

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
 Data File : BM022209.D
 Acq On : 20 Aug 2019 13:09
 Operator : HP/JU
 Sample : K4332-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0618-SITE-WATER-38TH-ST

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-BM082019.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	5.181	368	373	385	rBV	401855	594616	15.26%	3.445%
2	6.757	635	641	656	rBV	302282	513325	13.17%	2.974%
3	7.104	694	700	712	rBV	785849	1210147	31.05%	7.010%
4	7.569	773	779	786	rBB	155733	228038	5.85%	1.321%
5	7.881	825	832	843	rVB	724917	1103284	28.31%	6.391%
6	8.739	971	978	995	rBV	510440	863436	22.16%	5.002%
7	10.345	1245	1251	1268	rBB	167197	288886	7.41%	1.674%
8	12.833	1667	1674	1689	rBV	1611151	2258360	57.95%	13.083%
9	13.704	1816	1822	1831	rBB	113731	164558	4.22%	0.953%
10	14.227	1905	1911	1917	rBV	285929	404756	10.39%	2.345%
11	15.733	2161	2167	2184	rBB	1534384	2038350	52.30%	11.808%
12	16.986	2375	2380	2389	rBV2	306356	472361	12.12%	2.736%
13	17.886	2525	2533	2543	rBV	233676	313277	8.04%	1.815%
14	18.462	2627	2631	2636	rVB	90968	109845	2.82%	0.636%
15	19.051	2729	2731	2747	rVB5	29288	62030	1.59%	0.359%
16	19.174	2747	2752	2762	rBV2	77132	110378	2.83%	0.639%
17	19.633	2824	2830	2835	rBV	3576091	3897106	100.00%	22.576%
18	20.297	2940	2943	2947	rBV	38319	43666	1.12%	0.253%
19	20.427	2961	2965	2969	rBV2	52150	63089	1.62%	0.365%
20	20.897	3041	3045	3057	rBV	152294	247877	6.36%	1.436%
21	21.197	3091	3096	3104	rBV	410443	517435	13.28%	2.997%
22	21.333	3115	3119	3123	rBV	77672	89182	2.29%	0.517%
23	21.756	3187	3191	3194	rBV	85720	89153	2.29%	0.516%
24	22.215	3264	3269	3280	rBV2	241439	383436	9.84%	2.221%
25	22.327	3284	3288	3295	rVB	352037	438335	11.25%	2.539%
26	22.691	3347	3350	3355	rVB2	76368	103282	2.65%	0.598%
27	23.238	3439	3443	3449	rVB	62962	97629	2.51%	0.566%
28	23.397	3464	3470	3479	rVB2	242375	471179	12.09%	2.730%
29	23.862	3545	3549	3557	rVB2	47345	85248	2.19%	0.494%

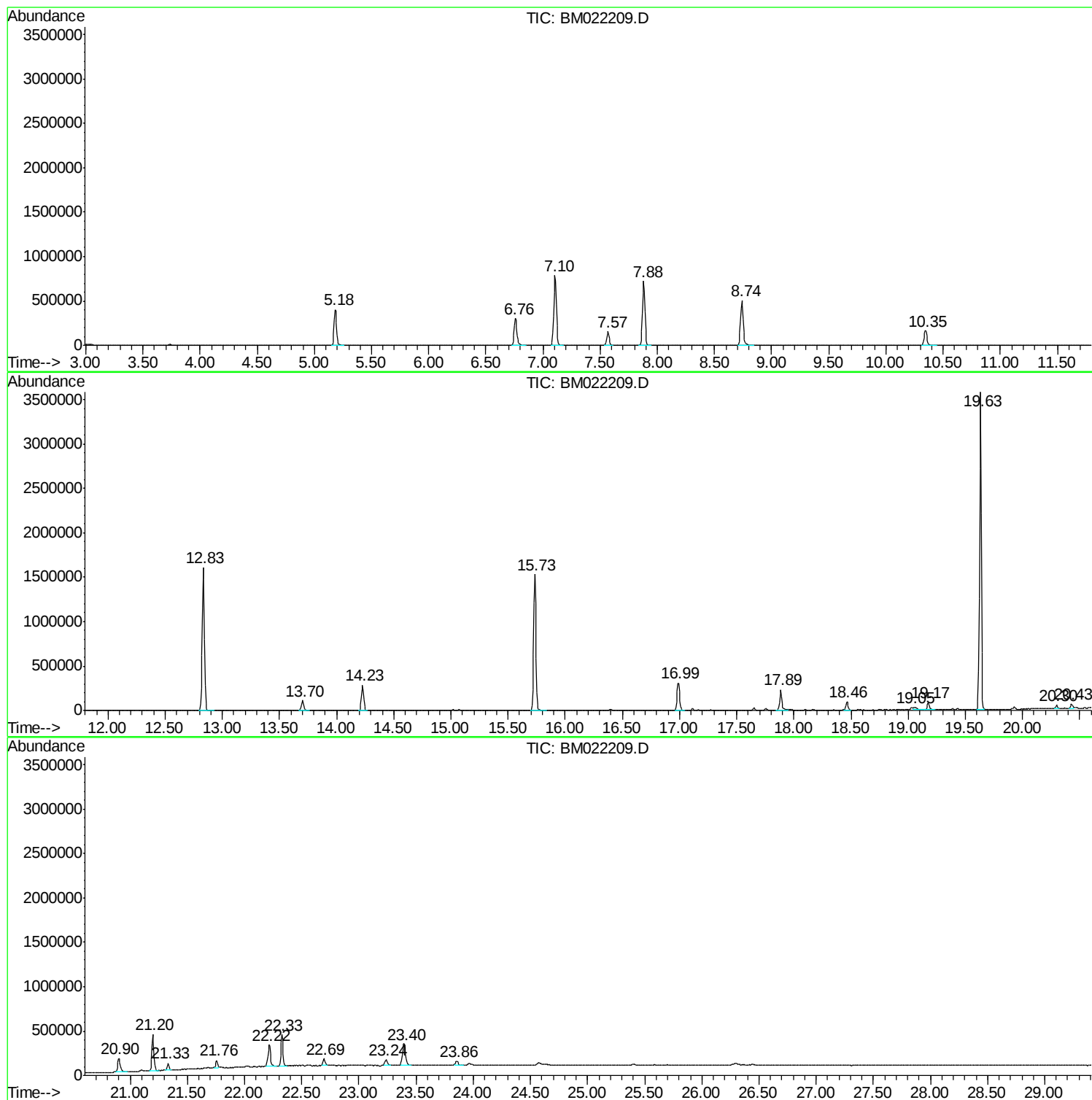
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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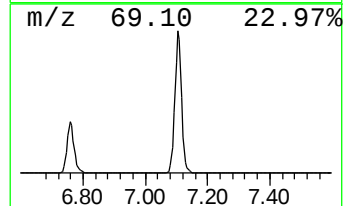
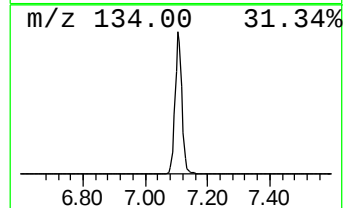
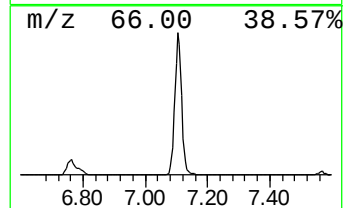
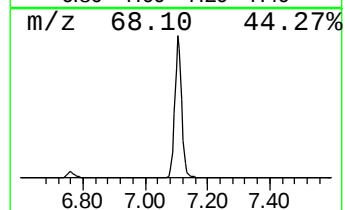
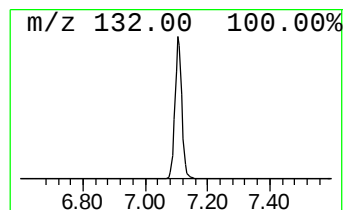
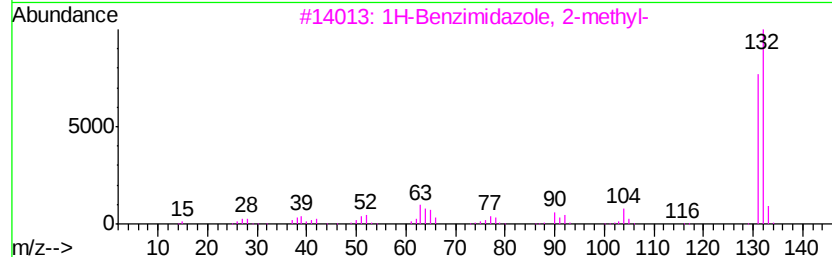
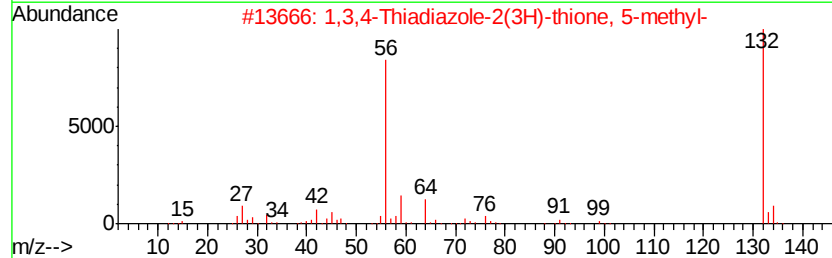
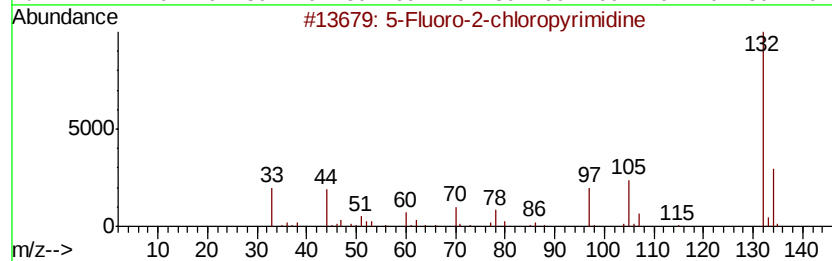
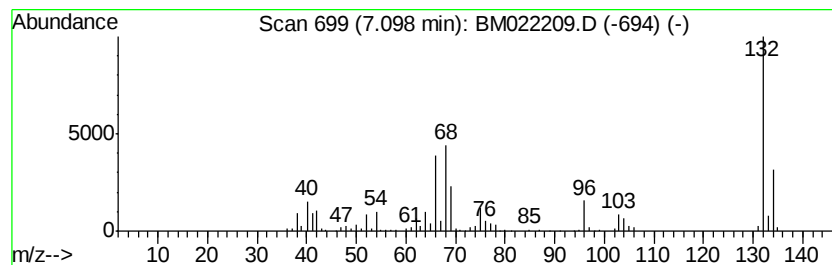
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	106.14 ng	1210150	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2			1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
4			Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	22
5			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22



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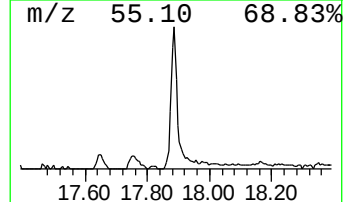
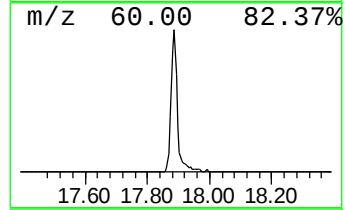
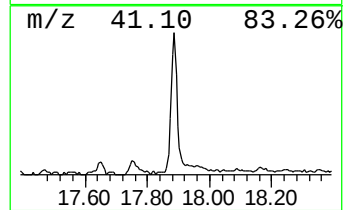
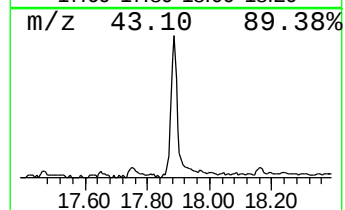
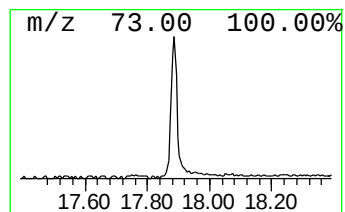
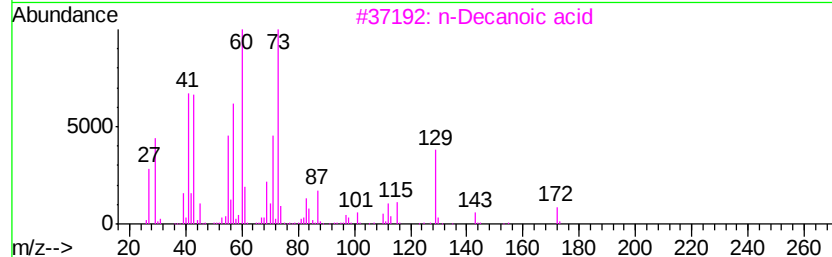
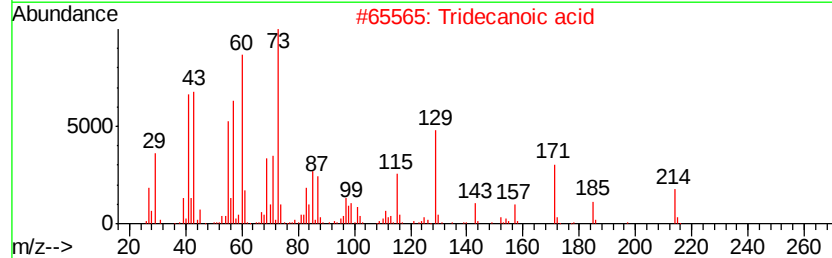
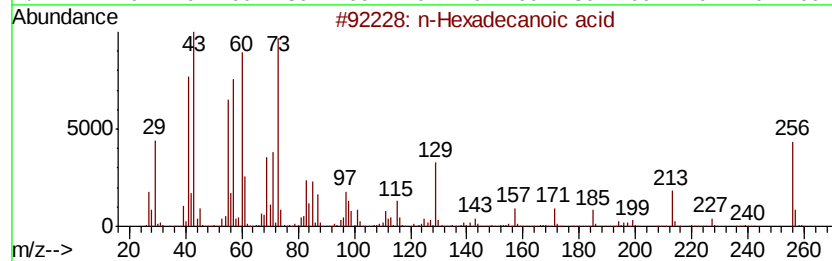
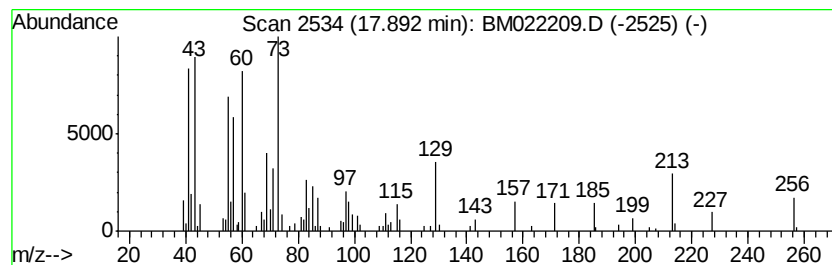
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	13.26 ng	313277	Phenanthrene-d10		16.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50



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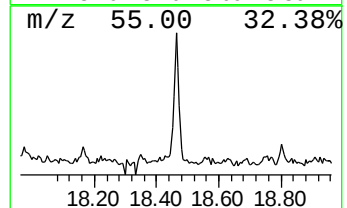
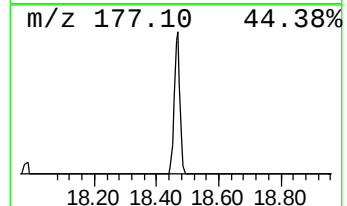
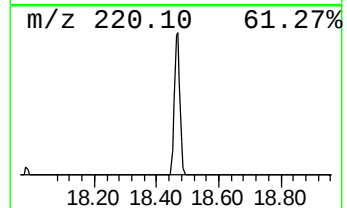
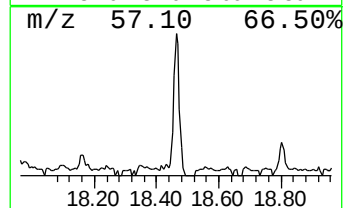
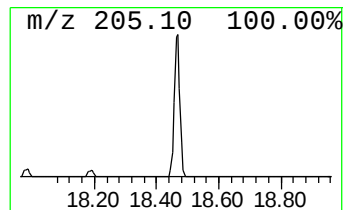
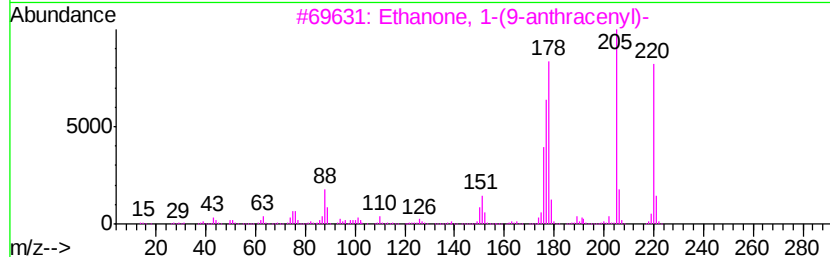
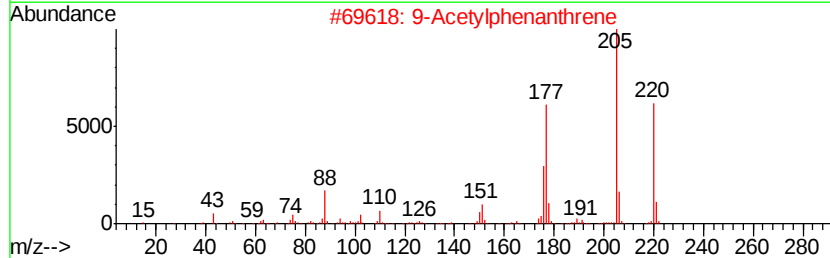
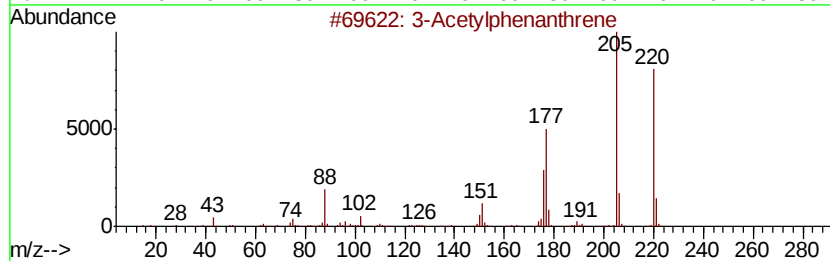
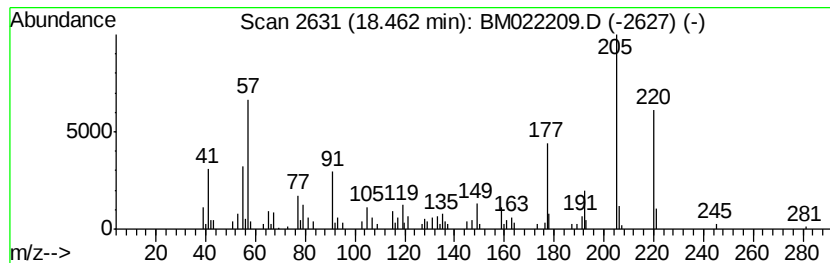
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Peak Number 4 3-Acetylphenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	4.65 ng	109845	Phenanthrene-d10	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Acetylphenanthrene	220	C16H12O	002039-76-1	76
2		9-Acetylphenanthrene	220	C16H12O	002039-77-2	68
3		Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	64
4		Chrom-6-ol-4-one, 2,3-dihydroxy-...	220	C13H16O3	084945-26-6	49
5		4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	38



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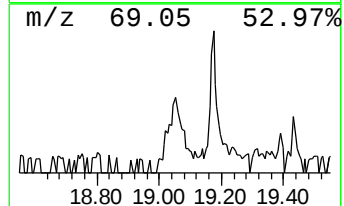
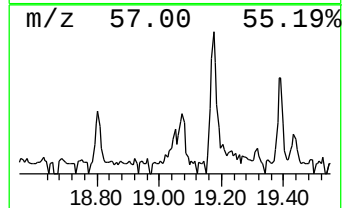
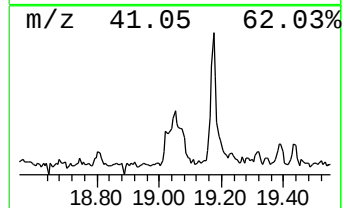
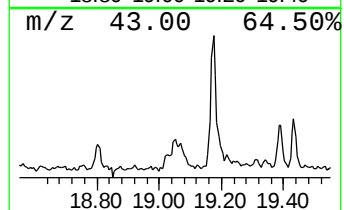
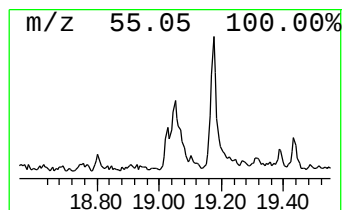
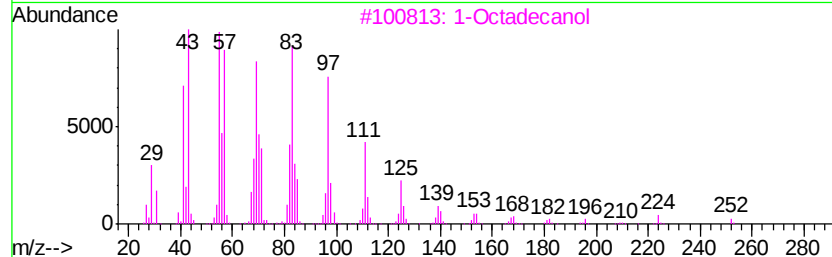
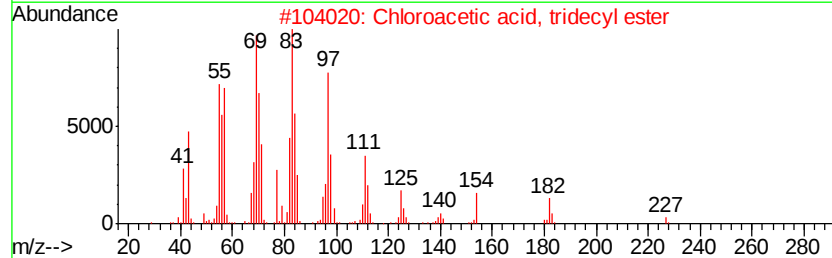
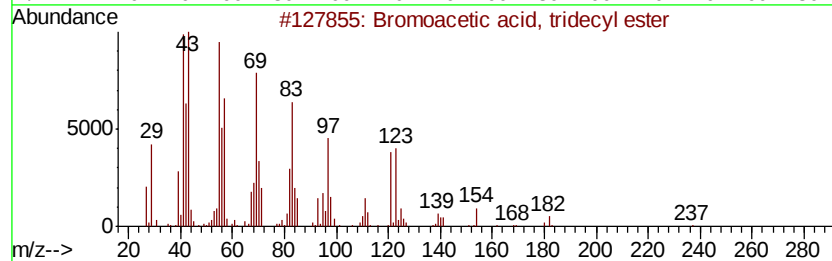
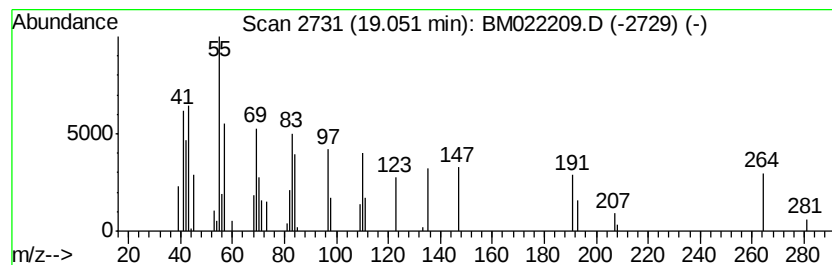
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Peak Number 5 unknown19.05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	2.63 ng	62030	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, tridecyl ester	320	C15H29BrO2	1000281-85-0	43
2		Chloroacetic acid, tridecyl ester	276	C15H29ClO2	018277-85-5	22
3		1-Octadecanol	270	C18H38O	000112-92-5	14
4		1-Pentadecanol	228	C15H32O	000629-76-5	14
5		1-Tetradecanol	214	C14H30O	000112-72-1	14



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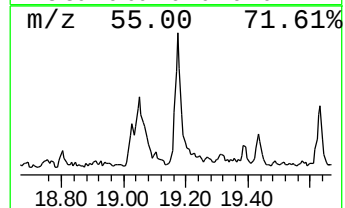
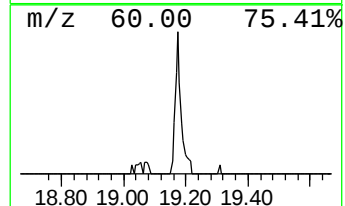
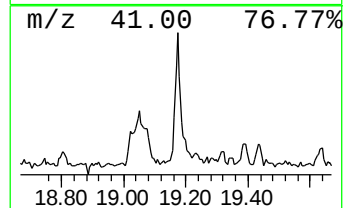
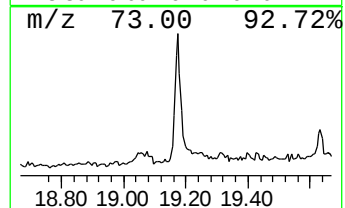
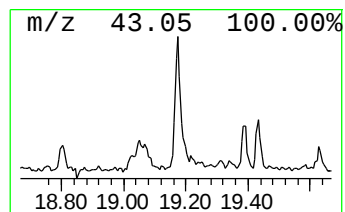
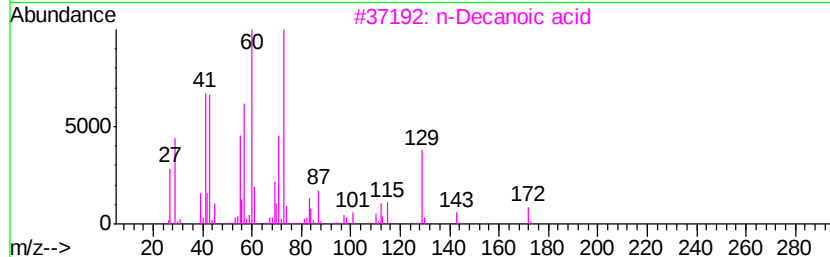
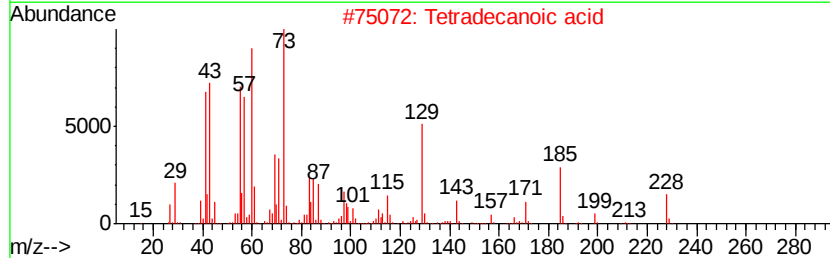
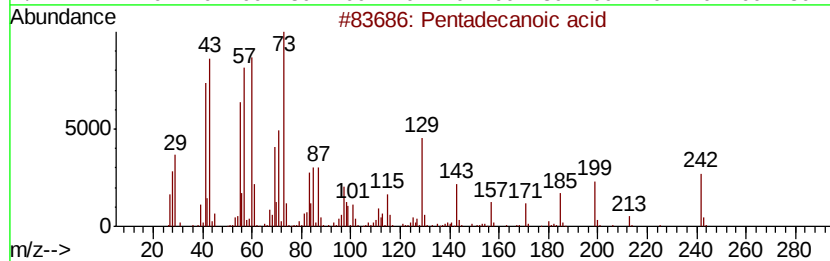
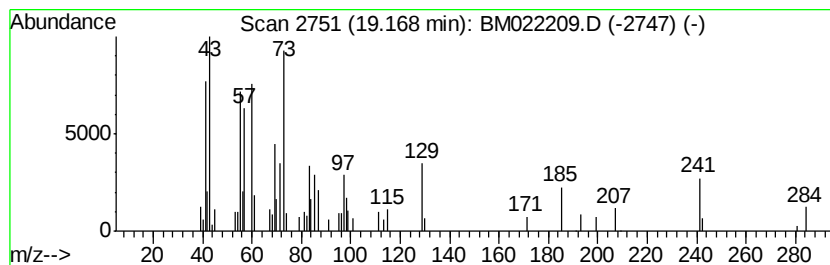
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Peak Number 6 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.27 ng	110378	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	92	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50	
4	Undecanoic acid	186	C11H22O2	000112-37-8	50	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50	



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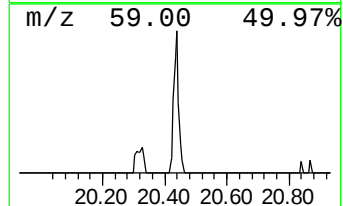
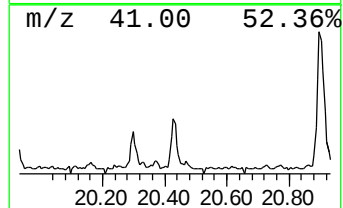
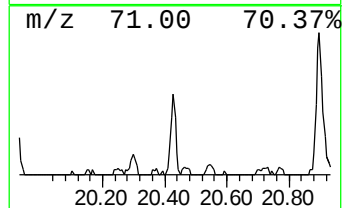
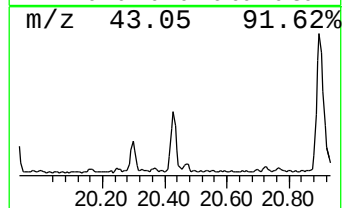
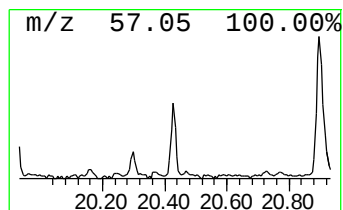
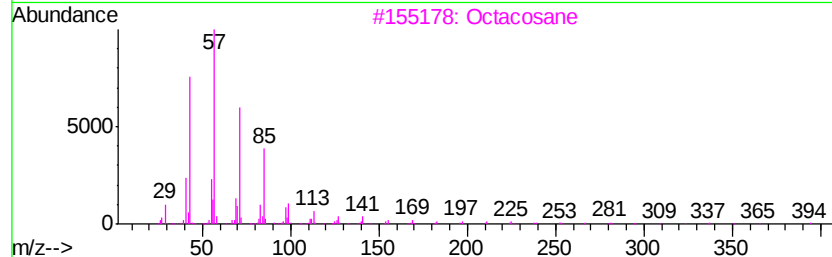
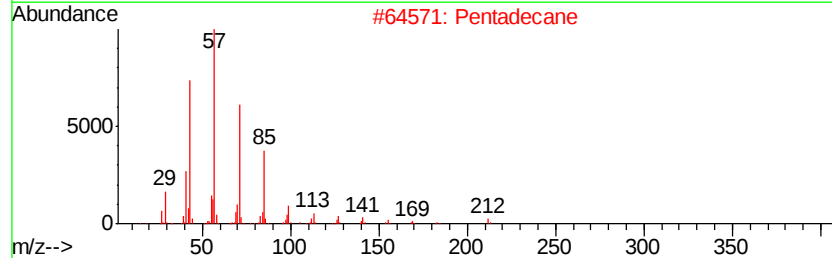
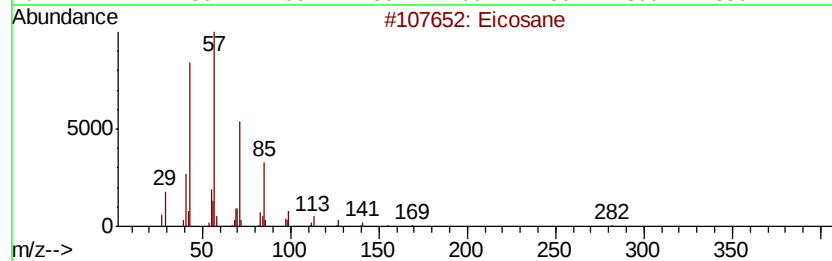
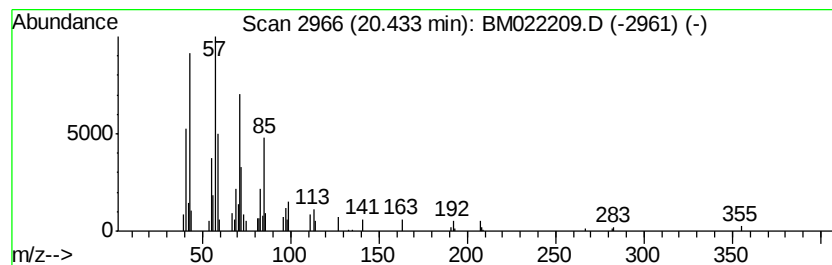
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ClientSampleId :
0618-SITE-WATER-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
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 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.44 ng	63089	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	78
2	Pentadecane	212 C15H32	000629-62-9	64
3	Octacosane	394 C28H58	000630-02-4	64
4	Heptacosane	380 C27H56	000593-49-7	64
5	10-Methylnonadecane	282 C20H42	056862-62-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022209.D
Acq On : 20 Aug 2019 13:09
Operator : HP/JU
Sample : K4332-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0618-SITE-WATER-38TH-ST

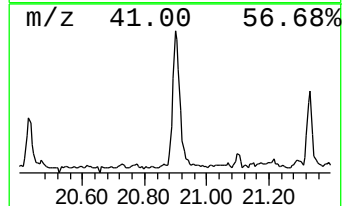
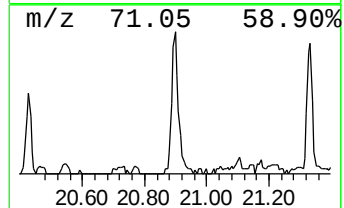
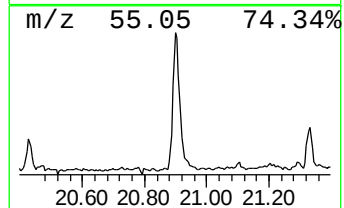
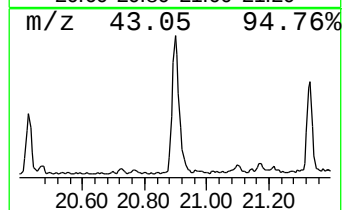
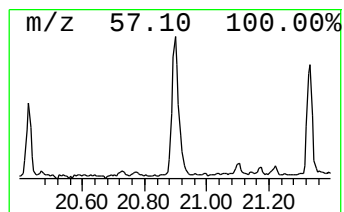
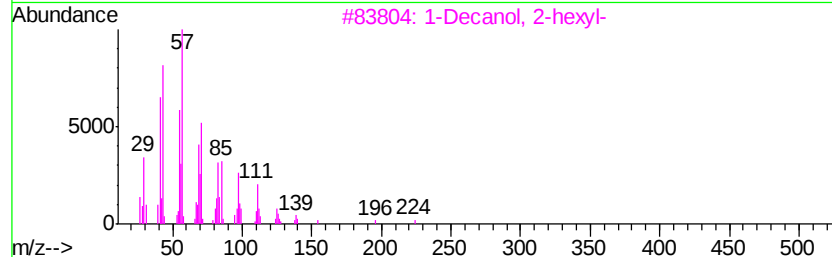
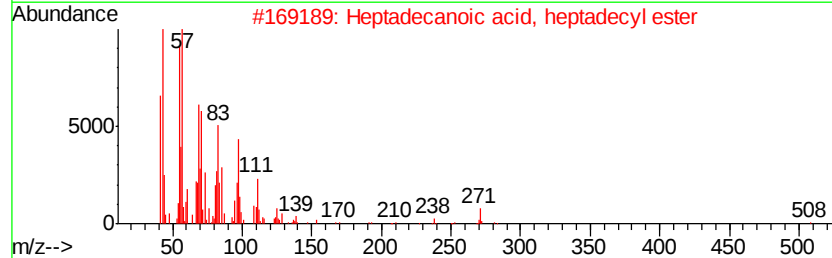
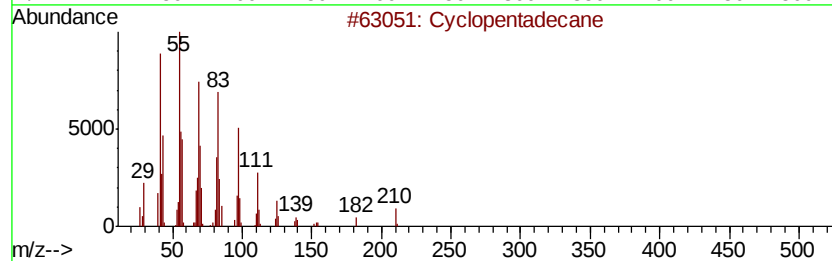
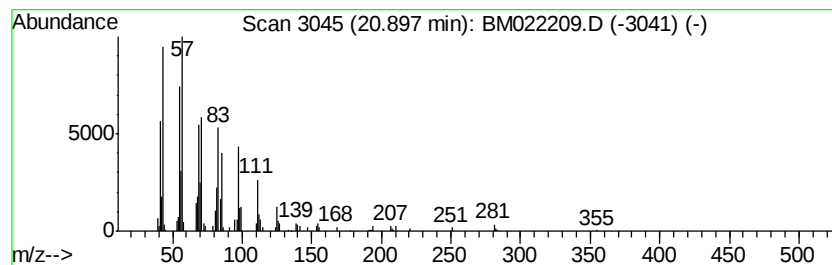
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	9.58 ng	247877	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	78
2		Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	74
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74
4		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	74
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
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ClientSampleId :
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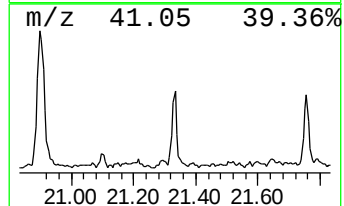
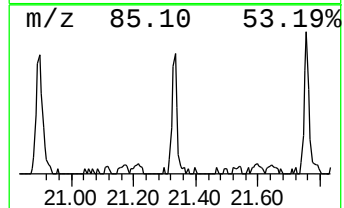
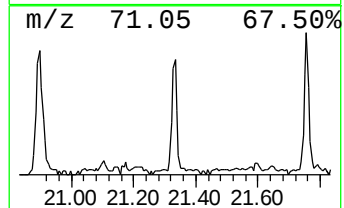
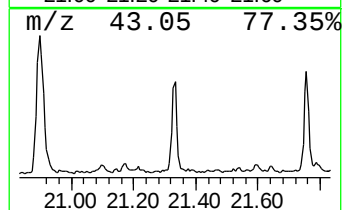
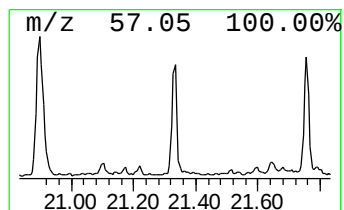
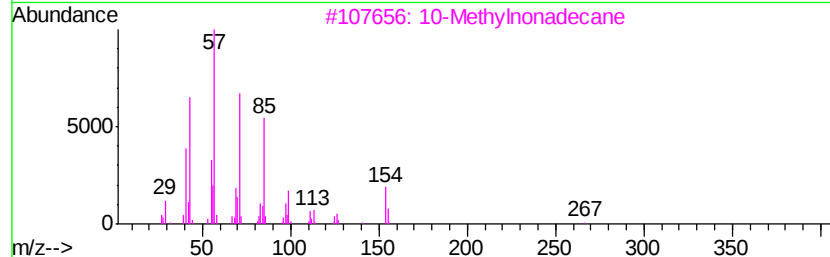
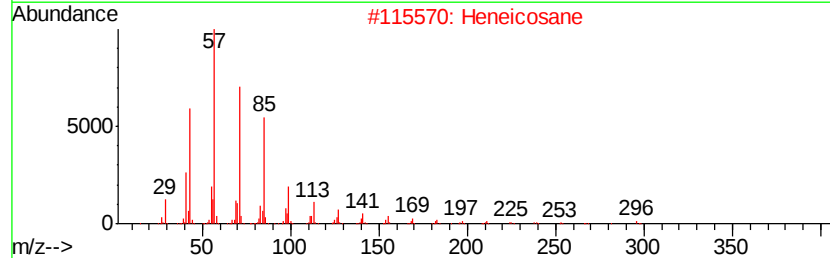
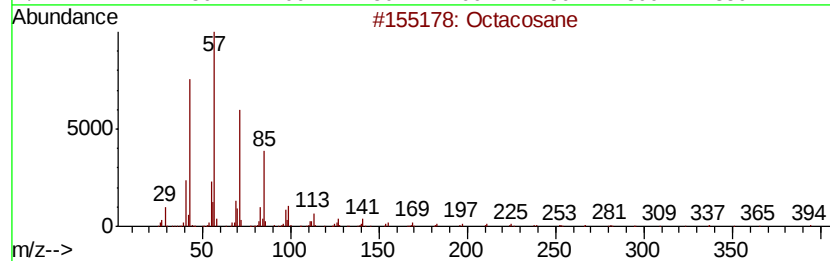
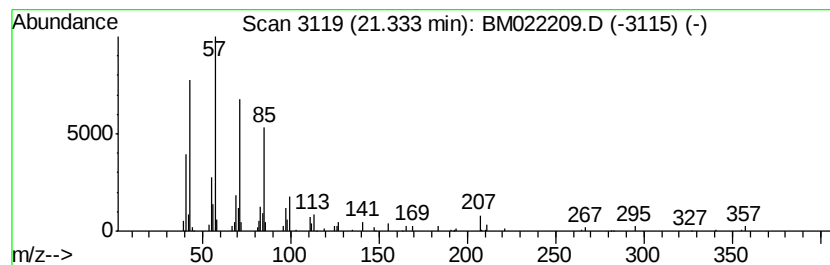
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.45 ng	89182	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		10-Methylnonadecane	282	C20H42	056862-62-5	87
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022209.D
Acq On : 20 Aug 2019 13:09
Operator : HP/JU
Sample : K4332-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
0618-SITE-WATER-38TH-ST

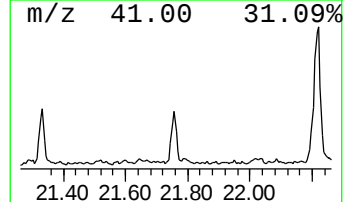
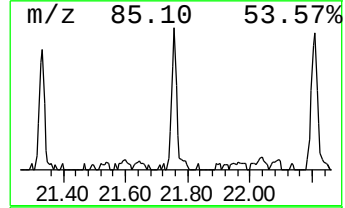
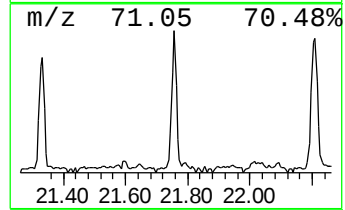
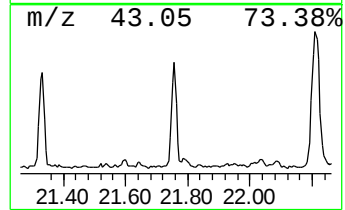
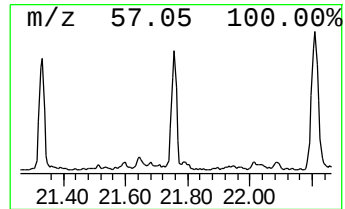
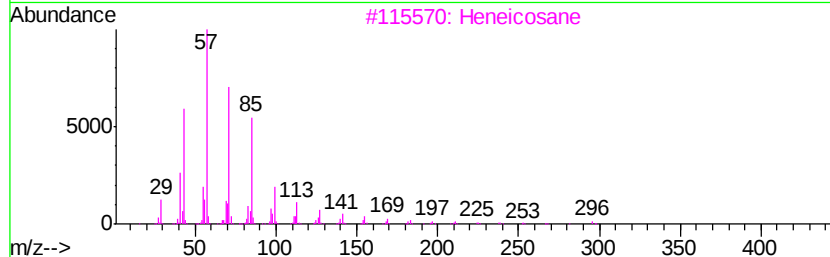
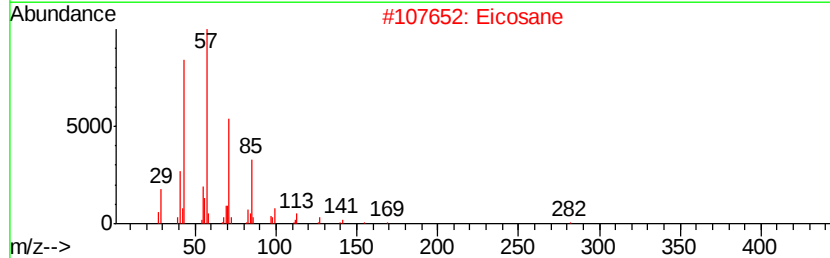
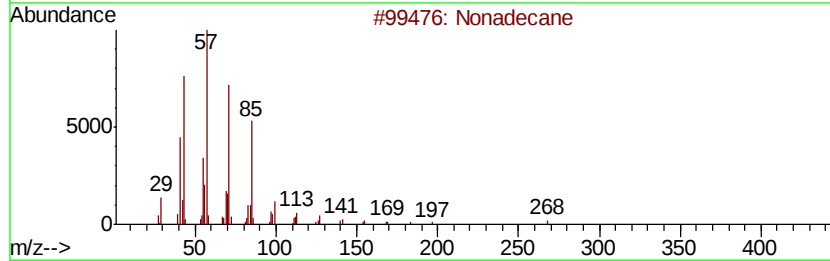
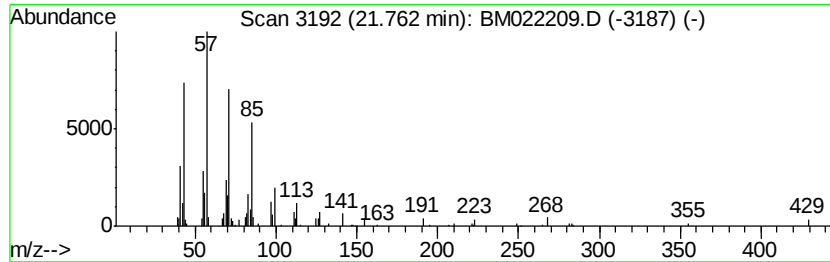
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.45 ng	89153	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	97
2			Eicosane	282	C20H42	000112-95-8	93
3			Heneicosane	296	C21H44	000629-94-7	90
4			10-Methylnonadecane	282	C20H42	056862-62-5	87
5			Docosane, 9-butyl-	366	C26H54	055282-14-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022209.D
Acq On : 20 Aug 2019 13:09
Operator : HP/JU
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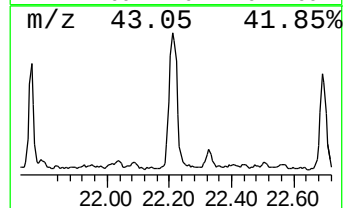
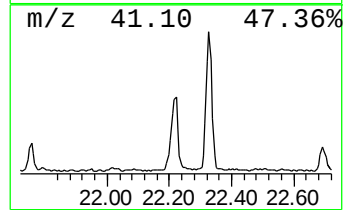
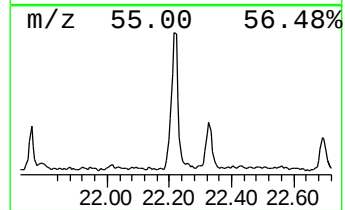
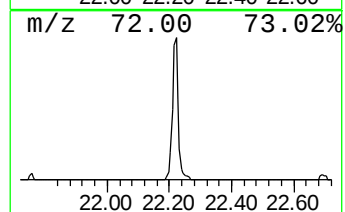
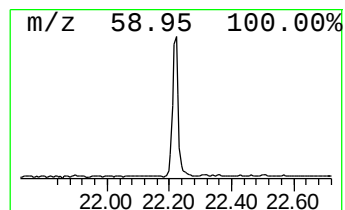
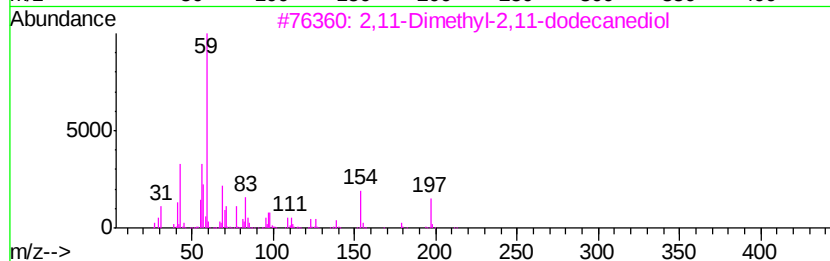
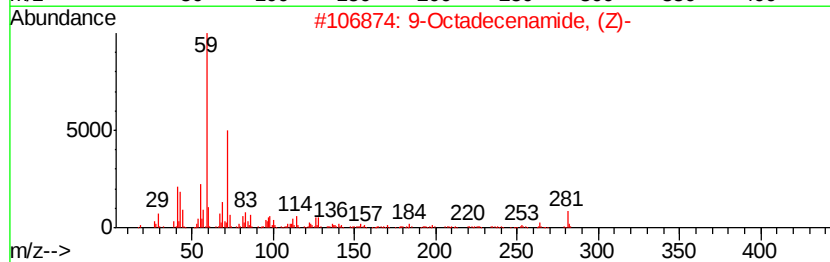
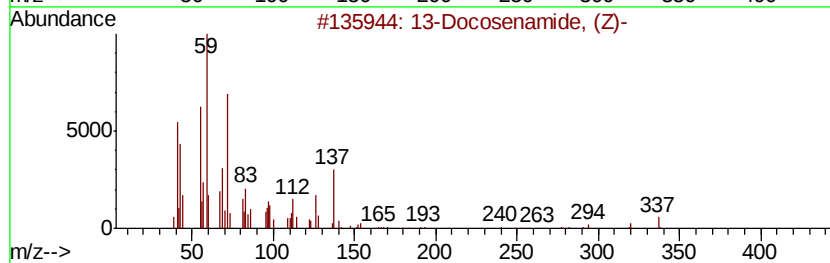
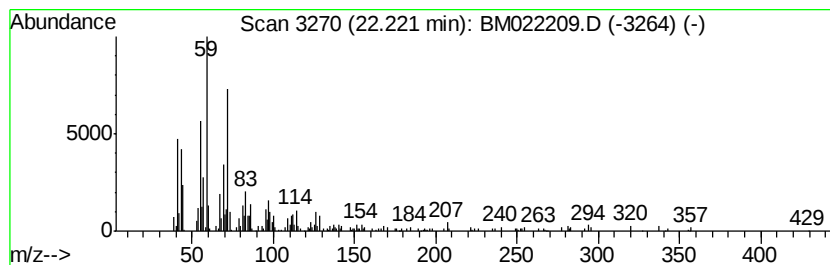
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	14.82 ng	383436	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	80
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
3		2,11-Dimethyl-2,11-dodecanediol	230	C14H30O2	022092-59-7	47
4		Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	47
5		Butanal, 3-methyl-, oxime	101	C5H11NO	000626-90-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022209.D
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Misc :
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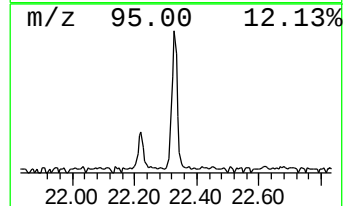
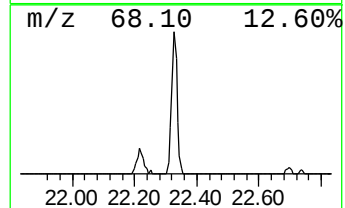
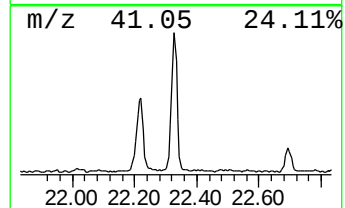
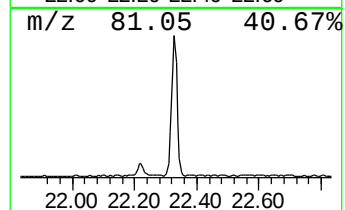
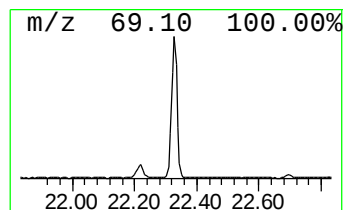
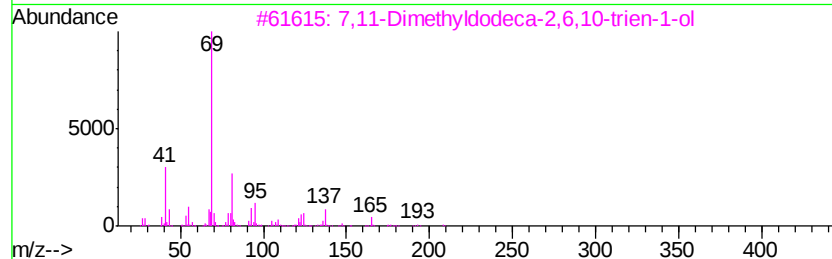
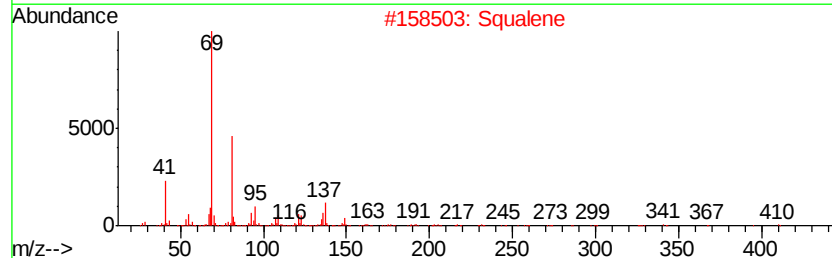
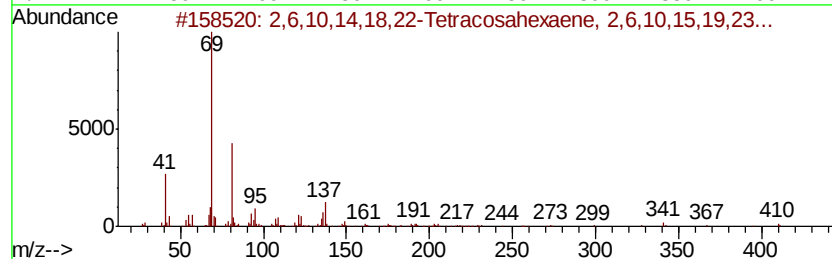
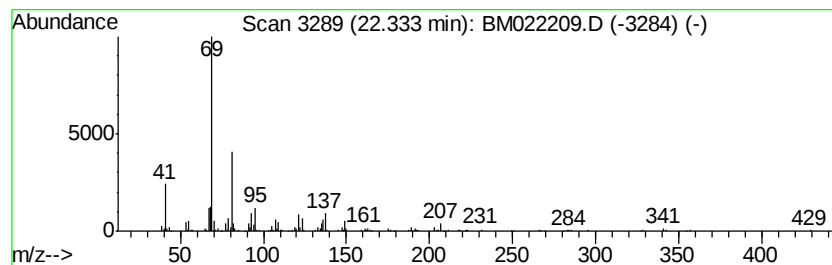
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	18.61 ng	438335	Perylene-d12	23.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	90
2	Squalene	410 C30H50	007683-64-9	87
3	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H240	125529-10-4	72
4	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H280	066408-55-7	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264 C17H2802	004128-17-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
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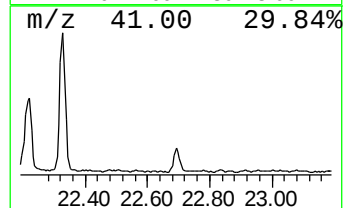
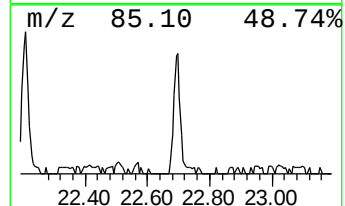
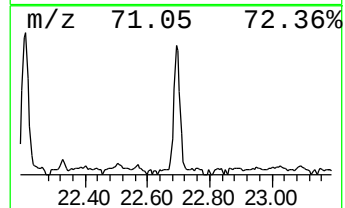
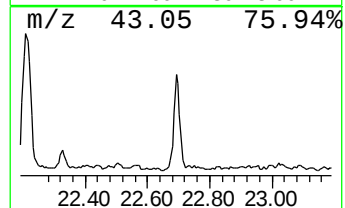
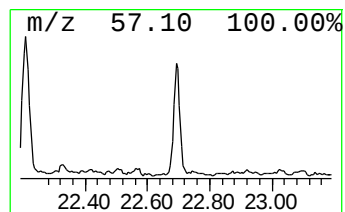
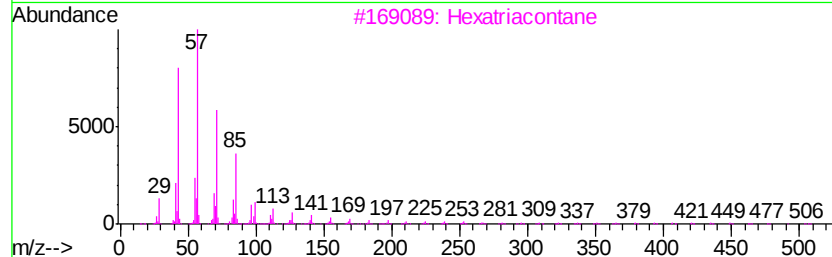
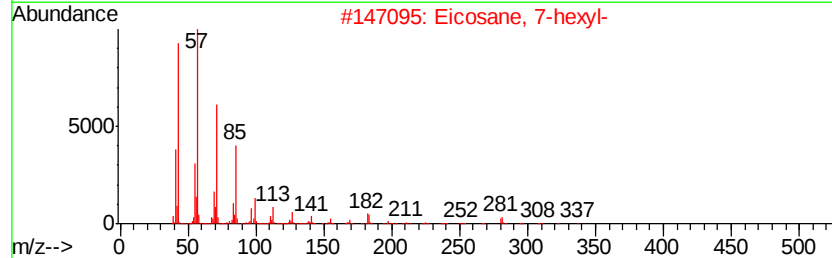
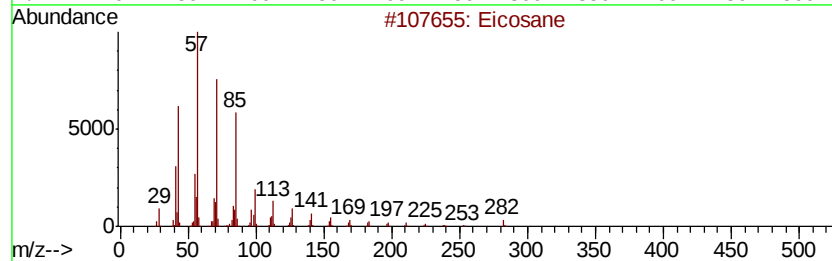
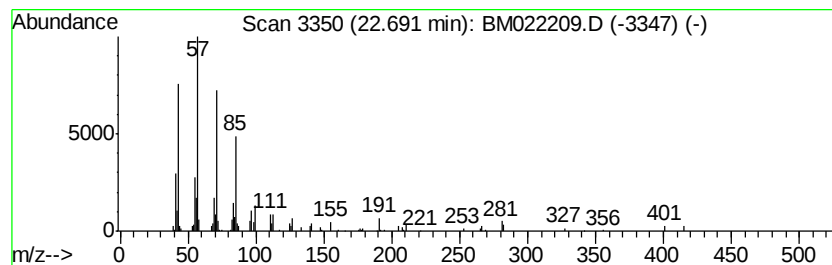
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane, 7-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	4.38 ng	103282	Perylene-d12	23.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	95
2	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	87
3	Hexatriacontane	507 C36H74	000630-06-8	87
4	Docosane, 11-butyl-	366 C26H54	013475-76-8	87
5	Eicosane, 9-octyl-	394 C28H58	013475-77-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022209.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0618-SITE-WATER-38TH-ST

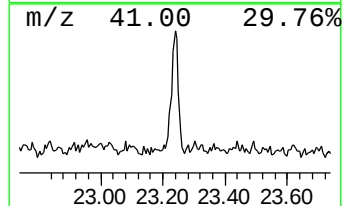
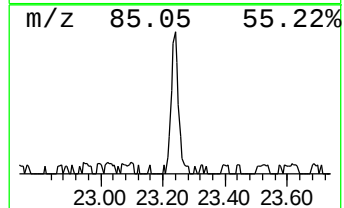
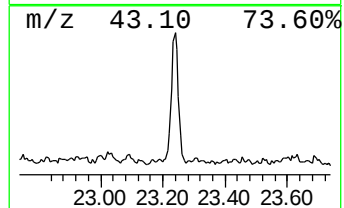
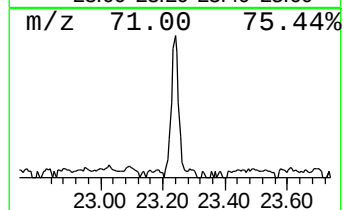
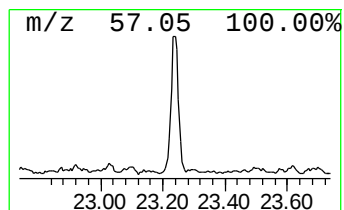
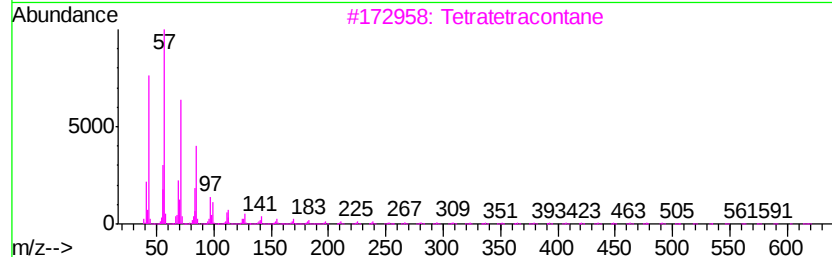
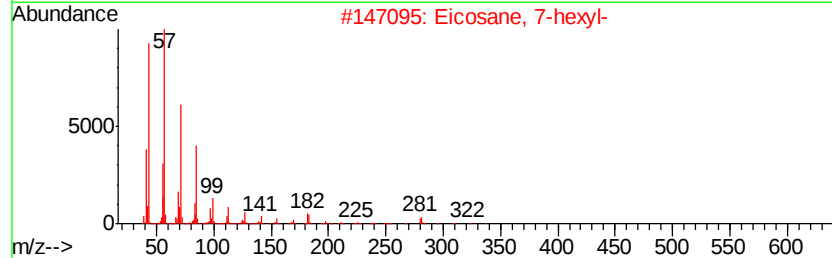
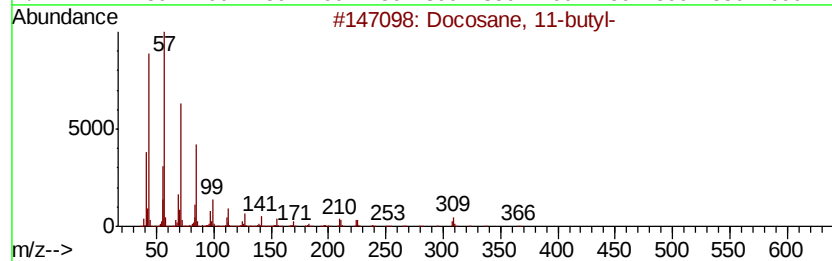
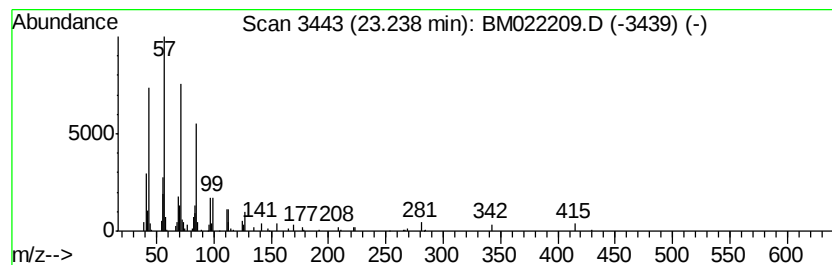
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Docosane, 11-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	4.14 ng	97629	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
3		Tetratetracontane	619	C44H90	007098-22-8	86
4		Tritetracontane	605	C43H88	007098-21-7	86
5		Tetratriacontane	479	C34H70	014167-59-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022209.D
Acq On : 20 Aug 2019 13:09
Operator : HP/JU
Sample : K4332-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0618-SITE-WATER-38TH-ST

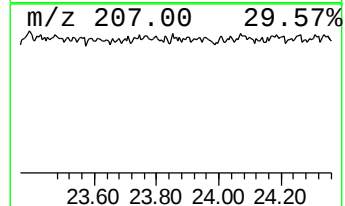
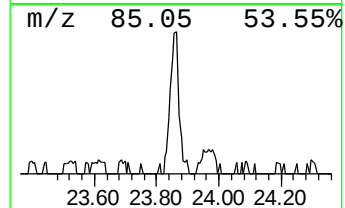
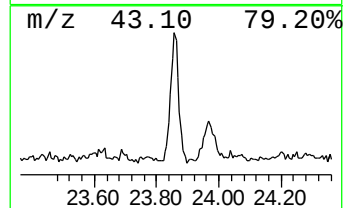
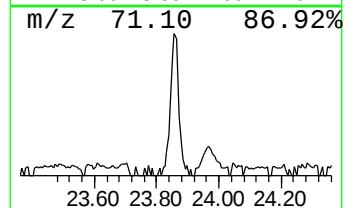
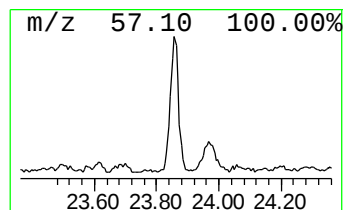
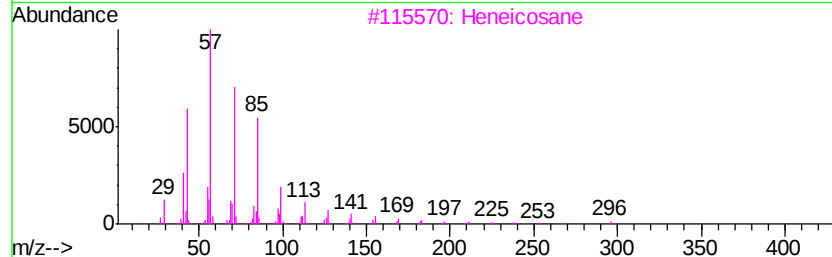
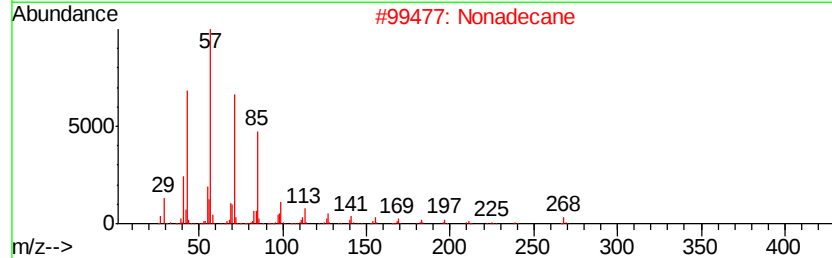
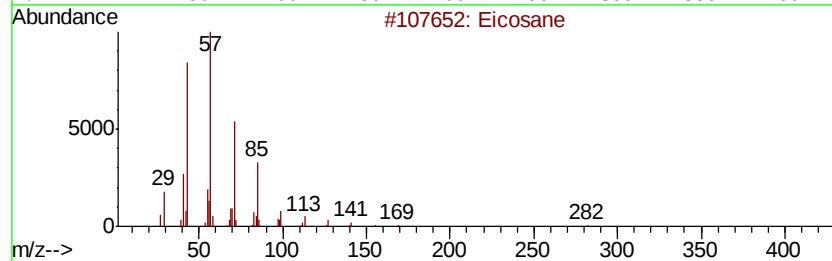
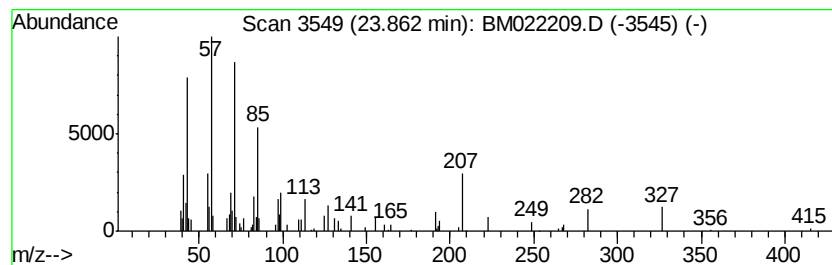
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	3.62 ng	85248	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Nonadecane	268	C19H40	000629-92-5	70
3		Heneicosane	296	C21H44	000629-94-7	62
4		Pentacosane	352	C25H52	000629-99-2	62
5		Triacontane	422	C30H62	000638-68-6	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
 Data File : BM022209.D
 Acq On : 20 Aug 2019 13:09
 Operator : HP/JU
 Sample : K4332-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0618-SITE-WATER-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.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
unknown7.10	7.10	106.1	ng	1210150	1	7.57	228038	20.0
n-Hexadecanoic acid	17.89	13.3	ng	313277	4	16.99	472361	20.0
3-Acetylphenanthrene	18.46	4.7	ng	109845	4	16.99	472361	20.0
unknown19.05	19.05	2.6	ng	62030	4	16.99	472361	20.0
Pentadecanoic acid	19.17	4.3	ng	110378	5	21.20	517435	20.0
Eicosane	20.43	2.4	ng	63089	5	21.20	517435	20.0
Cyclopentadecane	20.90	9.6	ng	247877	5	21.20	517435	20.0
Octacosane	21.33	3.5	ng	89182	5	21.20	517435	20.0
Nonadecane	21.76	3.5	ng	89153	5	21.20	517435	20.0
13-Docosenamide, ...	22.22	14.8	ng	383436	5	21.20	517435	20.0
2,6,10,14,18,22-T...	22.33	18.6	ng	438335	6	23.40	471179	20.0
Eicosane, 7-hexyl-	22.69	4.4	ng	103282	6	23.40	471179	20.0
Docosane, 11-butyl-	23.24	4.1	ng	97629	6	23.40	471179	20.0
Pentacosane	23.86	3.6	ng	85248	6	23.40	471179	20.0