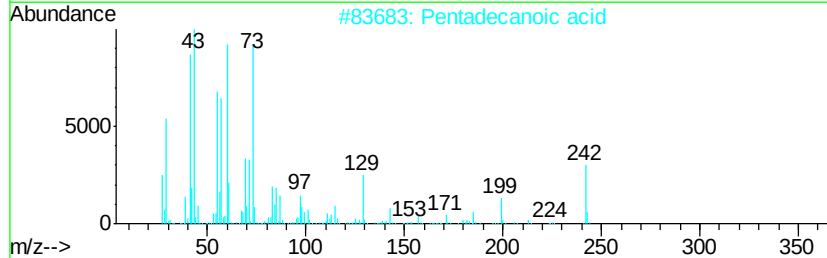
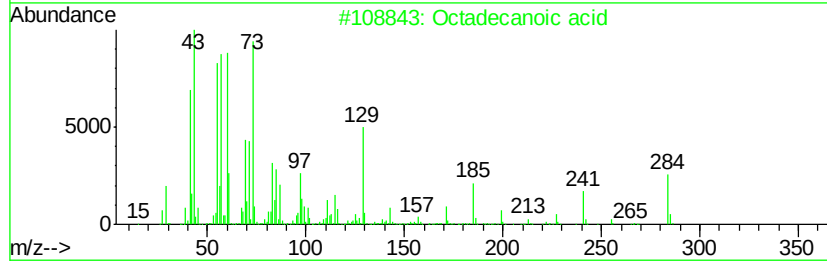
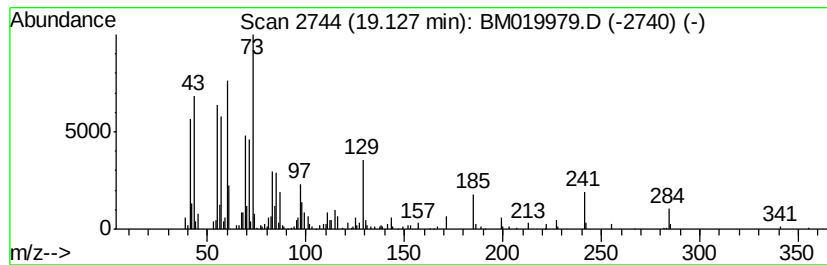
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Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	4.21 ng	582910	Chrysene-d12	21.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Eicosane	282	C20H42	000112-95-8	53
5		Dodecane	170	C12H26	000112-40-3	11



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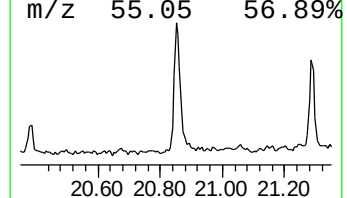
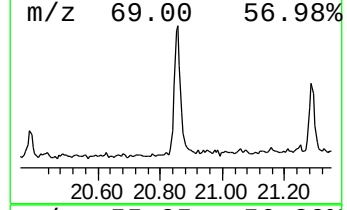
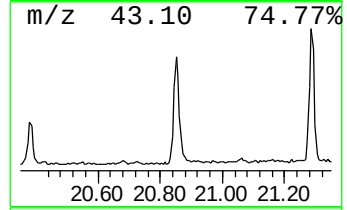
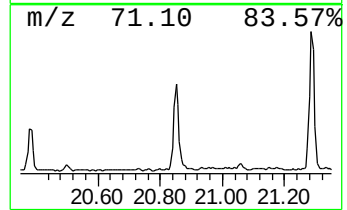
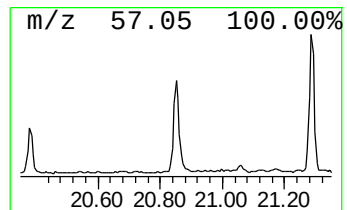
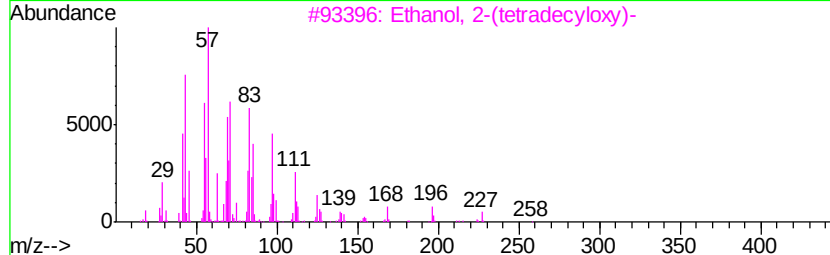
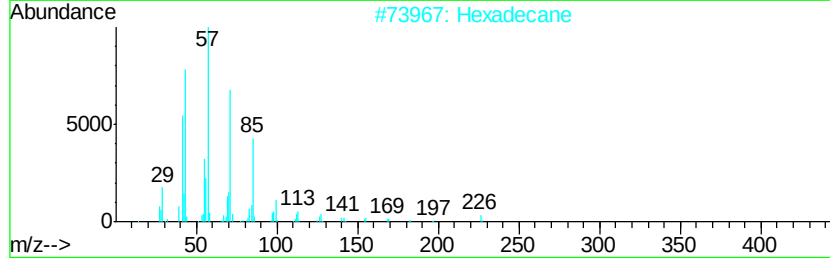
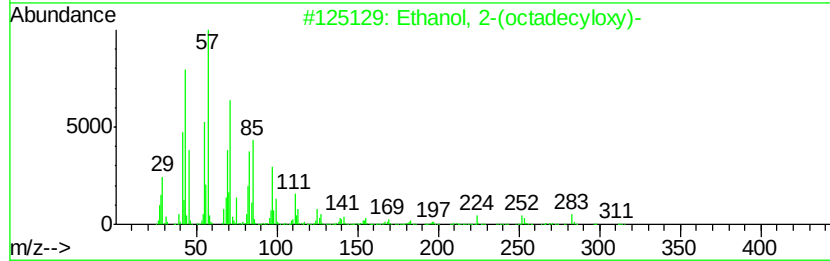
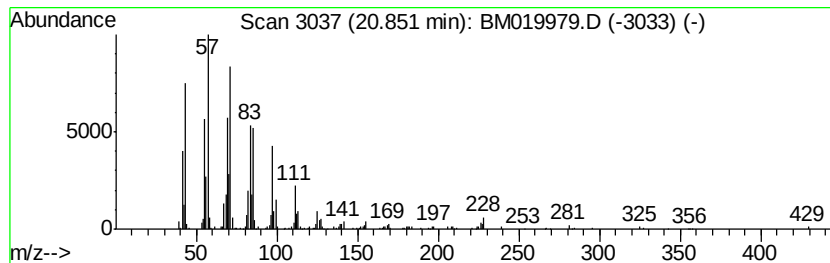
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Peak Number 5 Ethanol, 2-(octadecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.85	3.14 ng	434843	Chrysene-d12	21.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	60
5		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	58



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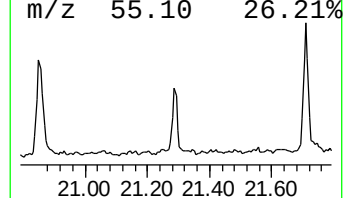
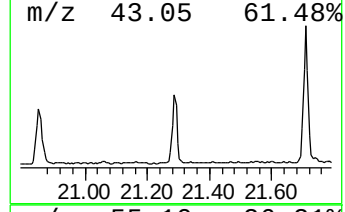
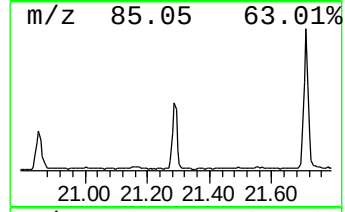
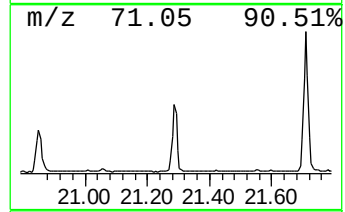
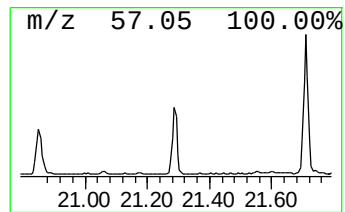
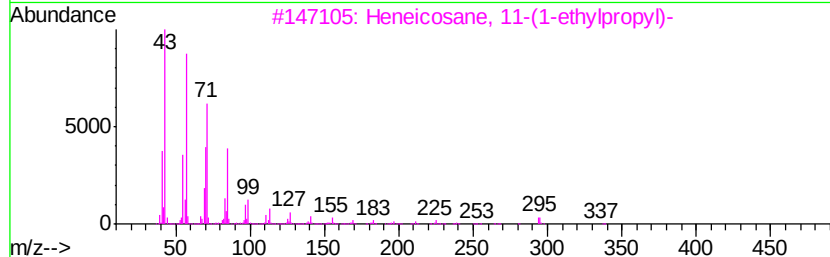
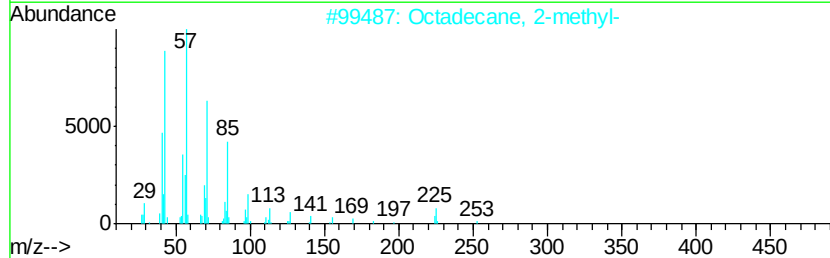
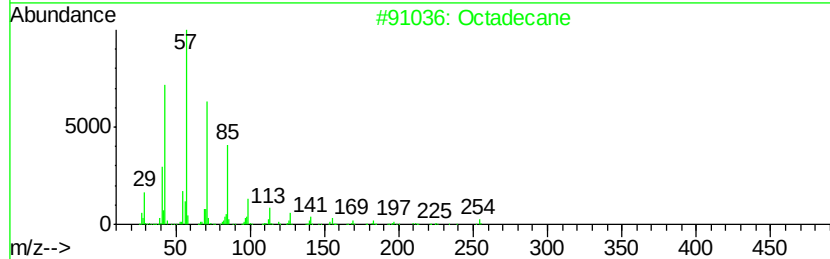
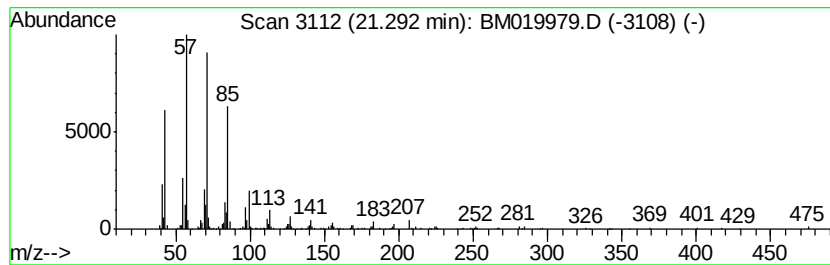
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Peak Number 6 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.29	2.22 ng	307557	Chrysene-d12	21.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Heptacosane	380	C27H56	000593-49-7	87



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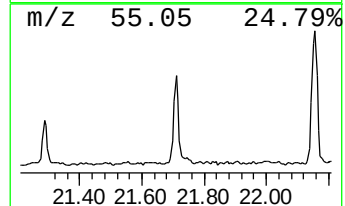
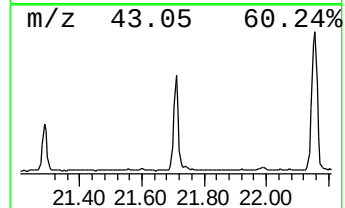
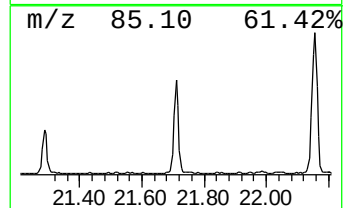
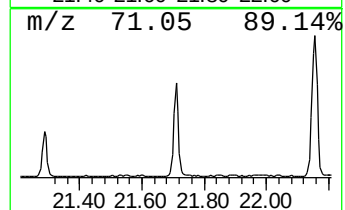
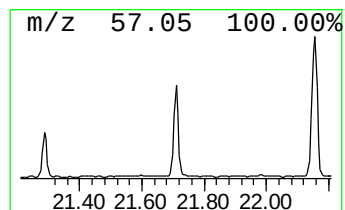
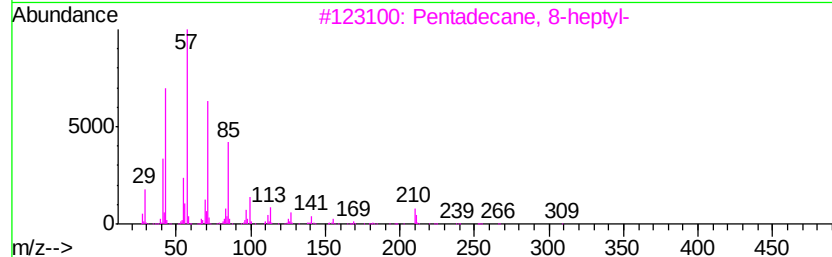
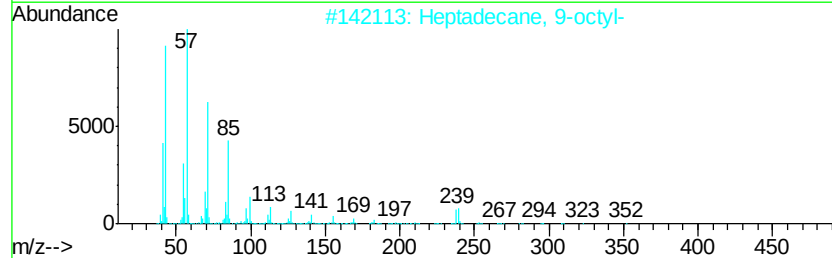
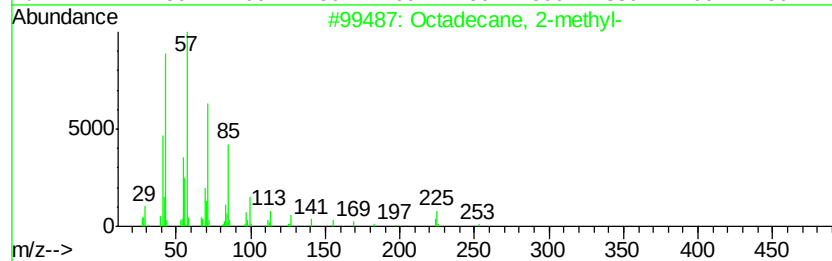
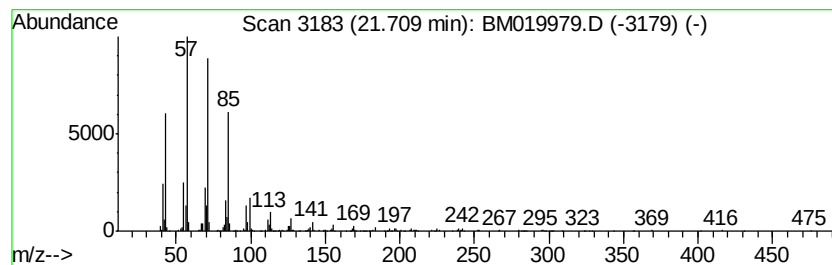
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	4.76 ng	659203	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
Data File : BM019979.D
Acq On : 19 Apr 2019 17:35
Operator : JU/SJ
Sample : K2484-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
200027

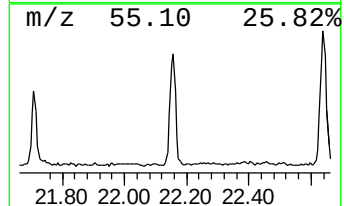
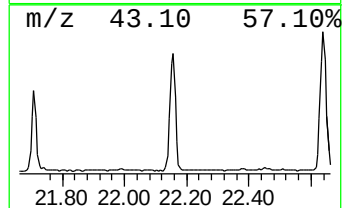
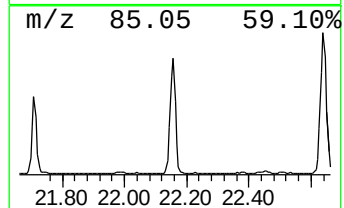
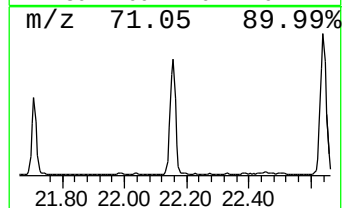
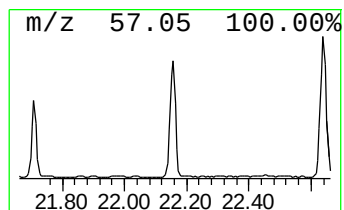
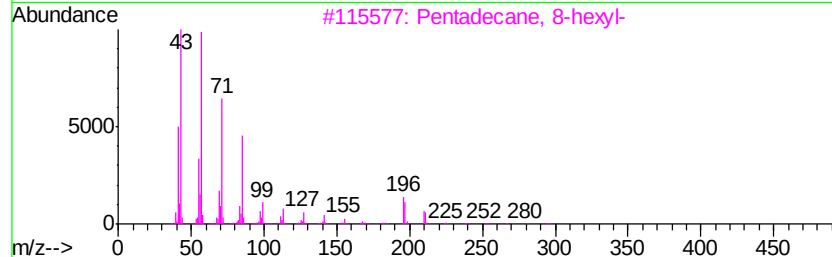
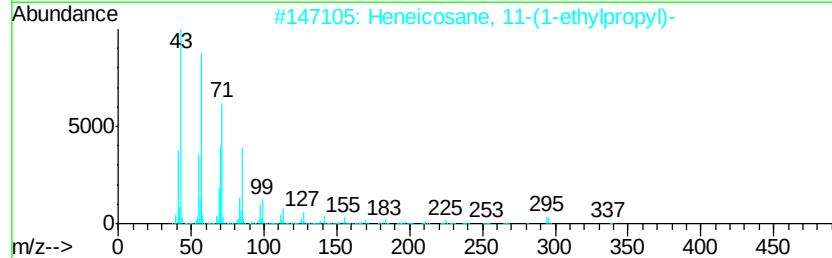
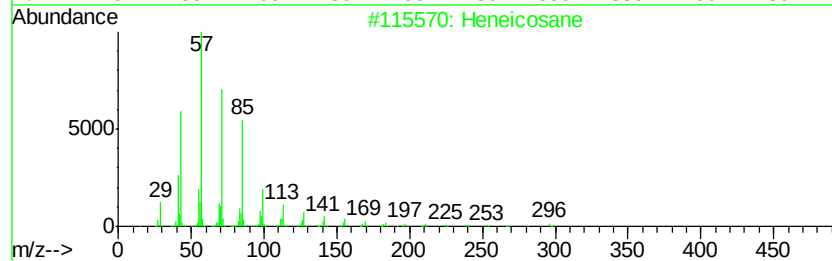
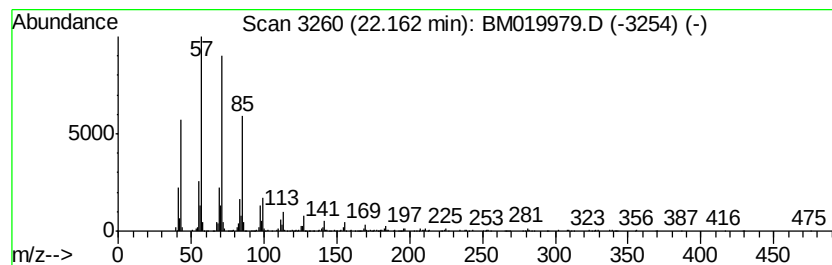
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	8.27 ng	1145550	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4		Octadecane	254	C18H38	000593-45-3	90
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
Data File : BM019979.D
Acq On : 19 Apr 2019 17:35
Operator : JU/SJ
Sample : K2484-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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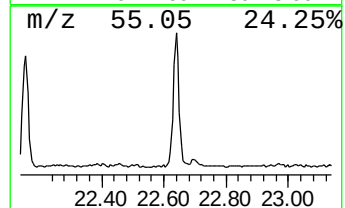
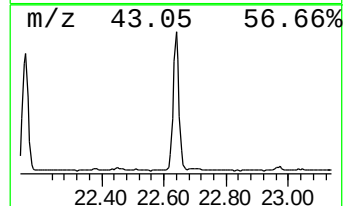
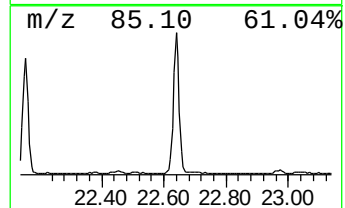
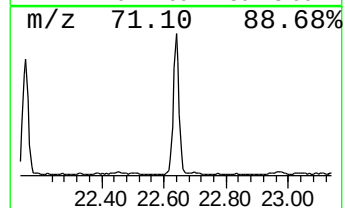
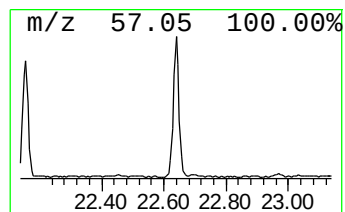
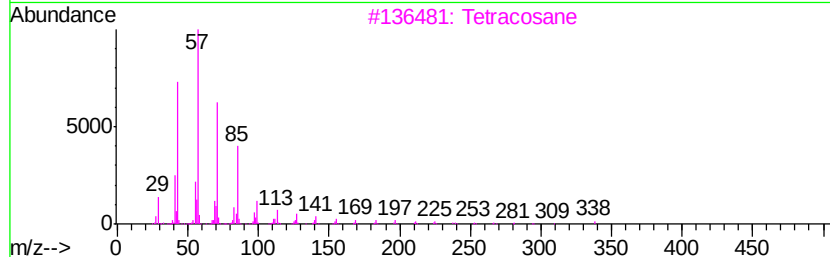
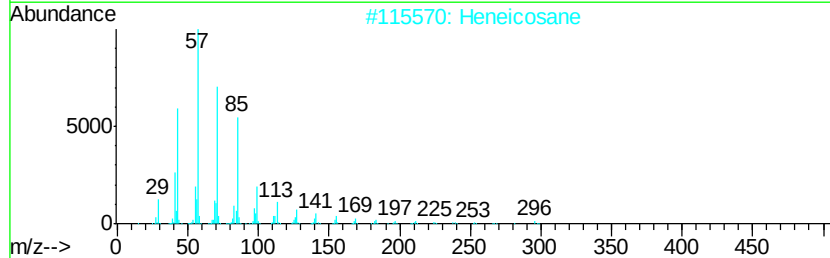
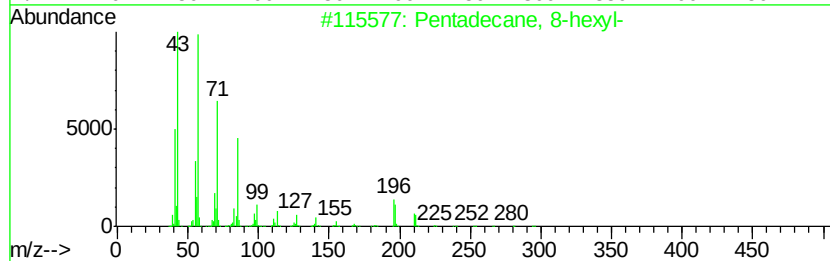
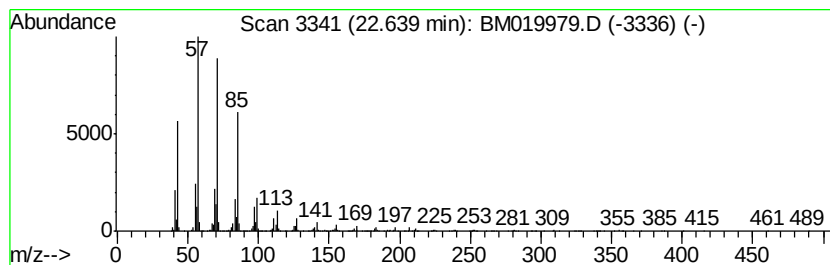
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 7-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	13.01 ng	1447870	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019979.D
 Acq On : 19 Apr 2019 17:35
 Operator : JU/SJ
 Sample : K2484-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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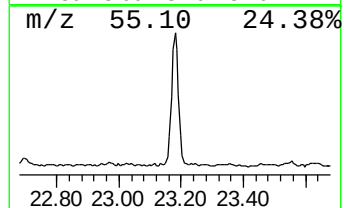
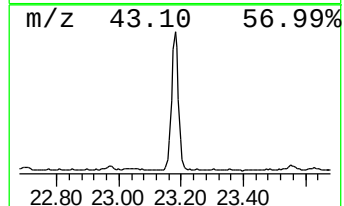
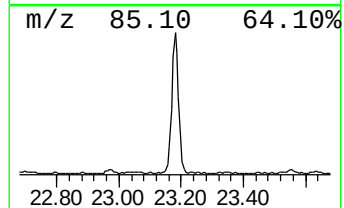
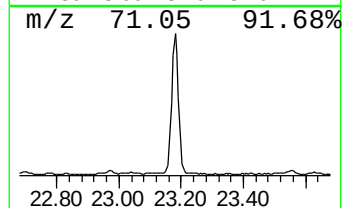
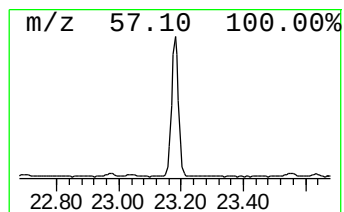
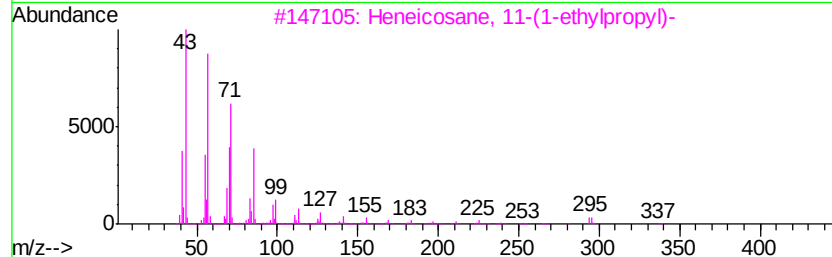
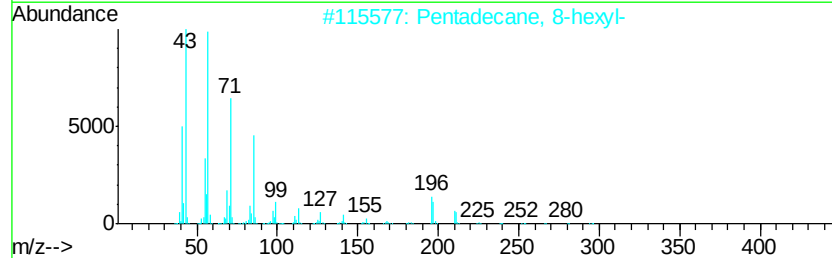
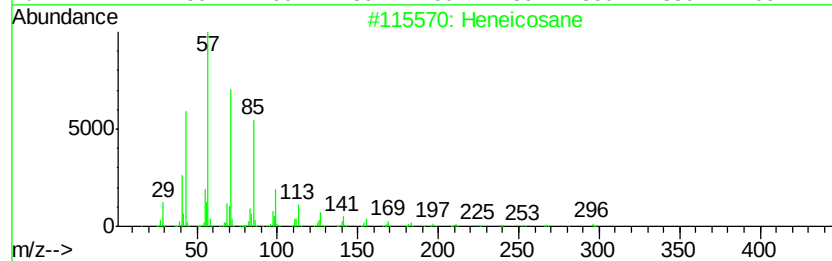
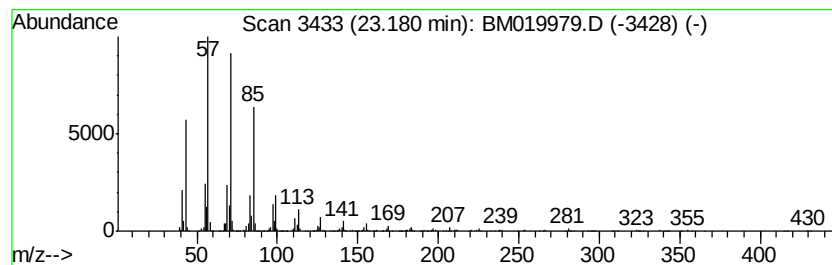
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	14.48 ng	1611850	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Heptacosane	380	C27H56	000593-49-7	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
Data File : BM019979.D
Acq On : 19 Apr 2019 17:35
Operator : JU/SJ
Sample : K2484-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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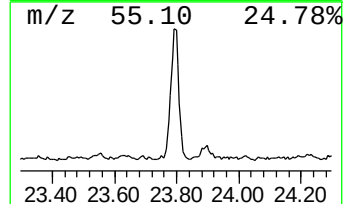
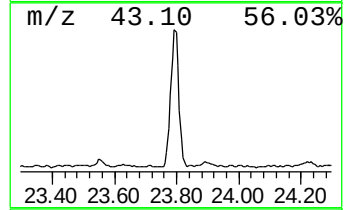
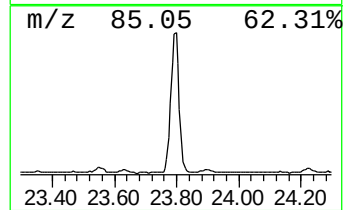
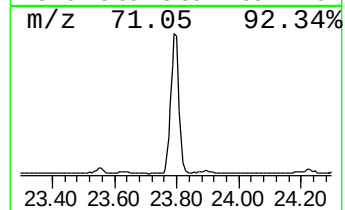
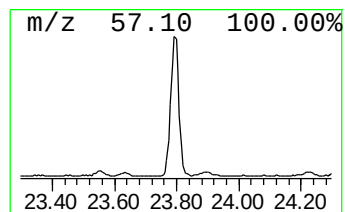
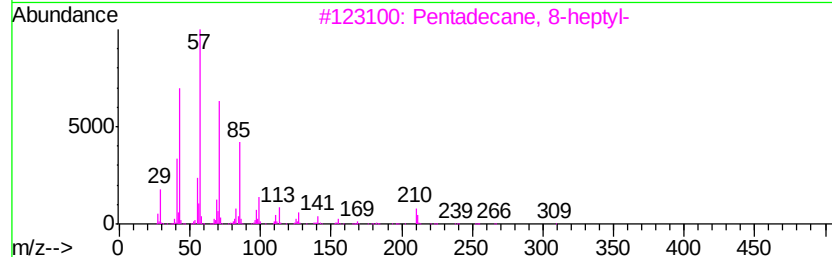
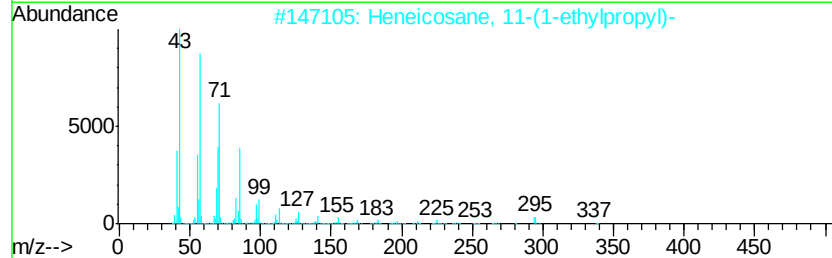
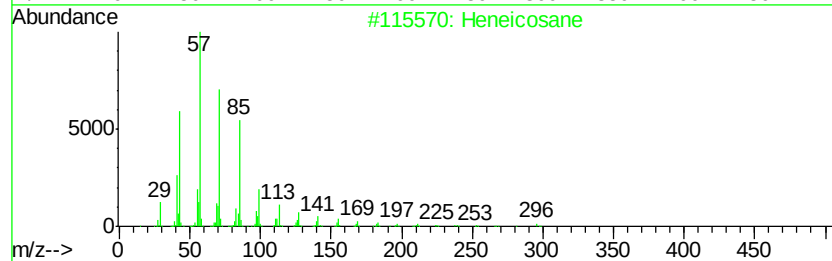
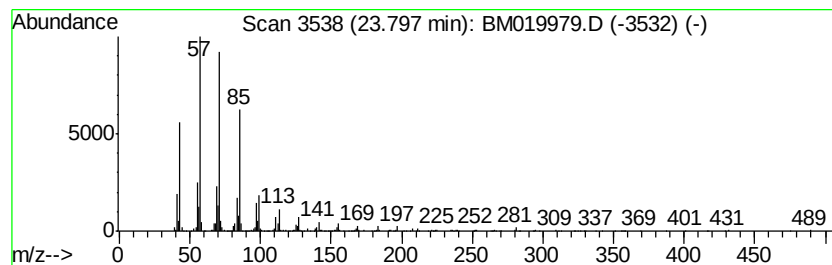
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane, 11-(1-ethylpro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	12.51 ng	1392110	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Heptadecane	240	C17H36	000629-78-7	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
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Acq On : 19 Apr 2019 17:35
Operator : JU/SJ
Sample : K2484-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

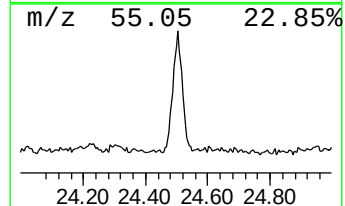
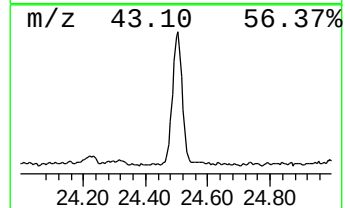
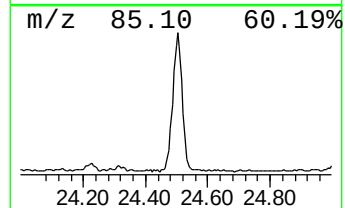
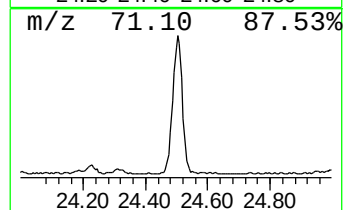
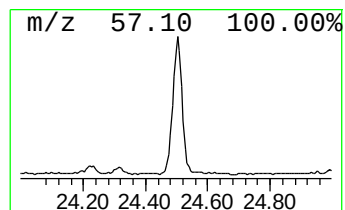
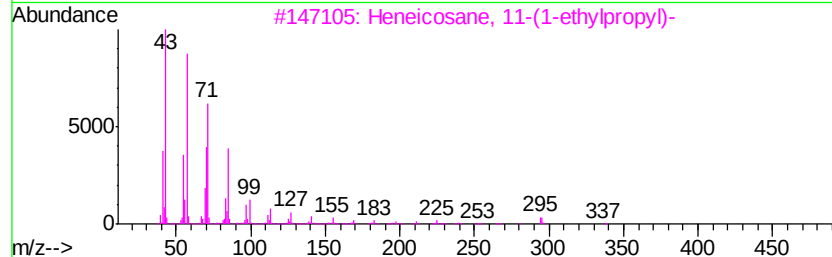
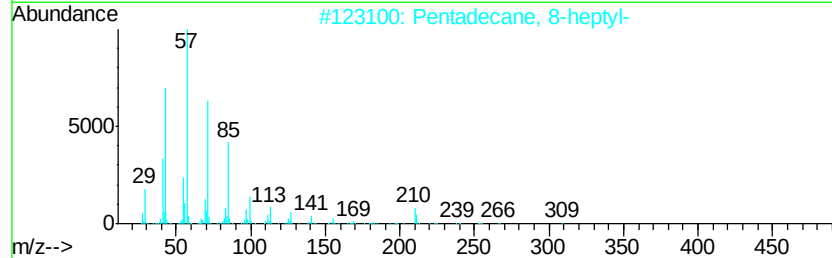
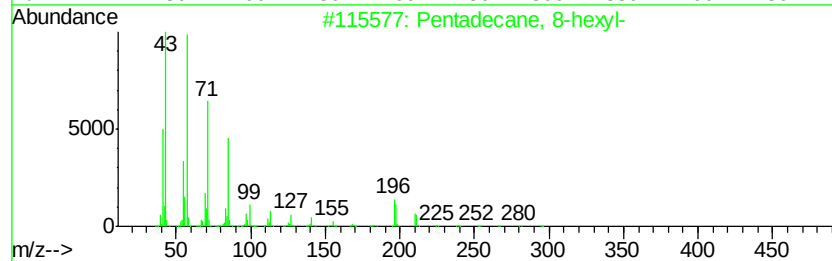
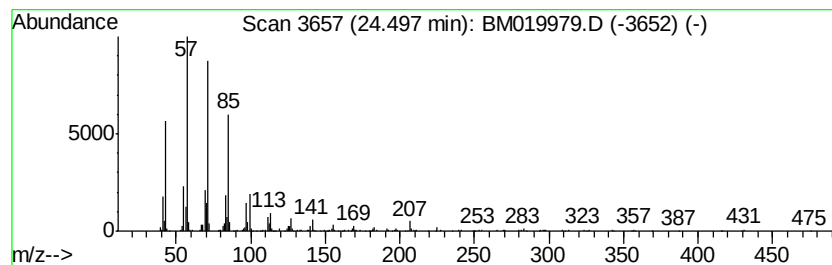
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
24.50	7.03 ng	783095	Perylene-d12		23.35	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4		Docosane, 5-butyl-	366	C26H54	055282-16-1	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019979.D
 Acq On : 19 Apr 2019 17:35
 Operator : JU/SJ
 Sample : K2484-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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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Octadecanoic acid	19.13	4.2	ng	582910	5	21.16	2769600	20.0
Ethanol, 2-(octad...	20.85	3.1	ng	434843	5	21.16	2769600	20.0
Octadecane	21.29	2.2	ng	307557	5	21.16	2769600	20.0
Octadecane, 2-met...	21.71	4.8	ng	659203	5	21.16	2769600	20.0
Heneicosane	22.16	8.3	ng	1145550	5	21.16	2769600	20.0
Tridecane, 7-hexyl-	22.64	13.0	ng	1447870	6	23.35	2226420	20.0
Heptacosane	23.18	14.5	ng	1611850	6	23.35	2226420	20.0
Heneicosane, 11-(...	23.80	12.5	ng	1392110	6	23.35	2226420	20.0
Pentadecane, 8-he...	24.50	7.0	ng	783095	6	23.35	2226420	20.0