

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022503.D
 Acq On : 03 Sep 2019 15:16
 Operator : HP/JU
 Sample : K4555-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-13

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-BM082919.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	5.128	359	364	381	rBV	157605	249505	15.57%	3.820%
2	6.704	627	632	647	rBV	76110	148010	9.24%	2.266%
3	7.040	683	689	704	rBV	363351	567558	35.42%	8.690%
4	7.504	763	768	775	rBB	73813	111294	6.94%	1.704%
5	7.810	814	820	831	rBB	364078	564065	35.20%	8.636%
6	8.675	961	967	988	rBV	194541	395372	24.67%	6.053%
7	10.281	1234	1240	1251	rBV	54420	117930	7.36%	1.806%
8	12.769	1657	1663	1686	rBV	560312	907443	56.63%	13.893%
9	14.174	1896	1902	1912	rBV2	86119	148679	9.28%	2.276%
10	15.686	2153	2159	2173	rBV	482782	805861	50.29%	12.338%
11	16.945	2368	2373	2389	rBV	84504	155691	9.72%	2.384%
12	17.833	2519	2524	2533	rBV	14838	24119	1.51%	0.369%
13	19.580	2815	2821	2834	rBV	1344160	1602525	100.00%	24.535%
14	20.845	3032	3036	3046	rBV3	29788	49398	3.08%	0.756%
15	21.162	3085	3090	3101	rBV2	128677	205309	12.81%	3.143%
16	21.280	3106	3110	3113	rBV	25521	29178	1.82%	0.447%
17	21.703	3178	3182	3185	rBV2	28887	33766	2.11%	0.517%
18	22.145	3254	3257	3262	rVB	35766	40320	2.52%	0.617%
19	22.627	3335	3339	3345	rVB2	35377	49102	3.06%	0.752%
20	23.162	3426	3430	3436	rBV2	34978	46979	2.93%	0.719%
21	23.344	3455	3461	3478	rBV	103227	238634	14.89%	3.654%
22	23.768	3530	3533	3539	rVB3	23868	40720	2.54%	0.623%

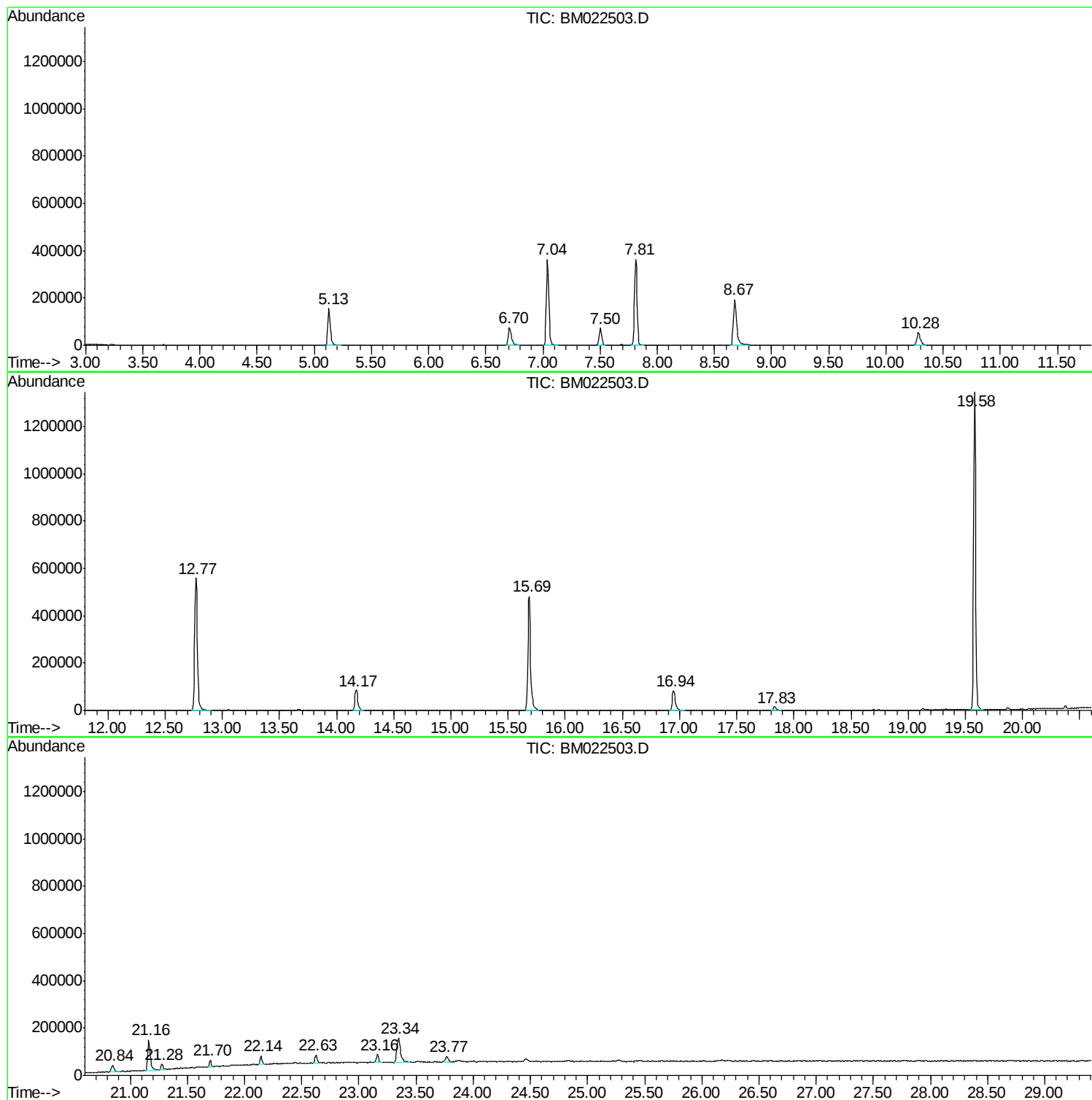
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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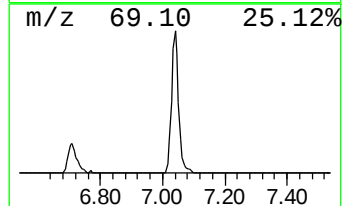
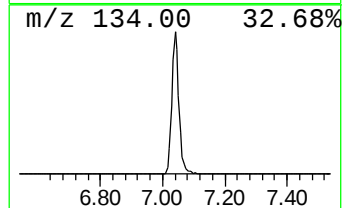
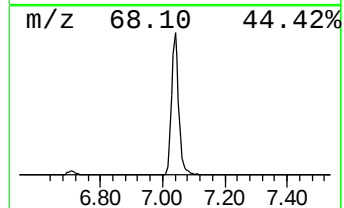
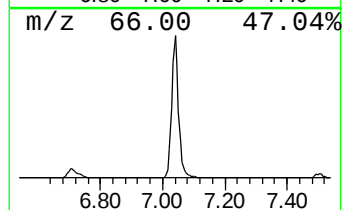
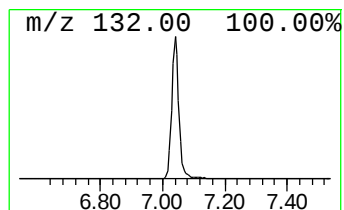
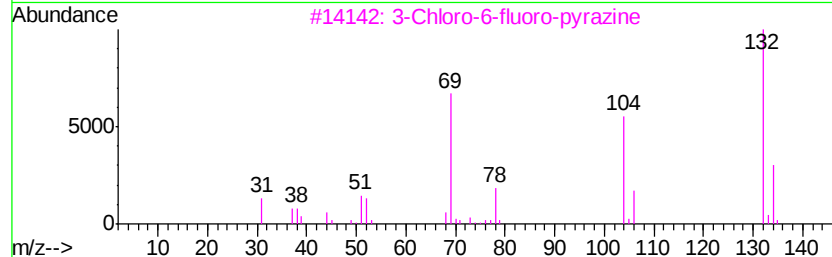
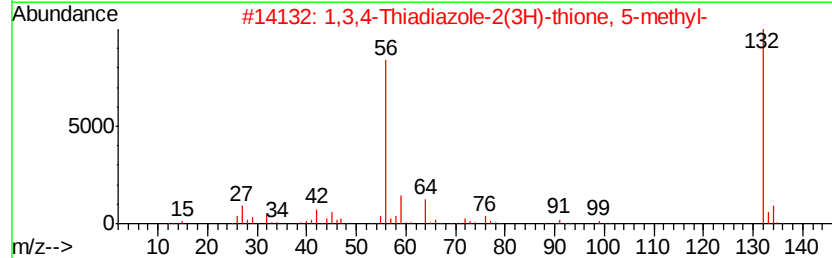
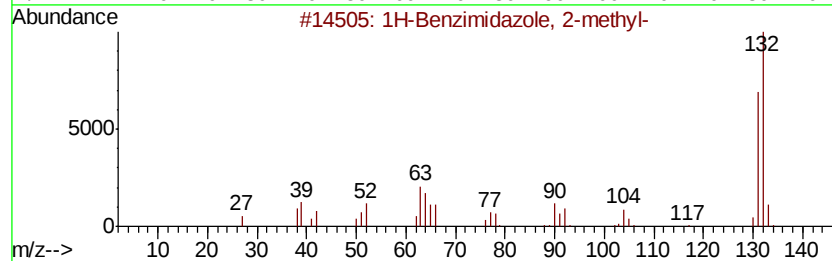
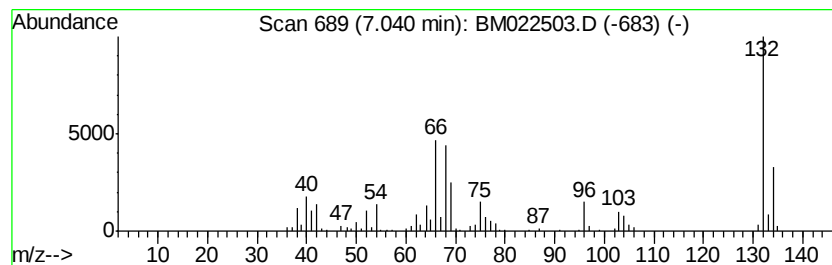
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	101.99 ng	567558	1,4-Dichlorobenzene-d4	7.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	18
2		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12



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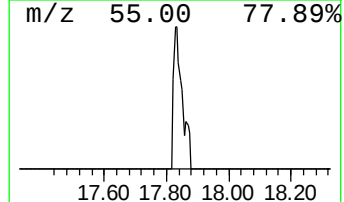
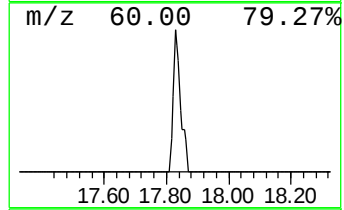
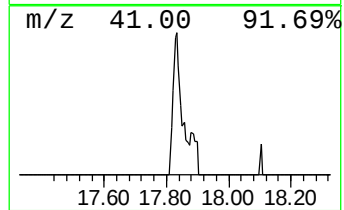
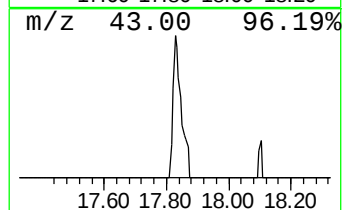
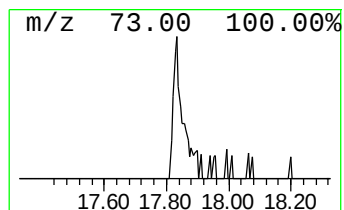
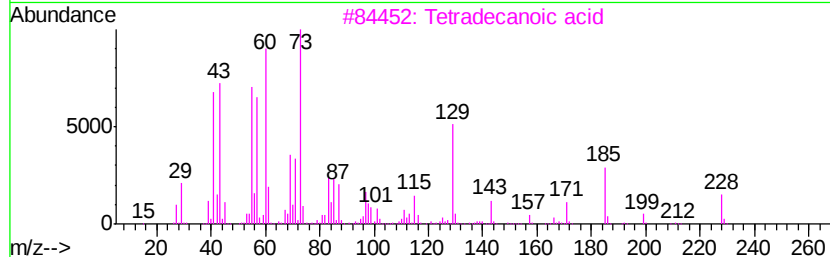
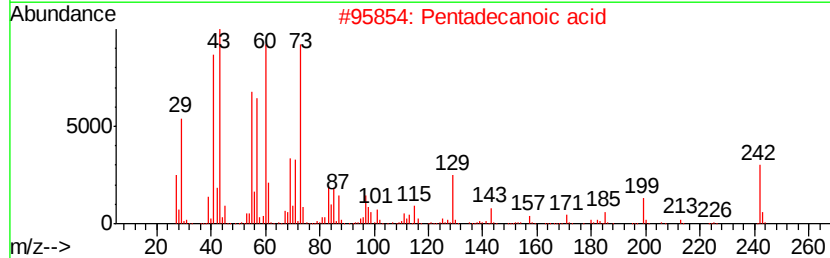
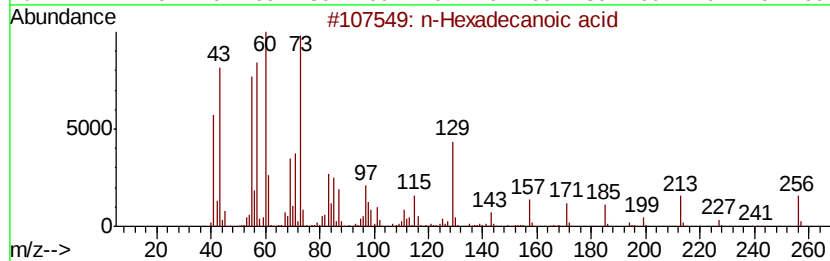
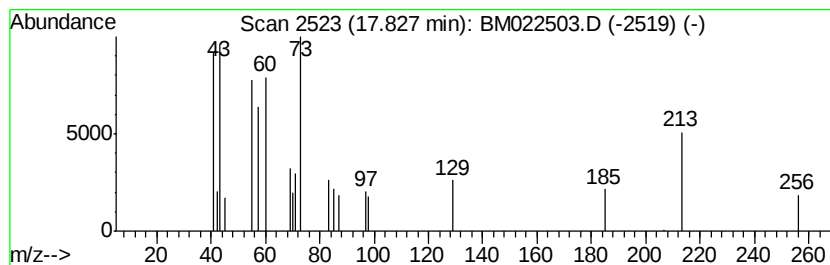
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.10 ng	24119	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4	Tridecanoic acid	214	C13H26O2	000638-53-9	43
5	Dodecanoic acid	200	C12H24O2	000143-07-7	32



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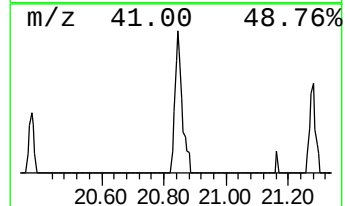
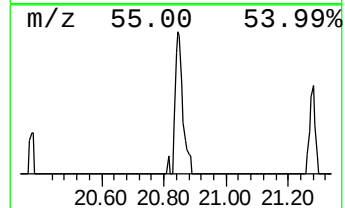
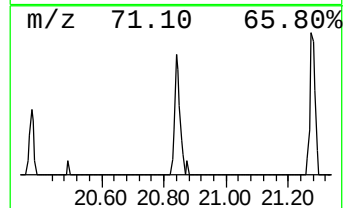
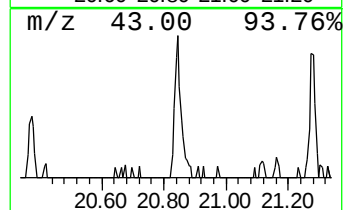
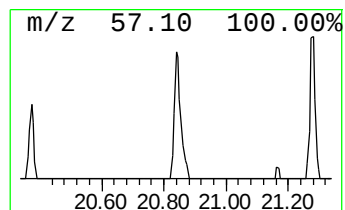
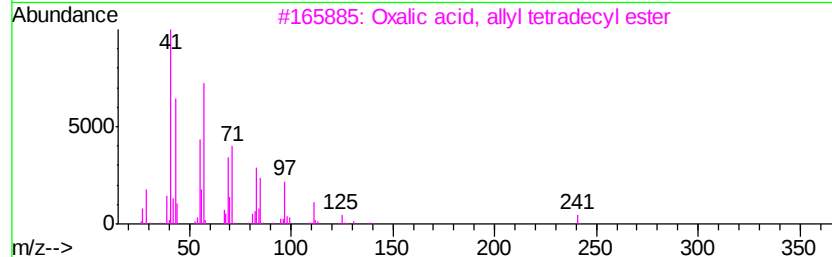
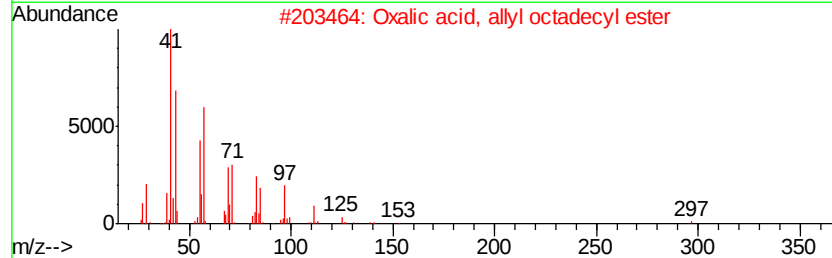
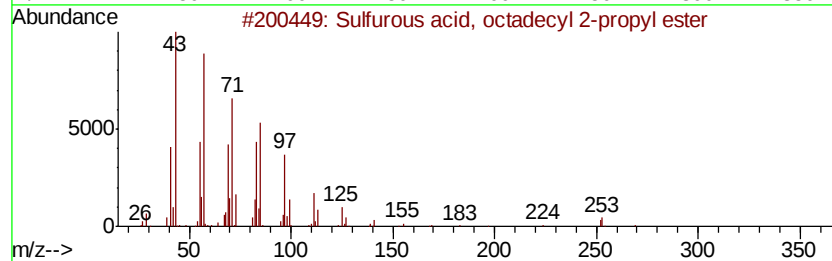
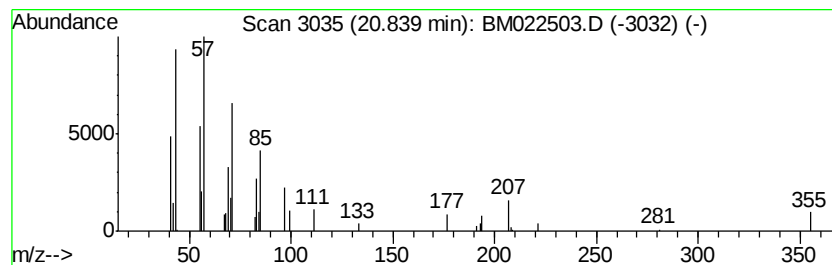
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Peak Number 4 Sulfurous acid, octadecyl 2... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	4.81 ng	49398	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	86
2		Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	86
3		Oxalic acid, allyl tetradecyl ester	326	C19H34O4	1000309-24-2	86
4		Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	83
5		Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	72



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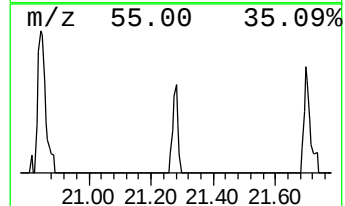
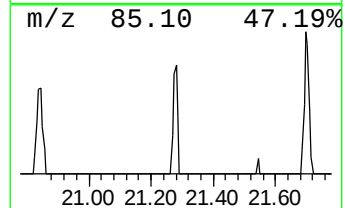
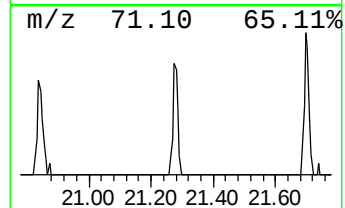
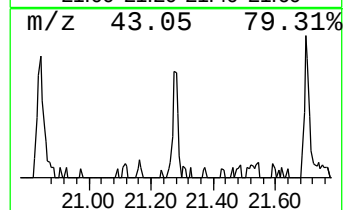
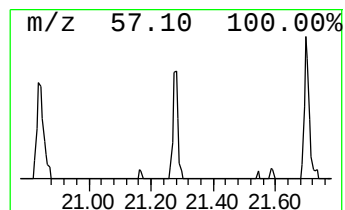
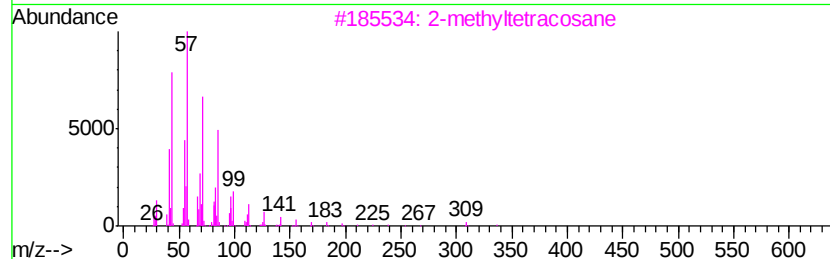
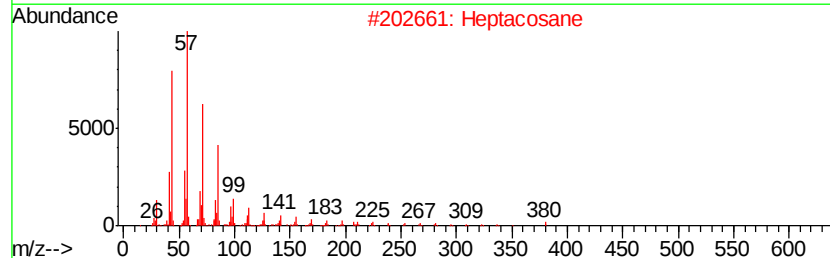
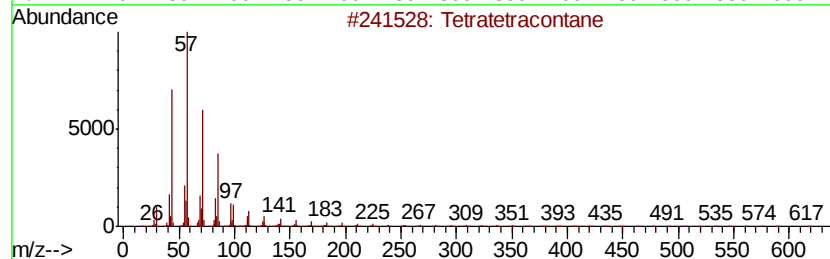
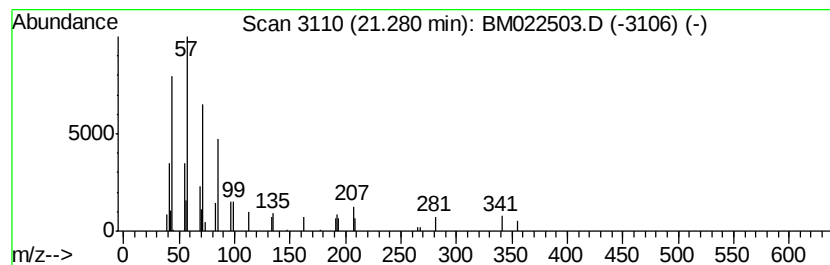
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Peak Number 5 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	2.84 ng	29178	Chrysene-d12	21.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	64
2		Heptacosane	380	C27H56	000593-49-7	64
3		2-methyltetracosane	352	C25H52	1000376-72-6	64
4		Hentriacontane	437	C31H64	000630-04-6	64
5		Tetracosane	338	C24H50	000646-31-1	64



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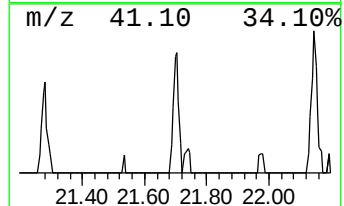
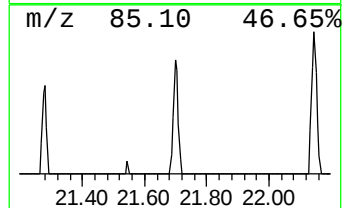
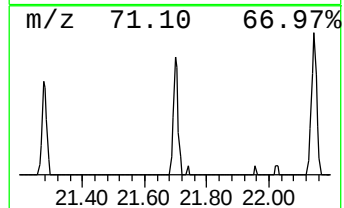
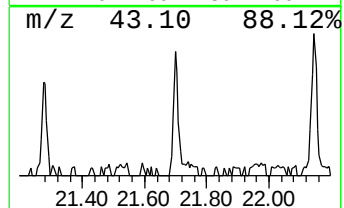
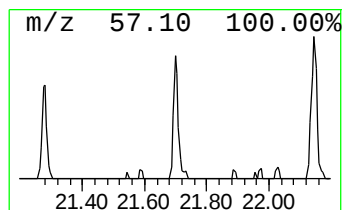
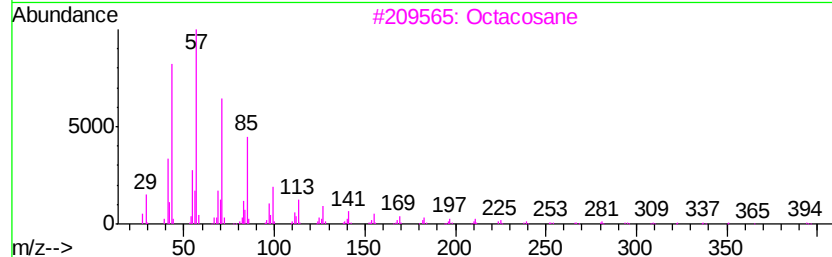
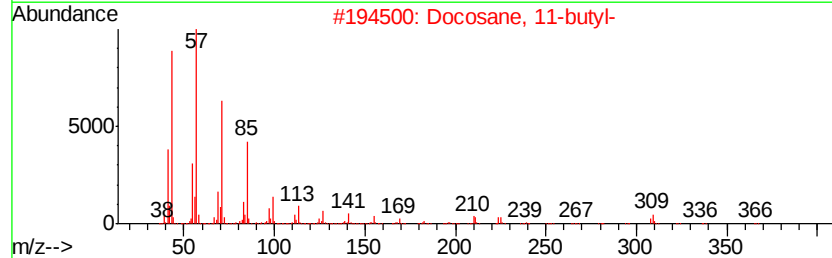
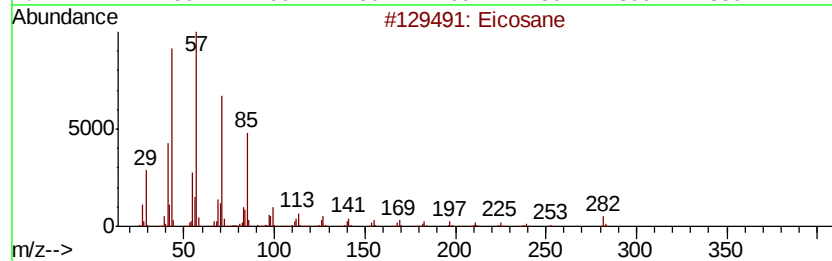
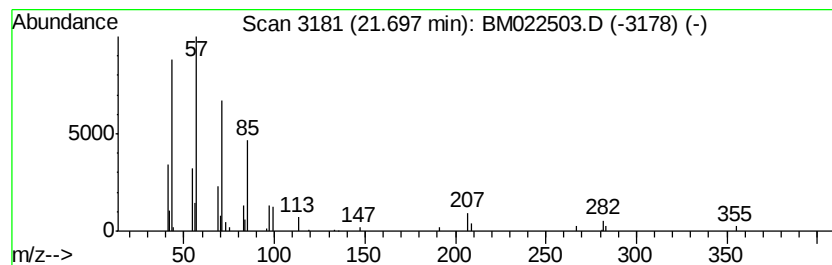
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	3.29 ng	33766	Chrysene-d12	21.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	62
2	Docosane, 11-butyl-		366	C26H54	013475-76-8	58
3	Octacosane		394	C28H58	000630-02-4	53
4	Hentriacontane		437	C31H64	000630-04-6	53
5	Docosane, 7-butyl-		366	C26H54	055282-15-0	53



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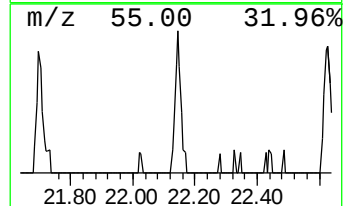
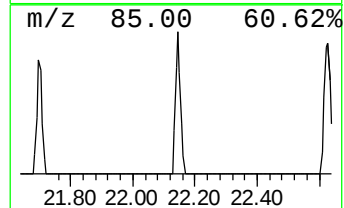
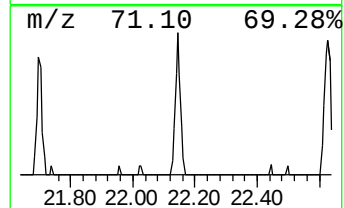
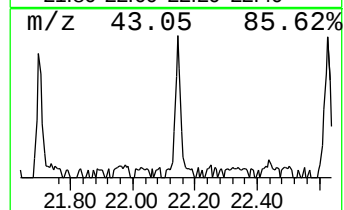
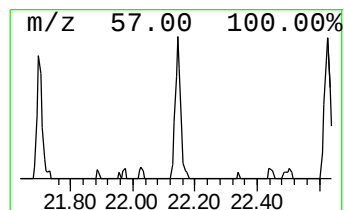
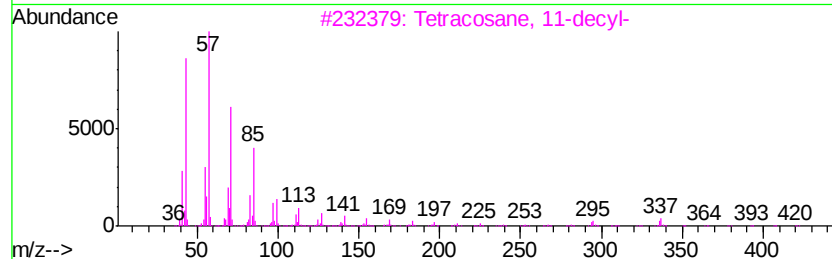
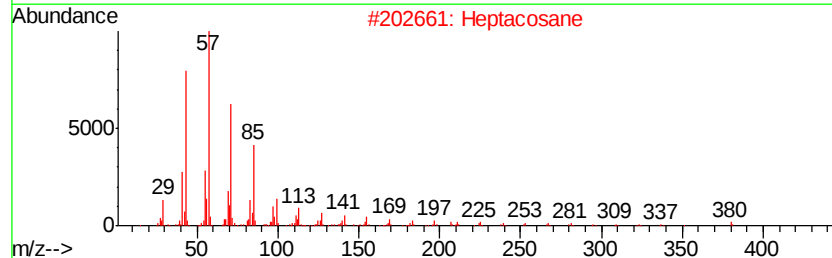
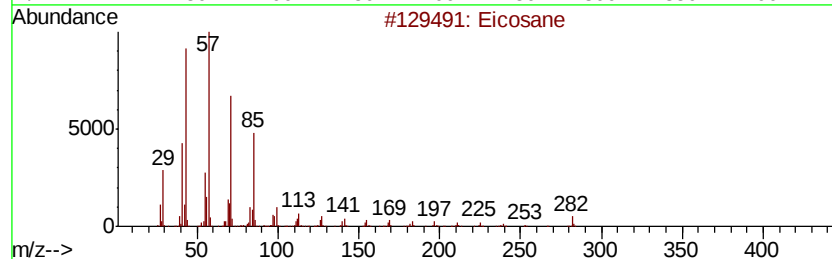
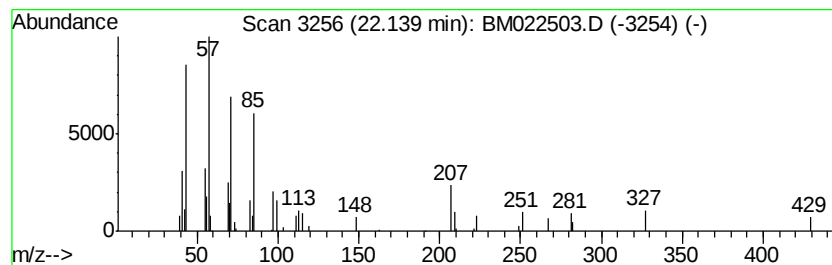
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 ClientSampleId :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.14	3.93 ng	40320	Chrysene-d12		21.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	81
2	Heptacosane	380	C27H56	000593-49-7	74
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	72
4	Tetratetracontane	619	C44H90	007098-22-8	72
5	Hexacosane	366	C26H54	000630-01-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022503.D
Acq On : 03 Sep 2019 15:16
Operator : HP/JU
Sample : K4555-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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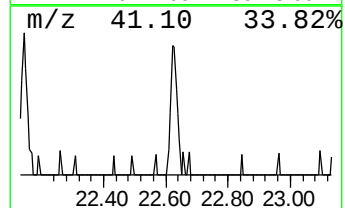
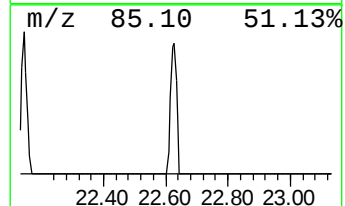
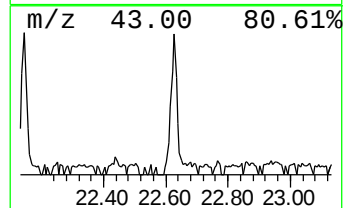
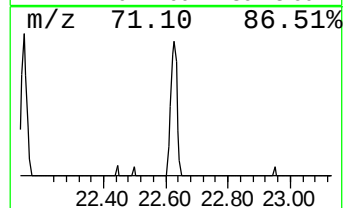
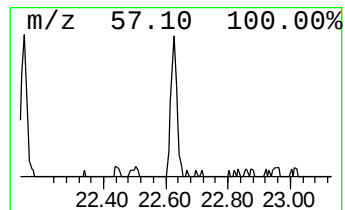
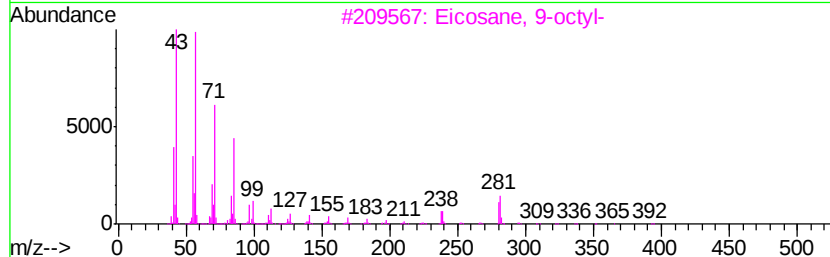
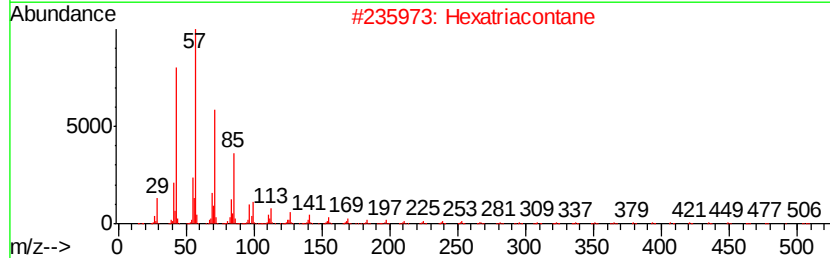
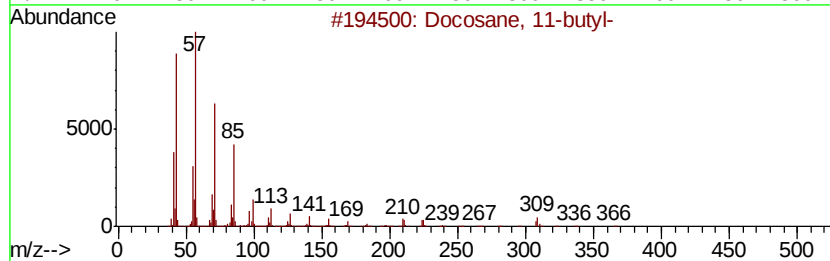
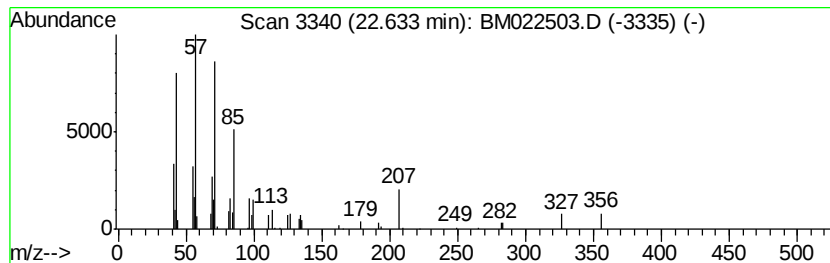
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Docosane, 11-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	4.12 ng	49102	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
2		Hexatriacontane	507	C36H74	000630-06-8	83
3		Eicosane, 9-octyl-	394	C28H58	013475-77-9	83
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83
5		2-methyloctacosane	408	C29H60	1000376-72-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022503.D
Acq On : 03 Sep 2019 15:16
Operator : HP/JU
Sample : K4555-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-13

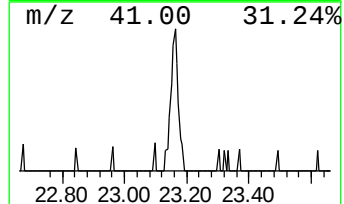
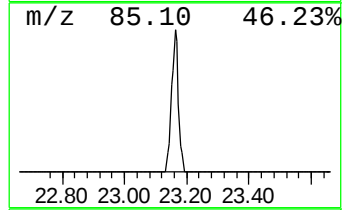
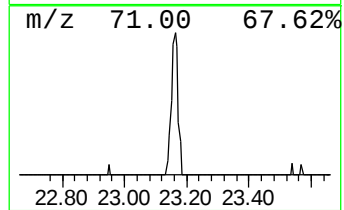
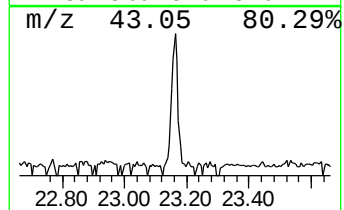
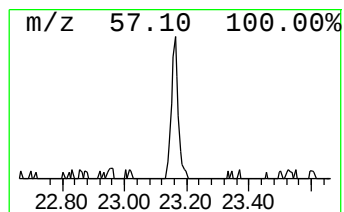
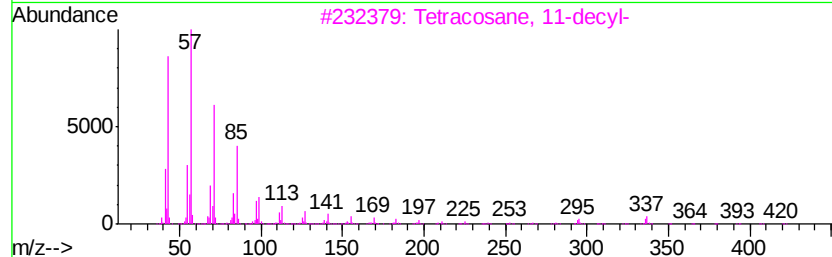
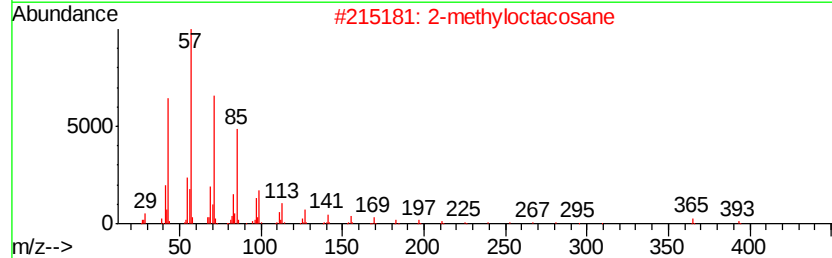
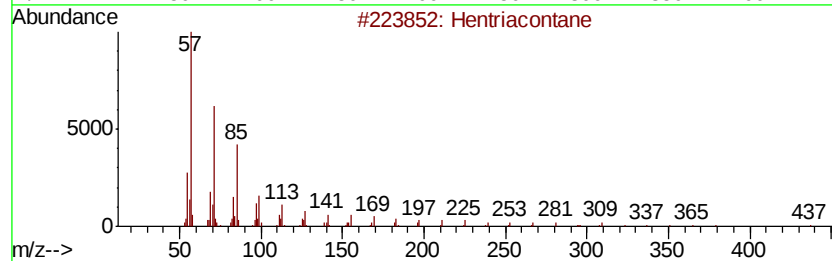
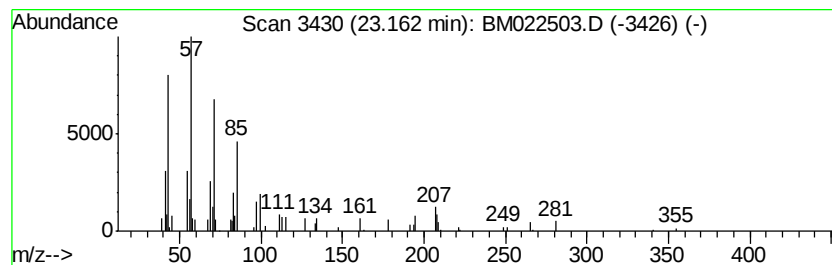
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	3.94 ng	46979	Perylene-d12	23.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	80
2	2-methyloctacosane		408	C29H60	1000376-72-8	80
3	Tetracosane, 11-decyl-		479	C34H70	055429-84-0	80
4	Heptacosane		380	C27H56	000593-49-7	72
5	Tetratetracontane		619	C44H90	007098-22-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022503.D
Acq On : 03 Sep 2019 15:16
Operator : HP/JU
Sample : K4555-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-13

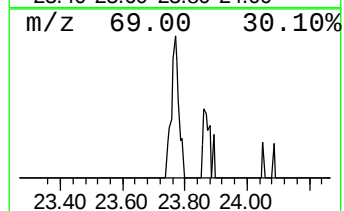
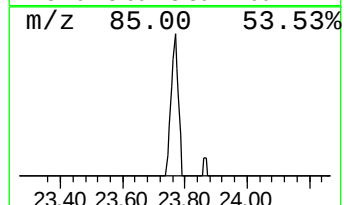
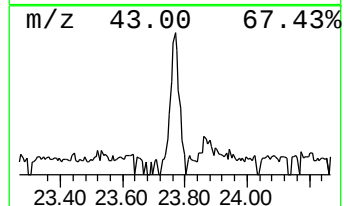
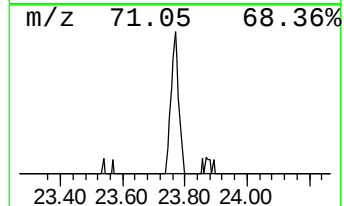
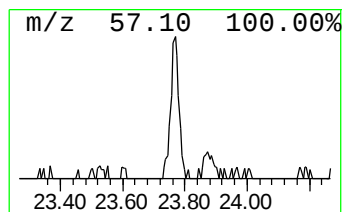
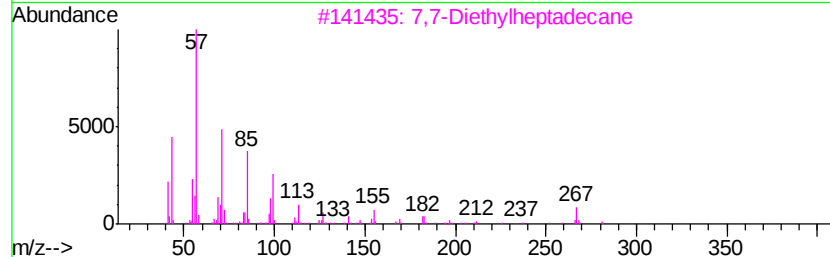
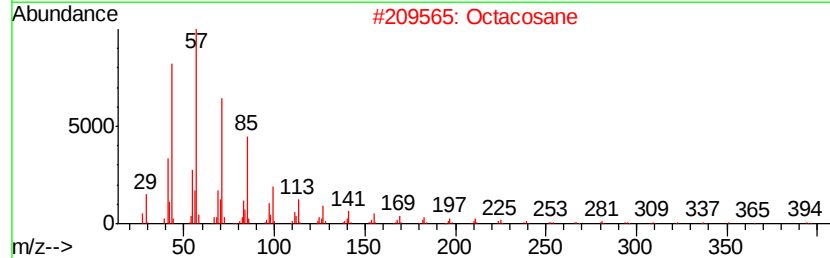
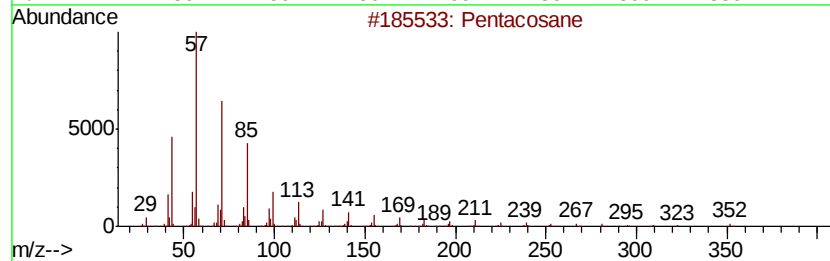
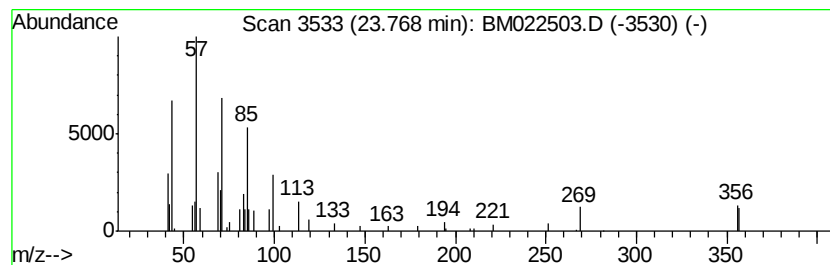
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	3.41 ng	40720	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	59
2		Octacosane	394	C28H58	000630-02-4	59
3		7,7-Diethylheptadecane	296	C21H44	1000360-41-5	59
4		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	53
5		Octadecane	254	C18H38	000593-45-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090319\
Data File : BM022503.D
Acq On : 03 Sep 2019 15:16
Operator : HP/JU
Sample : K4555-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexadecanoic acid	17.83	3.1	ng	24119	4	16.94	155691	20.0
Sulfurous acid, o...	20.84	4.8	ng	49398	5	21.16	205309	20.0
Tetratetracontane	21.28	2.8	ng	29178	5	21.16	205309	20.0
Eicosane	21.70	3.3	ng	33766	5	21.16	205309	20.0
Heptacosane	22.14	3.9	ng	40320	5	21.16	205309	20.0
Docosane, 11-butyl-	22.63	4.1	ng	49102	6	23.34	238634	20.0
Hentriacontane	23.16	3.9	ng	46979	6	23.34	238634	20.0
Pentacosane	23.77	3.4	ng	40720	6	23.34	238634	20.0