

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022511.D
 Acq On : 03 Sep 2019 20:10
 Operator : HP/JU
 Sample : K4555-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-3

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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	378	rBV	156353	247900	14.58%	3.663%
2	6.704	627	632	649	rBV	79563	154540	9.09%	2.283%
3	7.039	683	689	704	rBV	365080	566025	33.28%	8.363%
4	7.504	763	768	775	rBB	69563	106093	6.24%	1.568%
5	7.810	814	820	832	rBB	351880	548687	32.26%	8.107%
6	8.680	961	968	986	rBV	186758	392463	23.08%	5.799%
7	10.286	1234	1241	1258	rBV	47609	113641	6.68%	1.679%
8	12.768	1657	1663	1686	rBV	571693	927430	54.54%	13.703%
9	14.174	1897	1902	1915	rBB	85731	146197	8.60%	2.160%
10	15.680	2153	2158	2180	rBB	481110	838274	49.29%	12.385%
11	16.951	2368	2374	2389	rBV2	77517	153377	9.02%	2.266%
12	17.827	2519	2523	2534	rBV2	34923	53216	3.13%	0.786%
13	19.121	2739	2743	2749	rBV2	33094	48986	2.88%	0.724%
14	19.580	2815	2821	2832	rBV	1437595	1700574	100.00%	25.126%
15	21.162	3085	3090	3103	rBV	116091	198350	11.66%	2.931%
16	21.280	3106	3110	3115	rVB	23194	27449	1.61%	0.406%
17	21.697	3178	3181	3185	rVB2	43238	45346	2.67%	0.670%
18	22.144	3253	3257	3263	rVB	62484	71873	4.23%	1.062%
19	22.621	3334	3338	3346	rVB	63499	86560	5.09%	1.279%
20	23.156	3425	3429	3436	rVB	62644	96000	5.65%	1.418%
21	23.344	3456	3461	3472	rVB	89058	178351	10.49%	2.635%
22	23.768	3529	3533	3541	rVB2	40288	66860	3.93%	0.988%

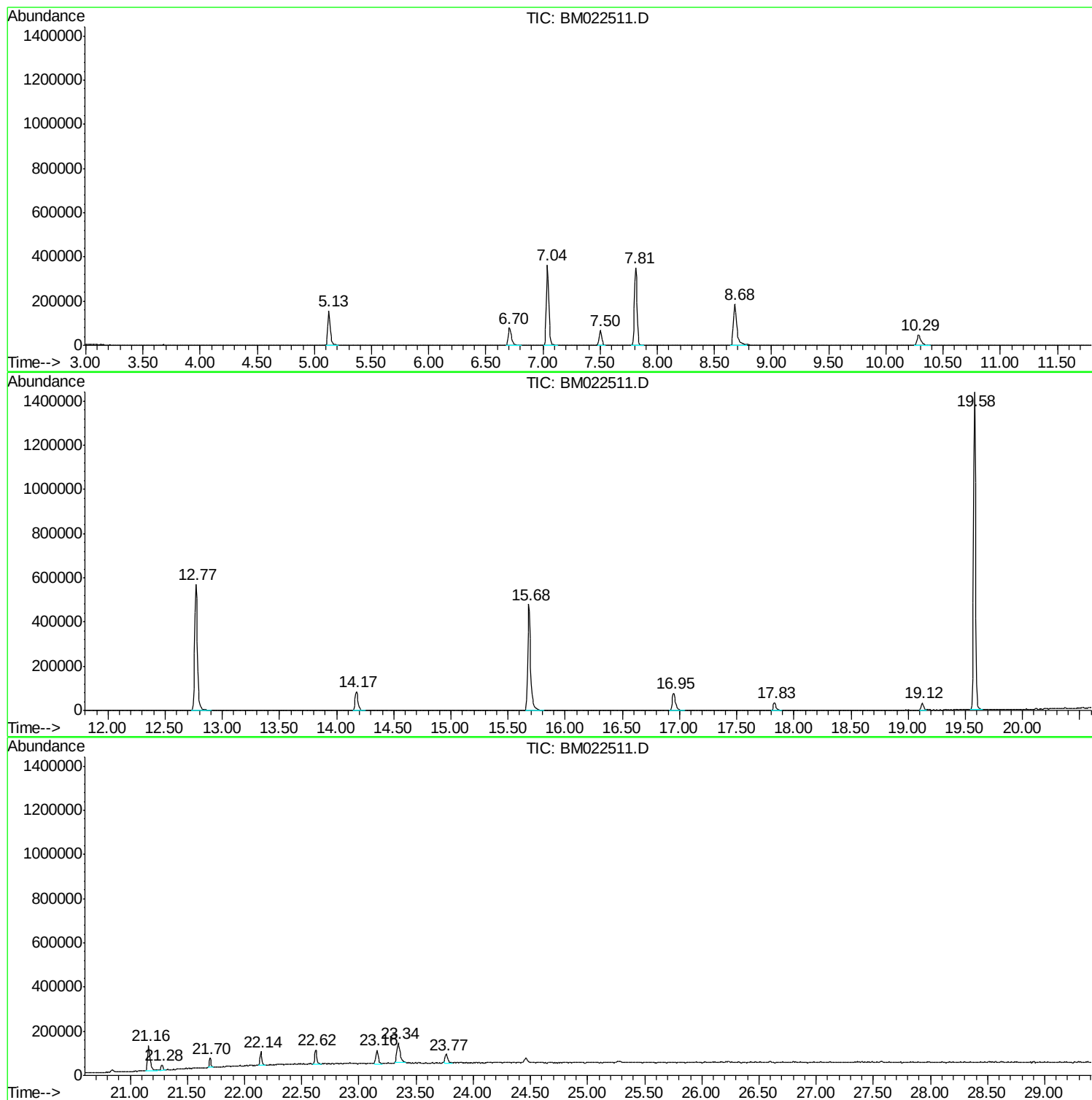
Sum of corrected areas: 6768192

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022511.D
Acq On : 03 Sep 2019 20:10
Operator : HP/JU
Sample : K4555-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-3

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022511.D
Acq On : 03 Sep 2019 20:10
Operator : HP/JU
Sample : K4555-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-3

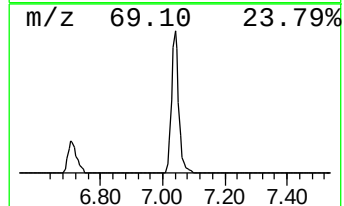
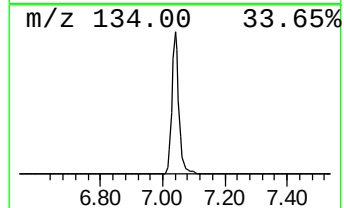
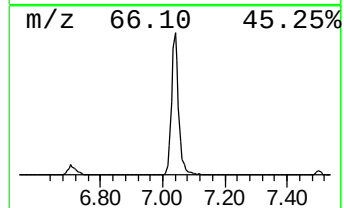
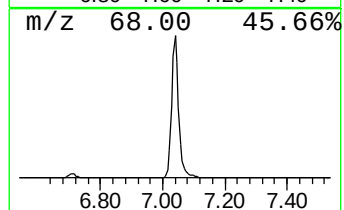
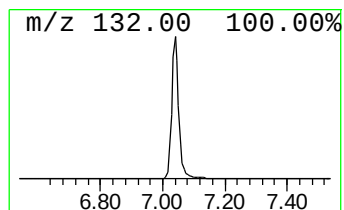
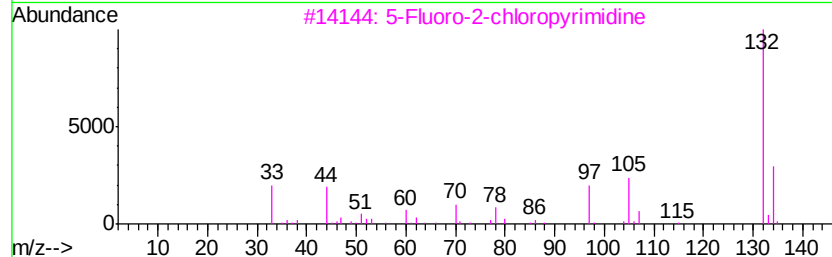
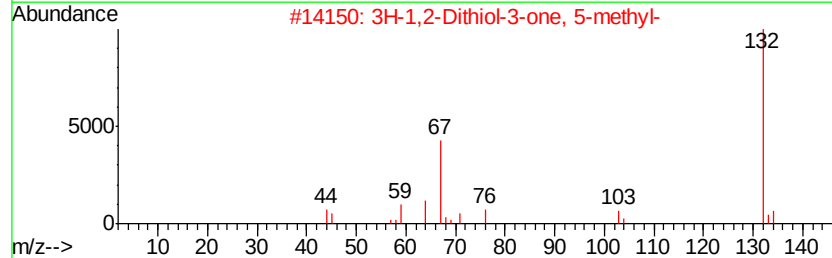
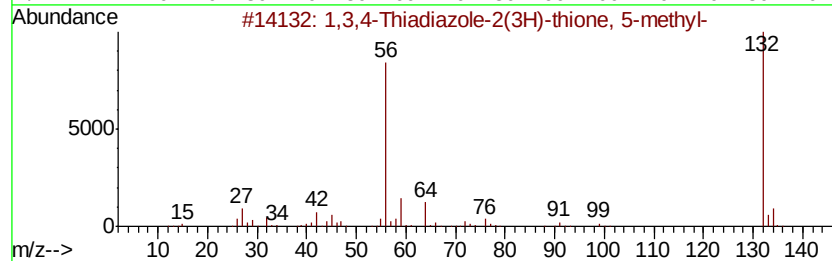
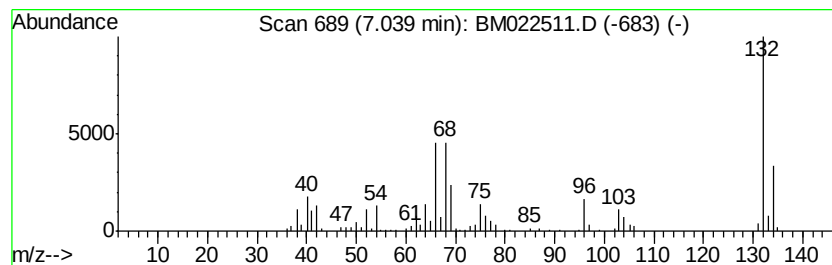
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	106.70 ng	566025	1,4-Dichlorobenzene-d4	7.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2			3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
4			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022511.D
Acq On : 03 Sep 2019 20:10
Operator : HP/JU
Sample : K4555-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-3

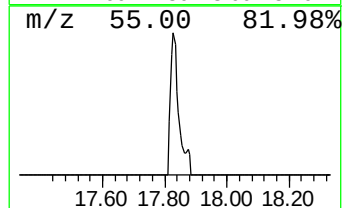
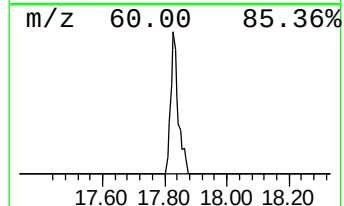
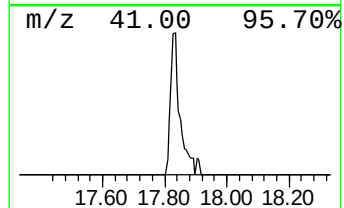
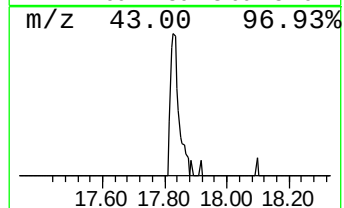
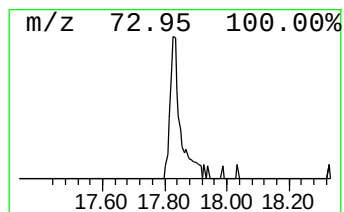
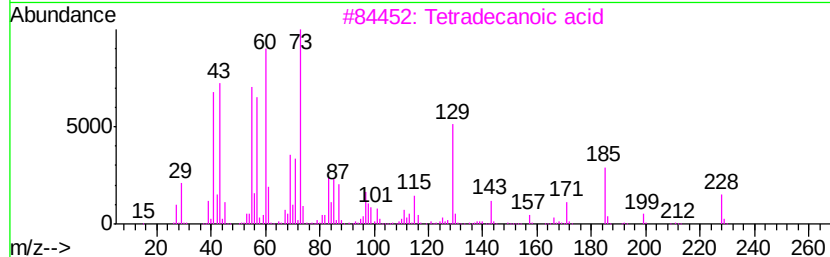
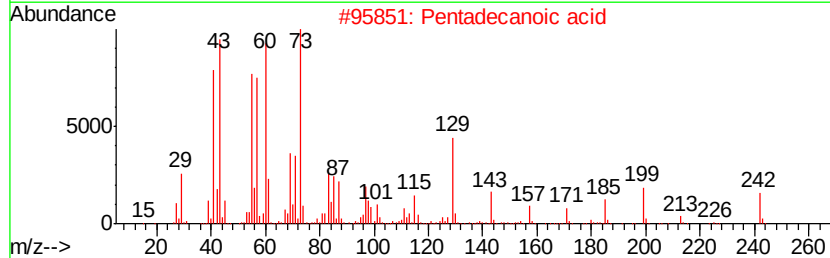
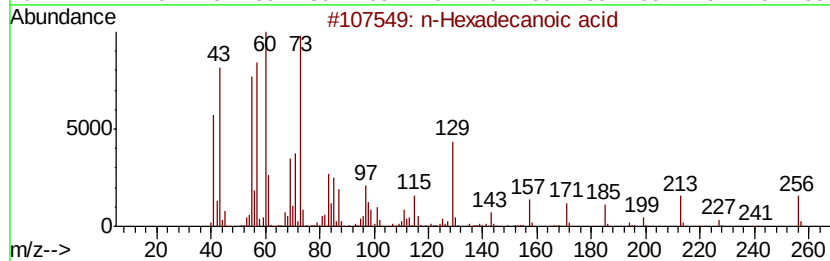
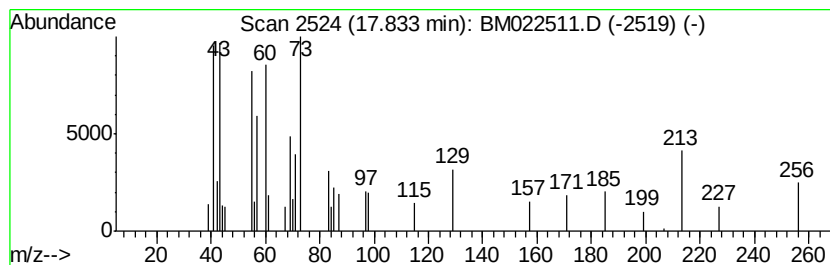
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	6.94 ng	53216	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022511.D
Acq On : 03 Sep 2019 20:10
Operator : HP/JU
Sample : K4555-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-3

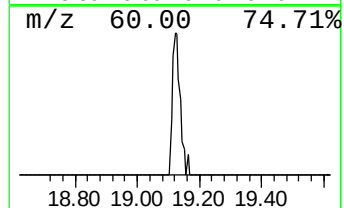
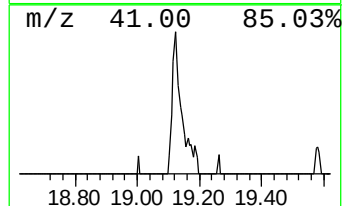
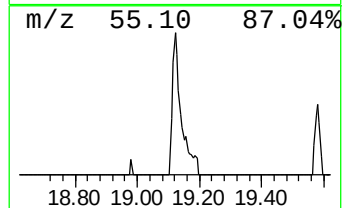
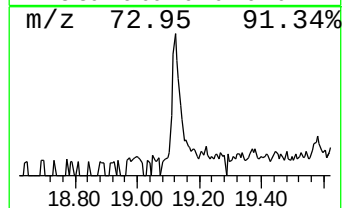
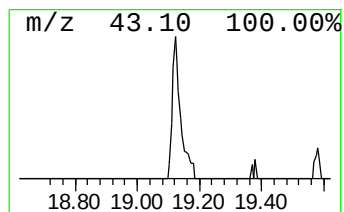
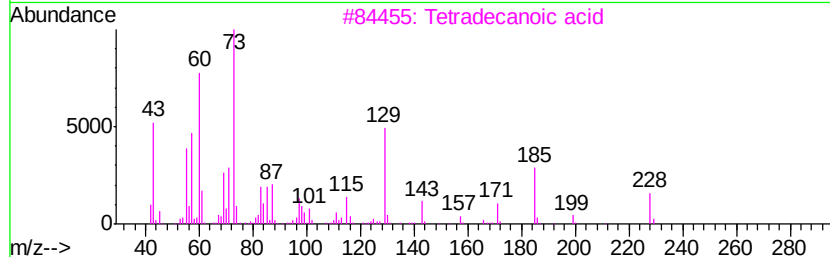
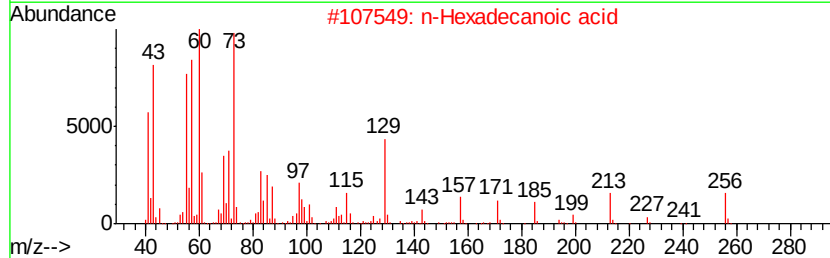
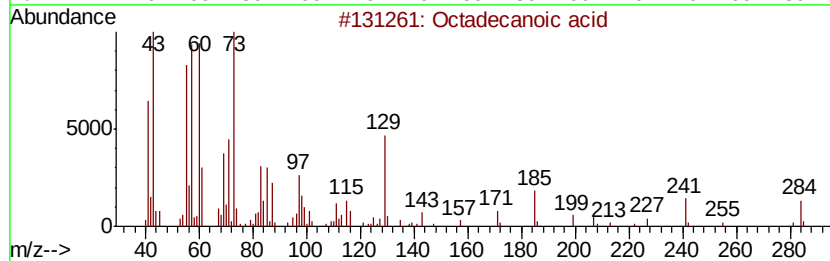
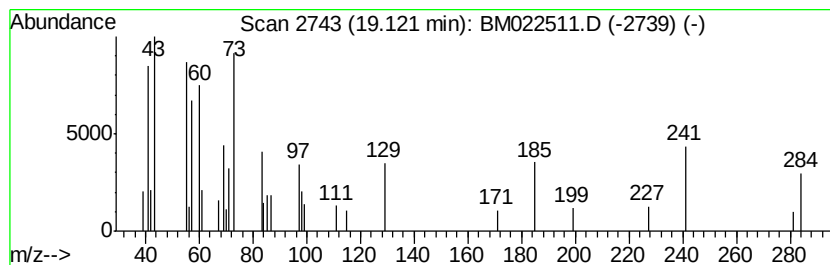
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	4.94 ng	48986	Chrysene-d12	21.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5		n-Decanoic acid	172	C10H20O2	000334-48-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022511.D
Acq On : 03 Sep 2019 20:10
Operator : HP/JU
Sample : K4555-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-3

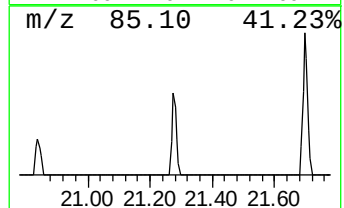
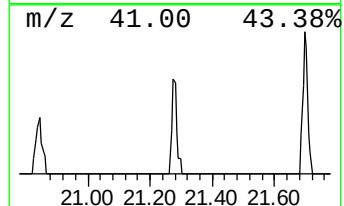
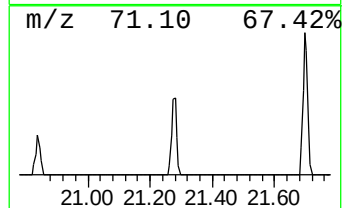
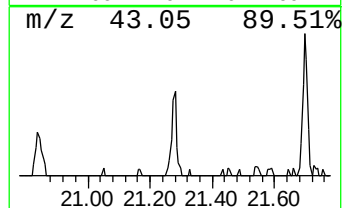
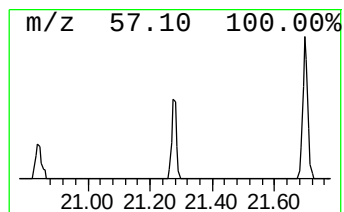
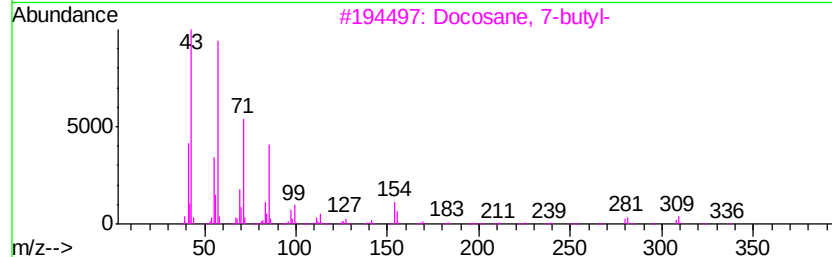
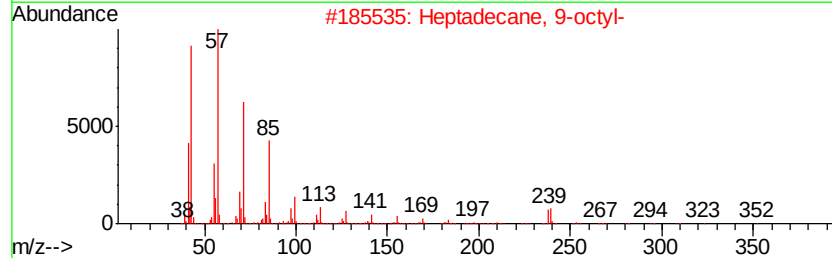
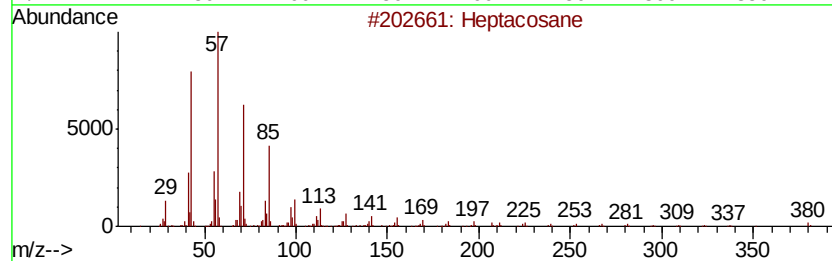
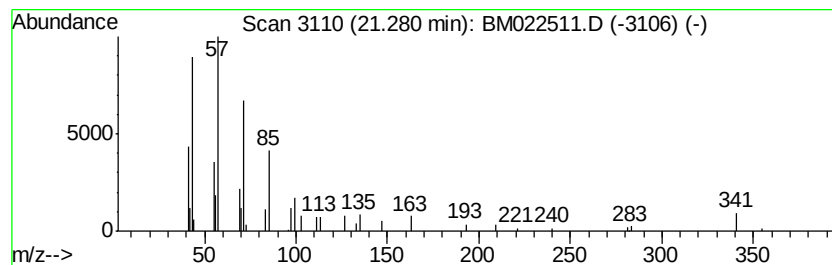
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	2.77 ng	27449	Chrysene-d12	21.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	80
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	80
3	Docosane, 7-butyl-		366	C26H54	055282-15-0	80
4	2-methyloctacosane		408	C29H60	1000376-72-8	80
5	Hexacosane		366	C26H54	000630-01-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022511.D
Acq On : 03 Sep 2019 20:10
Operator : HP/JU
Sample : K4555-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-3

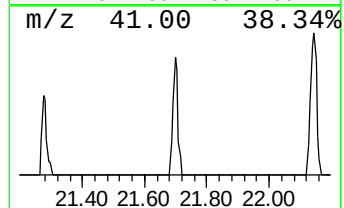
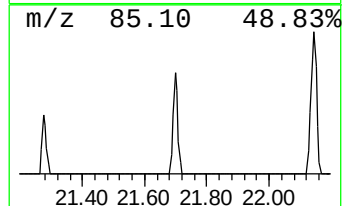
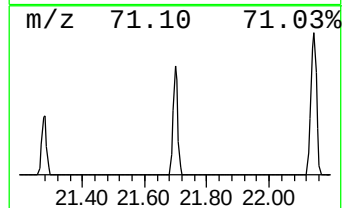
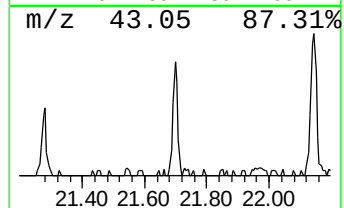
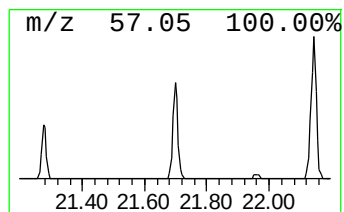
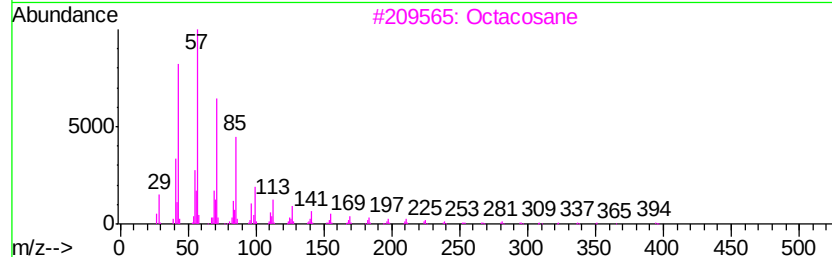
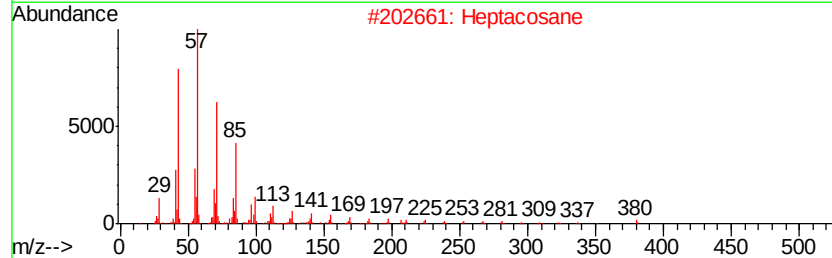
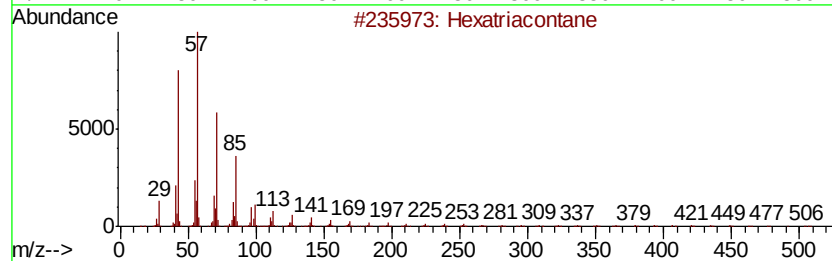
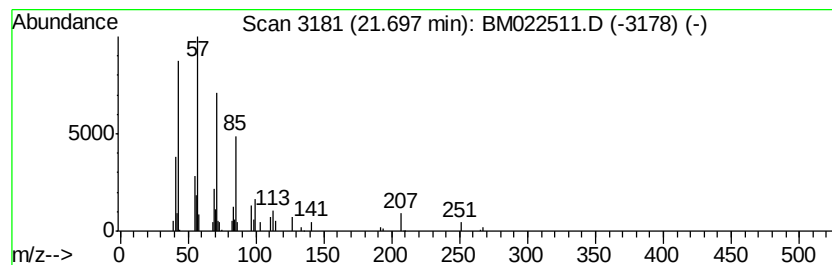
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexatriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.70	4.57 ng	45346	Chrysene-d12		21.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	87
2			Heptacosane	380	C27H56	000593-49-7	87
3			Octacosane	394	C28H58	000630-02-4	83
4			Tetracosane	338	C24H50	000646-31-1	83
5			Hentriacontane	437	C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022511.D
Acq On : 03 Sep 2019 20:10
Operator : HP/JU
Sample : K4555-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-3

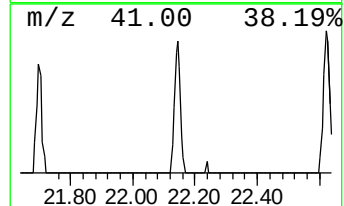
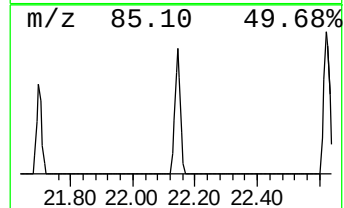
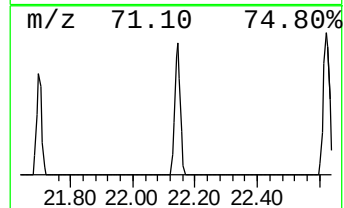
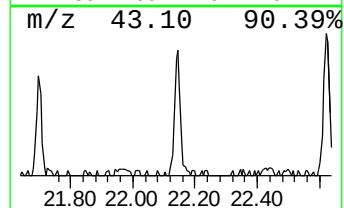
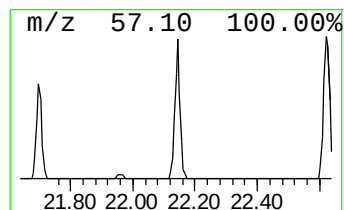
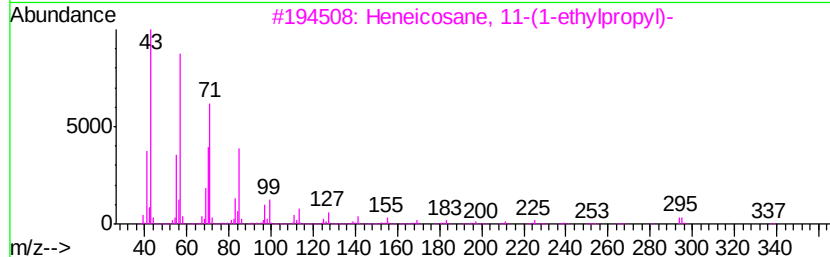
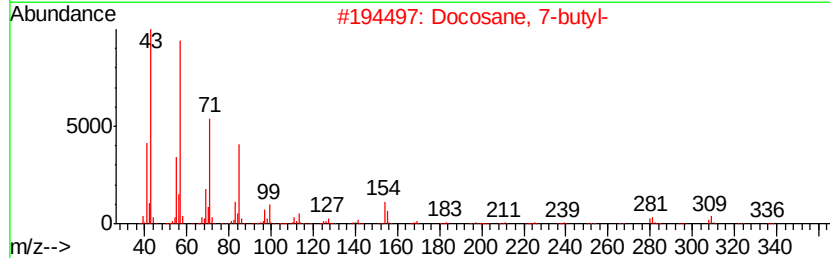
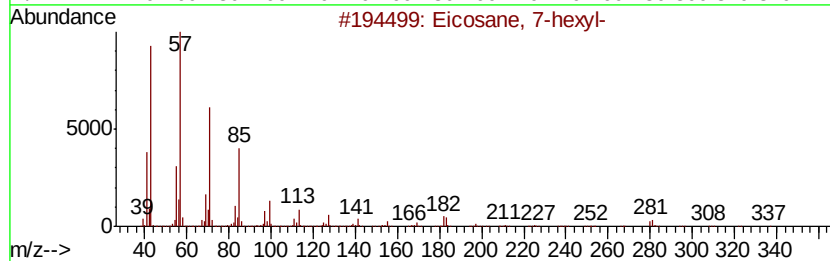
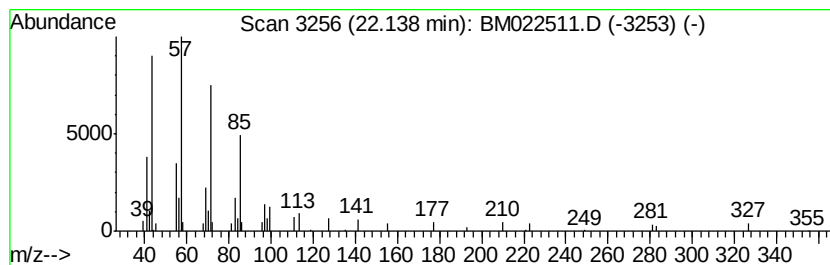
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane, 7-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	7.25 ng	71873	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
2		Docosane, 7-butyl-	366	C26H54	055282-15-0	86
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4		Octacosane	394	C28H58	000630-02-4	83
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022511.D
Acq On : 03 Sep 2019 20:10
Operator : HP/JU
Sample : K4555-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-3

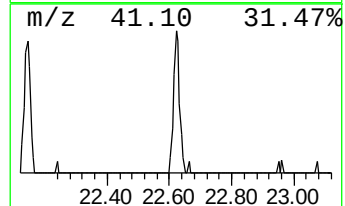
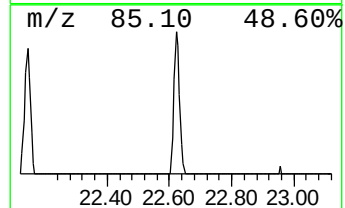
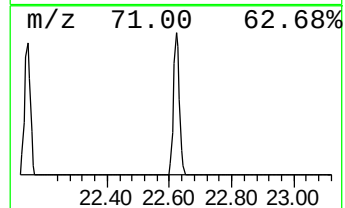
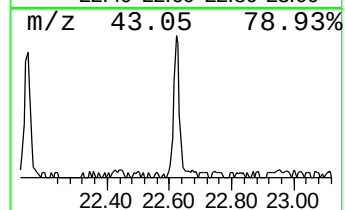
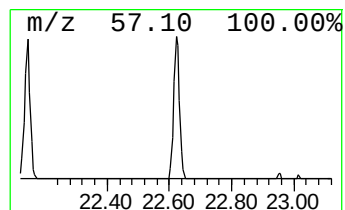
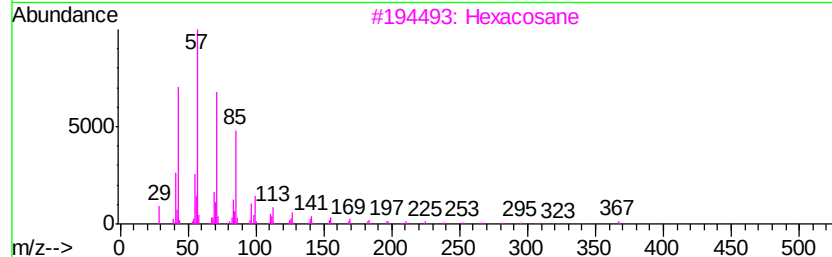
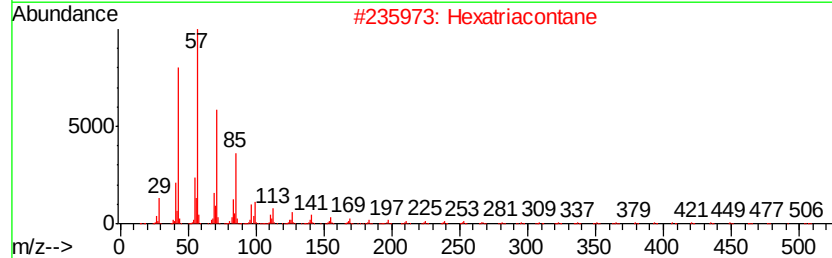
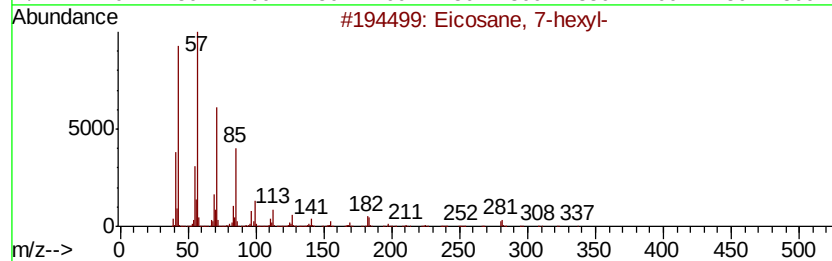
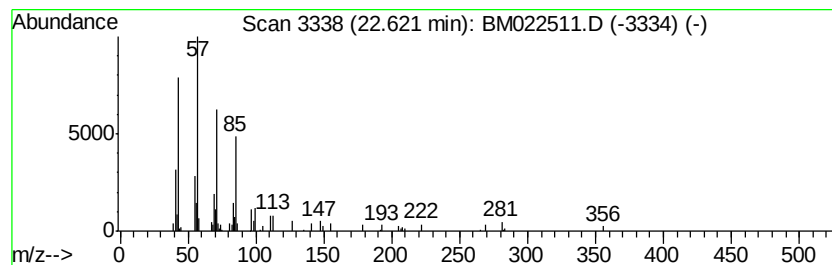
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.62	9.71 ng	86560	Perylene-d12		23.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-			366	C26H54	055333-99-8	87
2	Hexatriacontane			507	C36H74	000630-06-8	87
3	Hexacosane			366	C26H54	000630-01-3	87
4	Tetratetracontane			619	C44H90	007098-22-8	83
5	Eicosane, 9-octyl-			394	C28H58	013475-77-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022511.D
Acq On : 03 Sep 2019 20:10
Operator : HP/JU
Sample : K4555-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-3

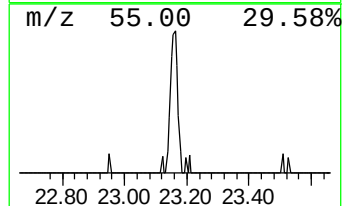
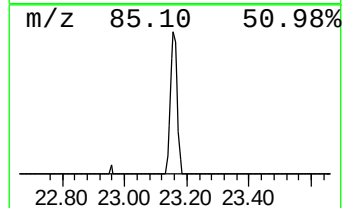
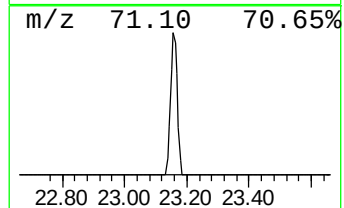
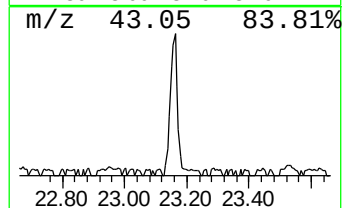
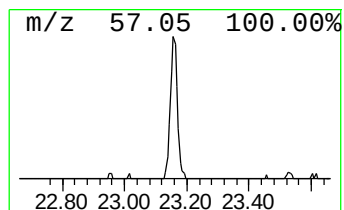
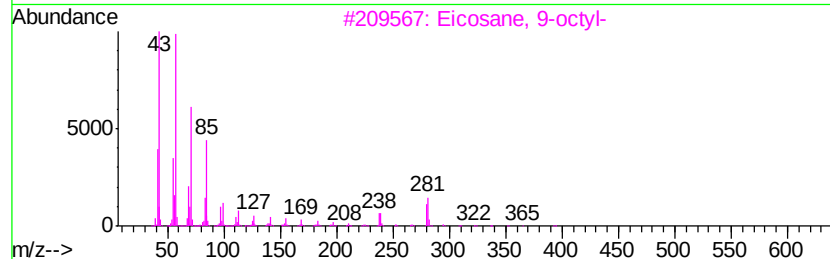
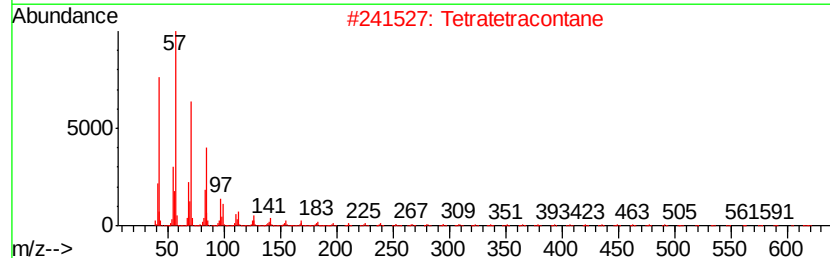
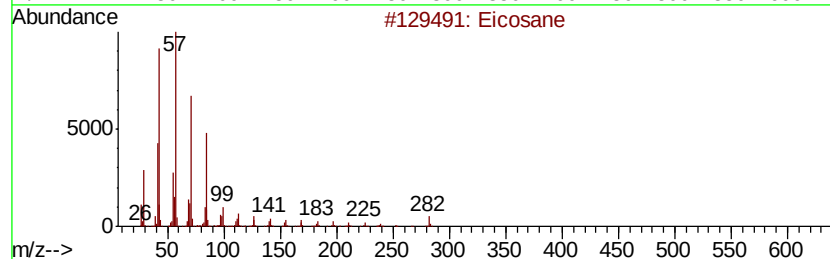
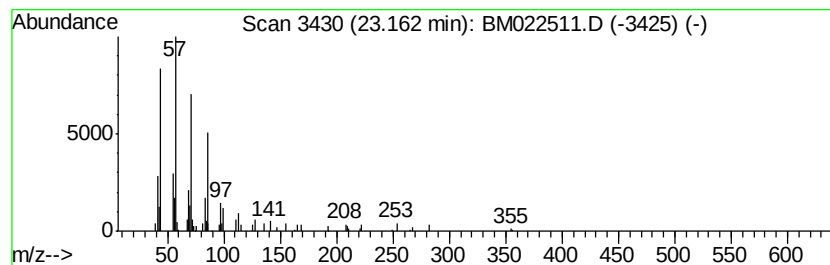
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetratetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	10.77 ng	96000	Perylene-d12	23.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	98
2	Tetratetracontane		619	C44H90	007098-22-8	87
3	Eicosane, 9-octyl-		394	C28H58	013475-77-9	87
4	2-methyloctacosane		408	C29H60	1000376-72-8	83
5	Heptadecane		240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022511.D
Acq On : 03 Sep 2019 20:10
Operator : HP/JU
Sample : K4555-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-3

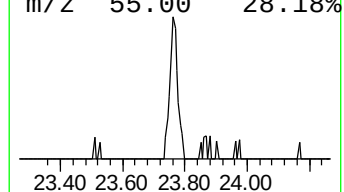
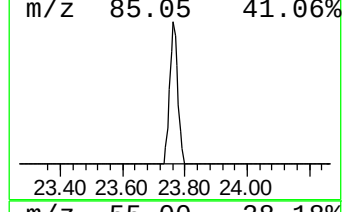
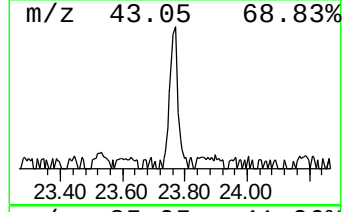
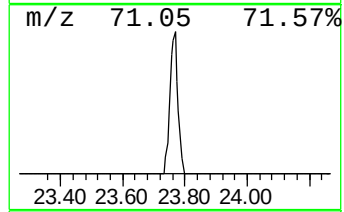
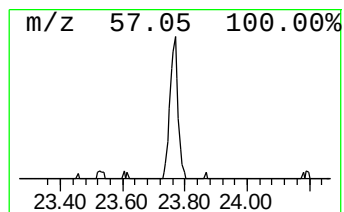
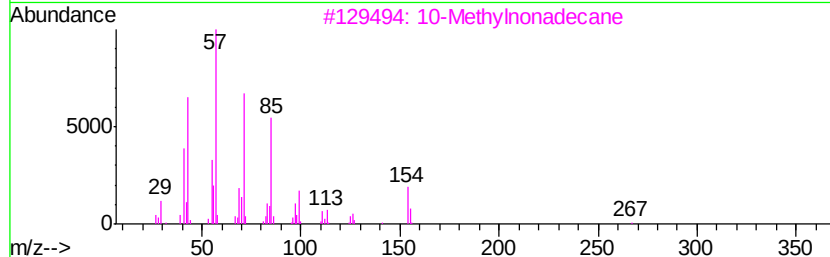
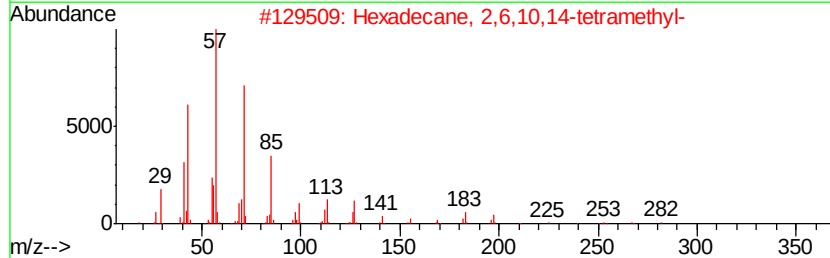
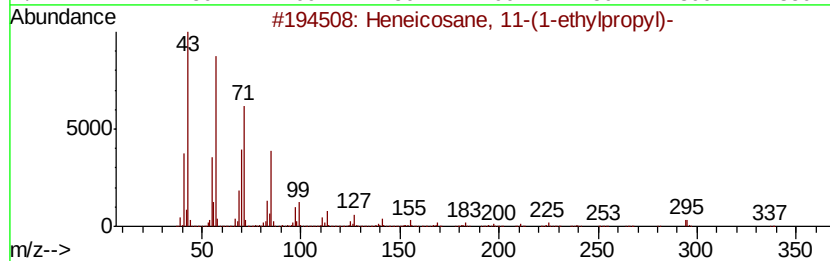
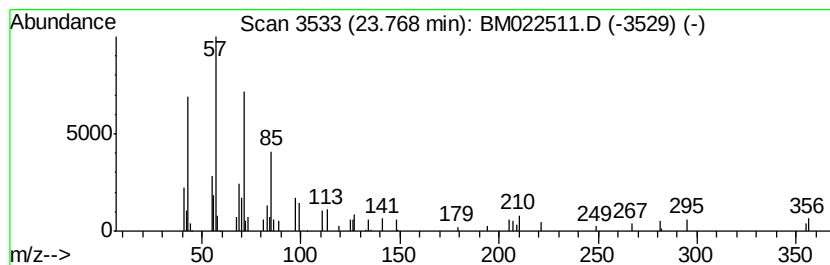
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane, 11-(1-ethylpro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	7.50 ng	66860	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
3		10-Methylnonadecane	282	C20H42	056862-62-5	74
4		Tetratetracontane	619	C44H90	007098-22-8	72
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090319\
Data File : BM022511.D
Acq On : 03 Sep 2019 20:10
Operator : HP/JU
Sample : K4555-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-3

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
unknown7.04	7.04	106.7	ng	566025	1	7.50	106093	20.0
n-Hexadecanoic acid	17.83	6.9	ng	53216	4	16.94	153377	20.0
Octadecanoic acid	19.12	4.9	ng	48986	5	21.16	198350	20.0
Heptacosane	21.28	2.8	ng	27449	5	21.16	198350	20.0
Hexatriacontane	21.70	4.6	ng	45346	5	21.16	198350	20.0
Eicosane, 7-hexyl-	22.14	7.3	ng	71873	5	21.16	198350	20.0
Hexacosane	22.62	9.7	ng	86560	6	23.34	178351	20.0
Tetratetracontane	23.16	10.8	ng	96000	6	23.34	178351	20.0
Heneicosane, 11-(...	23.77	7.5	ng	66860	6	23.34	178351	20.0