

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081019\
 Data File : BF116145.D
 Acq On : 10 Aug 2019 12:42
 Operator : HP/JU
 Sample : K4152-36
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(30)

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_F\METHODS\8270-BF073019.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	2.146	3	10	27	rVB	1559152	2135462	55.36%	5.661%
2	5.469	571	575	599	rBV	2911024	3232004	83.78%	8.568%
3	6.481	742	747	765	rBV	2953450	3746972	97.13%	9.934%
4	6.610	765	769	773	rBV	3422699	3425210	88.79%	9.081%
5	6.834	804	807	818	rBV	1089523	1037565	26.90%	2.751%
6	6.992	830	834	851	rBV	2771279	2619302	67.90%	6.944%
7	7.398	899	903	923	rBV	2008736	2339432	60.64%	6.202%
8	8.116	1021	1025	1045	rBV	1339302	1394020	36.14%	3.696%
9	9.192	1203	1208	1218	rBV	3953159	3857691	100.00%	10.227%
10	9.586	1272	1275	1289	rBV	220497	252737	6.55%	0.670%
11	9.869	1319	1323	1338	rBV	1723335	1613888	41.84%	4.279%
12	10.663	1454	1458	1474	rBV	1788413	1976845	51.24%	5.241%
13	11.357	1572	1576	1585	rBV	1493996	1536287	39.82%	4.073%
14	11.422	1585	1587	1596	rVB4	53018	72394	1.88%	0.192%
15	11.880	1661	1665	1675	rBV3	351846	574681	14.90%	1.524%
16	12.574	1780	1783	1793	rBV	121736	186307	4.83%	0.494%
17	12.668	1795	1799	1808	rBV	712154	909302	23.57%	2.411%
18	12.804	1819	1822	1828	rVB	140600	186934	4.85%	0.496%
19	12.939	1841	1845	1848	rBV	3280449	3094257	80.21%	8.203%
20	13.116	1873	1875	1880	rVB4	42414	47164	1.22%	0.125%
21	13.504	1939	1941	1944	rVB	51091	43776	1.13%	0.116%
22	13.857	1994	2001	2010	rBV5	123961	338605	8.78%	0.898%
23	14.004	2021	2026	2034	rBV	816768	995739	25.81%	2.640%
24	14.145	2048	2050	2053	rVB	64783	57592	1.49%	0.153%
25	14.451	2100	2102	2106	rVB	103157	89077	2.31%	0.236%
26	14.757	2151	2154	2157	rVB	123202	113571	2.94%	0.301%
27	14.827	2163	2166	2170	rVB	173611	169591	4.40%	0.450%
28	15.086	2207	2210	2219	rVB2	172977	217242	5.63%	0.576%
29	15.468	2270	2275	2290	rVB	734837	1152335	29.87%	3.055%
30	15.886	2343	2346	2353	rVB	125106	165455	4.29%	0.439%
31	16.380	2426	2430	2437	rBV2	80624	139048	3.60%	0.369%

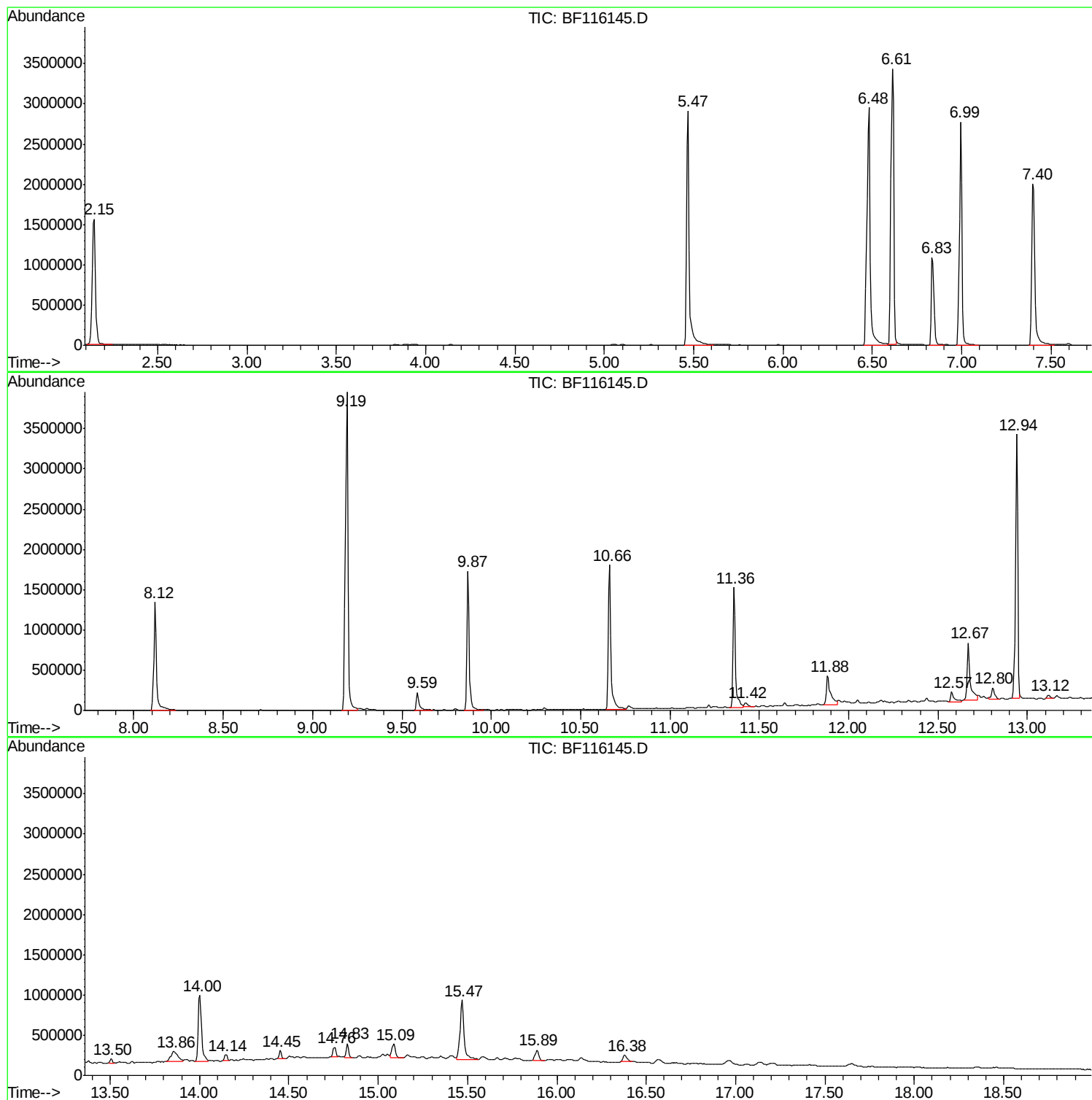
Sum of corrected areas: 37720485

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.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 F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

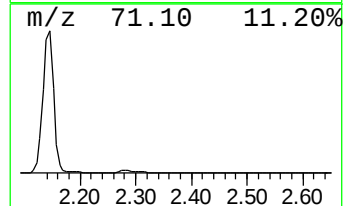
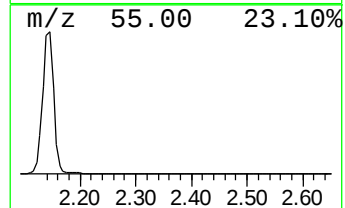
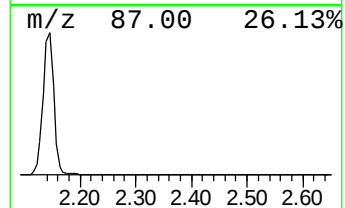
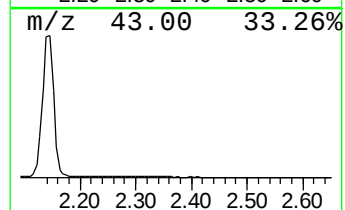
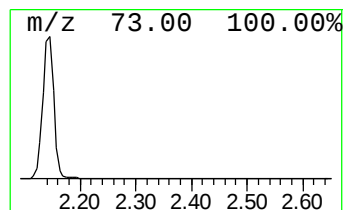
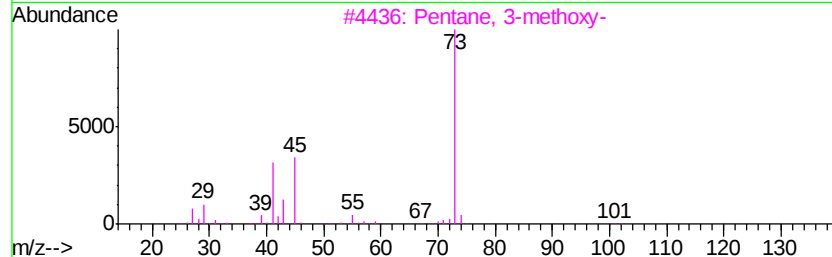
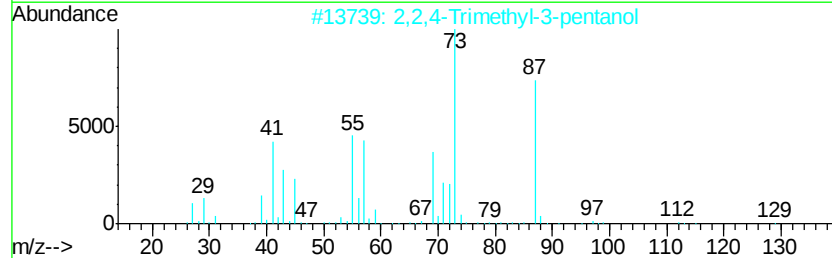
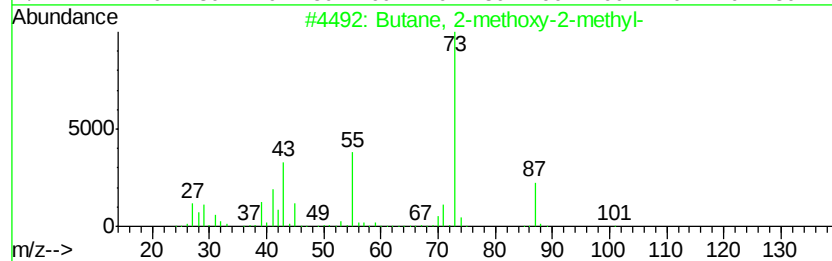
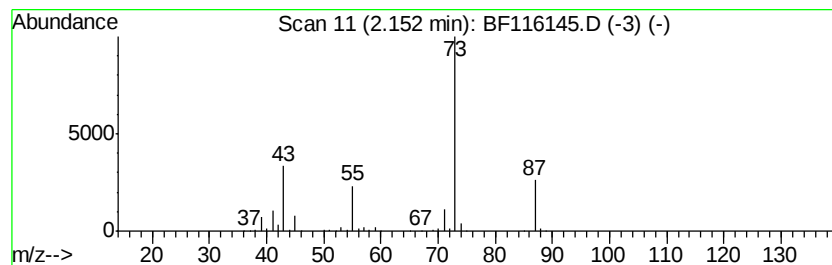
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	41.16 ng	2135460	1,4-Dichlorobenzene-d4	6.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8 83
2		2,2,4-Trimethyl-3-pentanol	130 C8H18O	005162-48-1 39
3		Pentane, 3-methoxy-	102 C6H14O	036839-67-5 23
4		Silane, tetramethyl-	88 C4H12Si	000075-76-3 17
5		N-Ethylformamide	73 C3H7NO	000627-45-2 9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

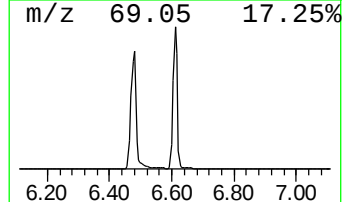
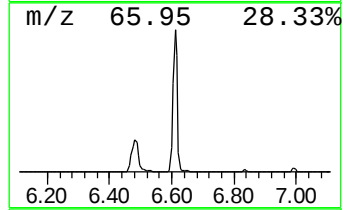
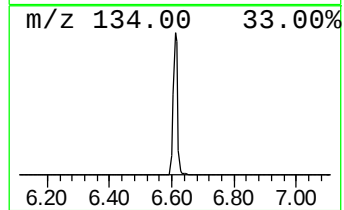
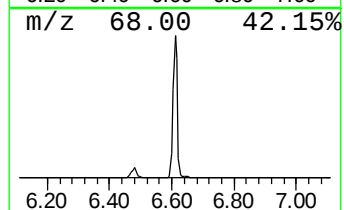
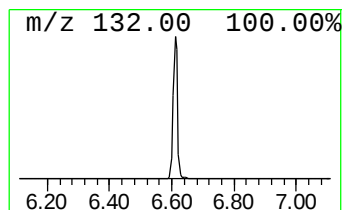
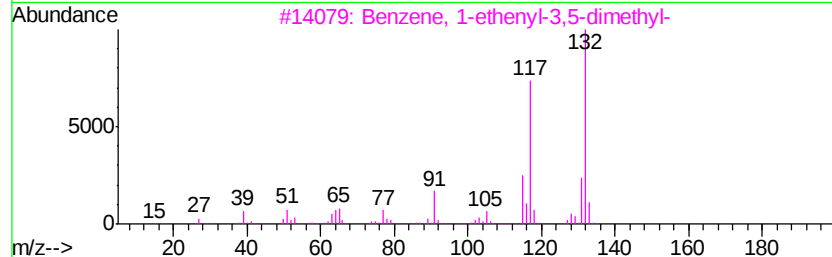
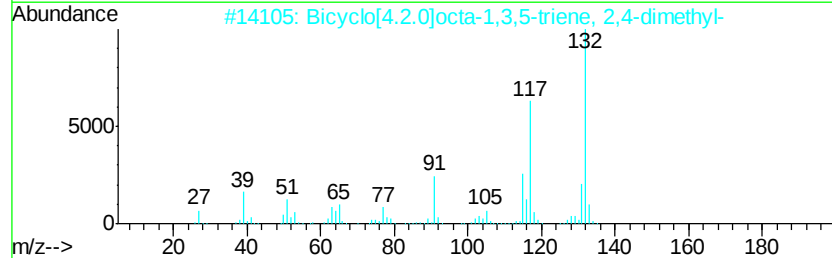
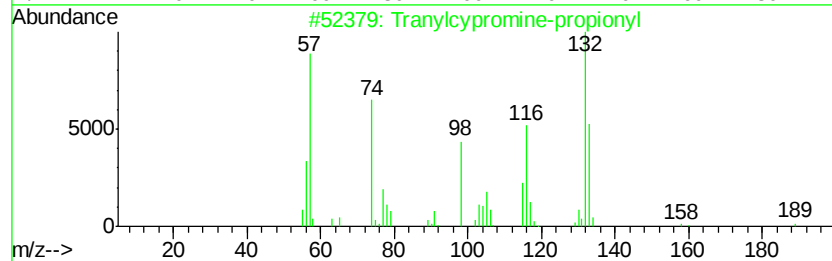
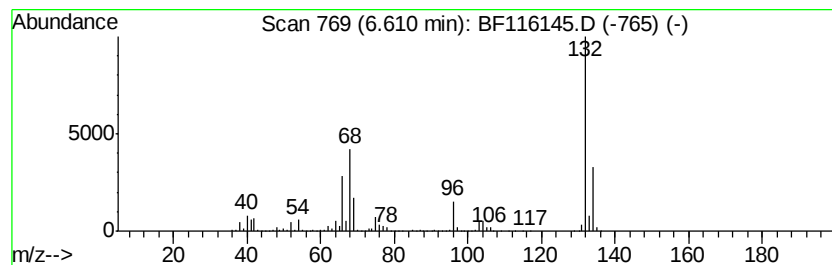
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	66.02 ng	3425210	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranvlcyppromine-propionyl	189	C12H15NO	1000123-86-3	10
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		Xenon	132	Xe	007440-63-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

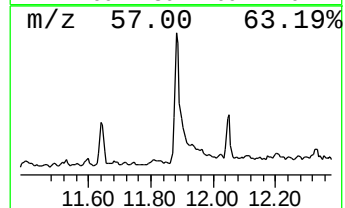
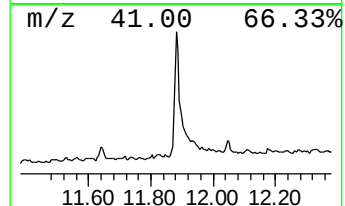
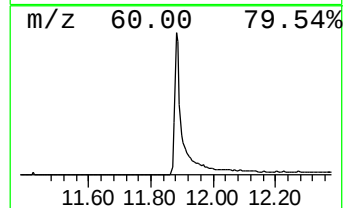
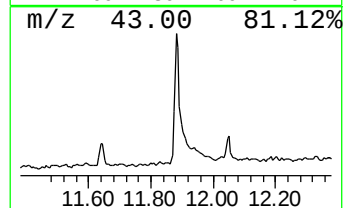
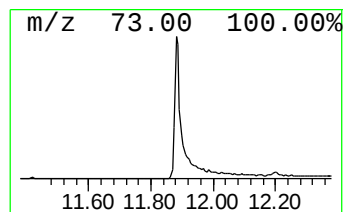
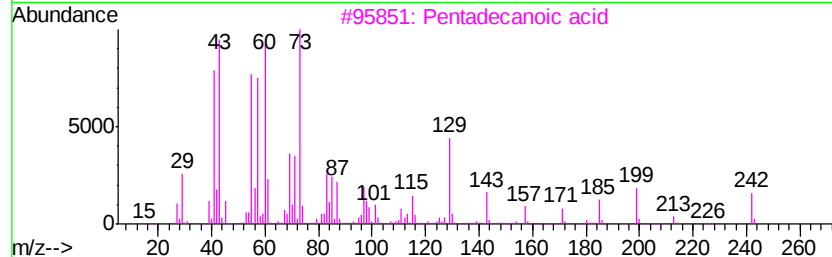
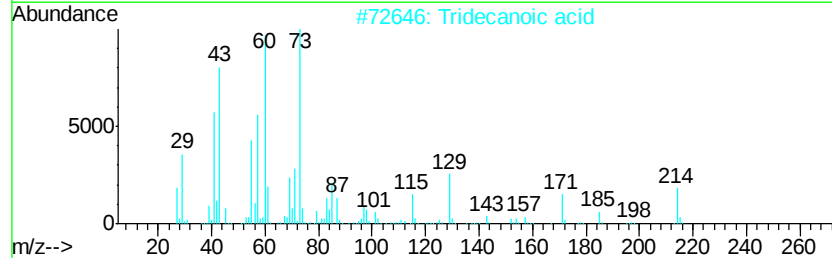
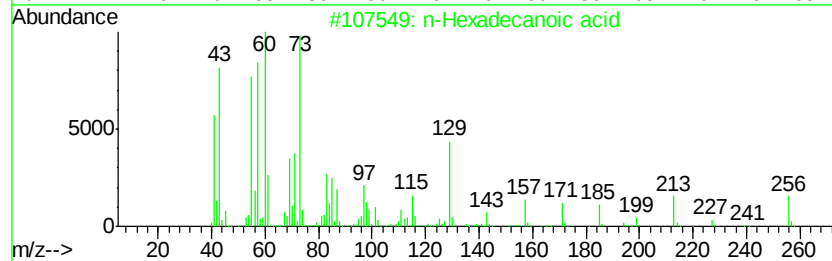
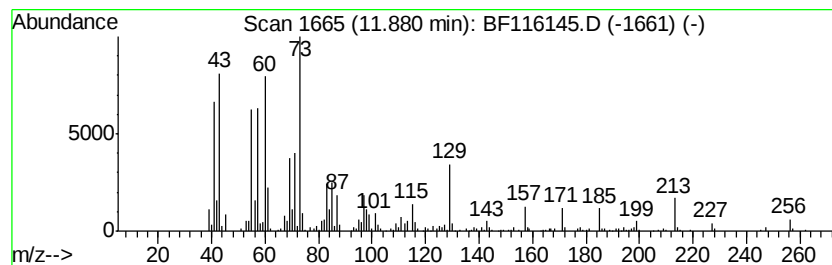
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	7.48 ng	574681	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5		Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

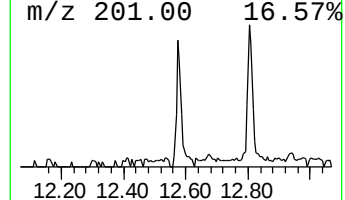
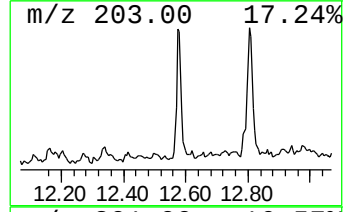
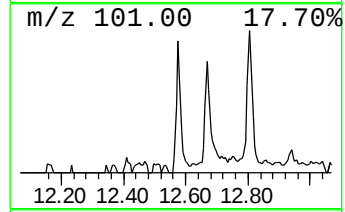
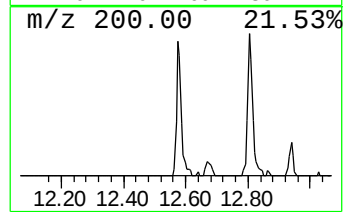
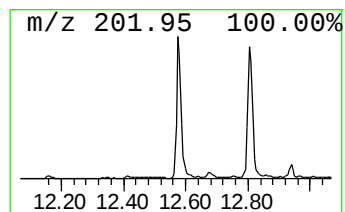
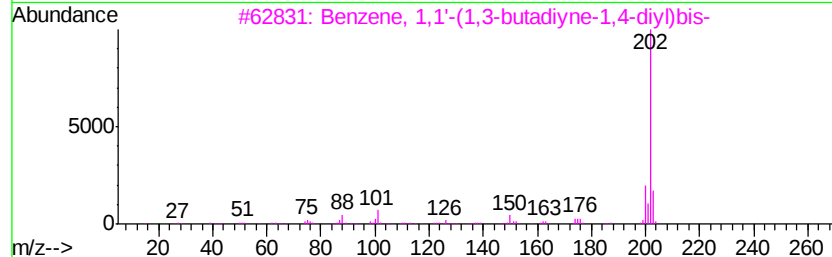
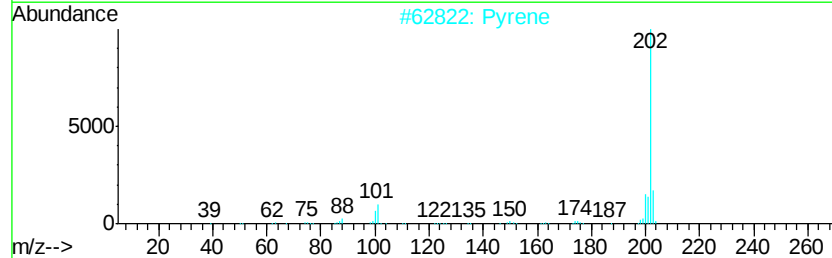
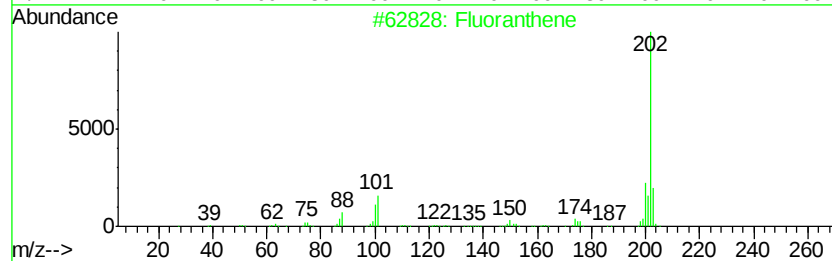
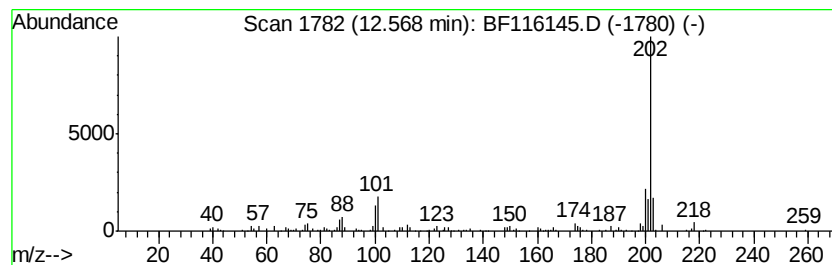
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.57	2.43 ng	186307	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluoranthene	202	C16H10	000206-44-0	98
2		Pyrene	202	C16H10	000129-00-0	91
3		Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
4		7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	002009-24-7	47
5		l-Leucine, N-methyl-N-(2-methoxy...	499	C29H57NO5	1000328-55-2	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

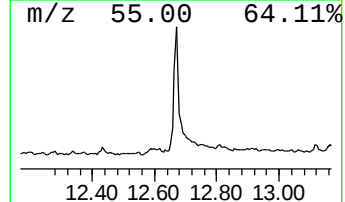
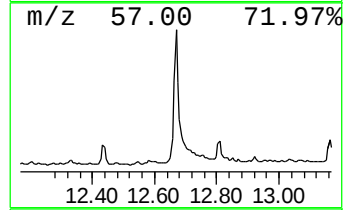
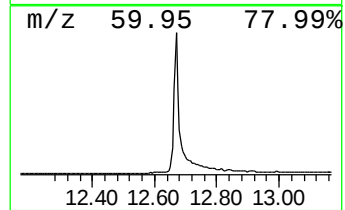
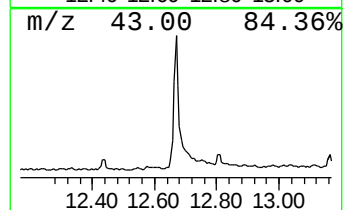
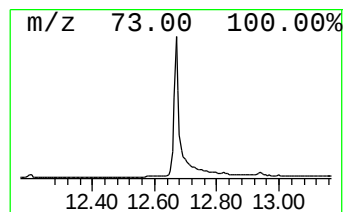
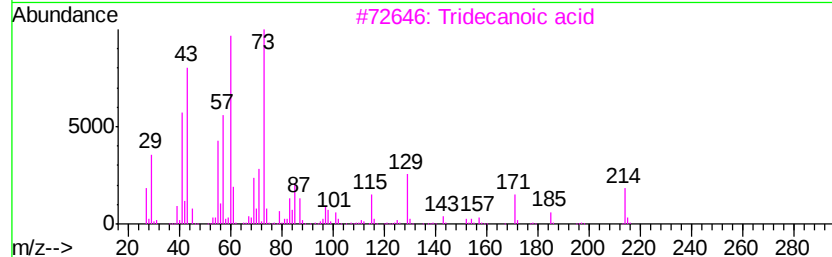
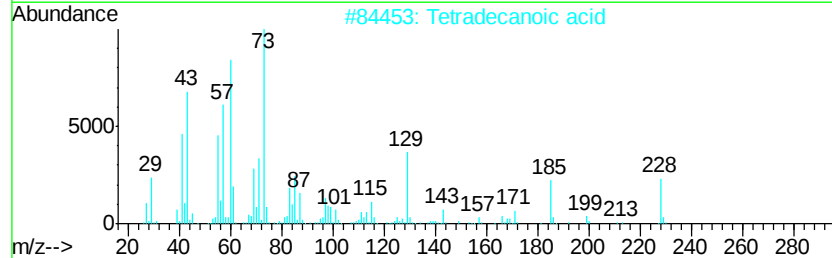
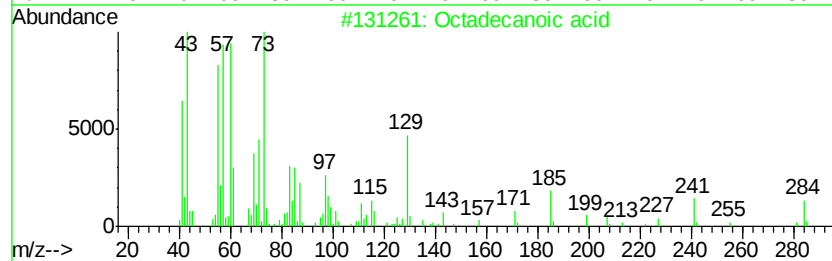
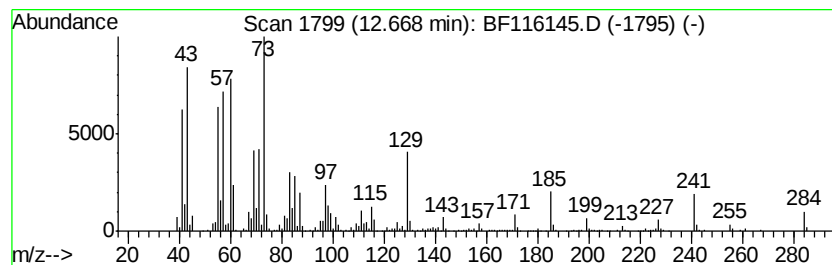
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	11.84 ng	909302	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

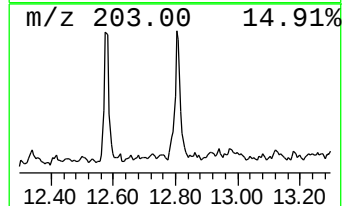
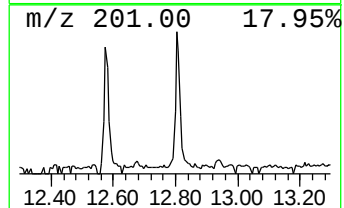
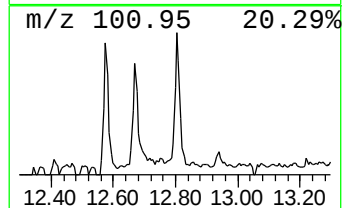
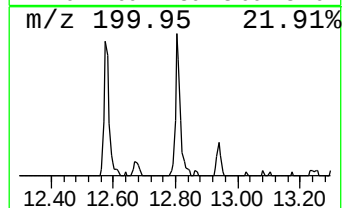
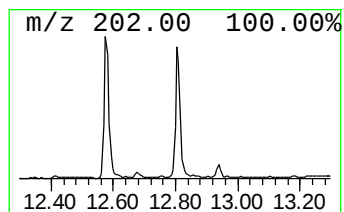
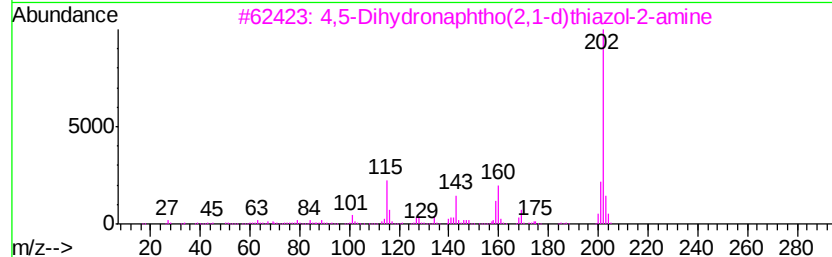
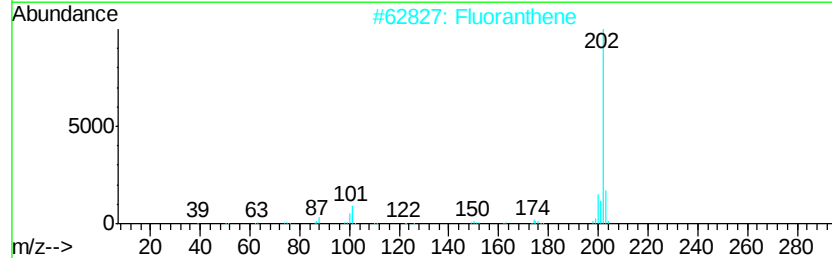
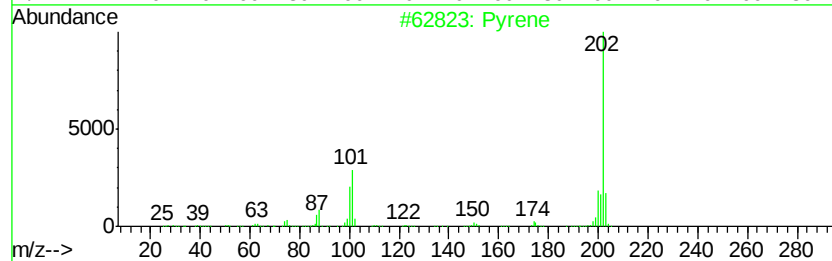
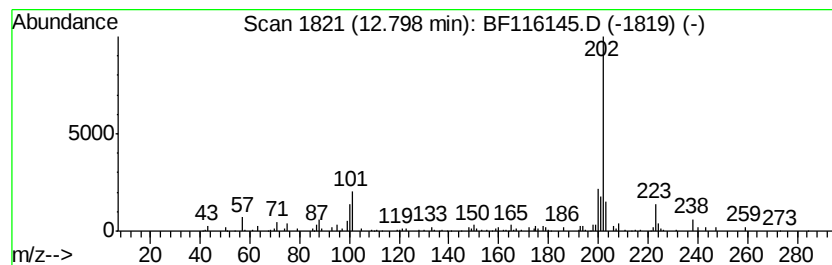
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4,5-Dihydronaphtho(2,1-d)th... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.80	3.75 ng	186934	Chrysene-d12	14.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene	202	C16H10	000129-00-0	90
2		Fluoranthene	202	C16H10	000206-44-0	76
3		4,5-Dihydronaphtho(2,1-d)thiazol...	202	C11H10N2S	034176-49-3	58
4		1-Methyl-7,11-dithiaspiro[5.5] u...	202	C10H18S2	107678-22-8	45
5		2,3-Dichlorobenzo[b]thiophene	202	C8H4Cl2S	1000298-87-9	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

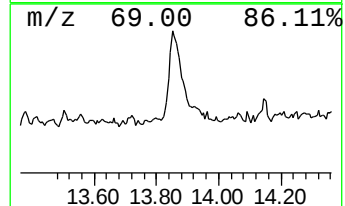
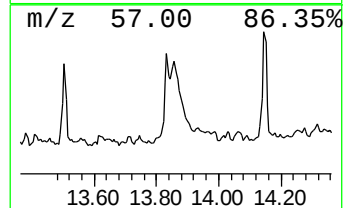
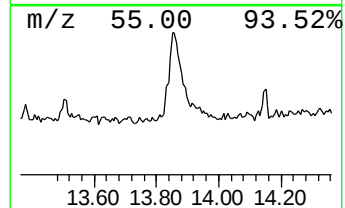
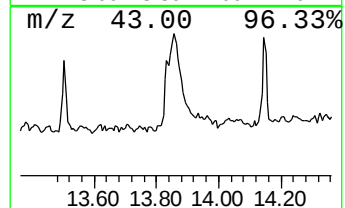
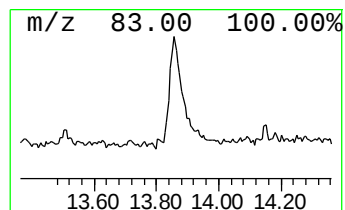
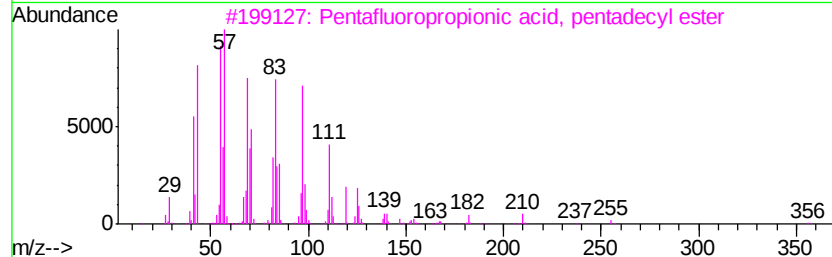
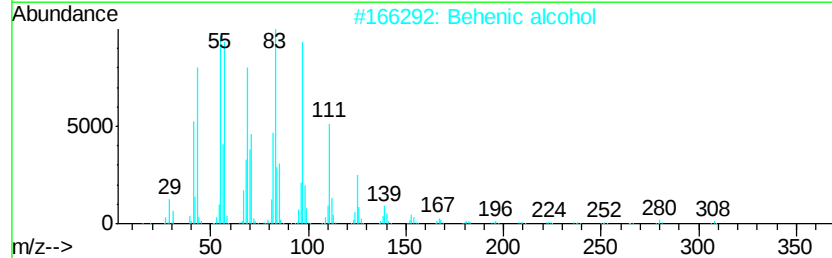
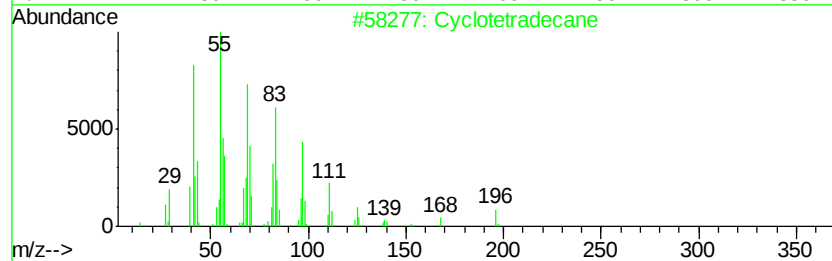
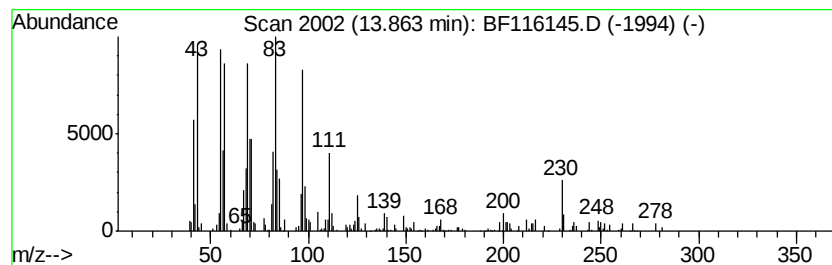
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.86	6.80 ng	338605	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvcclotetradecane	196	C14H28	000295-17-0	98
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

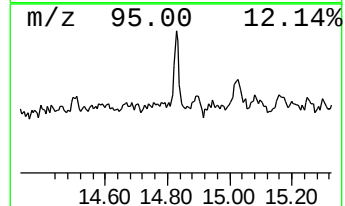
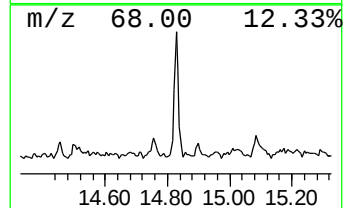
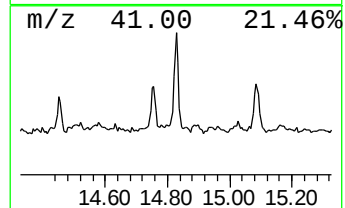
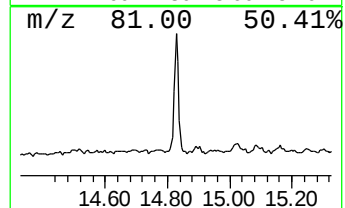
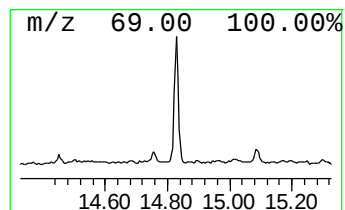
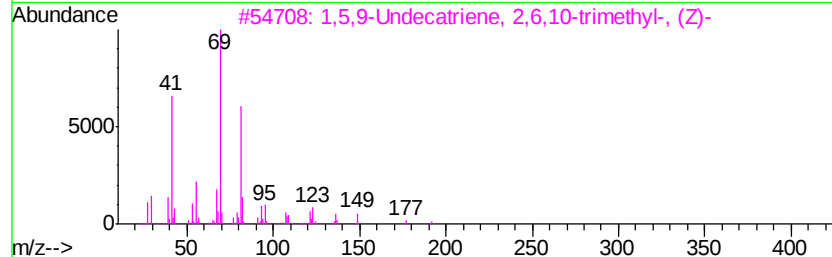
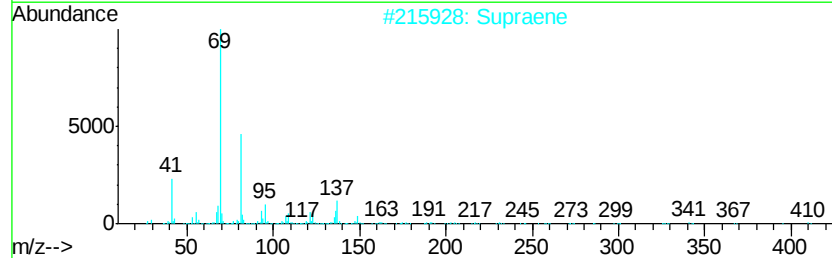
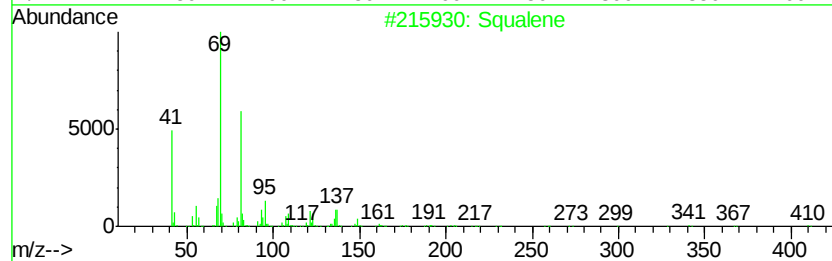
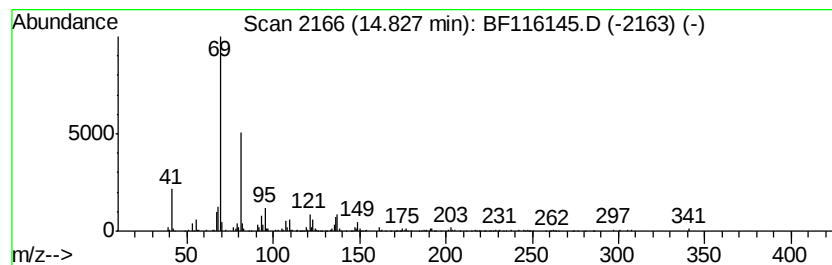
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.94 ng	169591	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	90
4		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H360	056882-09-8	83
5		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

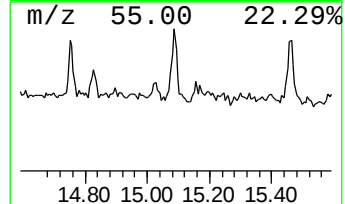
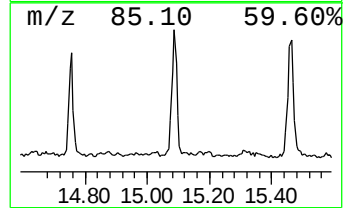
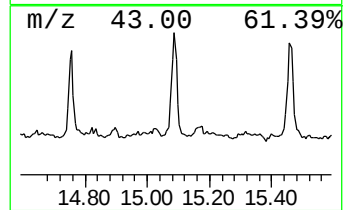
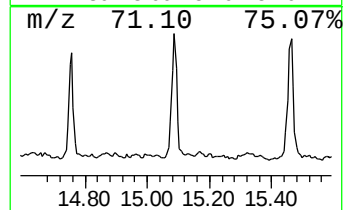
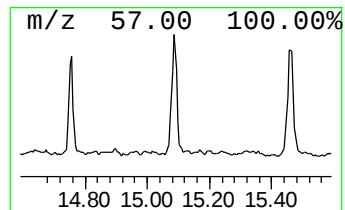
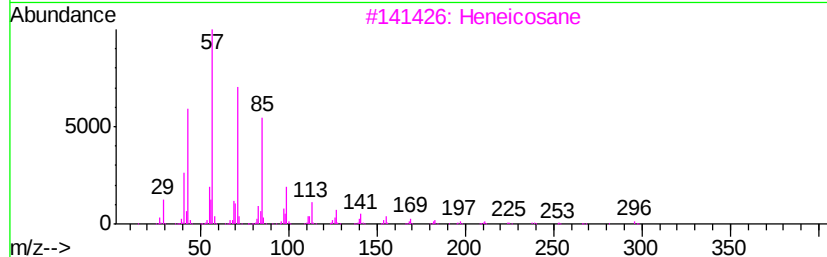
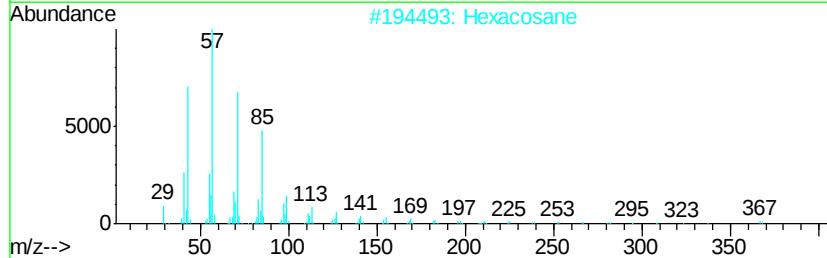
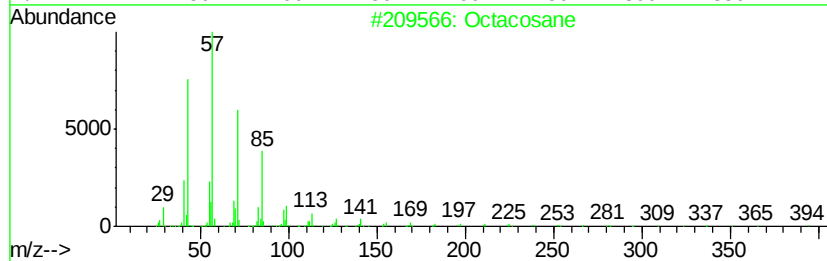
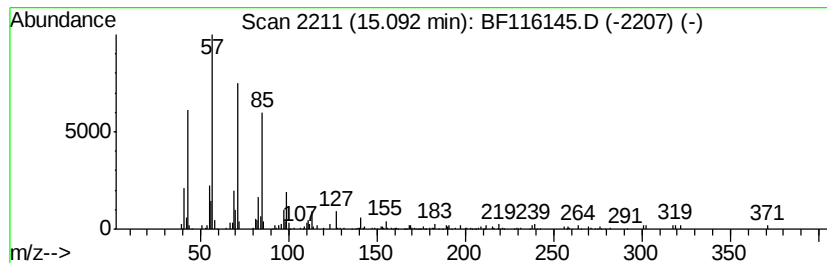
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.77 ng	217242	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Hexacosane	366	C26H54	000630-01-3	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Docosane	310	C22H46	000629-97-0	86
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

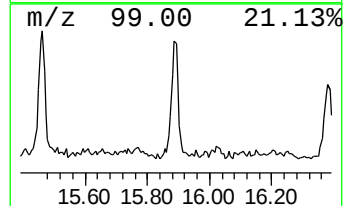
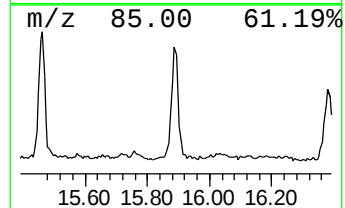
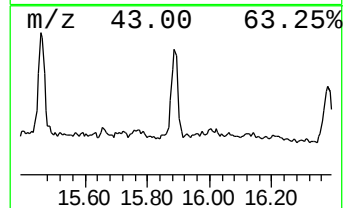
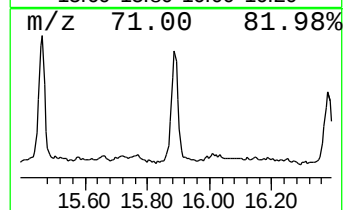
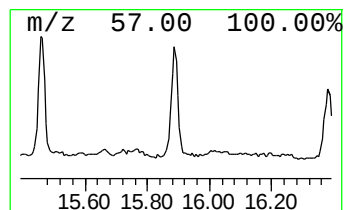
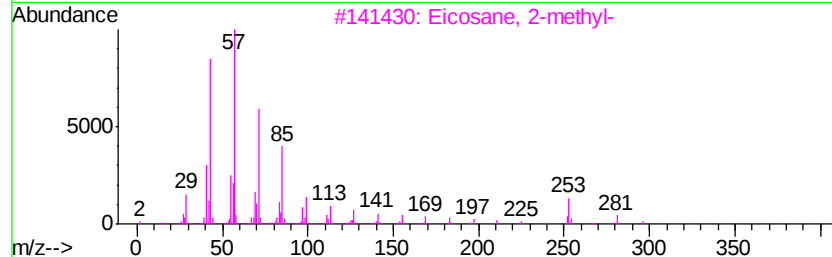
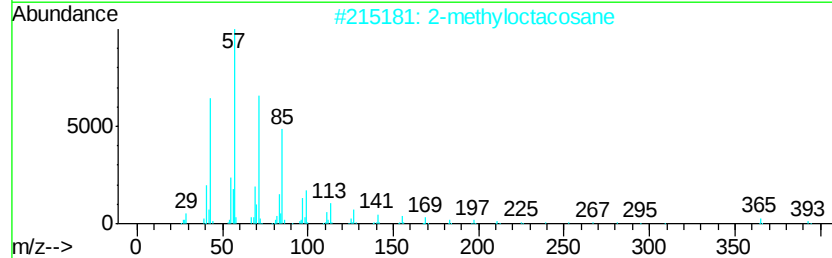
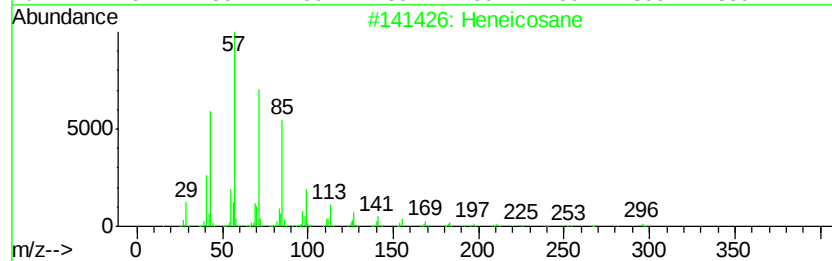
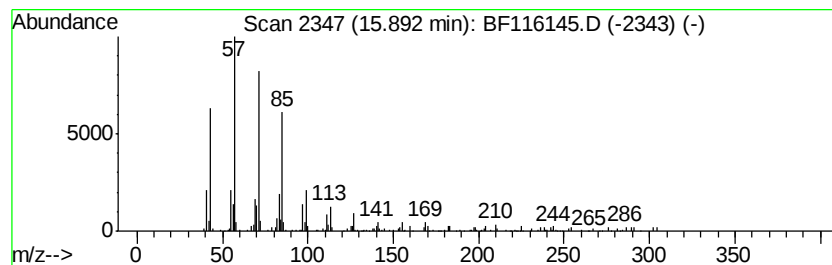
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.87 ng	165455	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

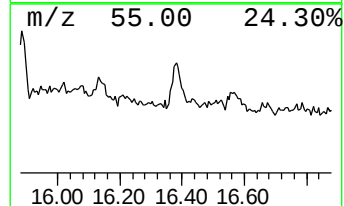
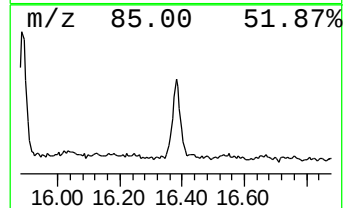
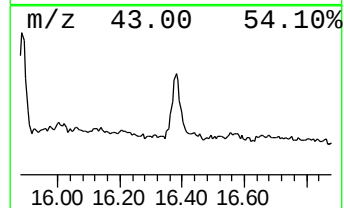
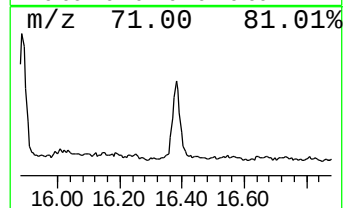
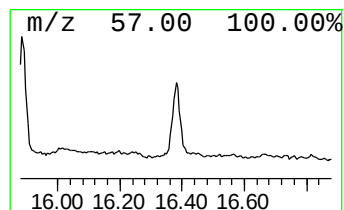
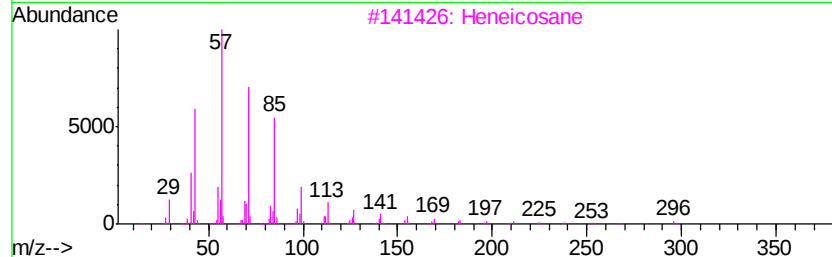
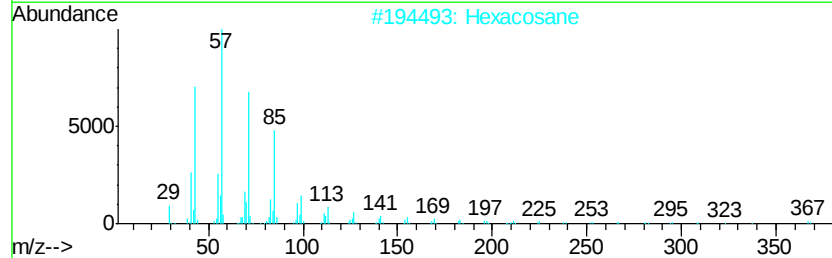
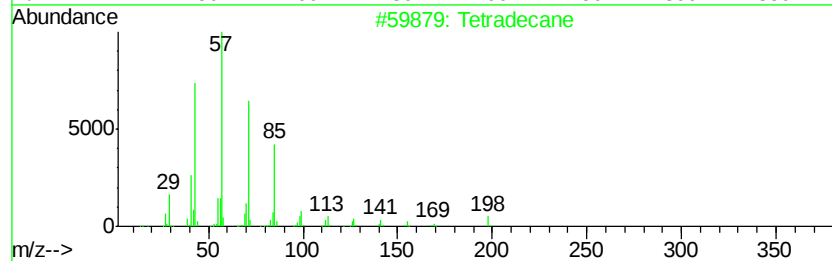
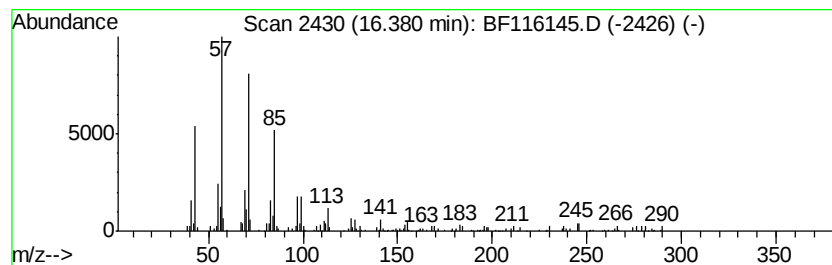
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	2.41 ng	139048	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Hexacosane	366	C26H54	000630-01-3	90
3			Heneicosane	296	C21H44	000629-94-7	87
4			Tetratetracontane	619	C44H90	007098-22-8	87
5			Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081019\
Data File : BF116145.D
Acq On : 10 Aug 2019 12:42
Operator : HP/JU
Sample : K4152-36
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
Butane, 2-methoxy...	2.15	41.2	ng	2135460	1	6.84	1037570	20.0
unknown6.61	6.61	66.0	ng	3425210	1	6.84	1037570	20.0
n-Hexadecanoic acid	11.88	7.5	ng	574681	4	11.36	1536290	20.0
Benzene, 1,1'-(1,...	12.57	2.4	ng	186307	4	11.36	1536290	20.0
Octadecanoic acid	12.67	11.8	ng	909302	4	11.36	1536290	20.0
4,5-Dihydronaphth...	12.80	3.8	ng	186934	5	14.00	995739	20.0
Cyclotetradecane	13.86	6.8	ng	338605	5	14.00	995739	20.0
Squalene	14.83	2.9	ng	169591	6	15.47	1152340	20.0
Octacosane	15.09	3.8	ng	217242	6	15.47	1152340	20.0
Heneicosane	15.89	2.9	ng	165455	6	15.47	1152340	20.0
Tetradecane	16.38	2.4	ng	139048	6	15.47	1152340	20.0