

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020251.D
 Acq On : 10 May 2019 22:30
 Operator : JU/SJ
 Sample : K2754-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-2

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-BM043019.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	5.357	396	403	423	rVB	1629847	2405380	39.73%	7.069%
2	6.945	664	673	684	rBV	1631986	2747485	45.39%	8.075%
3	7.304	727	734	748	rBV	1713560	2712043	44.80%	7.970%
4	7.775	807	814	830	rVB	379147	623383	10.30%	1.832%
5	8.092	860	868	884	rBV	1160539	1910717	31.56%	5.615%
6	8.939	1005	1012	1033	rBV	945194	1625478	26.85%	4.777%
7	10.563	1281	1288	1298	rBV	485621	840981	13.89%	2.472%
8	13.033	1701	1708	1720	rBV	2543912	3819489	63.09%	11.225%
9	13.874	1842	1851	1860	rBV	231375	327180	5.40%	0.962%
10	14.415	1937	1943	1957	rBV2	774606	1219370	20.14%	3.584%
11	15.910	2190	2197	2210	rBV	2379289	3363705	55.56%	9.886%
12	17.162	2404	2410	2425	rBV2	1066832	1591750	26.29%	4.678%
13	18.051	2556	2561	2570	rBV	178977	281408	4.65%	0.827%
14	19.327	2774	2778	2785	rBV3	37899	60956	1.01%	0.179%
15	19.792	2851	2857	2869	rBV	5005991	6053715	100.00%	17.791%
16	20.580	2988	2991	2996	rBV	66080	80039	1.32%	0.235%
17	21.050	3066	3071	3081	rBV	366287	510008	8.42%	1.499%
18	21.350	3116	3122	3133	rBV	1228653	1610054	26.60%	4.732%
19	21.480	3141	3144	3149	rBV	128834	151614	2.50%	0.446%
20	21.921	3216	3219	3223	rBV	144864	174589	2.88%	0.513%
21	22.391	3295	3299	3303	rBV	153045	199789	3.30%	0.587%
22	22.521	3318	3321	3325	rVB	106200	133929	2.21%	0.394%
23	22.909	3383	3387	3393	rVB2	133234	192282	3.18%	0.565%
24	23.485	3482	3485	3490	rVB2	110775	161534	2.67%	0.475%
25	23.633	3504	3510	3518	rVB	631038	1229531	20.31%	3.613%

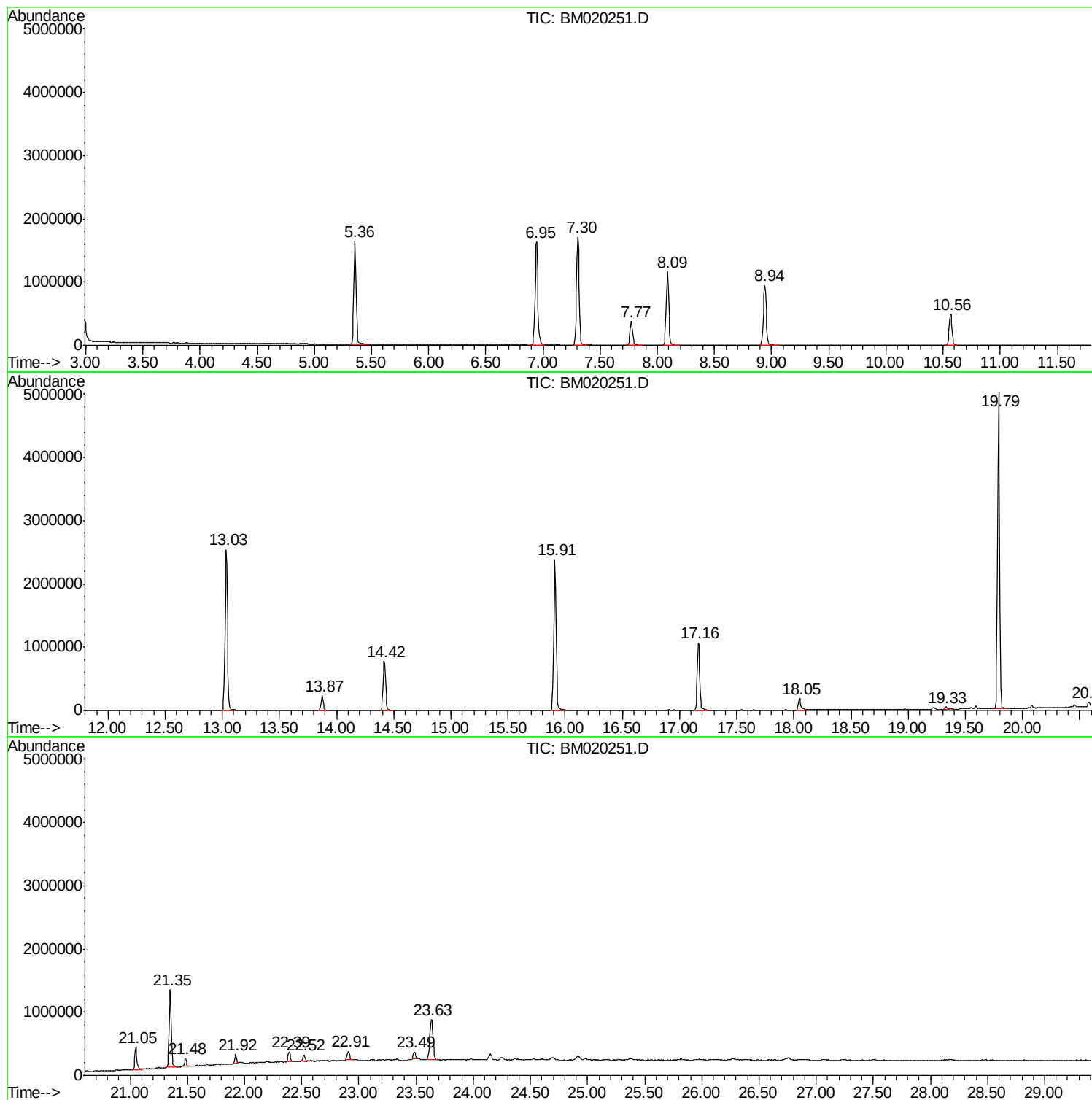
Sum of corrected areas: 34026409

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020251.D
Acq On : 10 May 2019 22:30
Operator : JU/SJ
Sample : K2754-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020251.D
Acq On : 10 May 2019 22:30
Operator : JU/SJ
Sample : K2754-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-2

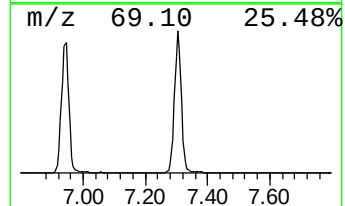
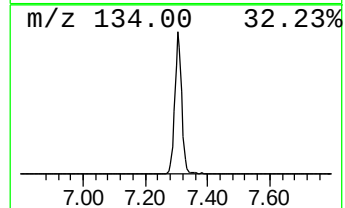
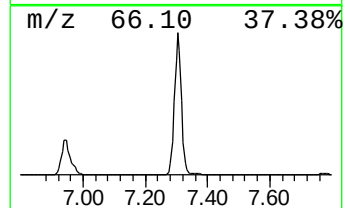
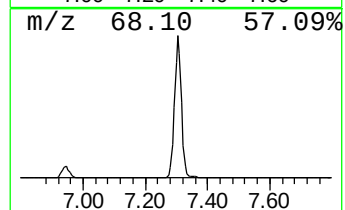
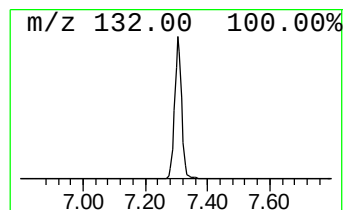
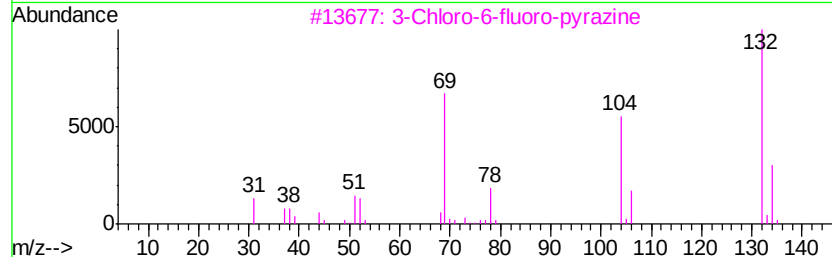
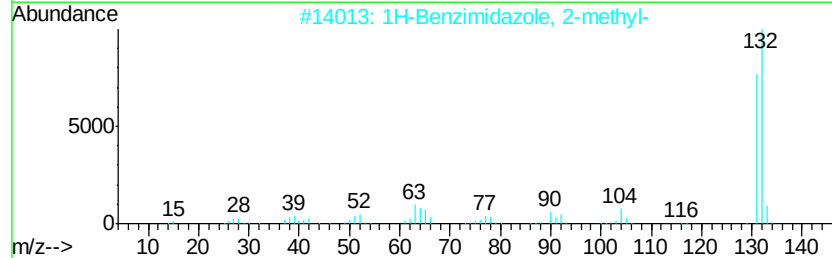
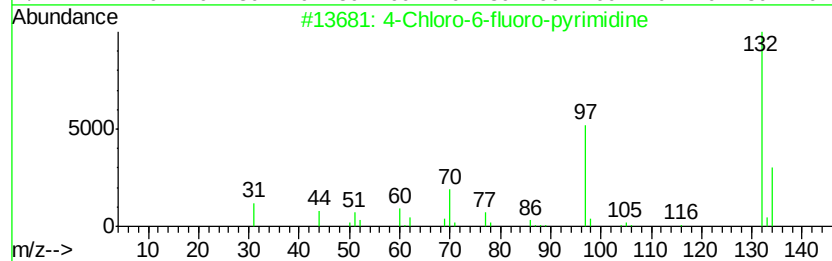
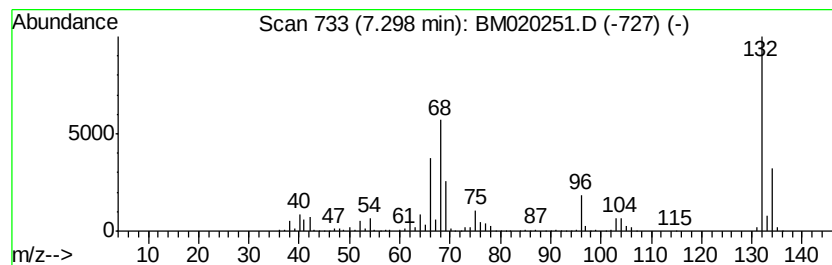
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	87.01 ng	2712040	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020251.D
Acq On : 10 May 2019 22:30
Operator : JU/SJ
Sample : K2754-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

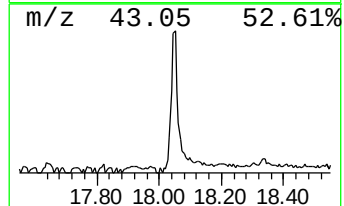
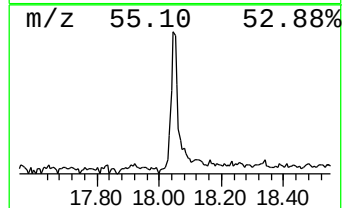
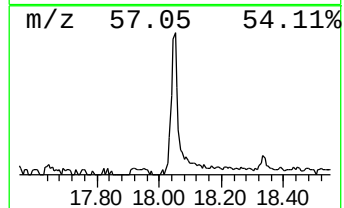
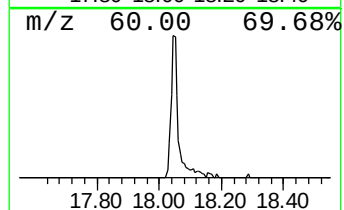
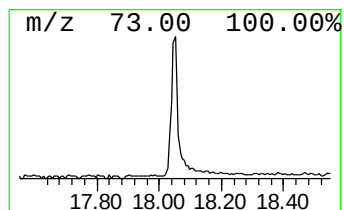
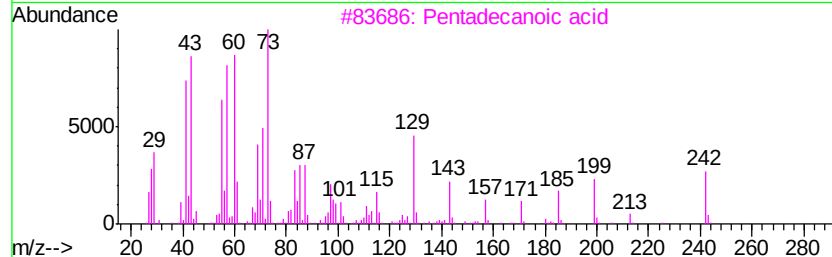
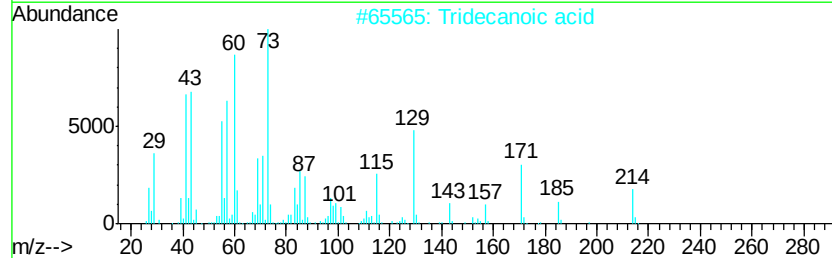
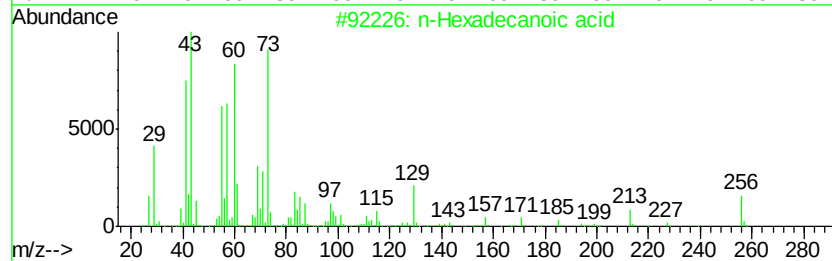
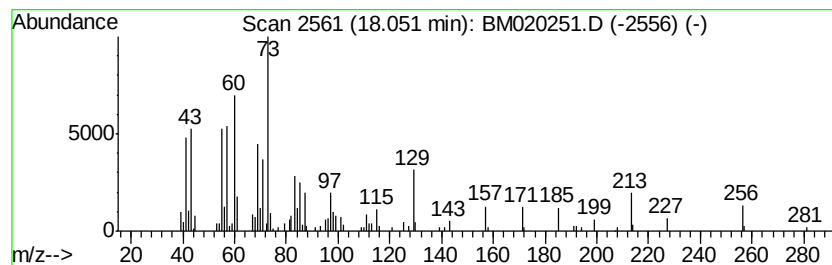
Instrument :
BNA_M
ClientSampleId :
C-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.05	3.54 ng	281408	Phenanthrene-d10		17.16	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5		Dodecanoic acid	200	C12H24O2	000143-07-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020251.D
Acq On : 10 May 2019 22:30
Operator : JU/SJ
Sample : K2754-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-2

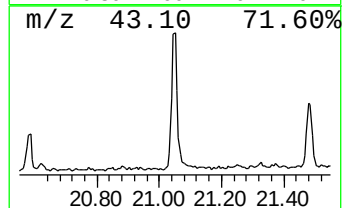
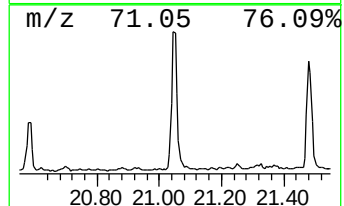
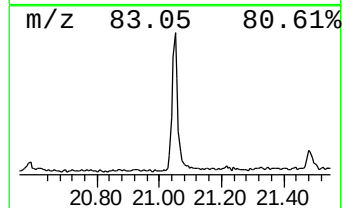
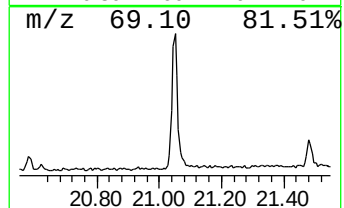
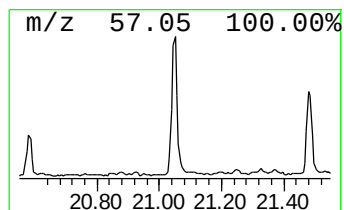
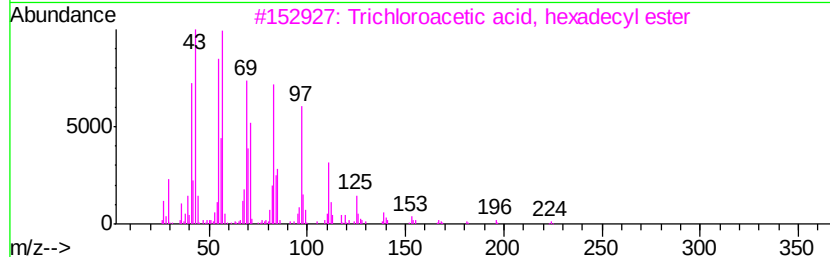
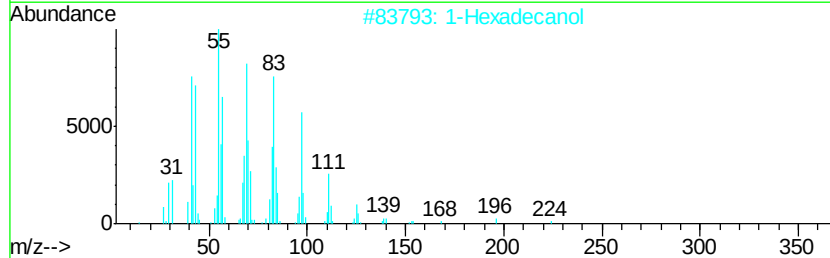
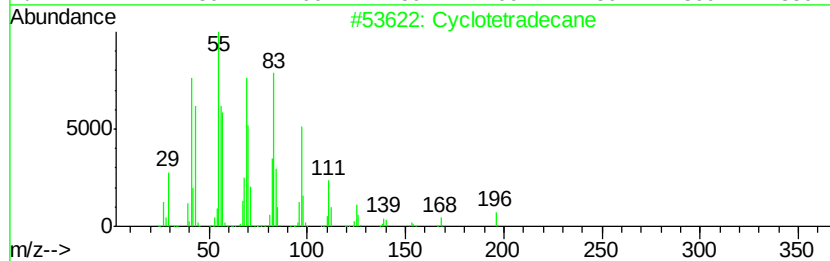
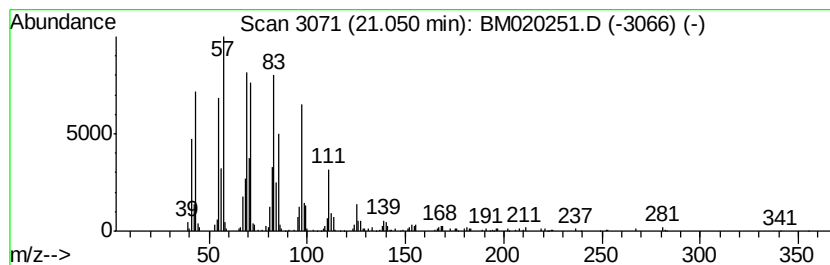
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	6.34 ng	510008	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	90
2		1-Hexadecanol	242	C16H34O	036653-82-4	76
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70
5		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020251.D
Acq On : 10 May 2019 22:30
Operator : JU/SJ
Sample : K2754-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-2

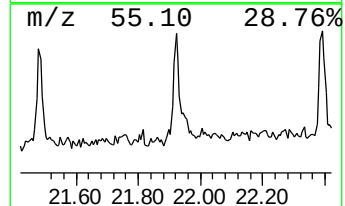
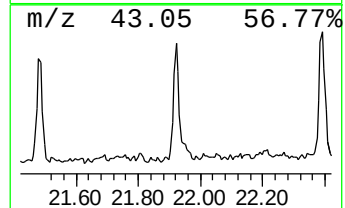
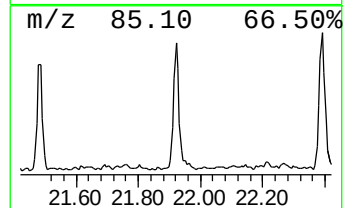
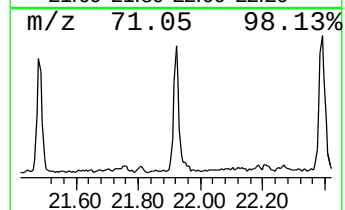
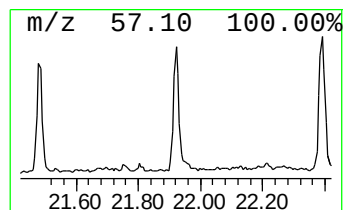
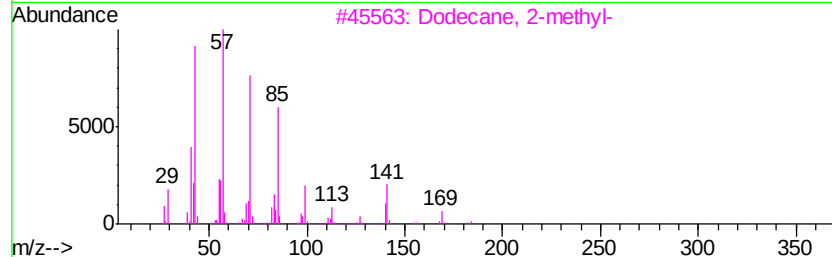
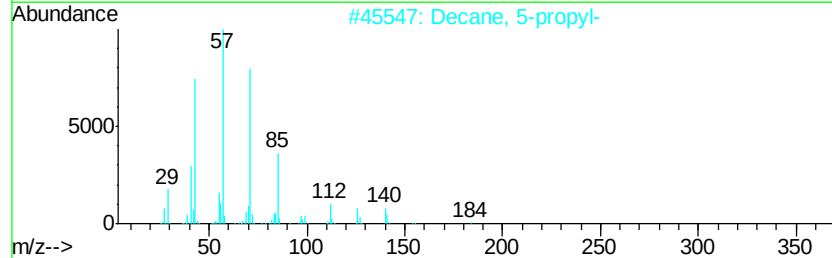
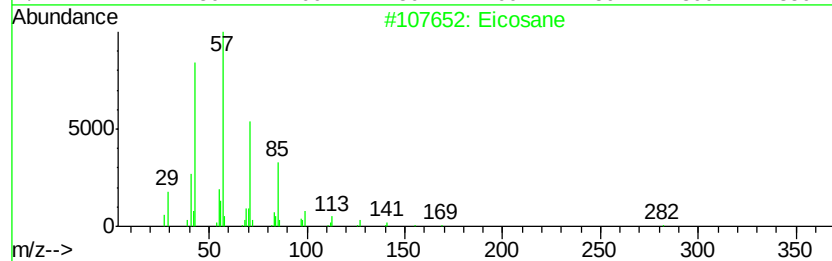
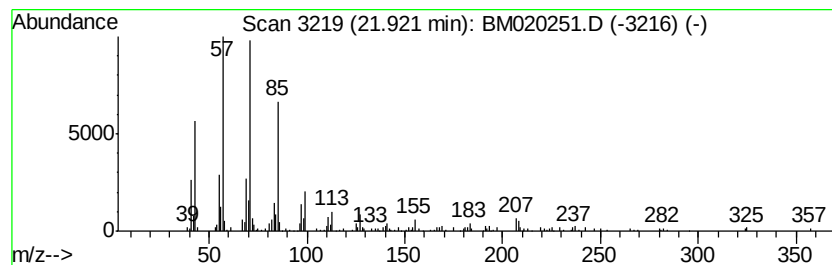
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	2.17 ng	174589	Chrysene-d12	21.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	89
2	Decane, 5-propyl-		184	C13H28	017312-62-8	87
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	87
4	Tridecane		184	C13H28	000629-50-5	87
5	Tridecanol, 2-ethyl-2-methyl-		242	C16H34O	1000115-66-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020251.D
Acq On : 10 May 2019 22:30
Operator : JU/SJ
Sample : K2754-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

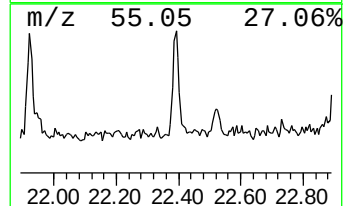
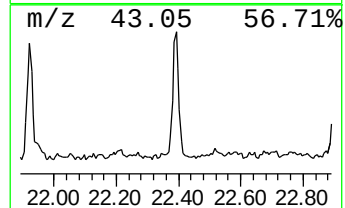
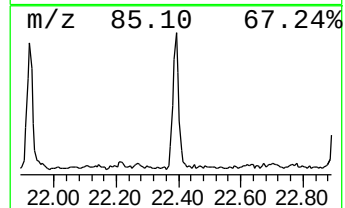
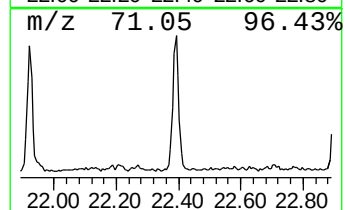
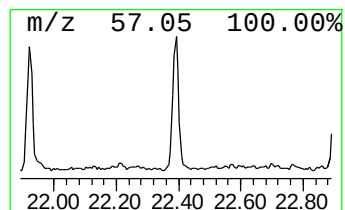
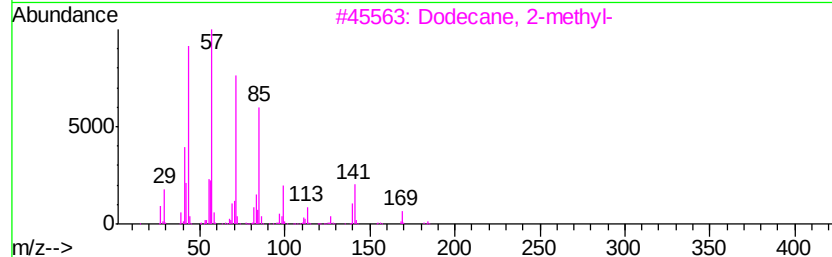
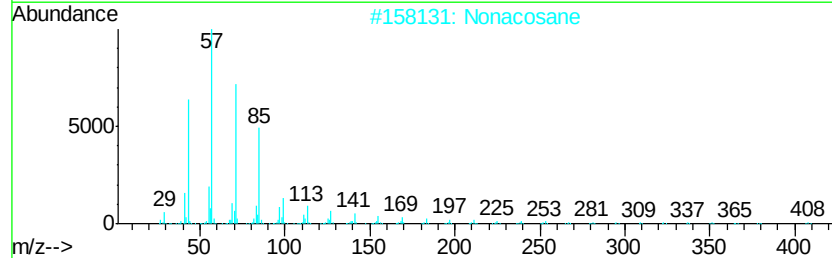
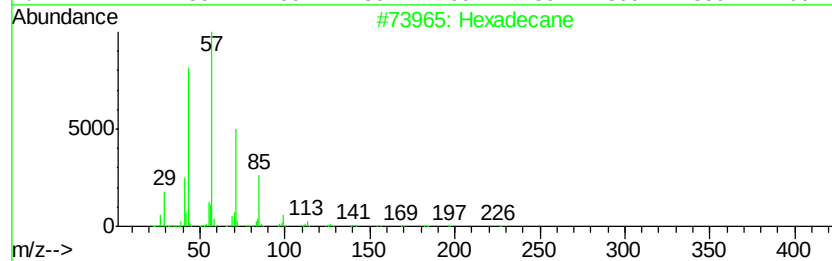
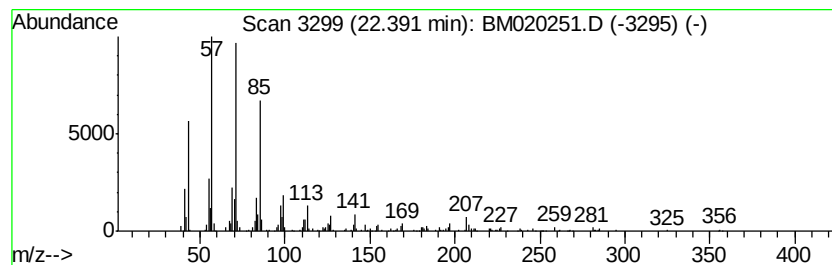
Instrument :
BNA_M
ClientSampleId :
C-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.48 ng	199789	Chrysene-d12	21.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	93
2	Nonacosane	408 C29H60	000630-03-5	86
3	Dodecane, 2-methyl-	184 C13H28	001560-97-0	86
4	Eicosane	282 C20H42	000112-95-8	72
5	Octacosane	394 C28H58	000630-02-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020251.D
Acq On : 10 May 2019 22:30
Operator : JU/SJ
Sample : K2754-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

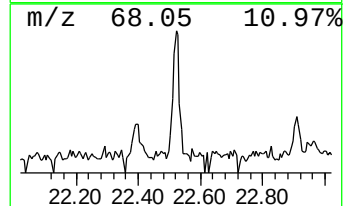
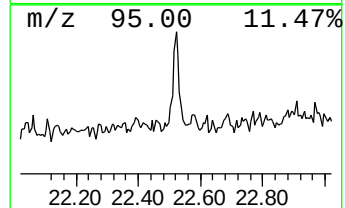
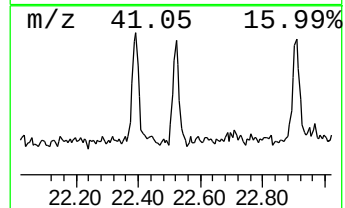
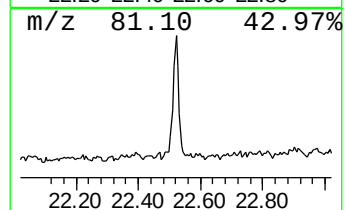
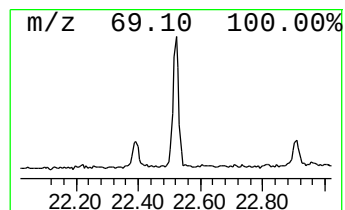
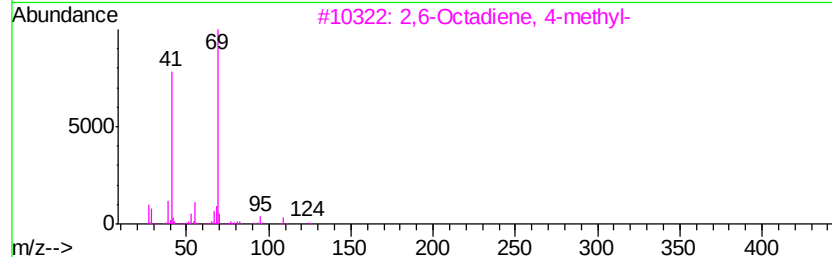
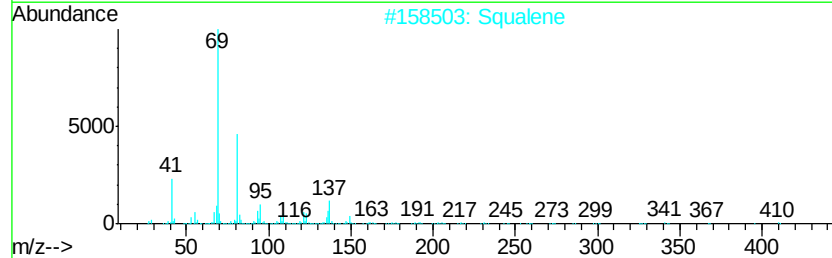
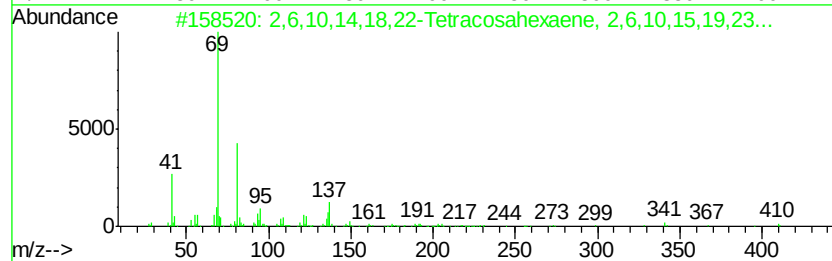
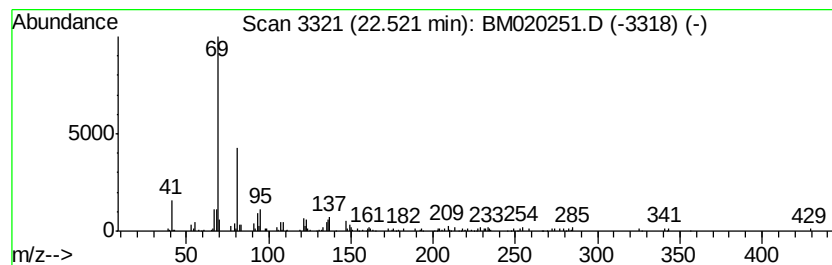
Instrument :
BNA_M
ClientSampleId :
C-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.18 ng	133929	Perylene-d12	23.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	72
2	Squalene	410 C30H50	007683-64-9	64
3	2,6-Octadiene, 4-methyl-	124 C9H16	074498-94-5	59
4	2,3,5-Trimethyl-2,3,5-hexanetric...	203 C12H17N3	003974-79-6	59
5	1,5-Heptadiene, 2,6-dimethyl-	124 C9H16	006709-39-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020251.D
Acq On : 10 May 2019 22:30
Operator : JU/SJ
Sample : K2754-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-2

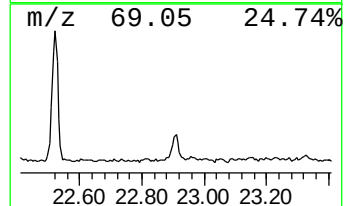
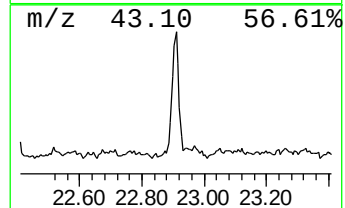
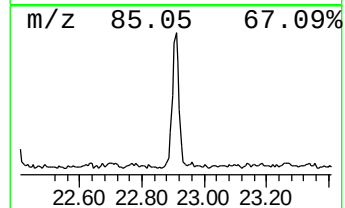
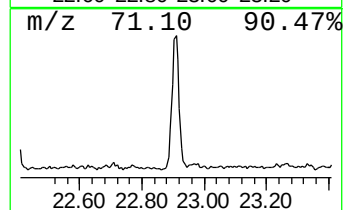
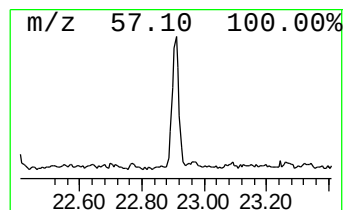
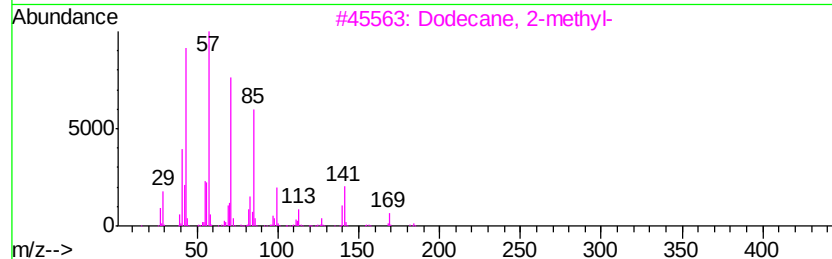
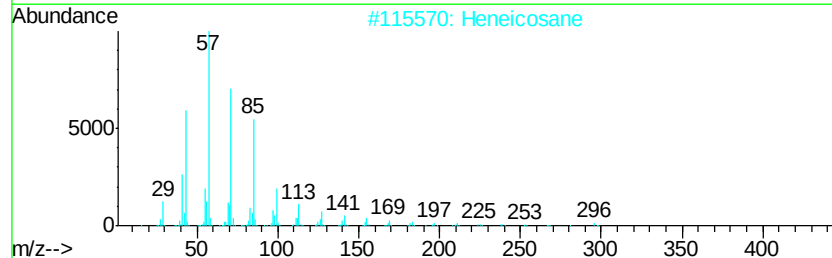
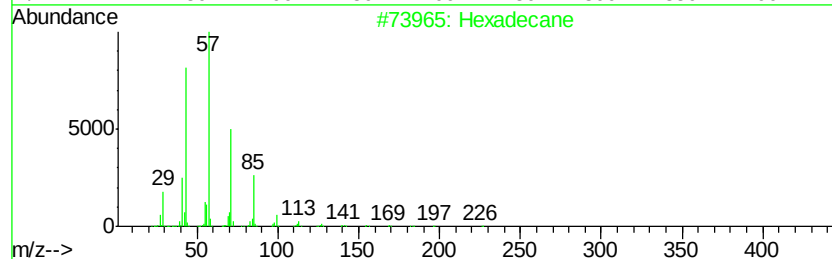
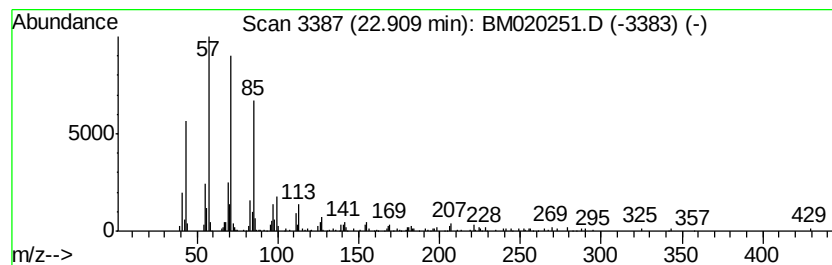
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	3.13 ng	192282	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020251.D
Acq On : 10 May 2019 22:30
Operator : JU/SJ
Sample : K2754-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-2

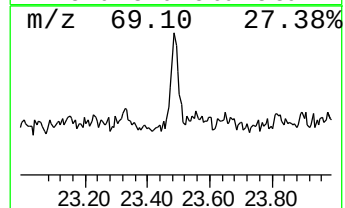
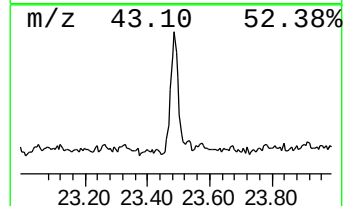
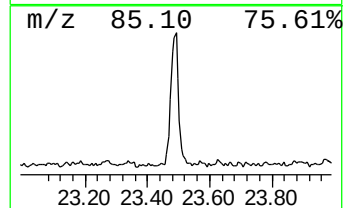
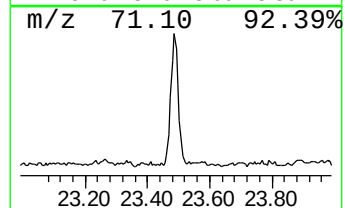
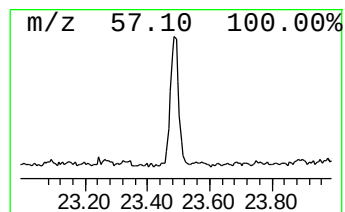
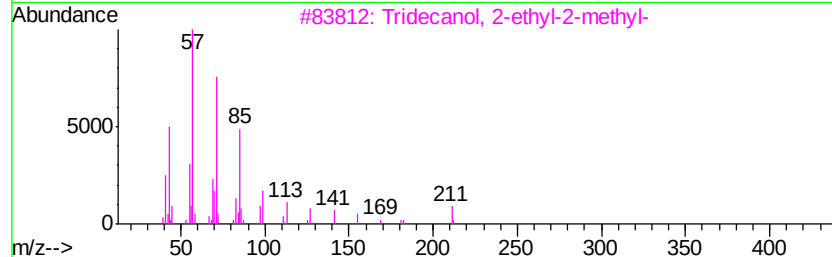
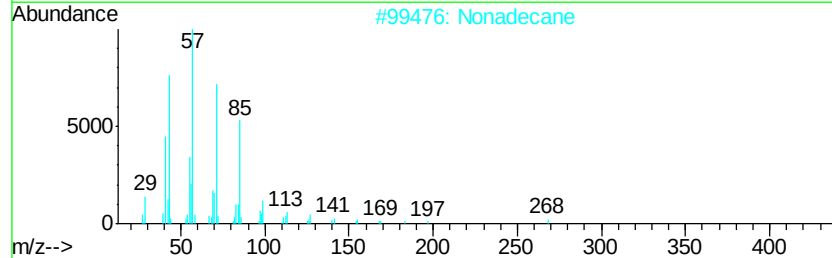
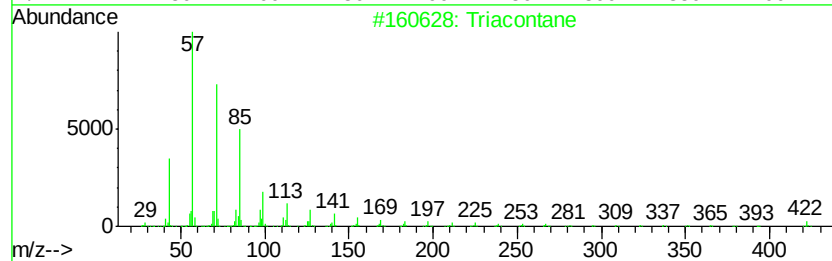
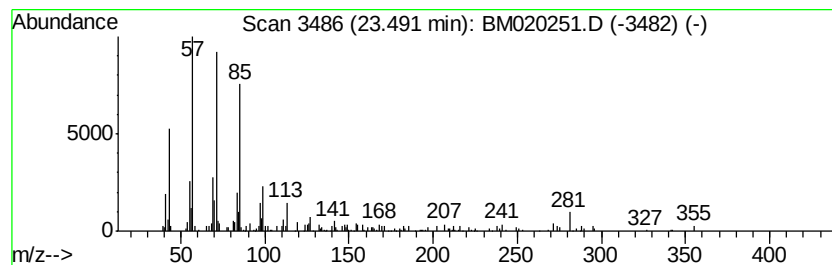
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.49	2.63 ng	161534	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	87
2		Nonadecane	268	C19H40	000629-92-5	86
3		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020251.D
Acq On : 10 May 2019 22:30
Operator : JU/SJ
Sample : K2754-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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
unknown7.30	7.30	87.0	ng	2712040	1	7.77	623383	20.0
n-Hexadecanoic acid	18.05	3.5	ng	281408	4	17.16	1591750	20.0
Cyclotetradecane	21.05	6.3	ng	510008	5	21.35	1610050	20.0
Eicosane	21.92	2.2	ng	174589	5	21.35	1610050	20.0
Hexadecane	22.39	2.5	ng	199789	5	21.35	1610050	20.0
2,6,10,14,18,22-T...	22.52	2.2	ng	133929	6	23.63	1229530	20.0
Heneicosane	22.91	3.1	ng	192282	6	23.63	1229530	20.0
Triacontane	23.49	2.6	ng	161534	6	23.63	1229530	20.0