

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018584.D
 Acq On : 16 Jan 2019 15:38
 Operator : JU/SJ
 Sample : K1007-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-07-011419

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-BM010919.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	5.334	376	382	393	rBV	404957	630887	1.39%	0.456%
2	6.922	644	652	663	rVB	421533	704878	1.55%	0.510%
3	7.281	707	713	720	rVB	463000	747747	1.65%	0.541%
4	7.745	786	792	799	rBV	531067	831886	1.83%	0.602%
5	8.063	840	846	852	rVB	367149	575255	1.27%	0.416%
6	8.910	984	990	995	rBV	273964	492790	1.08%	0.356%
7	10.539	1261	1267	1274	rVB	701379	1166623	2.57%	0.844%
8	13.010	1681	1687	1695	rBV	766864	1120603	2.47%	0.810%
9	13.198	1707	1719	1727	rBV	316419	524958	1.16%	0.380%
10	14.274	1897	1902	1910	rVB	417839	611395	1.35%	0.442%
11	14.392	1917	1922	1929	rVB2	1074015	1675296	3.69%	1.212%
12	15.233	2060	2065	2069	rBV	427497	537998	1.18%	0.389%
13	15.886	2172	2176	2182	rVB	620349	847611	1.86%	0.613%
14	16.098	2207	2212	2219	rBV	442729	754460	1.66%	0.546%
15	16.886	2342	2346	2350	rBV	420740	499779	1.10%	0.361%
16	17.145	2384	2390	2395	rBV	1550360	2114445	4.65%	1.529%
17	17.627	2468	2472	2477	rBV	395120	467384	1.03%	0.338%
18	17.809	2497	2503	2508	rBV	9844604	11639723	25.61%	8.418%
19	18.033	2536	2541	2553	rBV	839860	1418784	3.12%	1.026%
20	18.321	2585	2590	2594	rBV2	372281	519236	1.14%	0.376%
21	18.962	2693	2699	2702	rBV	33076624	45449151	100.00%	32.869%
22	18.998	2702	2705	2714	rVB2	26788324	35349012	77.78%	25.565%
23	19.121	2721	2726	2731	rBV	4734610	5246868	11.54%	3.795%
24	19.180	2731	2736	2738	rBV	1710716	2505557	5.51%	1.812%
25	19.203	2738	2740	2746	rVB2	2156921	2488925	5.48%	1.800%
26	19.321	2757	2760	2770	rVB4	375702	630297	1.39%	0.456%
27	19.492	2785	2789	2794	rVB	964324	1182663	2.60%	0.855%
28	19.774	2833	2837	2841	rBV	1537081	1786322	3.93%	1.292%
29	19.986	2870	2873	2876	rBV	774379	844931	1.86%	0.611%
30	20.109	2892	2894	2906	rVB2	614830	849352	1.87%	0.614%
31	20.221	2909	2913	2916	rBV	755832	862899	1.90%	0.624%
32	20.262	2916	2920	2926	rVV2	861074	1405546	3.09%	1.017%
33	20.321	2926	2930	2935	rVV	943543	1222200	2.69%	0.884%
34	20.527	2963	2965	2969	rVB3	483289	562577	1.24%	0.407%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

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-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.174	3071	3075	3078	rBV	528222	583856	1.28%	0.422%
36	21.333	3098	3102	3107	rVB	2440624	3161735	6.96%	2.287%
37	21.909	3196	3200	3205	rBV2	1014720	1462607	3.22%	1.058%
38	22.597	3312	3317	3324	rBV	1198442	2109304	4.64%	1.525%
39	23.615	3485	3490	3497	rVB	1523576	2686002	5.91%	1.943%

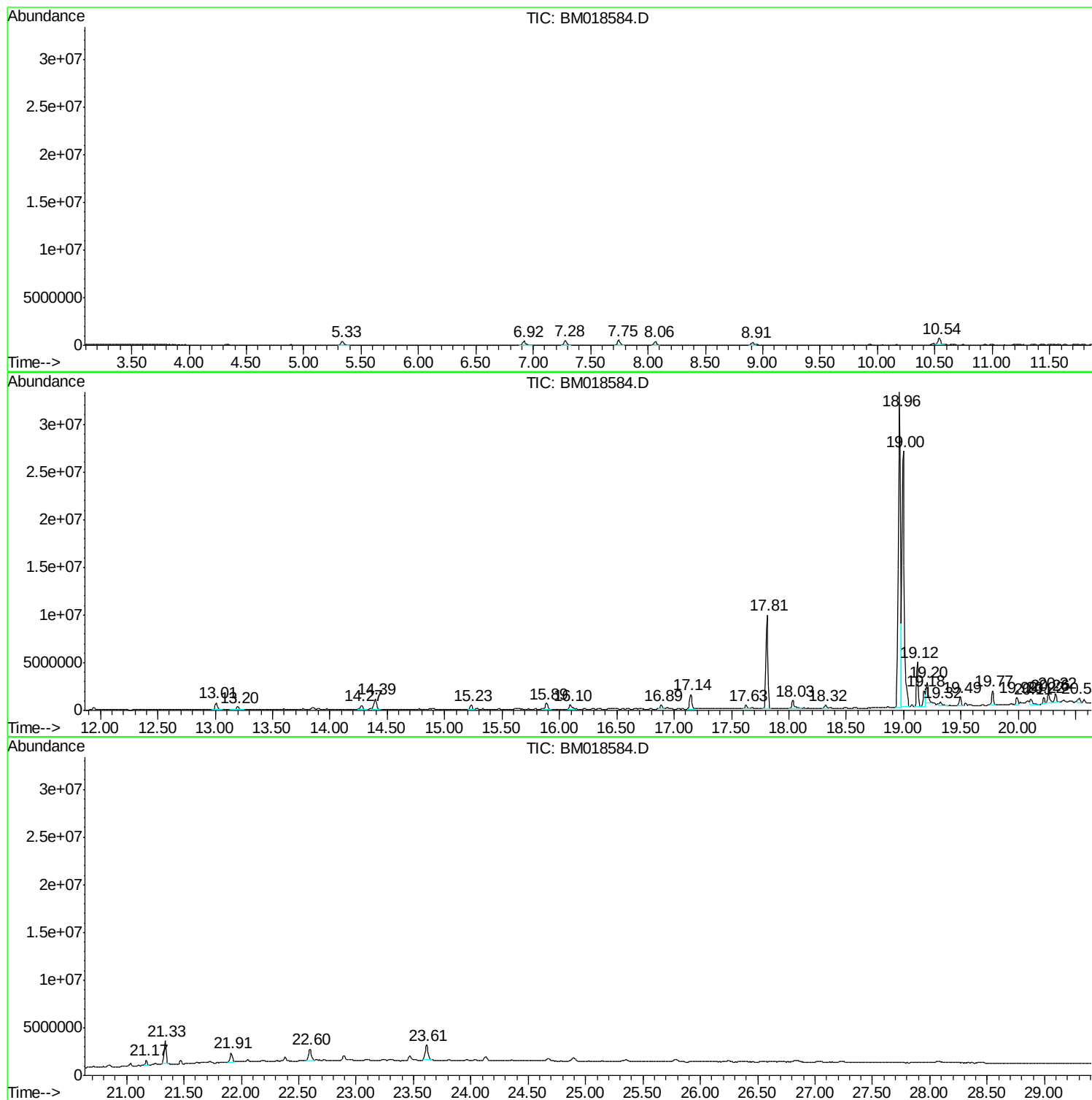
Sum of corrected areas: 138271542

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.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\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

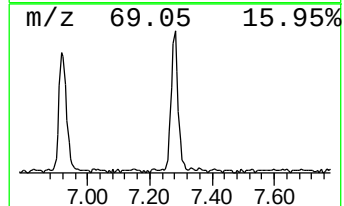
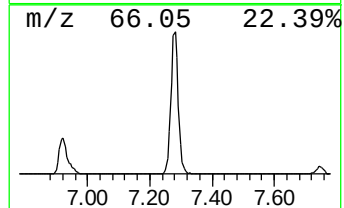
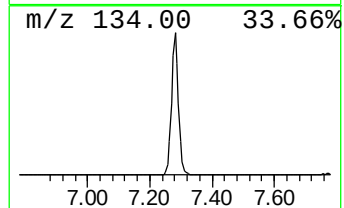
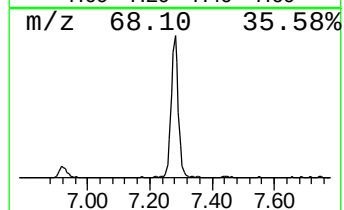
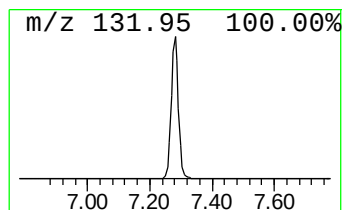
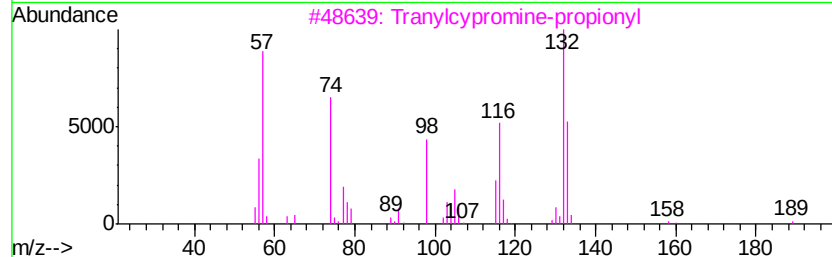
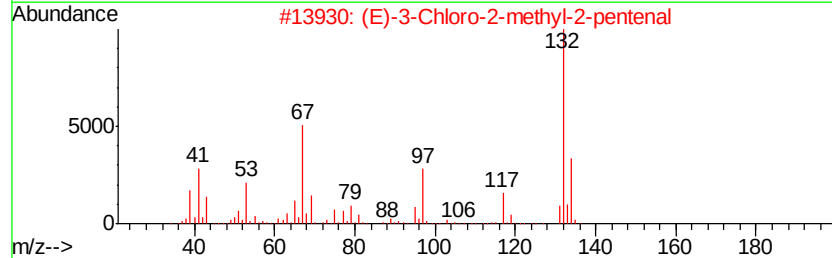
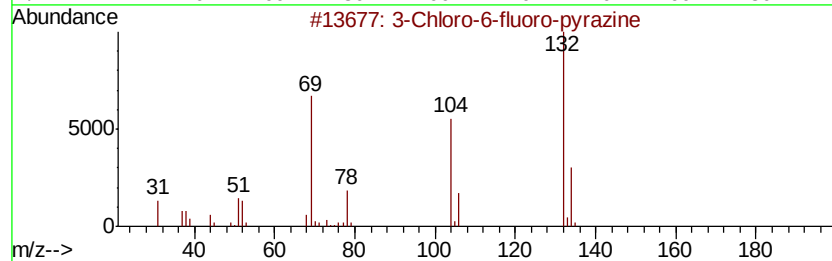
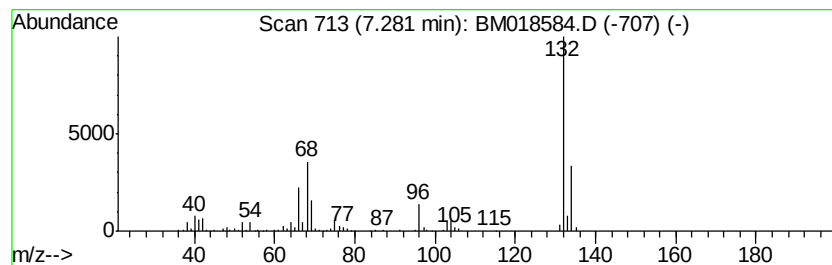
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.28 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	17.98 ng	747747	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

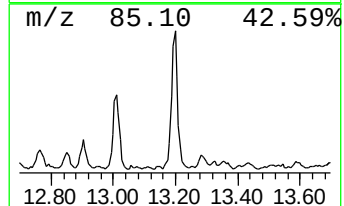
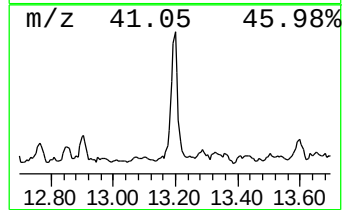
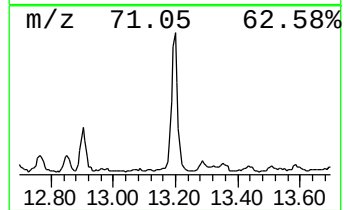
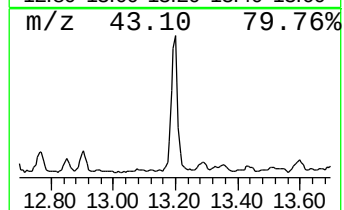
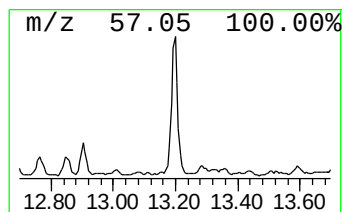
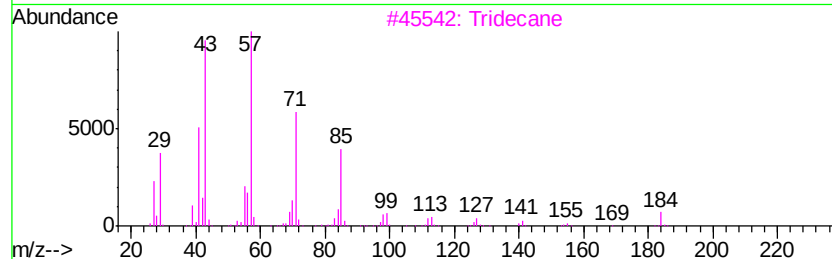
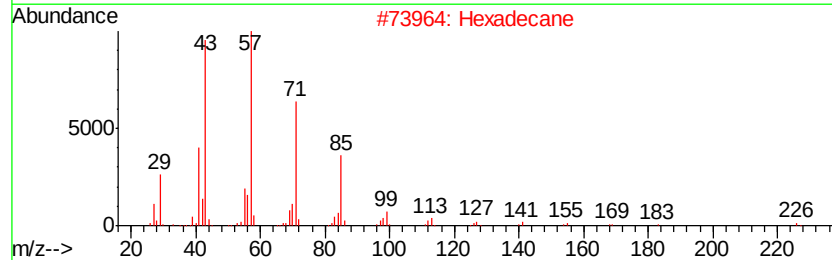
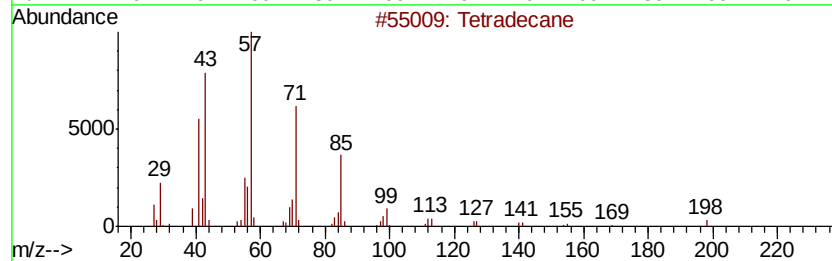
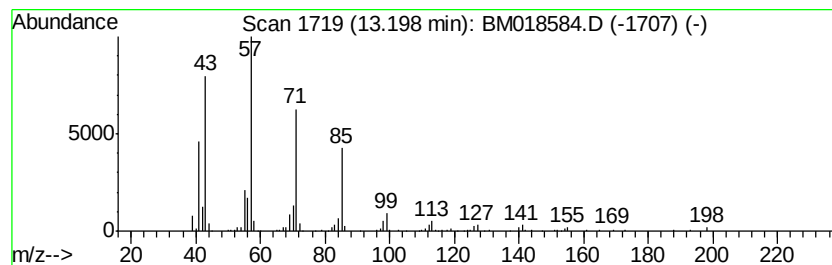
Instrument :
BNA_M
ClientSampleId :
NB-07-011419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.20	6.27 ng	524958	Acenaphthene-d10		14.39
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

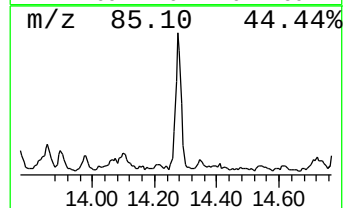
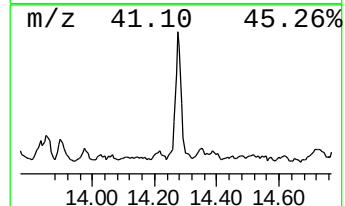
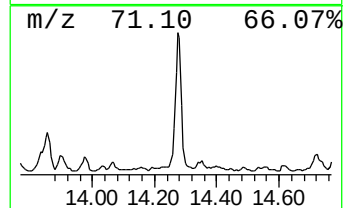
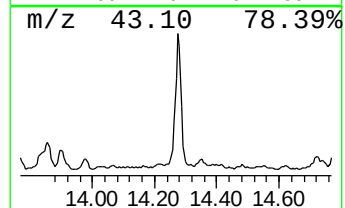
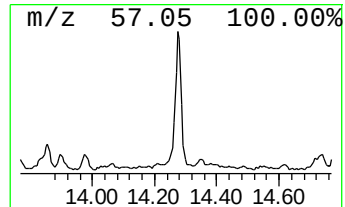
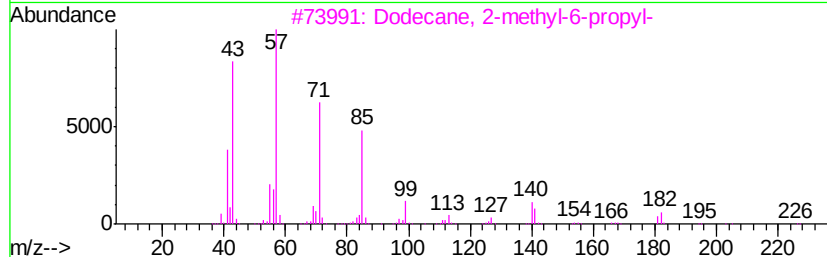
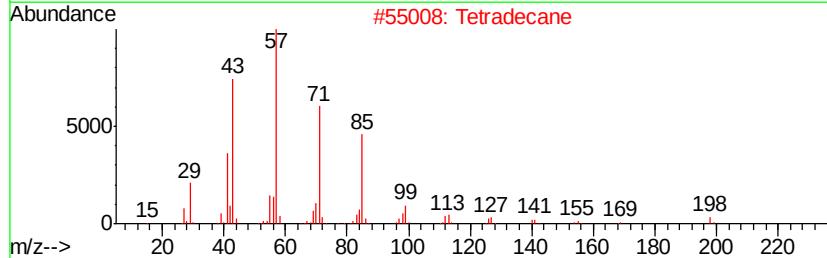
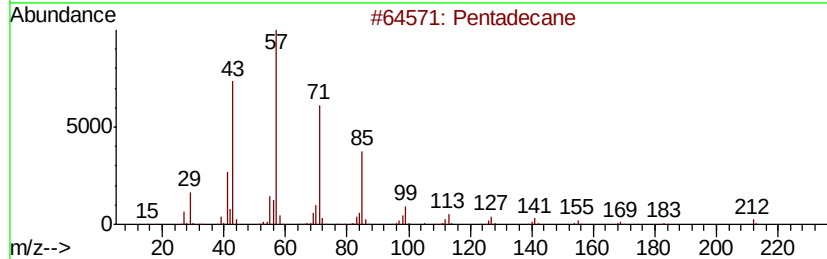
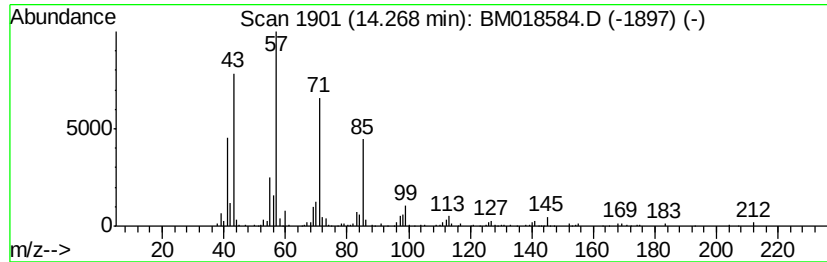
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	7.30 ng	611395	Acenaphthene-d10	14.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	94
2	Tetradecane		198	C14H30	000629-59-4	87
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
4	Tridecane, 7-propyl-		226	C16H34	055045-09-5	86
5	Eicosane		282	C20H42	000112-95-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

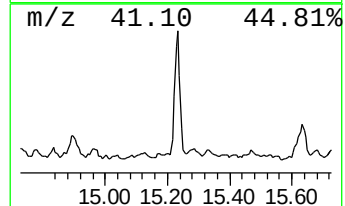
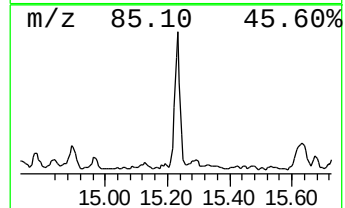
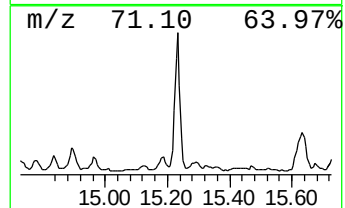
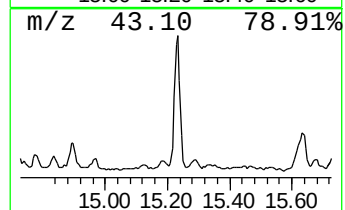
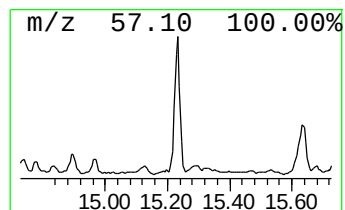
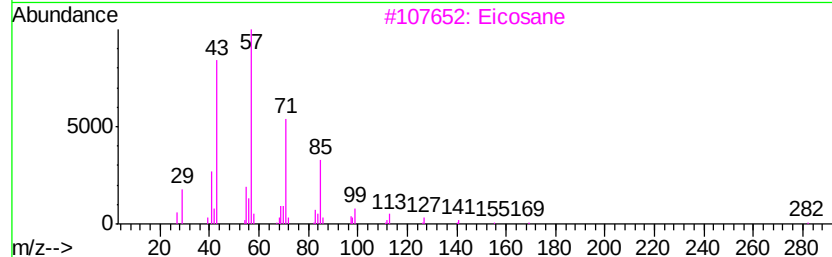
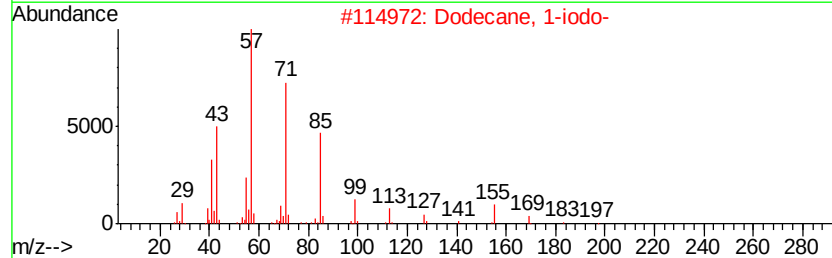
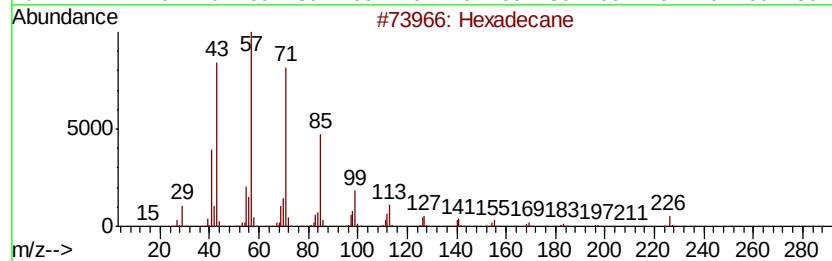
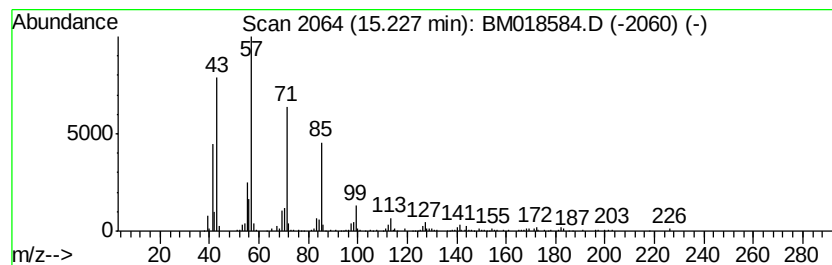
Instrument :
BNA_M
ClientSampleId :
NB-07-011419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.23	6.42 ng	537998	Acenaphthene-d10	14.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Eicosane	282	C20H42	000112-95-8	74
4	Pentadecane	212	C15H32	000629-62-9	72
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

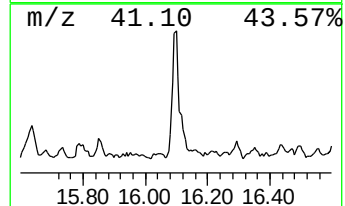
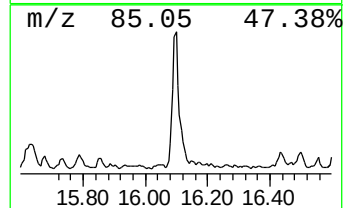
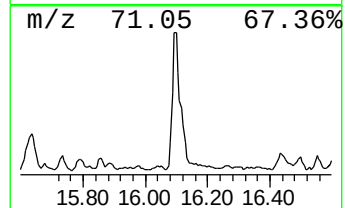
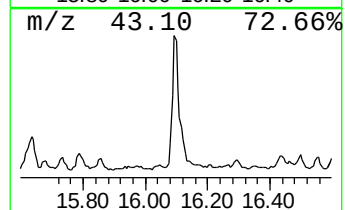
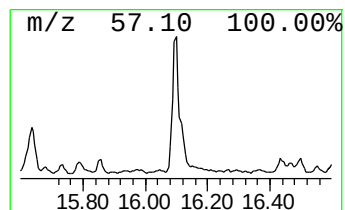
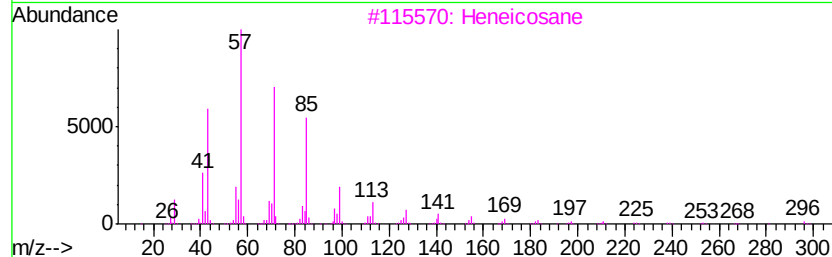
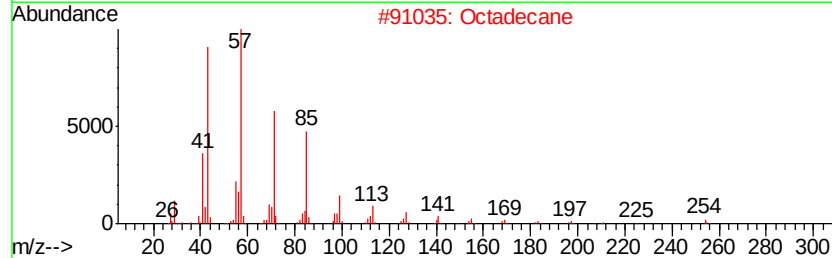
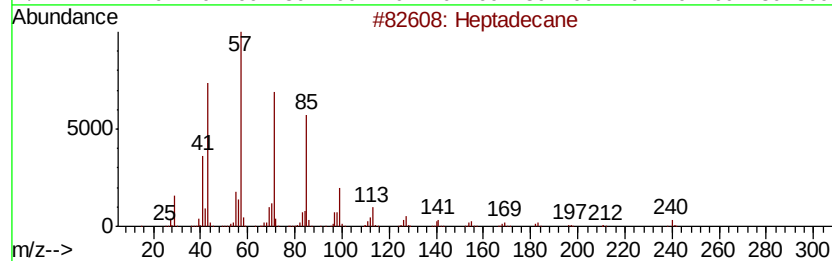
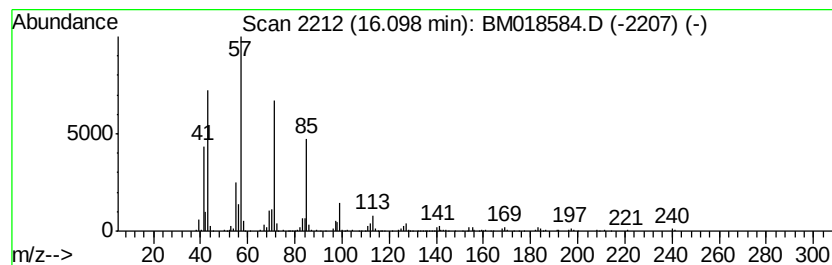
Instrument :
BNA_M
ClientSampleId :
NB-07-011419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.10	7.14 ng	754460	Phenanthrene-d10		17.14
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

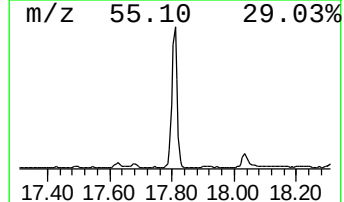
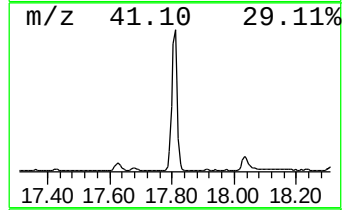
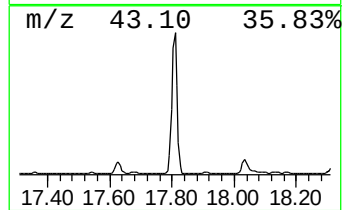
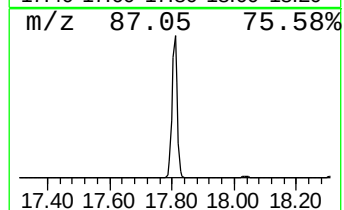
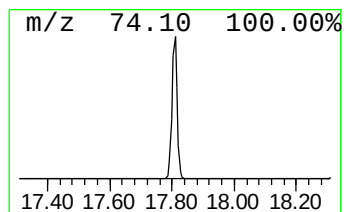
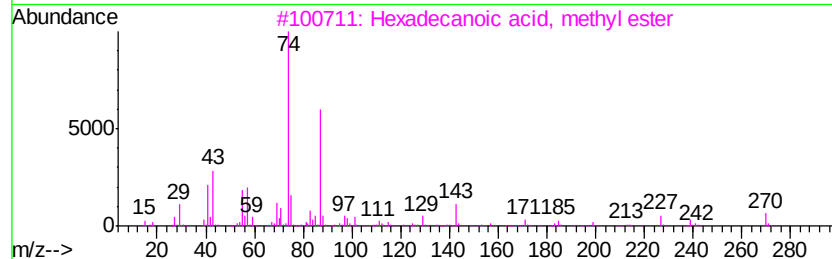
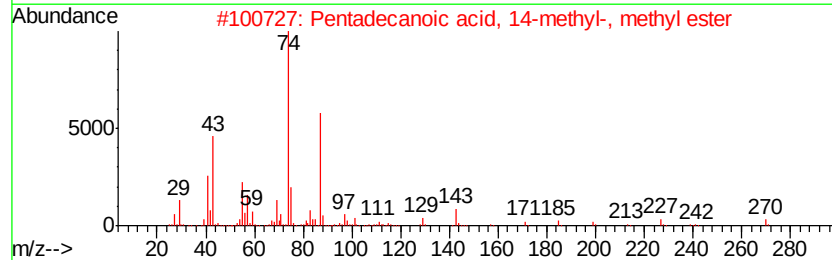
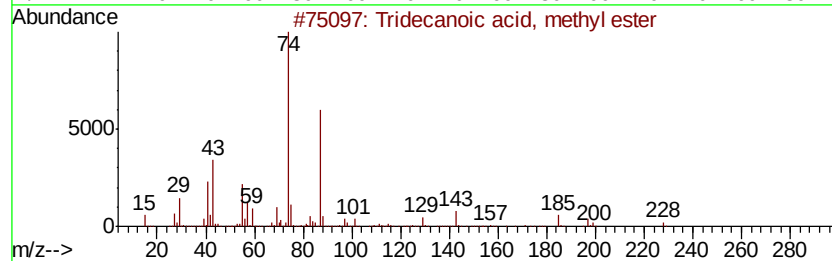
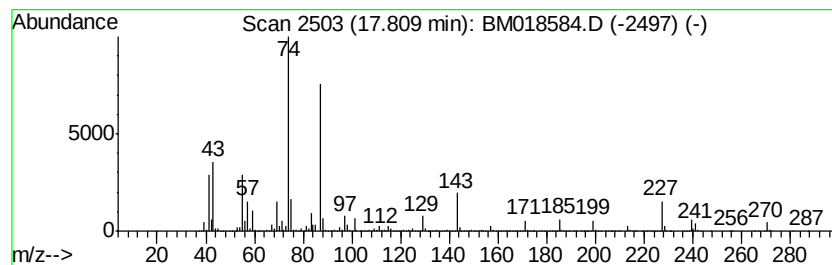
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	110.10 ng	11639700	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	94
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4		9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	90
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

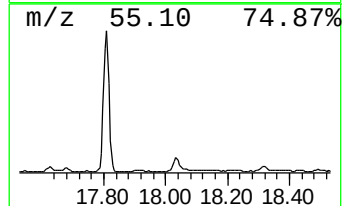
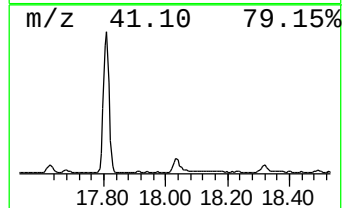
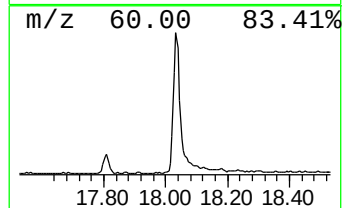
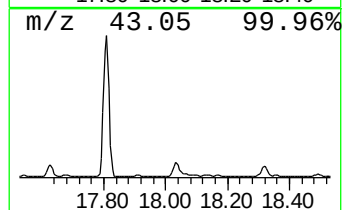
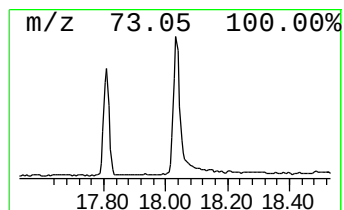
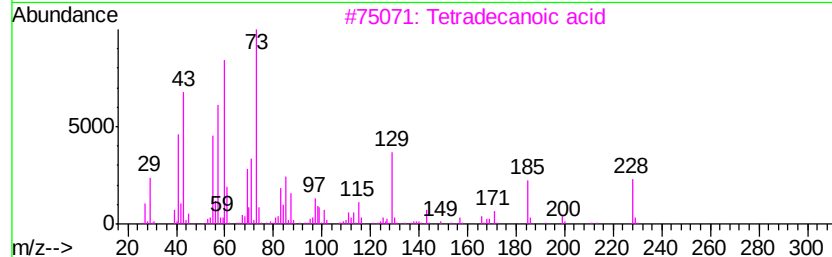
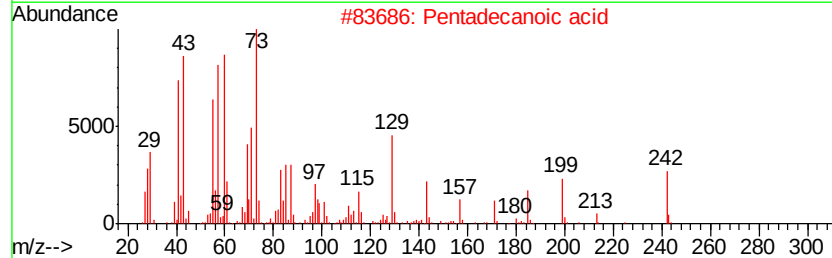
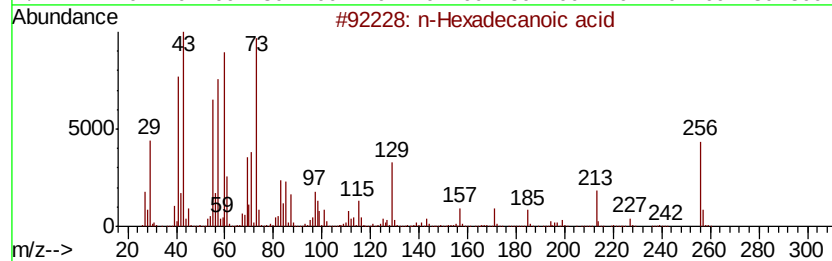
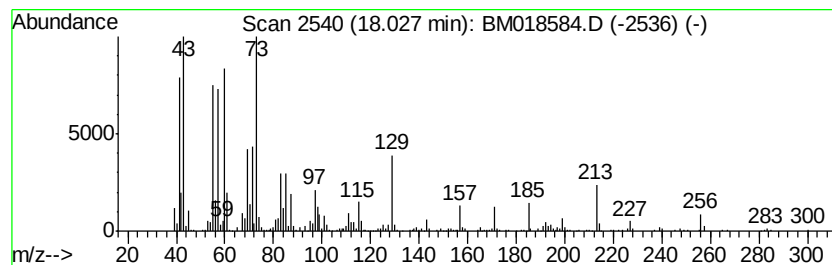
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	13.42 ng	1418780	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

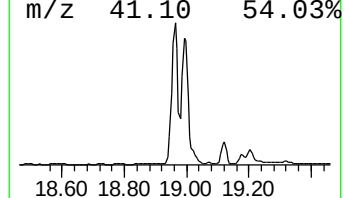
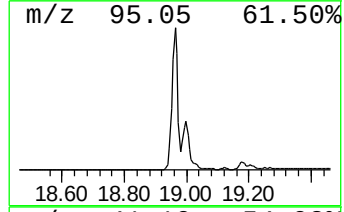
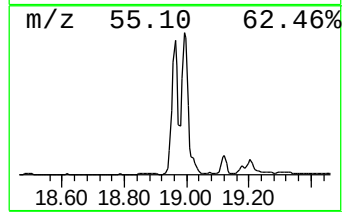
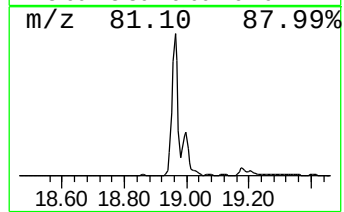
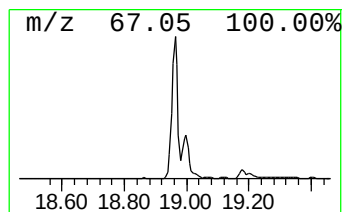
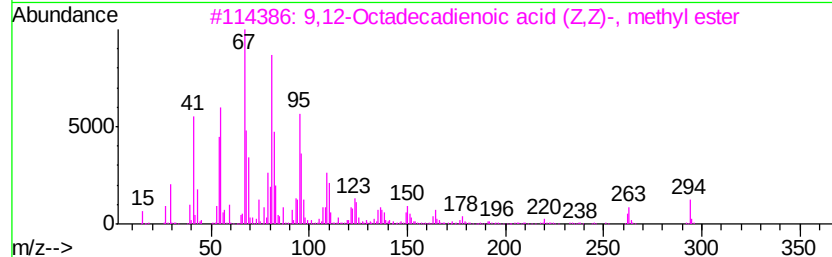
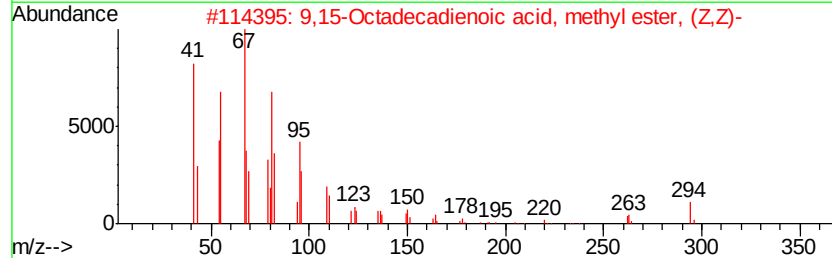
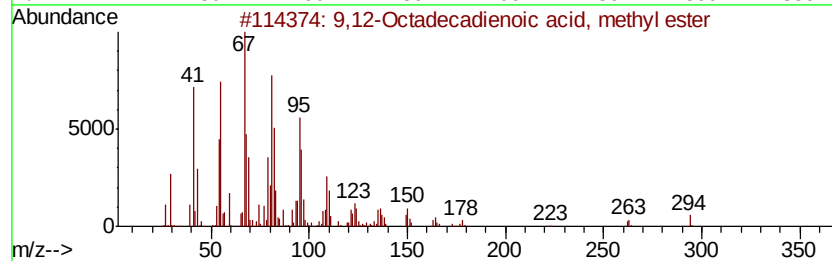
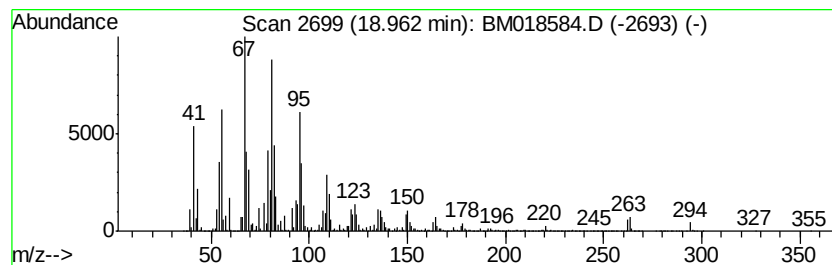
Instrument :
BNA_M
ClientSampleId :
NB-07-011419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.96	429.89 ng	45449200	Phenanthrene-d10	17.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

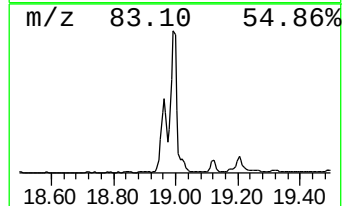
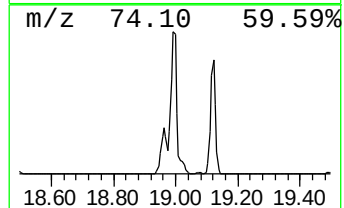
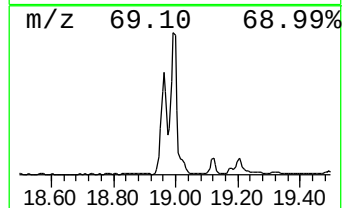
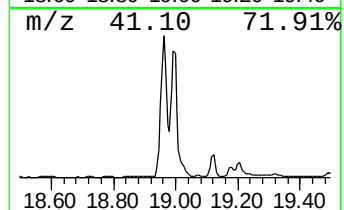
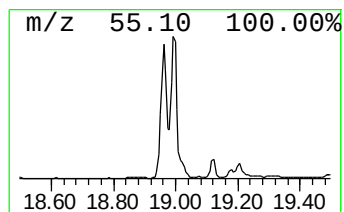
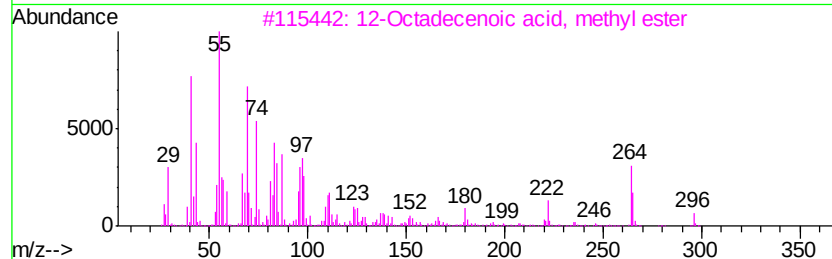
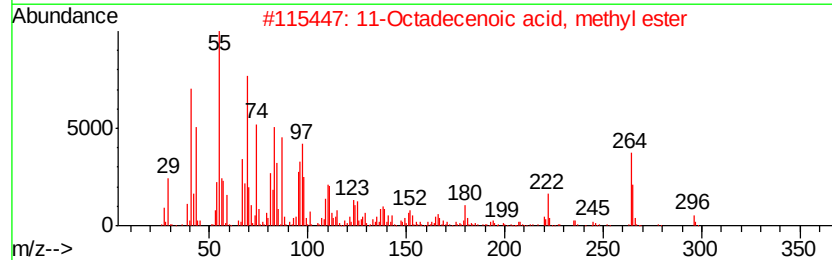
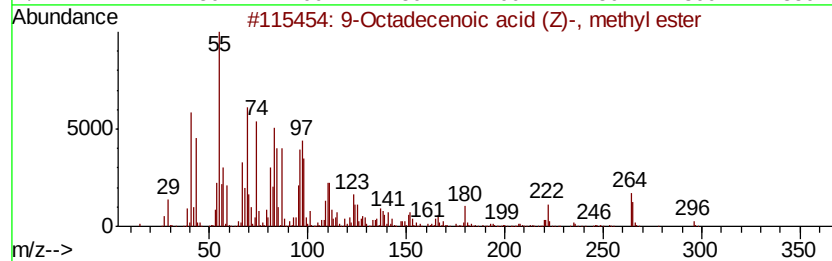
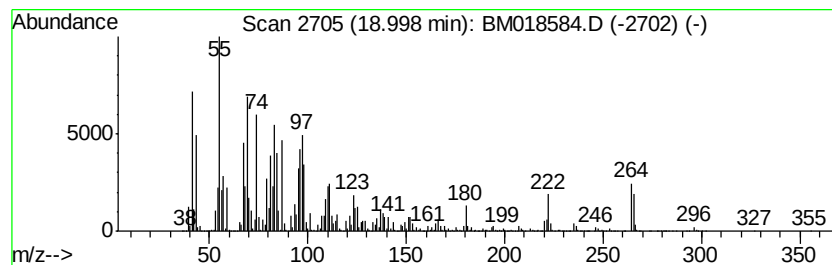
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	334.36 ng	35349000	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

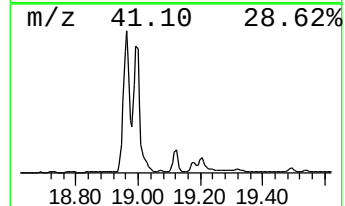
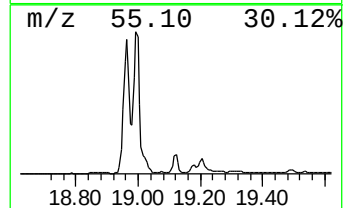
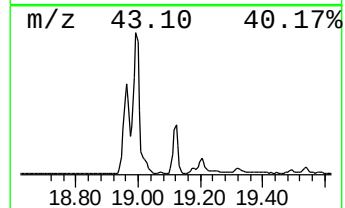
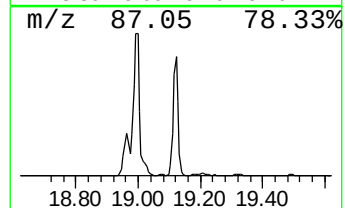
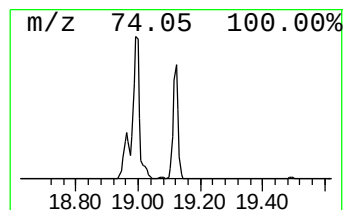
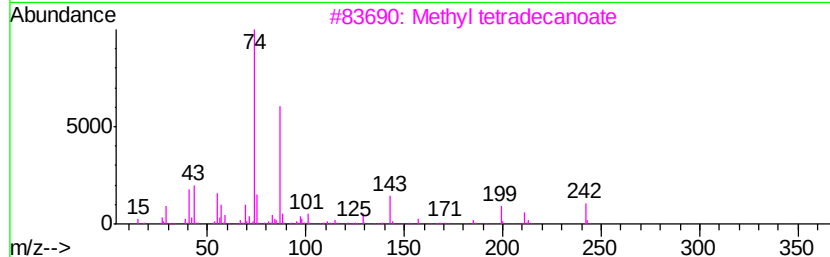
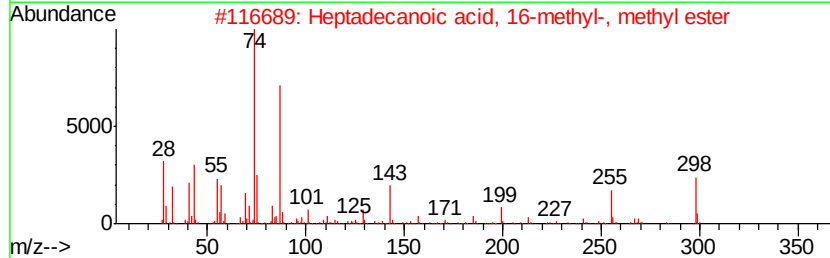
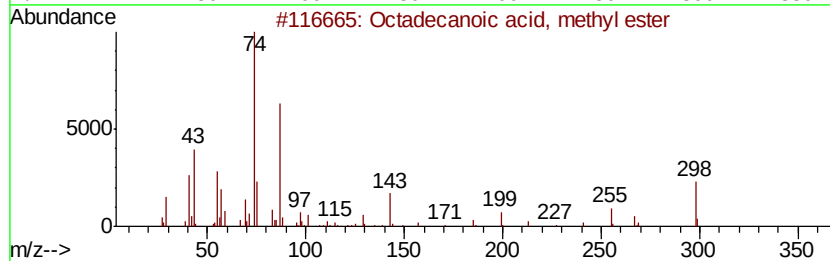
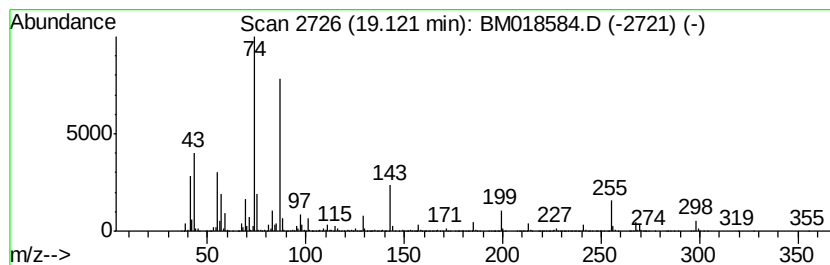
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	49.63 ng	5246870	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	97
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80
5		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

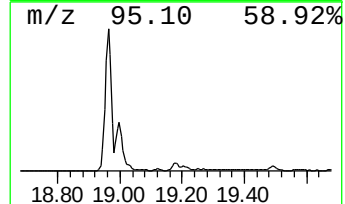
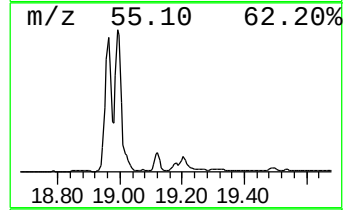
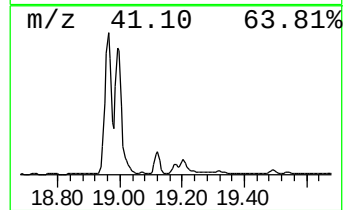
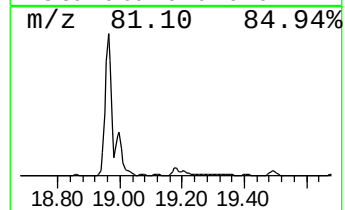
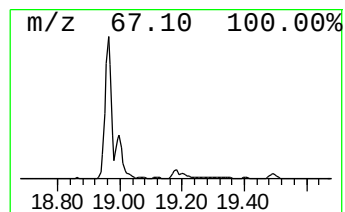
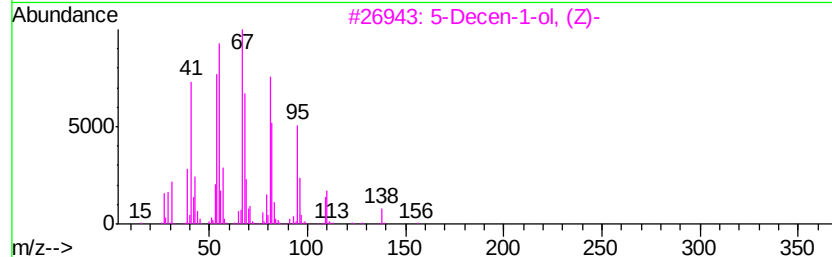
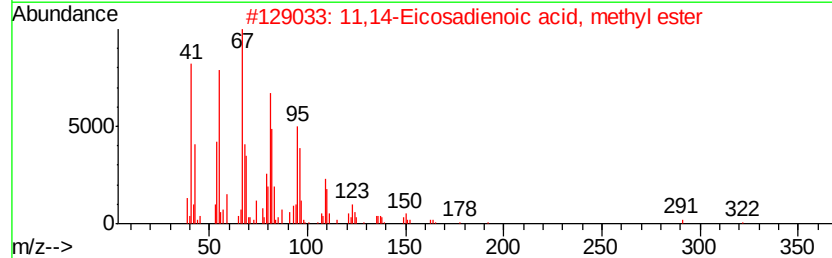
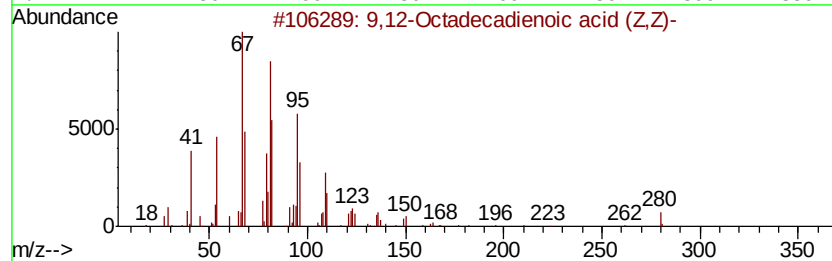
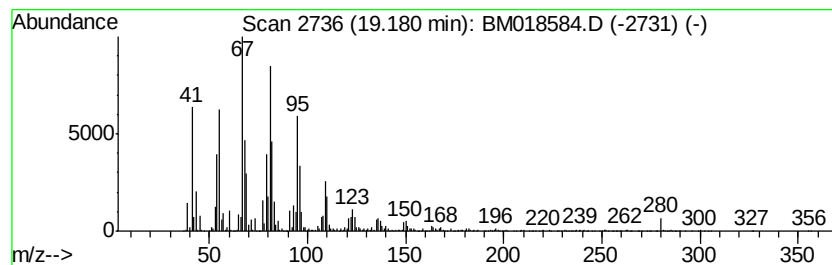
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,12-Octadecadienoic acid (... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	23.70 ng	2505560	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2			11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	89
3			5-Decen-1-ol, (Z)-	156	C10H20O	051652-47-2	87
4			5-Decen-1-ol, (E)-	156	C10H20O	056578-18-8	87
5			Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

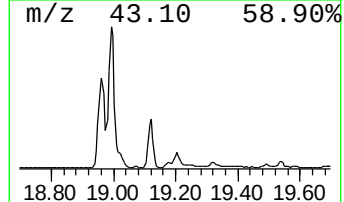
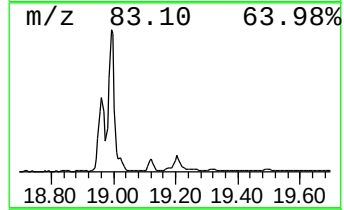
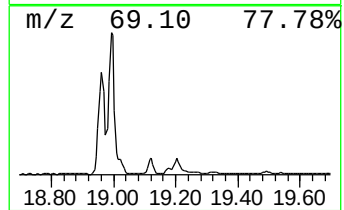
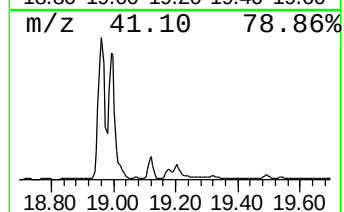
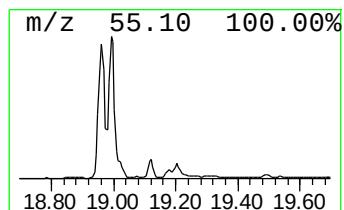
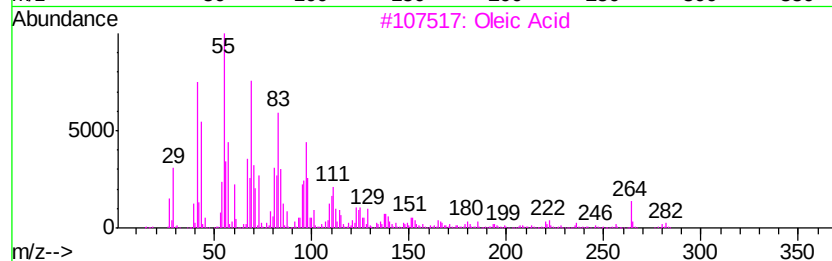
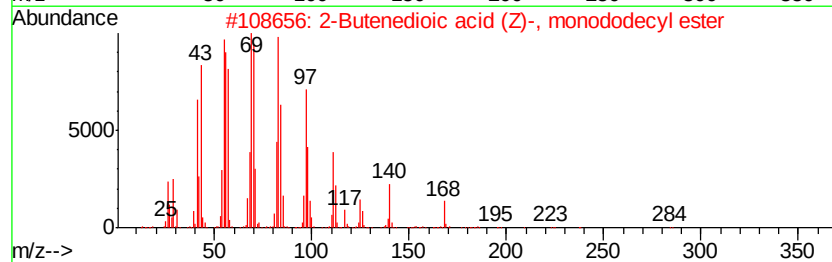
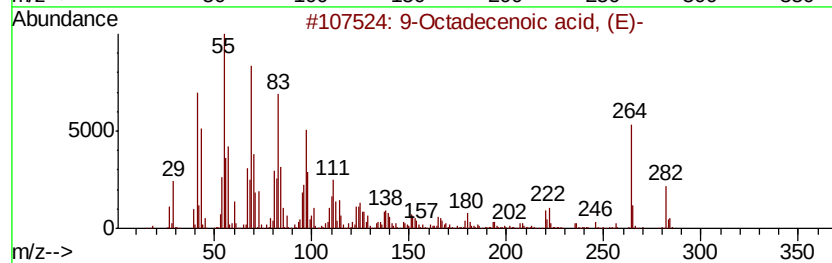
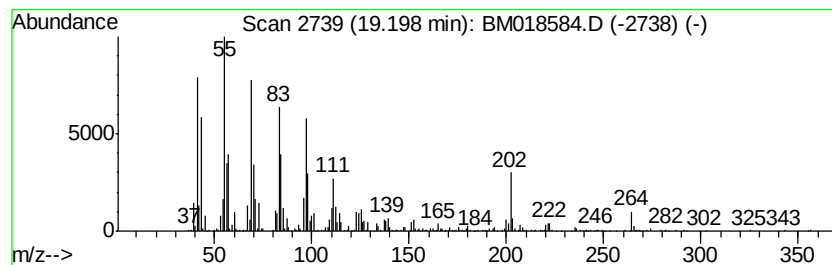
Instrument :
BNA_M
ClientSampleId :
NB-07-011419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenoic acid, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.20	23.54 ng	2488930	Phenanthrene-d10	17.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	98
2	2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	74
3	Oleic Acid	282	C18H34O2	000112-80-1	72
4	Cyclododecanemethanol	198	C13H26O	001892-12-2	52
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

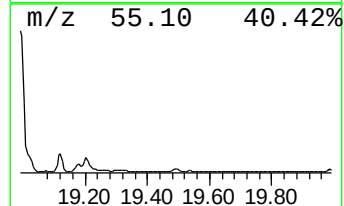
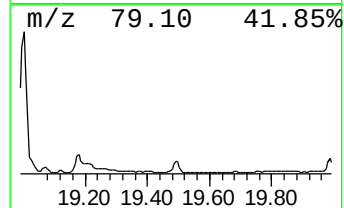
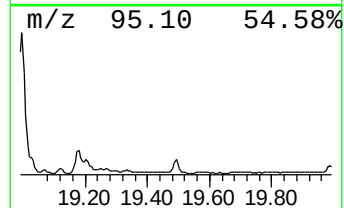
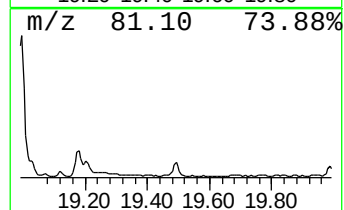
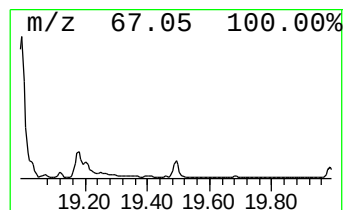
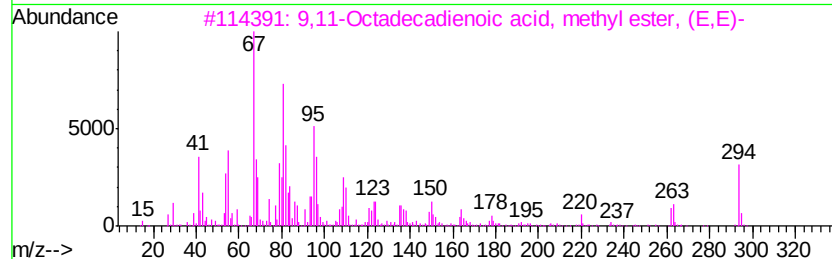
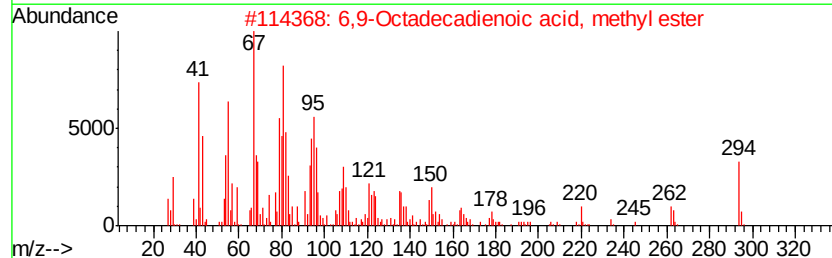
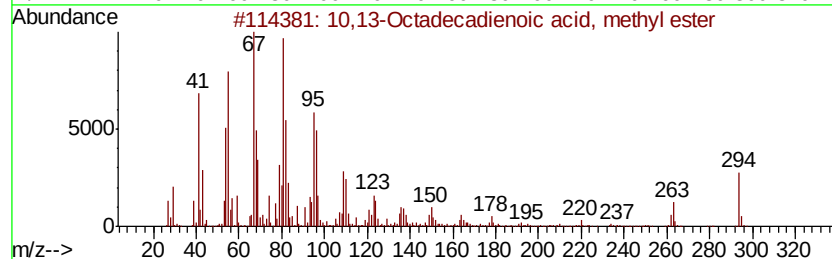
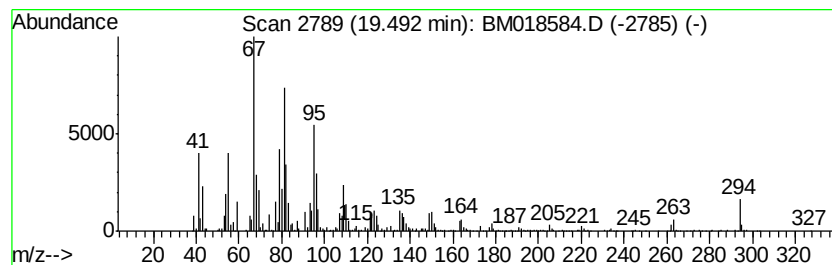
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 10,13-Octadecadienoic acid,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	7.48 ng	1182660	Chrysene-d12	21.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	92
2			6,9-Octadecadienoic acid, methyl...	294	C19H34O2	056599-55-4	91
3			9,11-Octadecadienoic acid, methv...	294	C19H34O2	013038-47-6	89
4			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	89
5			8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

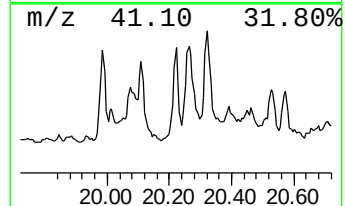
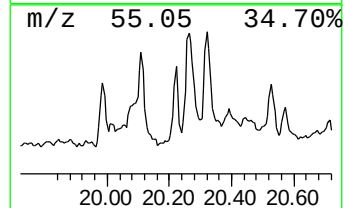
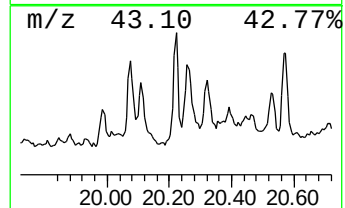
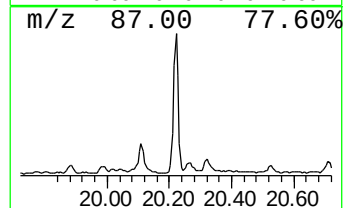
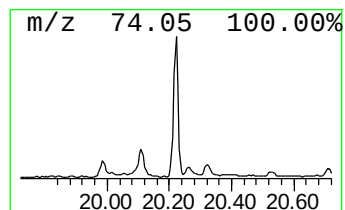
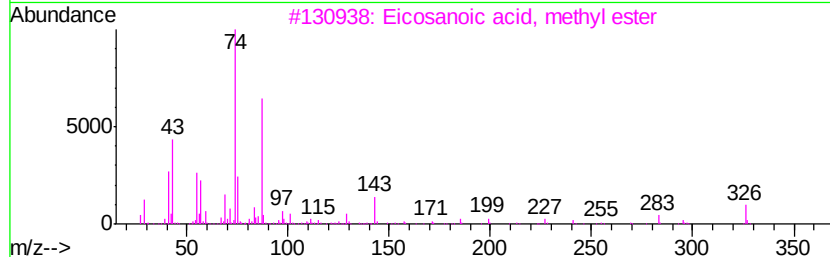
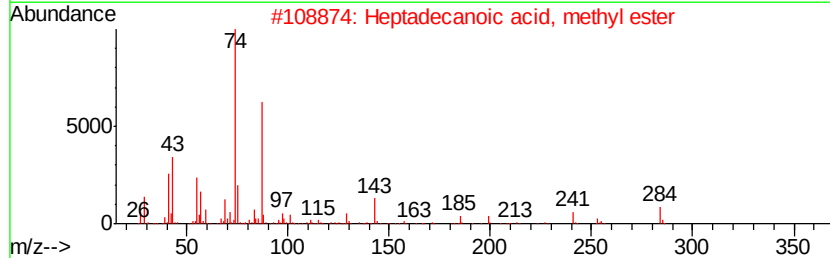
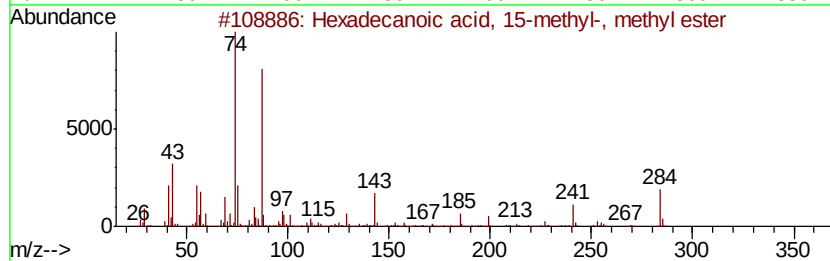
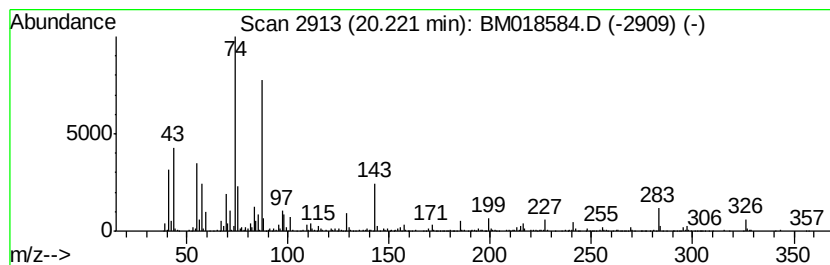
Instrument :
BNA_M
ClientSampleId :
NB-07-011419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecanoic acid, 15-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.22	5.46 ng	862899	Chrysene-d12	21.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96	
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95	
3	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95	
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91	
5	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	91	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

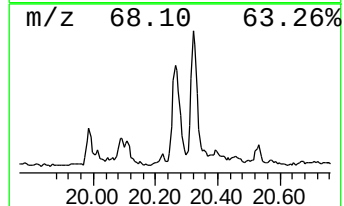
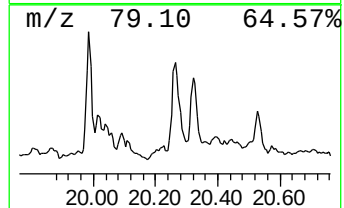
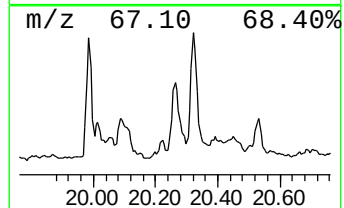
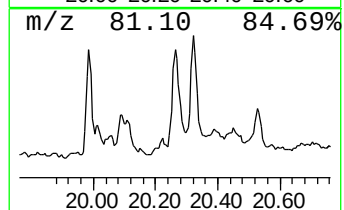
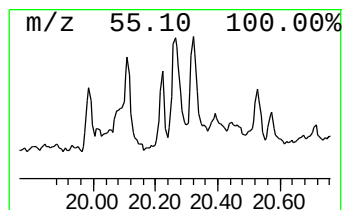
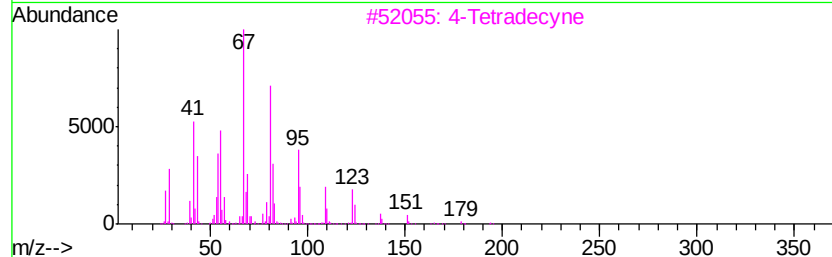
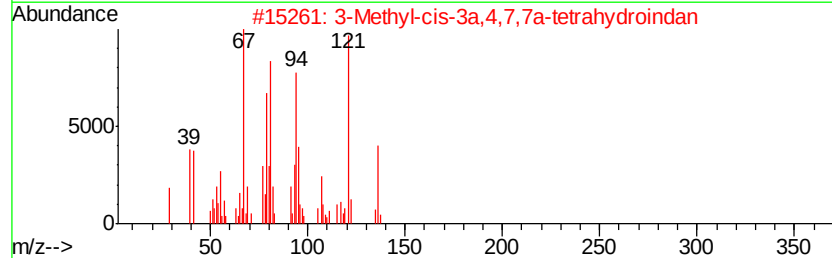
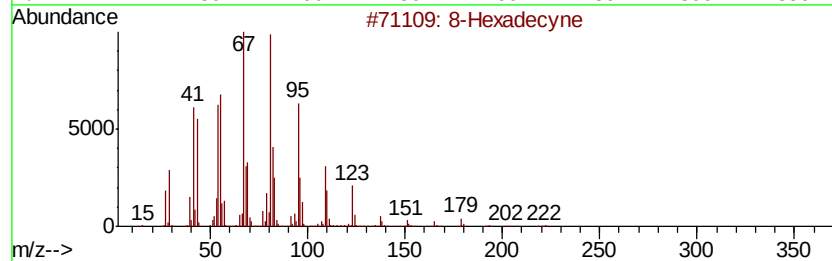
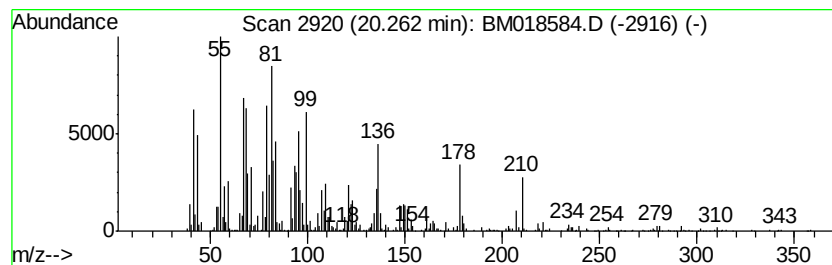
Instrument :
BNA_M
ClientSampleId :
NB-07-011419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 8-Hexadecyne Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	8.89 ng	1405550	Chrysene-d12	21.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	8-Hexadecyne	222 C16H30	019781-86-3	64
2	3-Methyl-cis-3a,4,7,7a-tetrahydr...	136 C10H16	1000144-04-4	55
3	4-Tetradecyne	194 C14H26	060212-33-1	50
4	13-Tetradecene-11-yn-1-ol	208 C14H24O	1000131-00-4	50
5	Bicyclo[10.1.0]tridec-1-ene	178 C13H22	054766-91-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

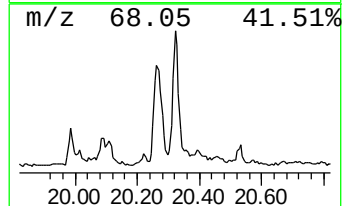
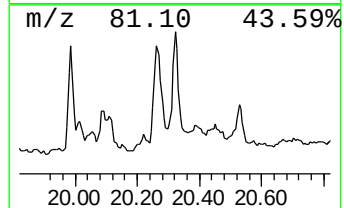
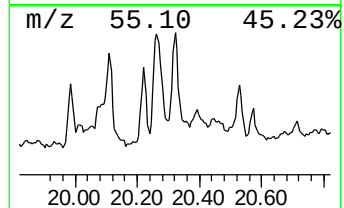
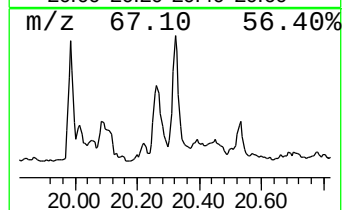
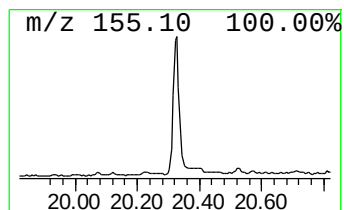
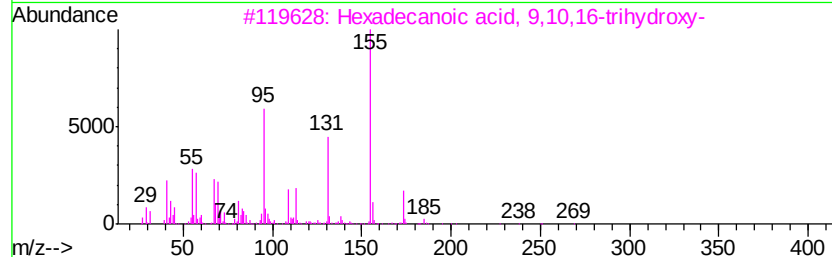
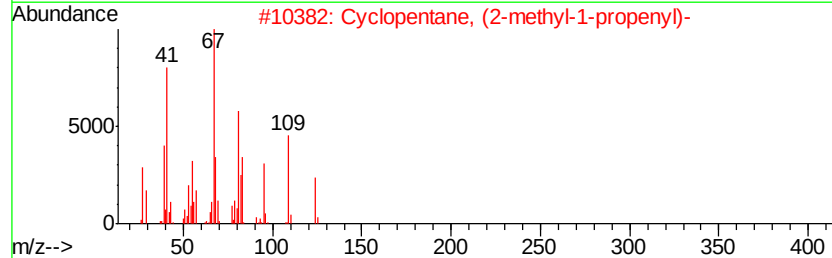
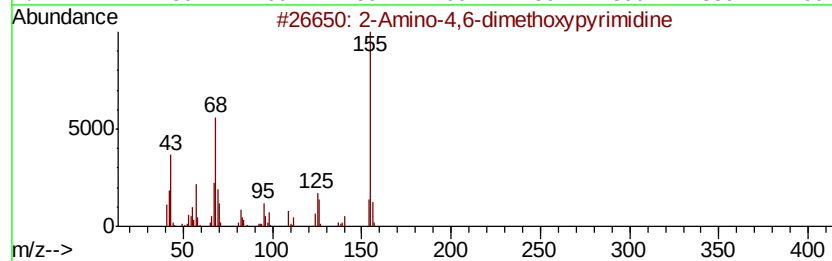
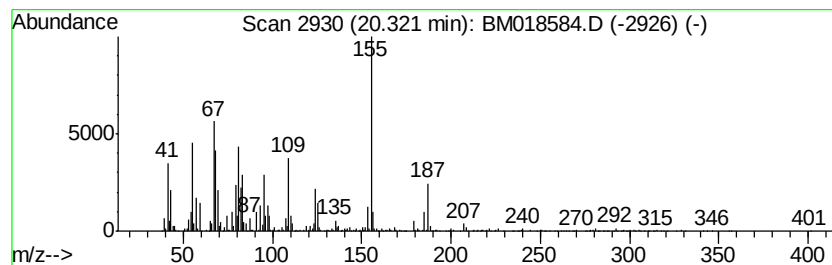
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown20.32 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	7.73 ng	1222200	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Amino-4,6-dimethoxypyrimidine	155	C6H9N3O2	036315-01-2	43
2		Cyclopentane, (2-methyl-1-propenyl)-	124	C9H16	053366-57-7	41
3		Hexadecanoic acid, 9,10,16-trihydroxy-	304	C16H32O5	006949-98-0	38
4		Thiazolidine, 2-(2-furyl)-	155	C7H9NOS	051859-60-0	35
5		Cyclohexane, 1,3-dimethyl-2-methyl-	124	C9H16	020348-74-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

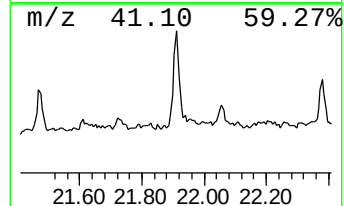
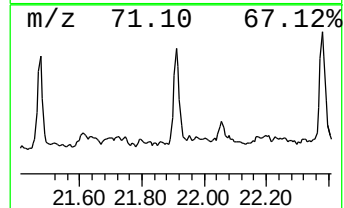
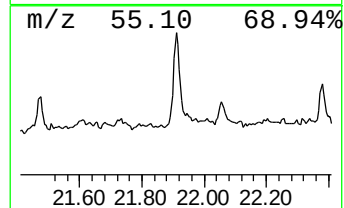
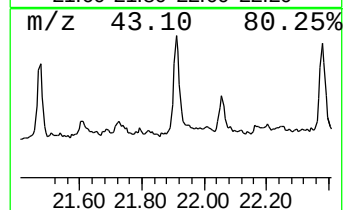
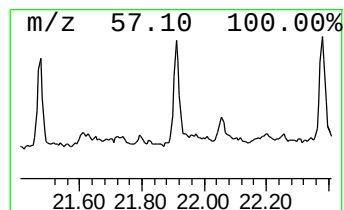
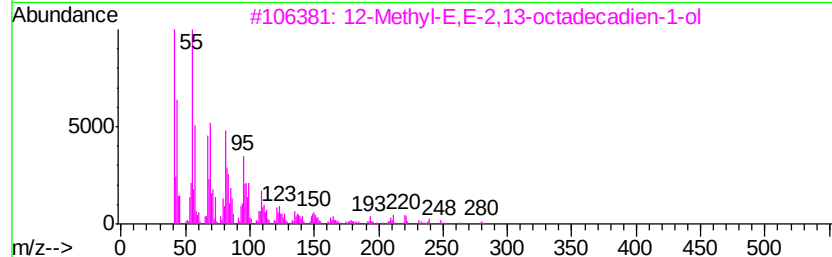
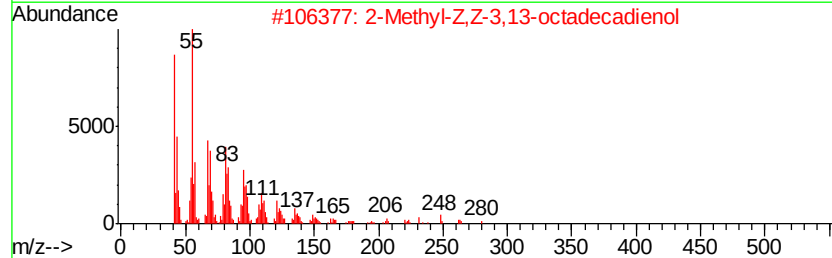
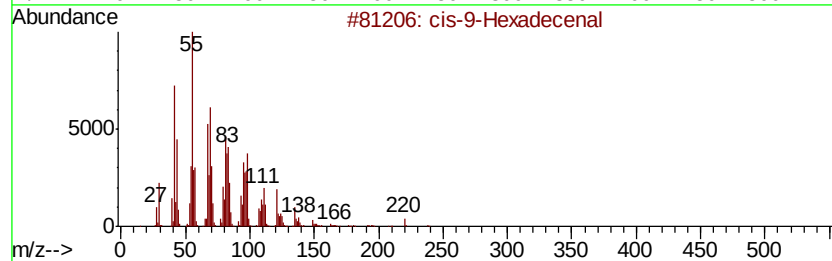
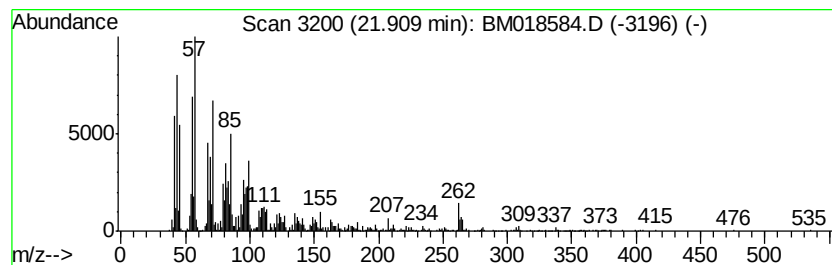
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 cis-9-Hexadecenal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	9.25 ng	1462610	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-9-Hexadecenal	238	C16H30O	056219-04-6	86
2		2-Methyl-Z,Z-3,13-octadecadienol	280	C19H36O	1000130-90-5	56
3		12-Methyl-E,E-2,13-octadecadien-...	280	C19H36O	1000130-90-4	55
4		9-Octadecenoic acid (Z)-, 2-hydr...	326	C20H38O3	004500-01-0	51
5		9-Oxabicyclo[6.1.0]nonane, cis-	126	C8H14O	004925-71-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018584.D
Acq On : 16 Jan 2019 15:38
Operator : JU/SJ
Sample : K1007-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-07-011419

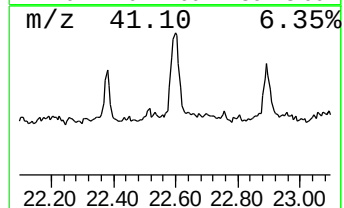
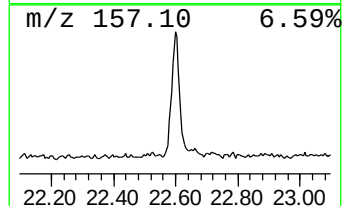
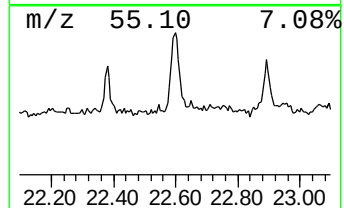
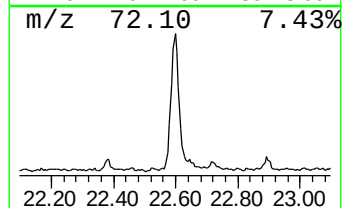
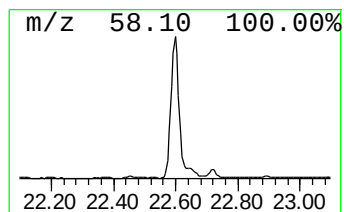
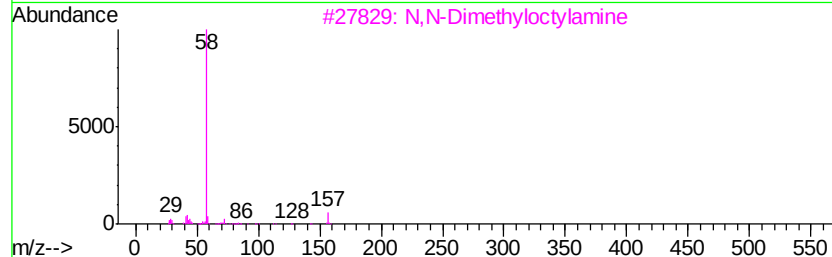
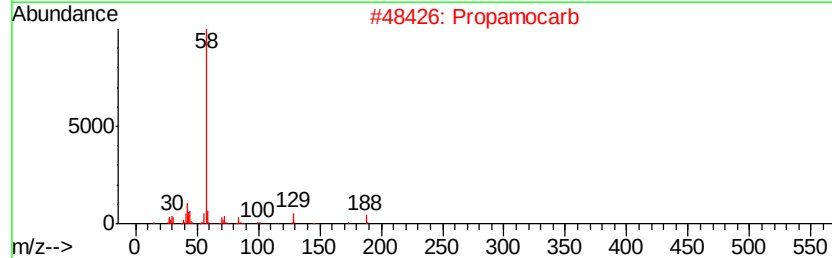
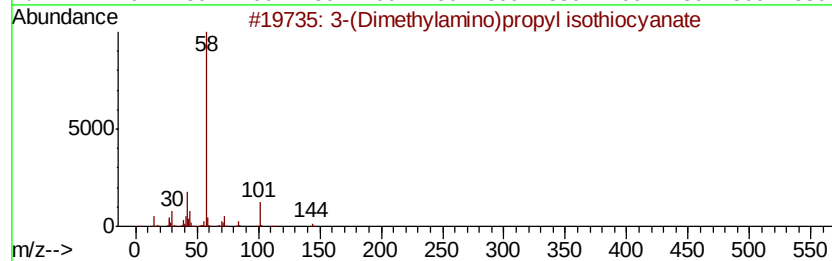
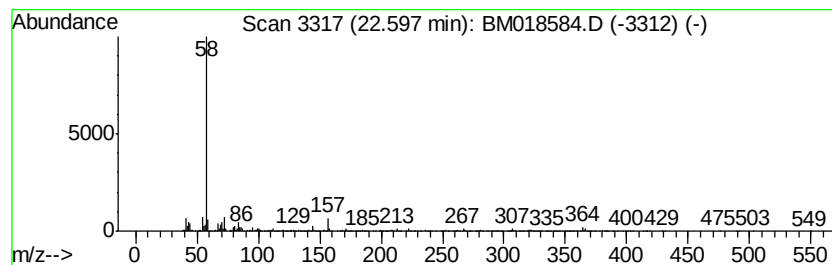
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3-(Dimethylamino)propyl iso... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	15.71 ng	2109300	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
2		Propamocarb	188	C9H20N2O2	024579-73-5	72
3		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
4		Benzedrex	155	C10H21N	000101-40-6	64
5		2,5-Dichloro-3,6-bis[.gamma.-dim...	376	C16H26Cl2N4O2	1000255-81-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
 Data File : BM018584.D
 Acq On : 16 Jan 2019 15:38
 Operator : JU/SJ
 Sample : K1007-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-07-011419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.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
unknown7.28	7.28	18.0	ng	747747	1	7.75	831886	20.0
Tetradecane	13.20	6.3	ng	524958	3	14.39	1675300	20.0
Pentadecane	14.27	7.3	ng	611395	3	14.39	1675300	20.0
Hexadecane	15.23	6.4	ng	537998	3	14.39	1675300	20.0
Heptadecane	16.10	7.1	ng	754460	4	17.14	2114450	20.0
Tridecanoic acid,...	17.81	110.1	ng	11639700	4	17.14	2114450	20.0
n-Hexadecanoic acid	18.03	13.4	ng	1418780	4	17.14	2114450	20.0
9,12-Octadecadien...	18.96	429.9	ng	45449200	4	17.14	2114450	20.0
9-Octadecenoic ac...	19.00	334.4	ng	35349000	4	17.14	2114450	20.0
Octadecanoic acid...	19.12	49.6	ng	5246870	4	17.14	2114450	20.0
9,12-Octadecadien...	19.18	23.7	ng	2505560	4	17.14	2114450	20.0
9-Octadecenoic ac...	19.20	23.5	ng	2488930	4	17.14	2114450	20.0
10,13-Octadecadie...	19.49	7.5	ng	1182660	5	21.33	3161740	20.0
Hexadecanoic acid...	20.22	5.5	ng	862899	5	21.33	3161740	20.0
8-Hexadecyne	20.26	8.9	ng	1405550	5	21.33	3161740	20.0
unknown20.32	20.32	7.7	ng	1222200	5	21.33	3161740	20.0
cis-9-Hexadecenal	21.91	9.3	ng	1462610	5	21.33	3161740	20.0
3-(Dimethylamino)...	22.60	15.7	ng	2109300	6	23.61	2686000	20.0