

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112245.D
 Acq On : 25 Jan 2019 21:22
 Operator : JU/SJ
 Sample : K1238-31
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4

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_F\METHODS\8270-BF012519.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	2.169	7	14	21	rVB	144137	192463	3.58%	0.393%
2	5.081	505	509	522	rVB	212667	335202	6.23%	0.685%
3	5.486	573	578	581	rBV	4631822	4749203	88.28%	9.707%
4	6.492	743	749	752	rBV	4547494	5049981	93.87%	10.321%
5	6.622	766	771	774	rBV	5488467	5324719	98.98%	10.883%
6	6.839	805	808	817	rBV	1224396	1046896	19.46%	2.140%
7	6.998	831	835	839	rBV	4287161	3924251	72.94%	8.021%
8	7.404	898	904	907	rBV	3098421	3290517	61.16%	6.725%
9	8.122	1021	1026	1043	rBV	1493350	1393719	25.91%	2.849%
10	9.198	1203	1209	1212	rBV	5902469	5379822	100.00%	10.995%
11	9.586	1270	1275	1280	rBV	502506	414791	7.71%	0.848%
12	9.874	1319	1324	1329	rBV	1608112	1574865	29.27%	3.219%
13	10.668	1454	1459	1472	rBV	3860193	3864644	71.84%	7.899%
14	11.363	1573	1577	1588	rBV	1782606	1574837	29.27%	3.219%
15	11.886	1663	1666	1674	rBV2	243988	259601	4.83%	0.531%
16	12.574	1780	1783	1786	rBV	65849	57073	1.06%	0.117%
17	12.827	1819	1826	1841	rBV2	354173	640738	11.91%	1.310%
18	12.945	1841	1846	1849	rBV	4970230	4447878	82.68%	9.091%
19	13.509	1936	1942	1945	rBV2	57535	60180	1.12%	0.123%
20	13.833	1993	1997	2009	rBV	382242	531115	9.87%	1.086%
21	13.998	2022	2025	2029	rBV	1048385	1012735	18.82%	2.070%
22	14.151	2048	2051	2055	rBV	186724	174593	3.25%	0.357%
23	14.456	2099	2103	2110	rBV	350904	325908	6.06%	0.666%
24	14.762	2150	2155	2159	rBV	387446	391811	7.28%	0.801%
25	15.092	2207	2211	2217	rVB	386376	442854	8.23%	0.905%
26	15.468	2269	2275	2282	rBV2	1124076	1491460	27.72%	3.048%
27	15.898	2343	2348	2356	rVB	307789	462110	8.59%	0.944%
28	16.398	2428	2433	2445	rVB	191621	341772	6.35%	0.699%
29	16.986	2527	2533	2543	rVB2	81188	171808	3.19%	0.351%

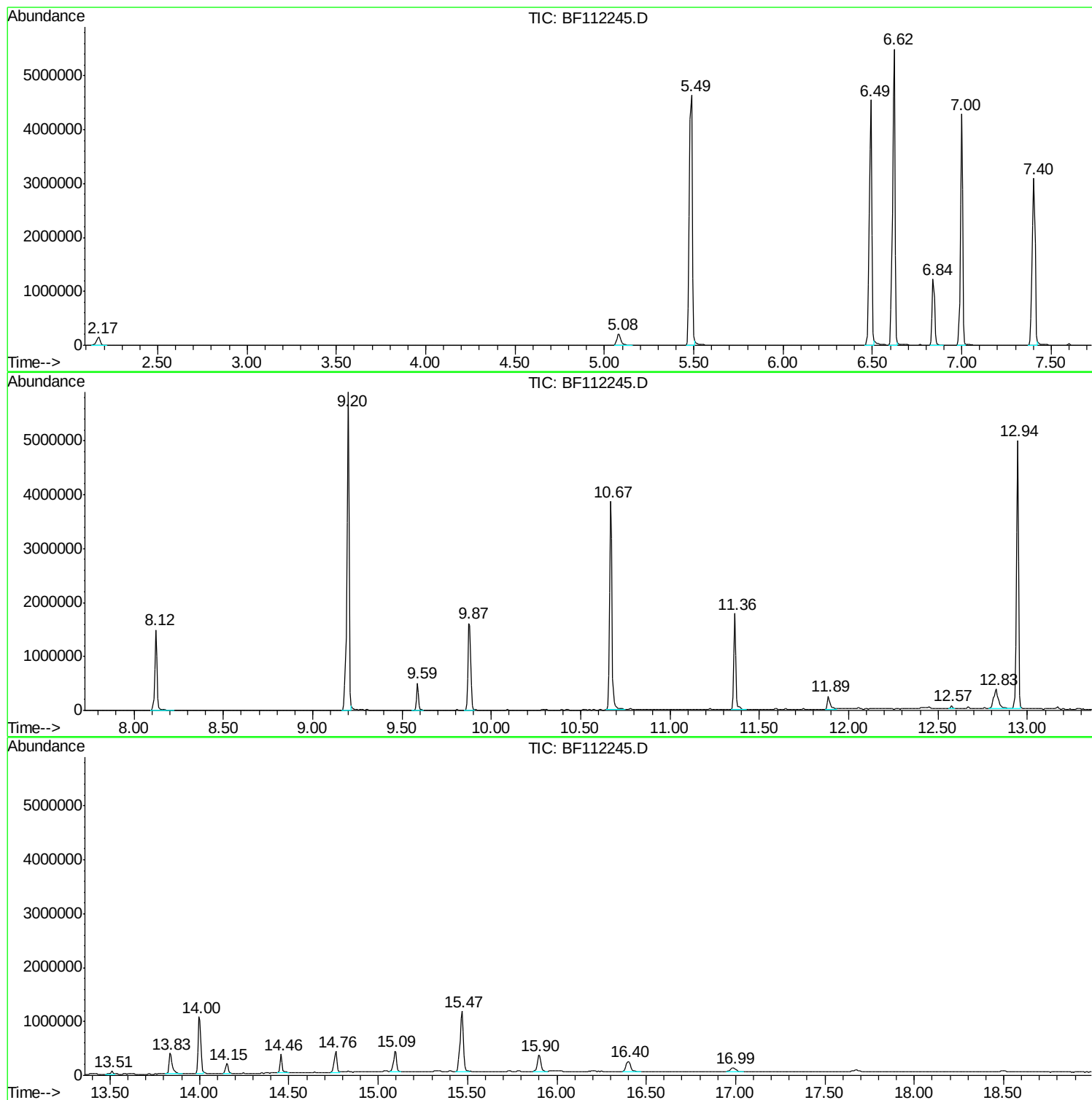
Sum of corrected areas: 48927546

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112245.D
Acq On : 25 Jan 2019 21:22
Operator : JU/SJ
Sample : K1238-31
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF012519\
Data File : BF112245.D
Acq On : 25 Jan 2019 21:22
Operator : JU/SJ
Sample : K1238-31
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4

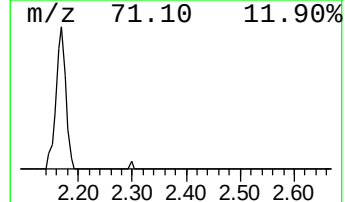
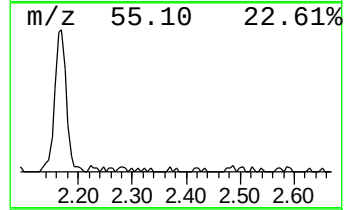
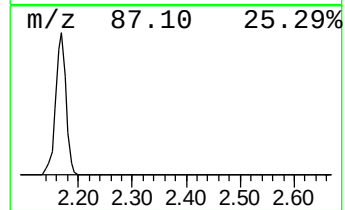
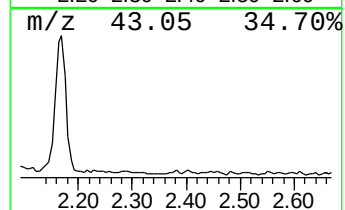
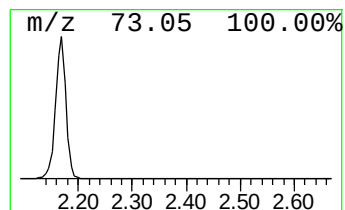
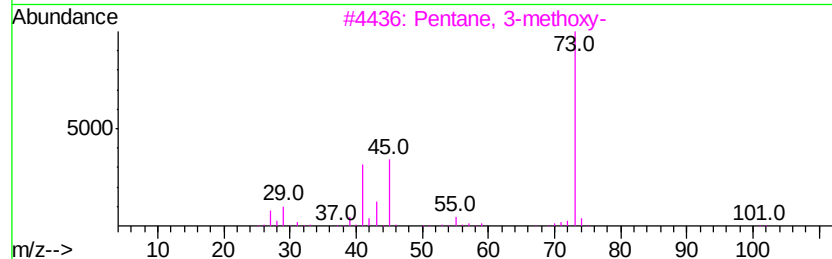
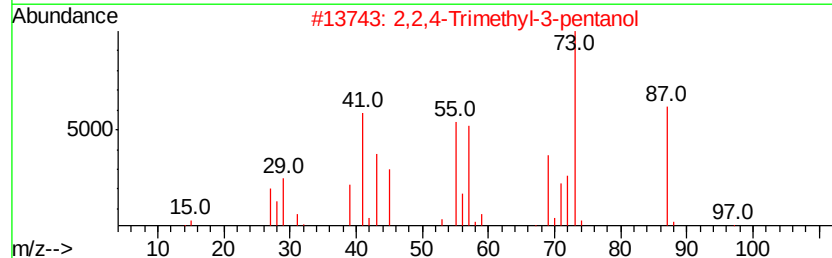
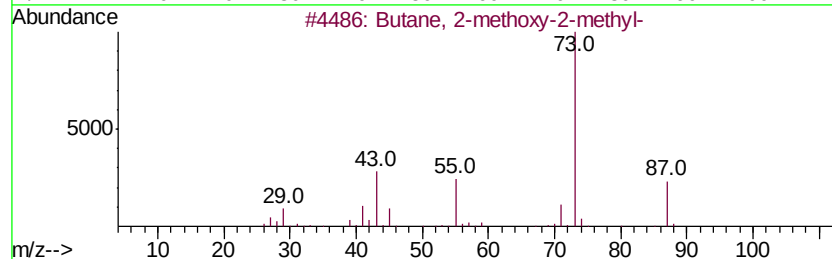
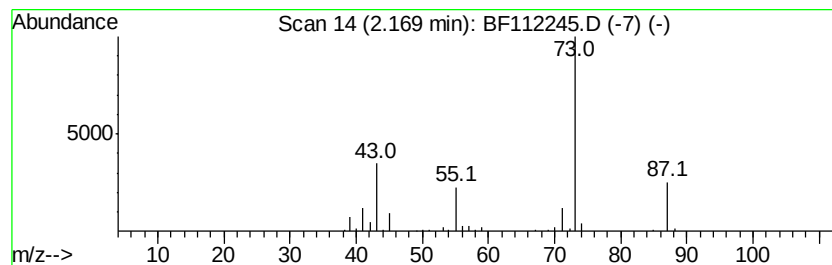
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	3.68 ng	192463	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112245.D
Acq On : 25 Jan 2019 21:22
Operator : JU/SJ
Sample : K1238-31
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4

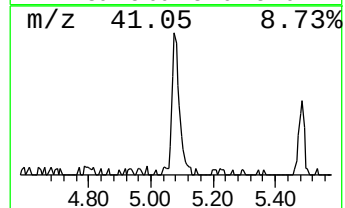
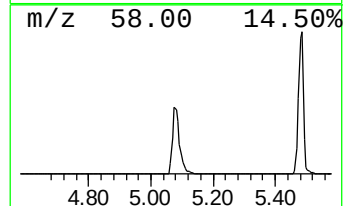
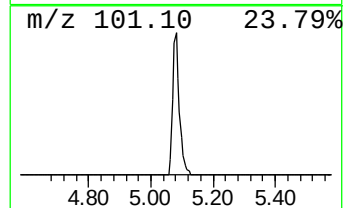
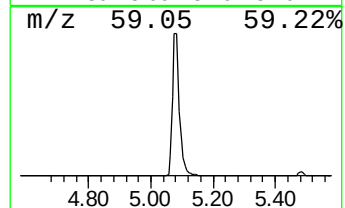
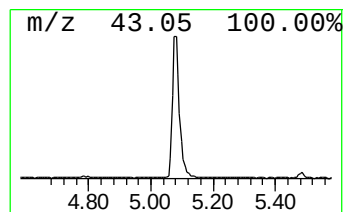
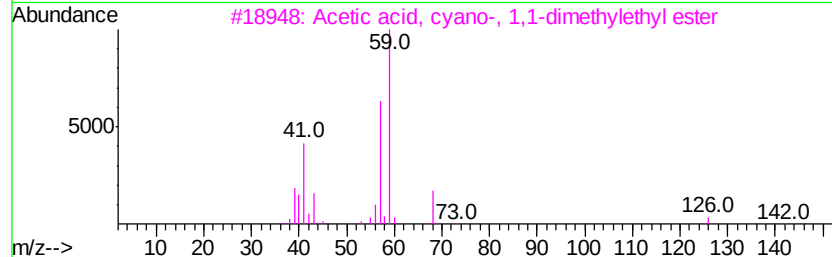
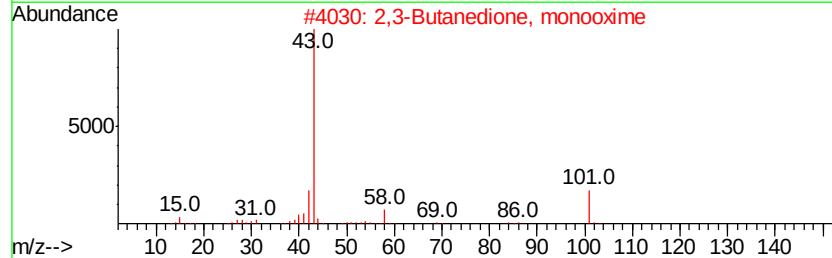
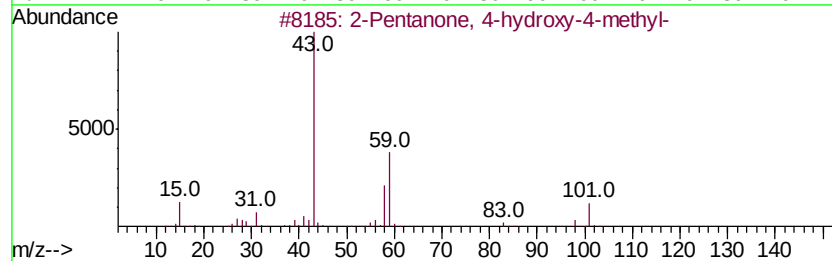
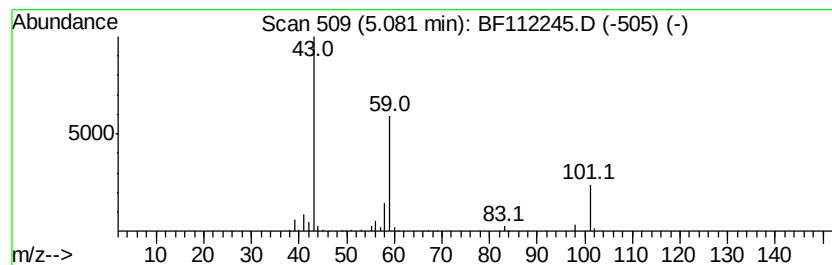
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	6.40 ng	335202	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112245.D
Acq On : 25 Jan 2019 21:22
Operator : JU/SJ
Sample : K1238-31
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4

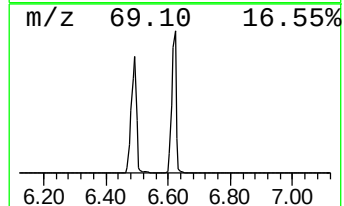
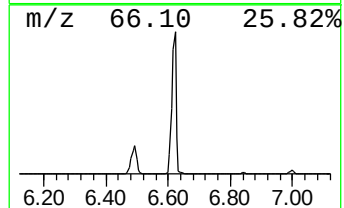
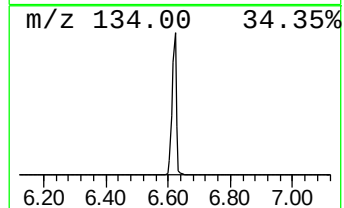
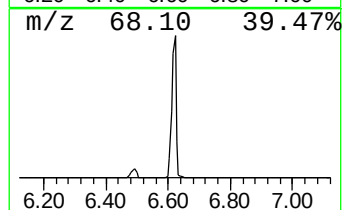
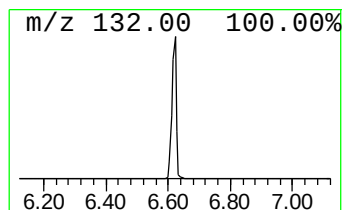
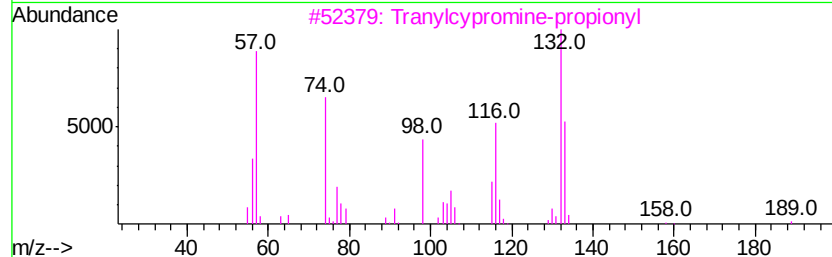
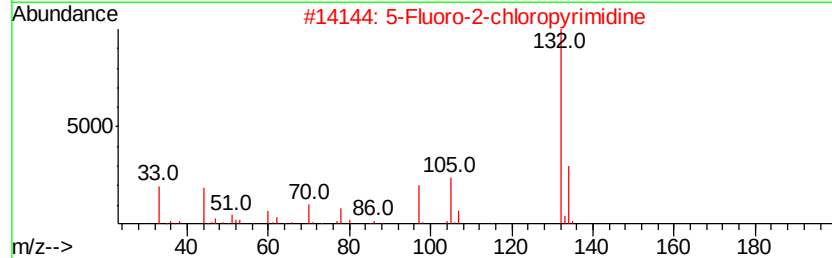
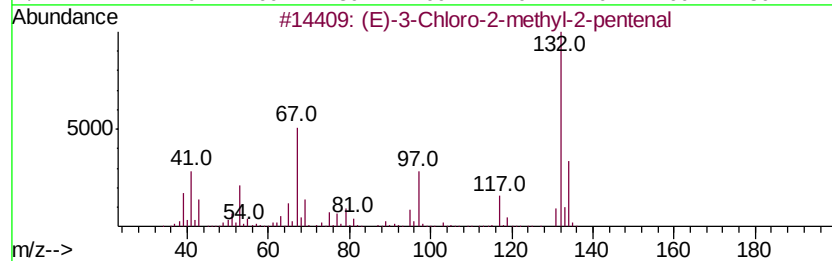
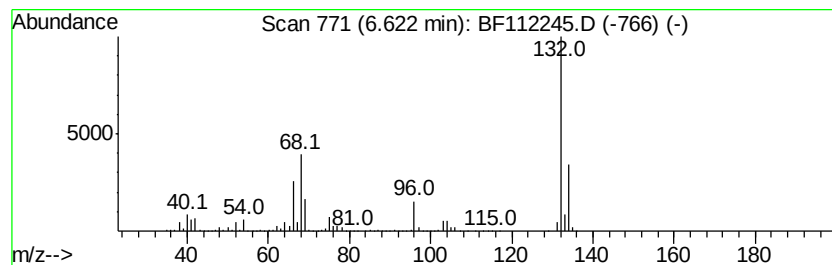
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	101.72 ng	5324720	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112245.D
Acq On : 25 Jan 2019 21:22
Operator : JU/SJ
Sample : K1238-31
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4

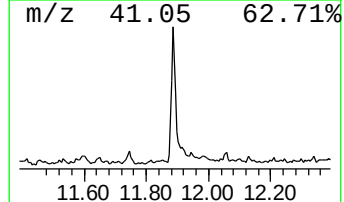
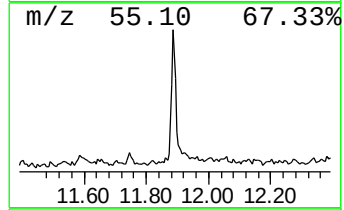
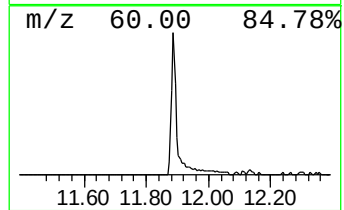
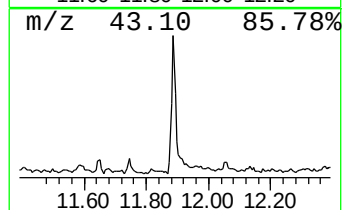
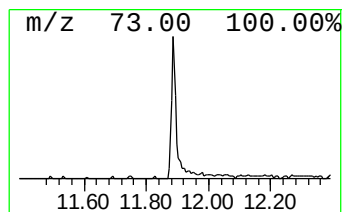
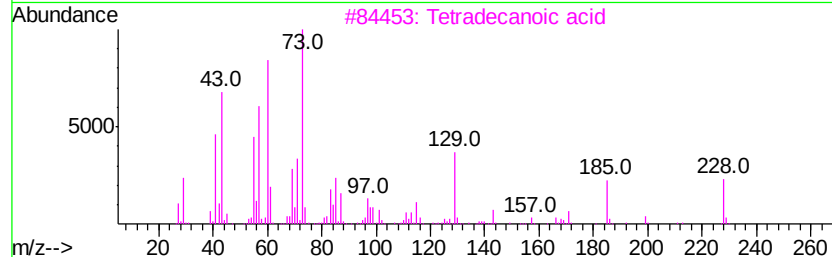
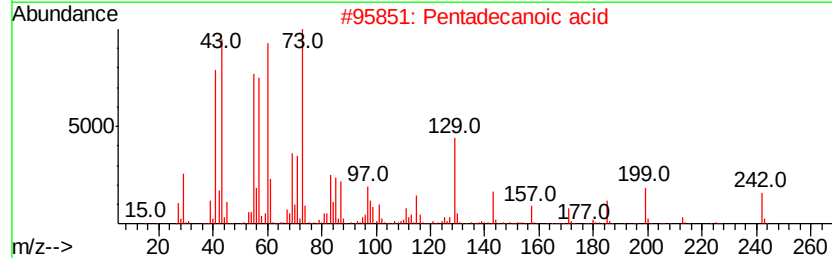
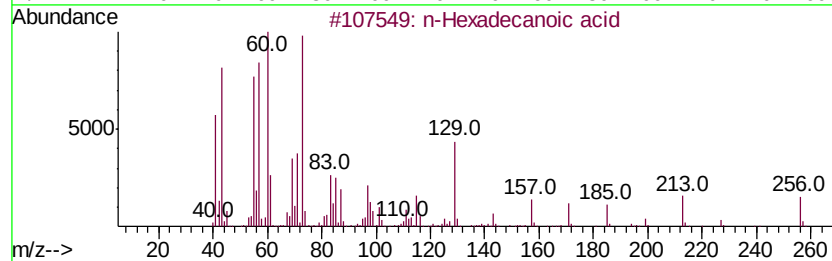
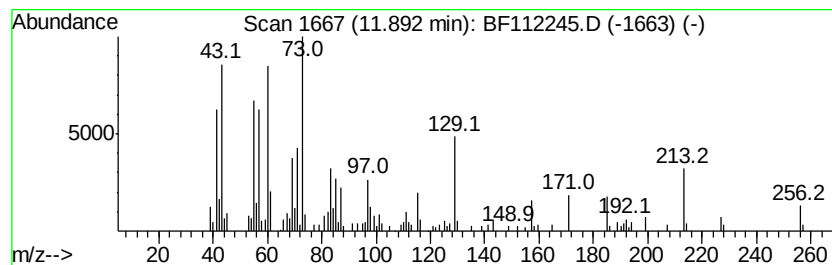
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.30 ng	259601	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		n-Decanoic acid	172	C10H20O2	000334-48-5	68
5		Tridecanoic acid	214	C13H26O2	000638-53-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112245.D
Acq On : 25 Jan 2019 21:22
Operator : JU/SJ
Sample : K1238-31
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4

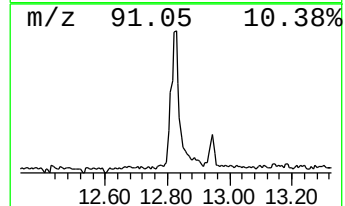
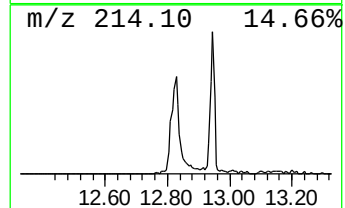
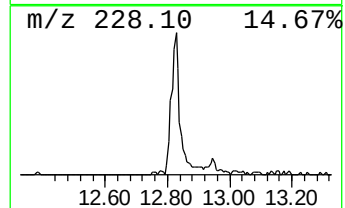
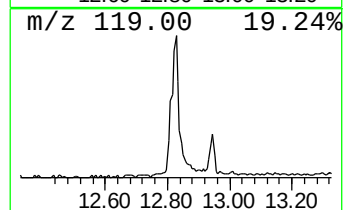
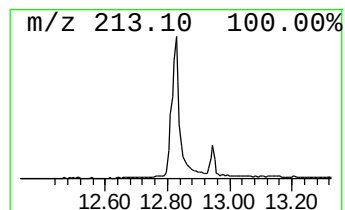
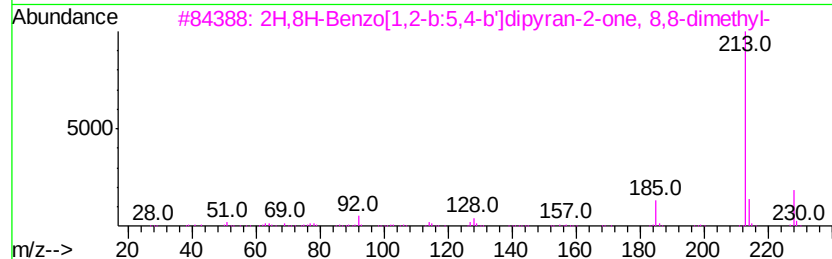
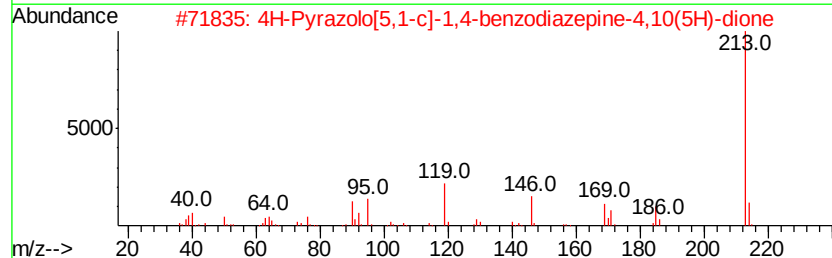
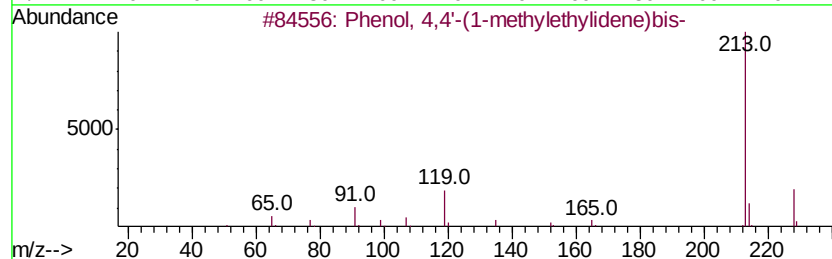
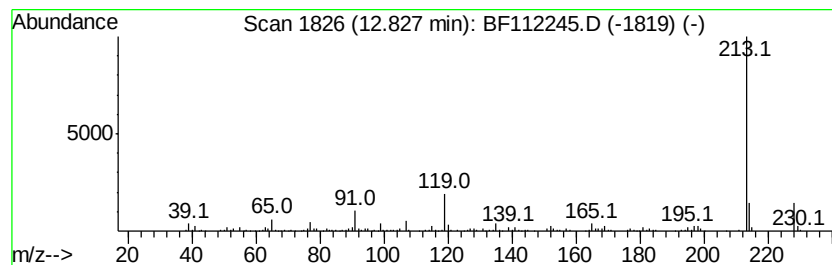
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	12.65 ng	640738	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2		4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	53
3		2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	52
4		2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	50
5		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112245.D
Acq On : 25 Jan 2019 21:22
Operator : JU/SJ
Sample : K1238-31
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
S4

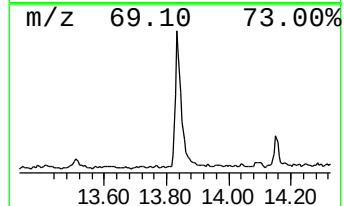
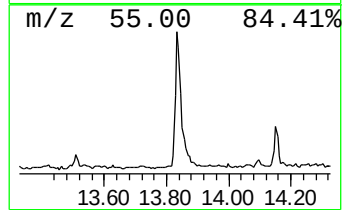
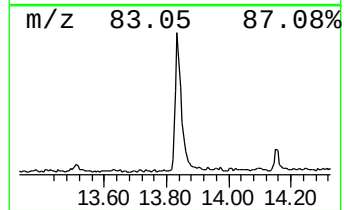
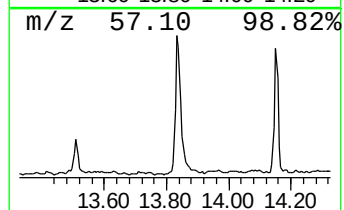
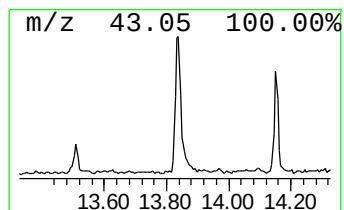
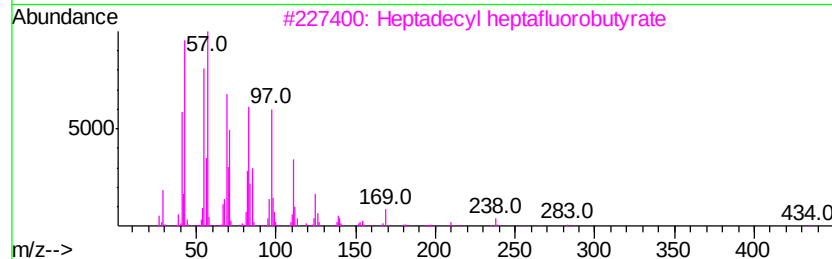
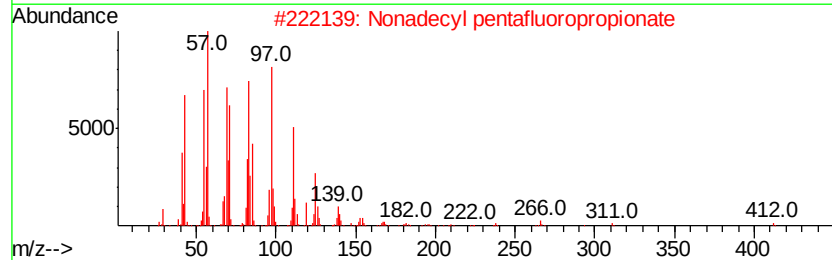
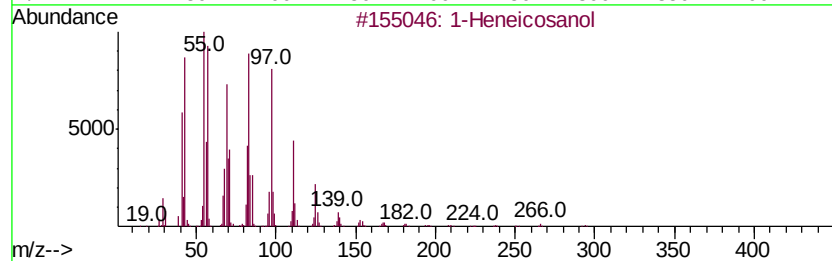
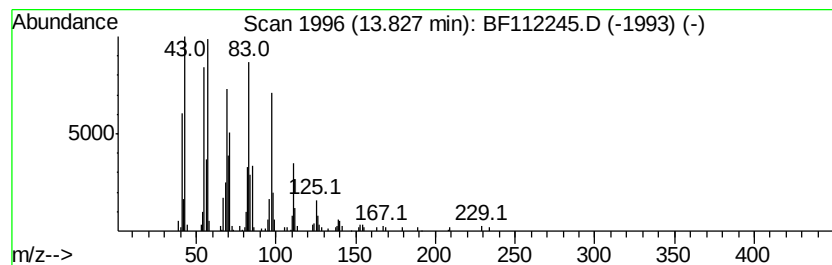
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	10.49 ng	531115	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	93
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112245.D
Acq On : 25 Jan 2019 21:22
Operator : JU/SJ
Sample : K1238-31
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4

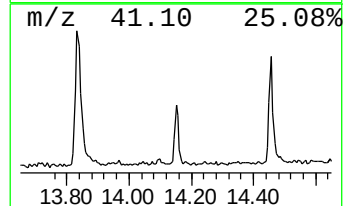
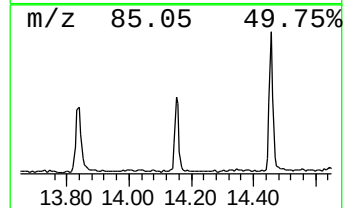
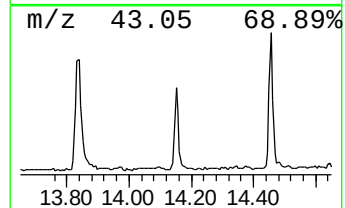
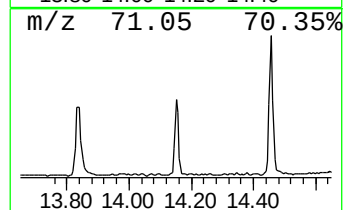
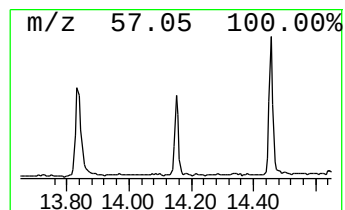
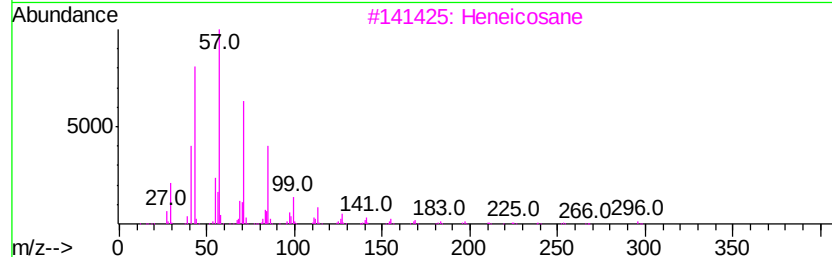
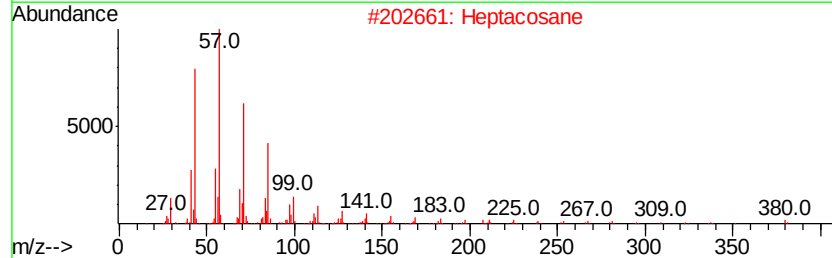
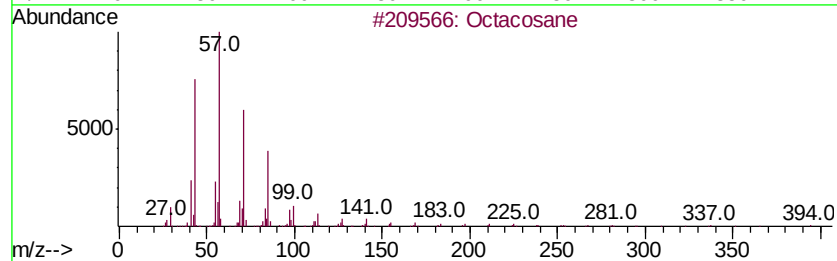
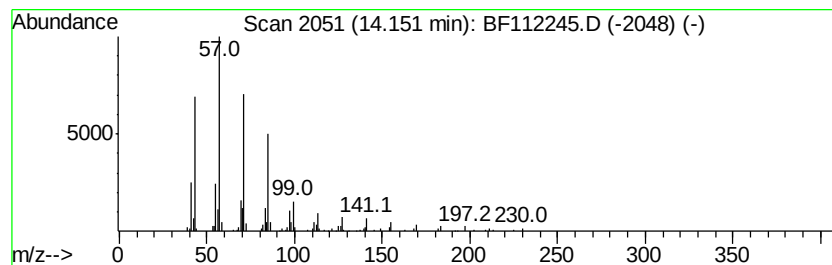
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	3.45 ng	174593	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		triacontane	422	C30H62	000638-68-6	91
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112245.D
 Acq On : 25 Jan 2019 21:22
 Operator : JU/SJ
 Sample : K1238-31
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

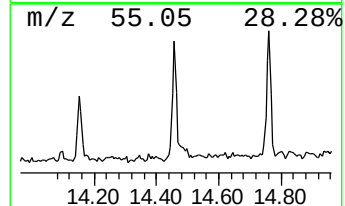
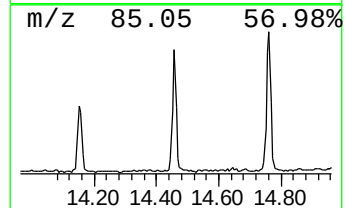
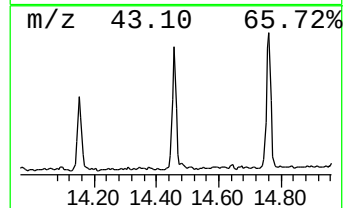
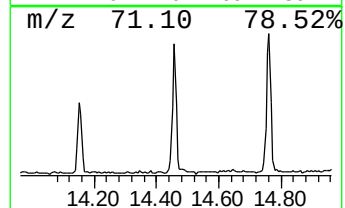
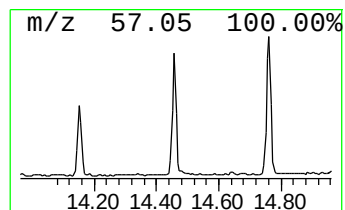
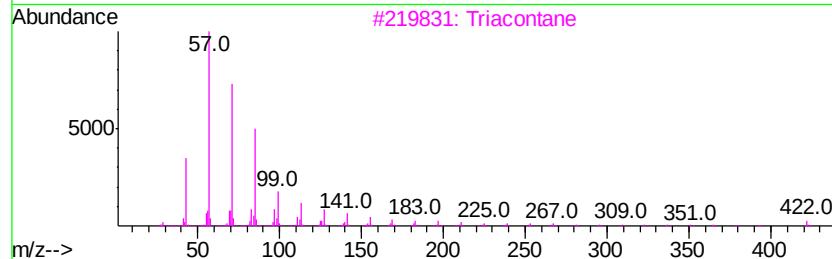
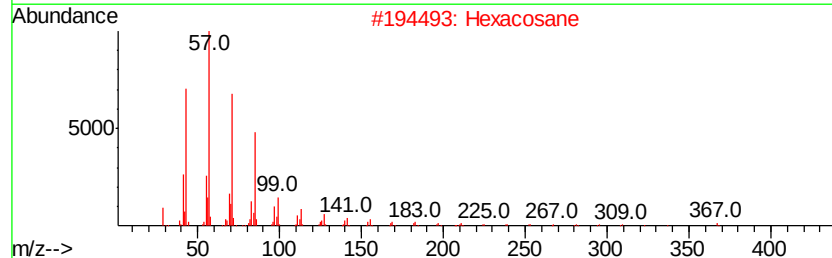
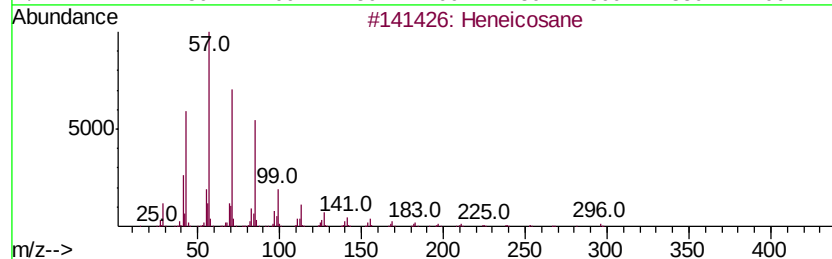
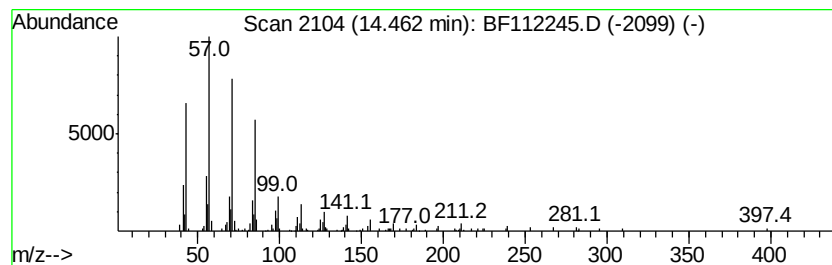
Instrument :
 BNA_F
 ClientSampleId :
 S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.46	6.44 ng	325908	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	triacontane	422	C30H62	000638-68-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112245.D
Acq On : 25 Jan 2019 21:22
Operator : JU/SJ
Sample : K1238-31
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4

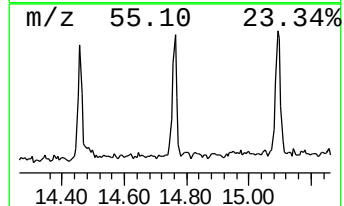
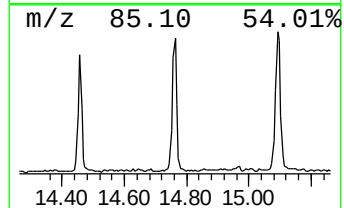
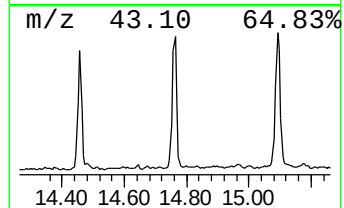
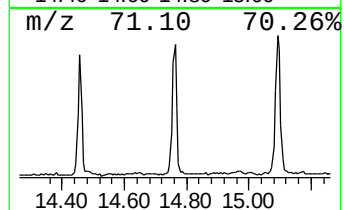
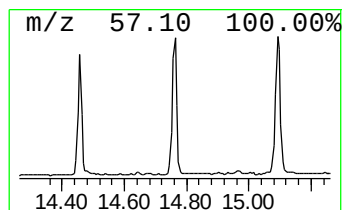
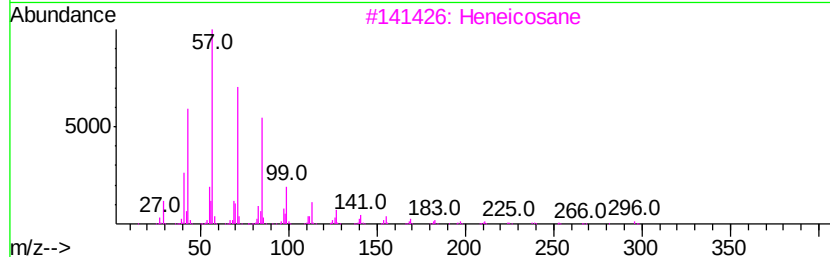
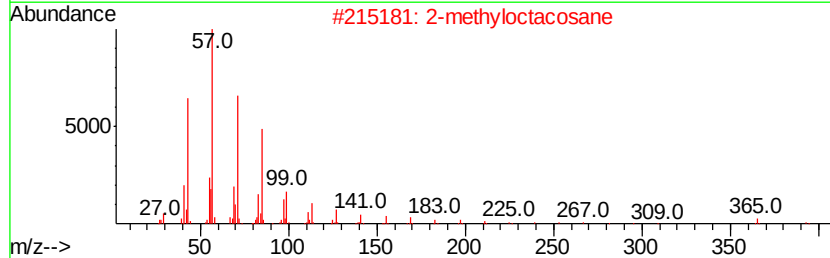
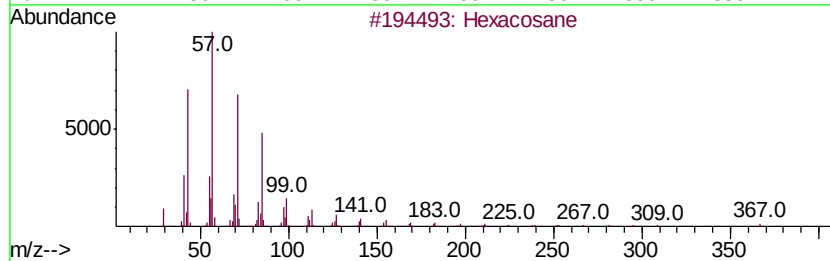
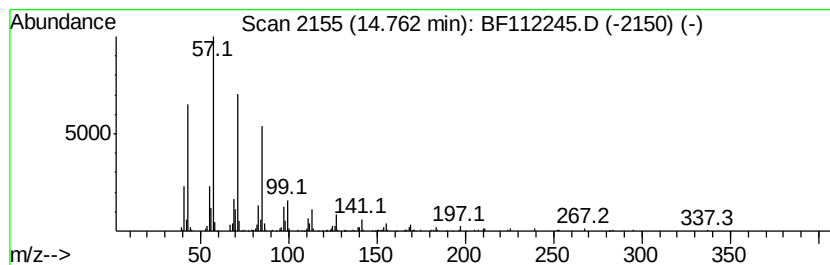
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	5.25 ng	391811	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112245.D
Acq On : 25 Jan 2019 21:22
Operator : JU/SJ
Sample : K1238-31
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4

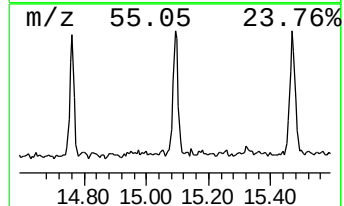
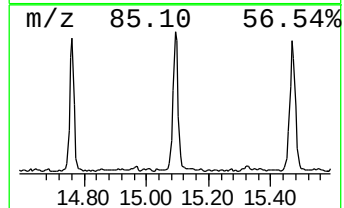
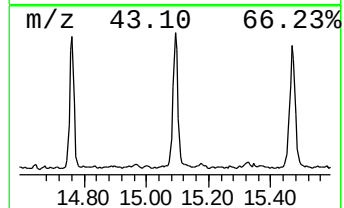
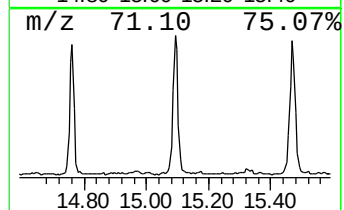
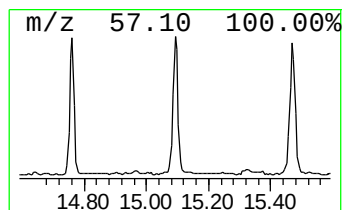
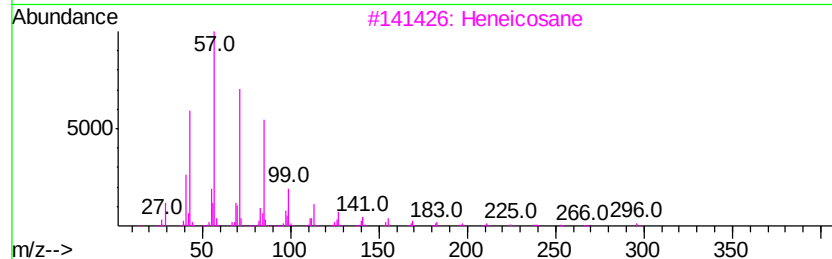
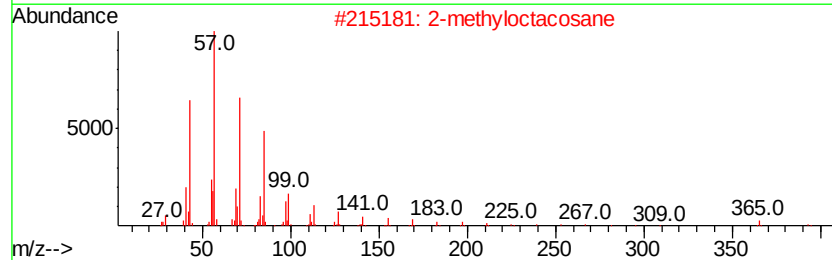
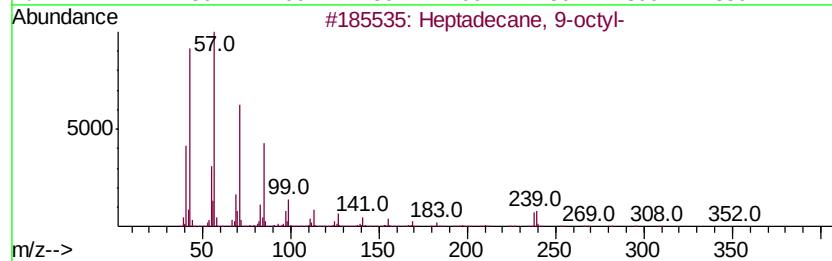
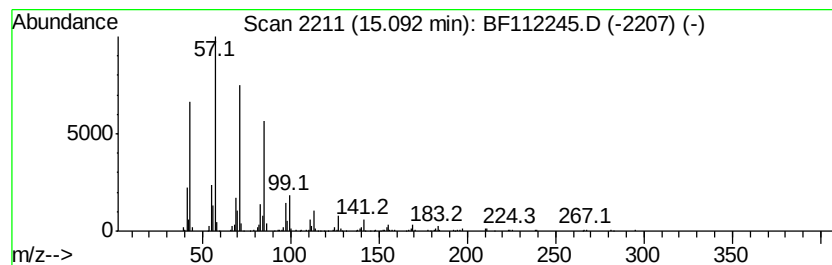
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	5.94 ng	442854	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112245.D
Acq On : 25 Jan 2019 21:22
Operator : JU/SJ
Sample : K1238-31
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4

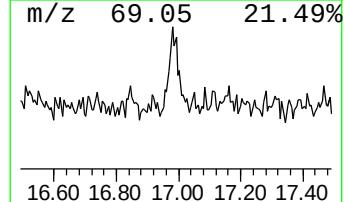
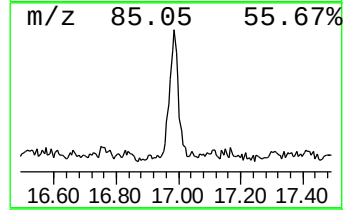
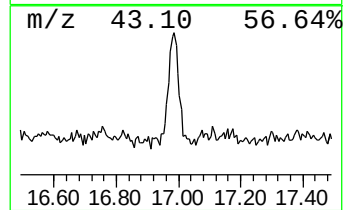
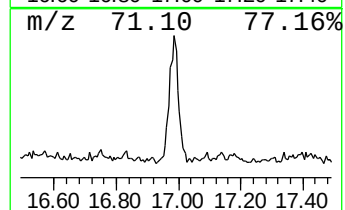
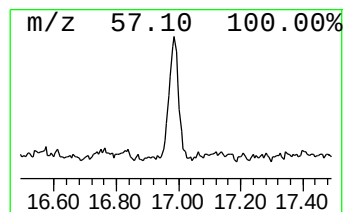
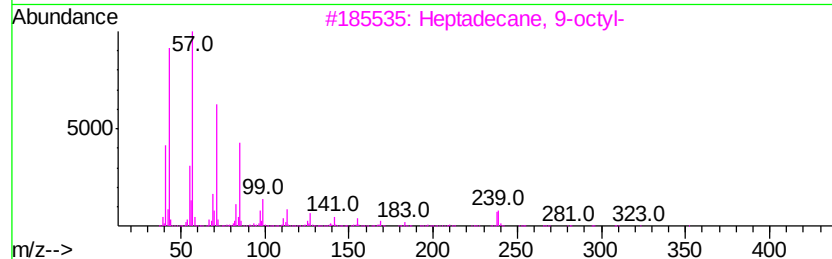
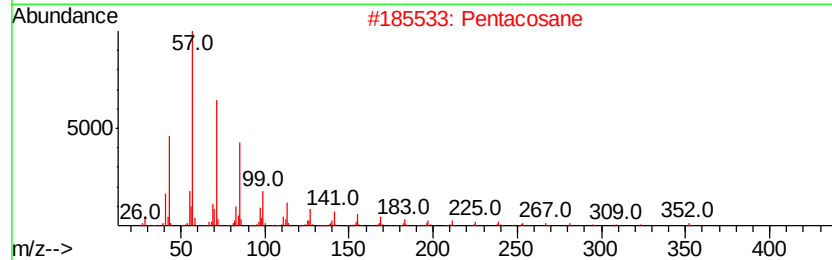
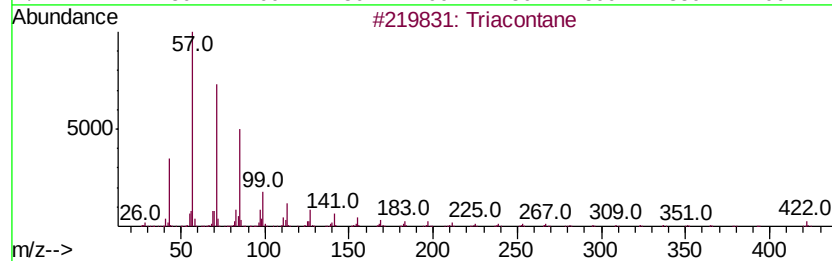
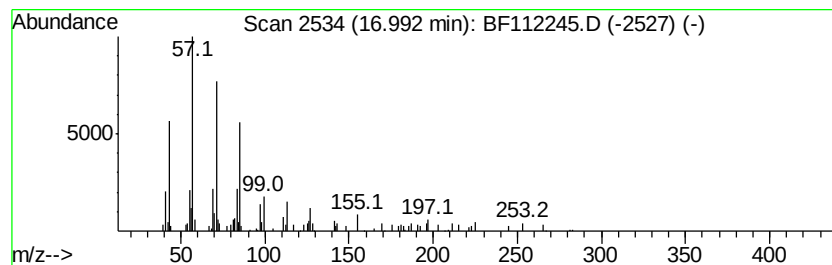
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Triacontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	2.30 ng	171808	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Pentacosane	352	C25H52	000629-99-2	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	90
5			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112245.D
Acq On : 25 Jan 2019 21:22
Operator : JU/SJ
Sample : K1238-31
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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...	2.17	3.7	ng	192463	1	6.84	1046900	20.0
2-Pentanone, 4-hy...	5.08	6.4	ng	335202	1	6.84	1046900	20.0
unknown6.62	6.62	101.7	ng	5324720	1	6.84	1046900	20.0
n-Hexadecanoic acid	11.89	3.3	ng	259601	4	11.36	1574840	20.0
Phenol, 4,4'-(1-m...	12.83	12.7	ng	640738	5	14.00	1012740	20.0
1-Heneicosanol	13.83	10.5	ng	531115	5	14.00	1012740	20.0
Octacosane	14.15	3.5	ng	174593	5	14.00	1012740	20.0
Heneicosane	14.46	6.4	ng	325908	5	14.00	1012740	20.0
Hexacosane	14.76	5.3	ng	391811	6	15.47	1491460	20.0
Heptadecane, 9-oc...	15.09	5.9	ng	442854	6	15.47	1491460	20.0
Triacontane	16.99	2.3	ng	171808	6	15.47	1491460	20.0