

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090319\
 Data File : BF116776.D
 Acq On : 3 Sep 2019 16:58
 Operator : HP/JU
 Sample : K4554-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-(0-2)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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	5.463	569	574	577	rBV	1988912	1906983	80.91%	7.591%
2	6.475	741	746	753	rBV	2352284	2227614	94.51%	8.867%
3	6.616	766	770	773	rBV	2453284	2085611	88.49%	8.302%
4	6.845	806	809	813	rBV	827862	651424	27.64%	2.593%
5	7.004	832	836	839	rBV	2049216	1609169	68.27%	6.405%
6	7.404	899	904	907	rBV	1517363	1282943	54.43%	5.107%
7	8.128	1023	1027	1030	rBV	1114961	865205	36.71%	3.444%
8	9.204	1206	1210	1213	rBV	2719159	2356988	100.00%	9.382%
9	9.592	1273	1276	1280	rBV	146861	118666	5.03%	0.472%
10	9.880	1321	1325	1328	rBV	1298067	1018798	43.22%	4.055%
11	10.663	1454	1458	1470	rBV	1614910	1431423	60.73%	5.698%
12	11.363	1573	1577	1580	rBV	1176903	1028715	43.65%	4.095%
13	11.886	1663	1666	1674	rBV	391646	354427	15.04%	1.411%
14	12.568	1779	1782	1784	rBV	32949	31703	1.35%	0.126%
15	12.668	1796	1799	1806	rBV	172284	175822	7.46%	0.700%
16	12.939	1841	1845	1849	rBV	2381242	2281793	96.81%	9.083%
17	13.415	1924	1926	1933	rVB5	31218	39789	1.69%	0.158%
18	13.515	1941	1943	1946	rVB	53955	43118	1.83%	0.172%
19	13.833	1994	1997	2008	rBV2	315670	455184	19.31%	1.812%
20	13.992	2020	2024	2027	rBV	915594	805563	34.18%	3.207%
21	14.157	2049	2052	2056	rBV	209353	198003	8.40%	0.788%
22	14.462	2101	2104	2109	rVB	391849	334276	14.18%	1.331%
23	14.768	2152	2156	2160	rBV	521535	523141	22.20%	2.082%
24	14.845	2166	2169	2174	rVB	57734	57745	2.45%	0.230%
25	15.104	2209	2213	2223	rVB	561562	645535	27.39%	2.570%
26	15.445	2266	2271	2274	rBV	672604	841449	35.70%	3.349%
27	15.480	2274	2277	2282	rVB	542386	648184	27.50%	2.580%
28	15.909	2345	2350	2355	rBV	381962	583708	24.76%	2.323%
29	16.409	2430	2435	2442	rBV2	209108	371537	15.76%	1.479%
30	16.998	2531	2535	2543	rVB3	74993	147581	6.26%	0.587%

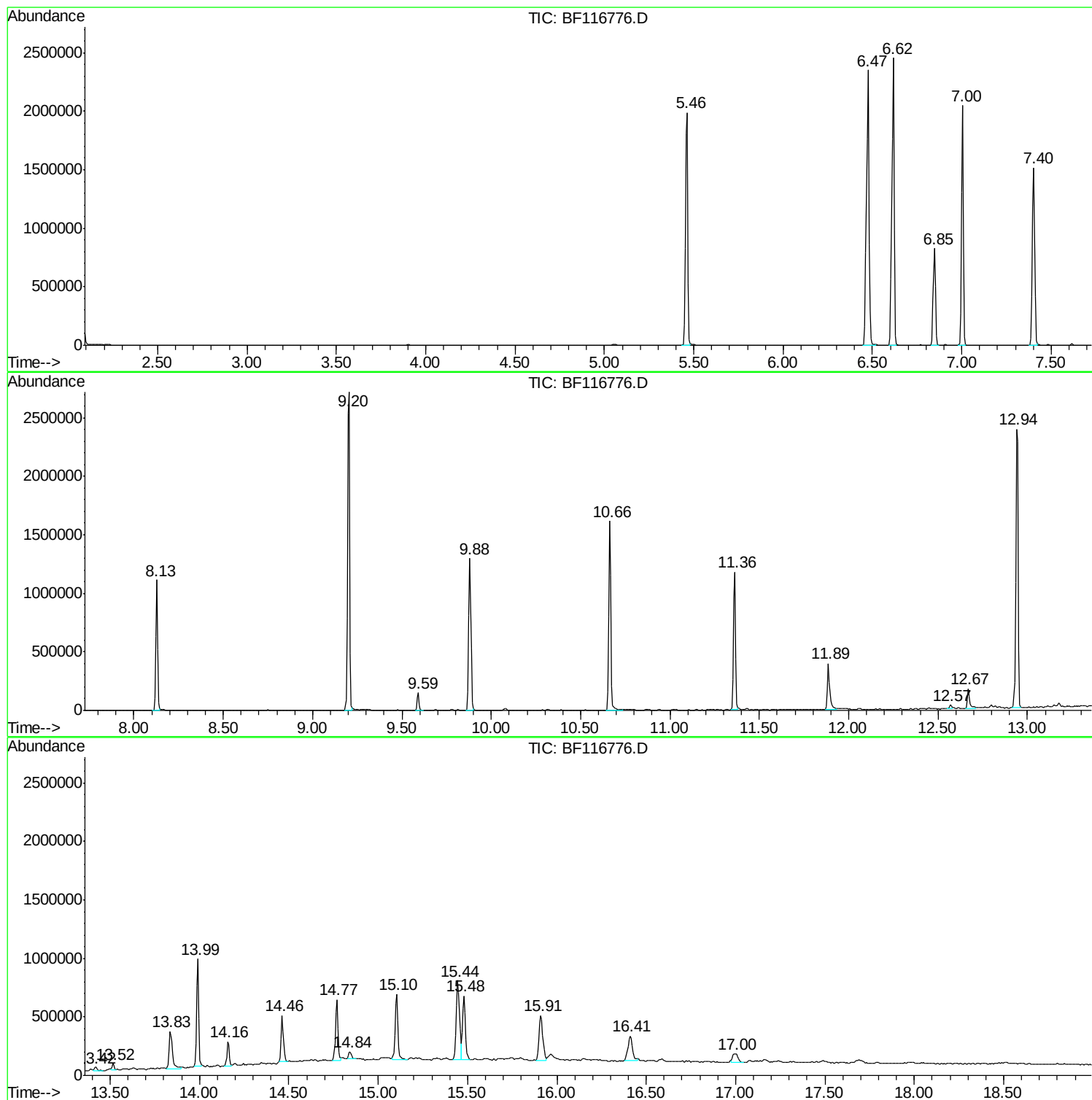
Sum of corrected areas: 25122097

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116776.D
Acq On : 3 Sep 2019 16:58
Operator : HP/JU
Sample : K4554-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.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\BF090319\
Data File : BF116776.D
Acq On : 3 Sep 2019 16:58
Operator : HP/JU
Sample : K4554-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(0-2)

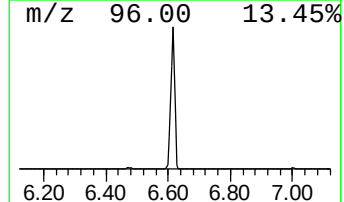
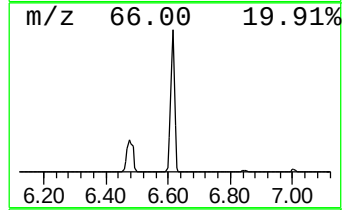
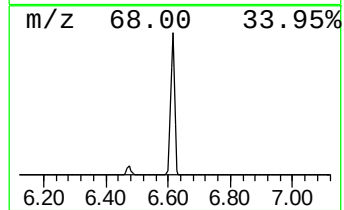
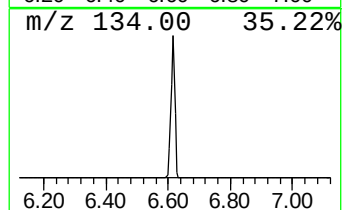
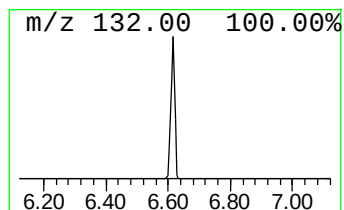
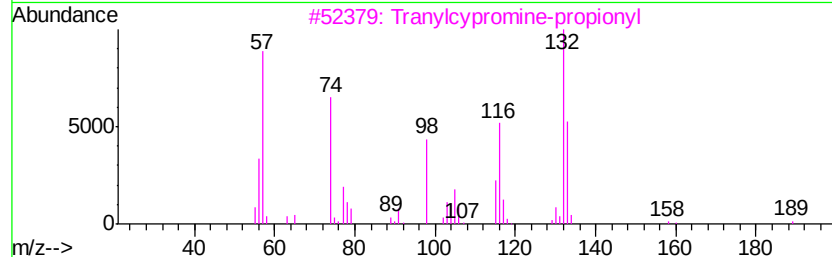
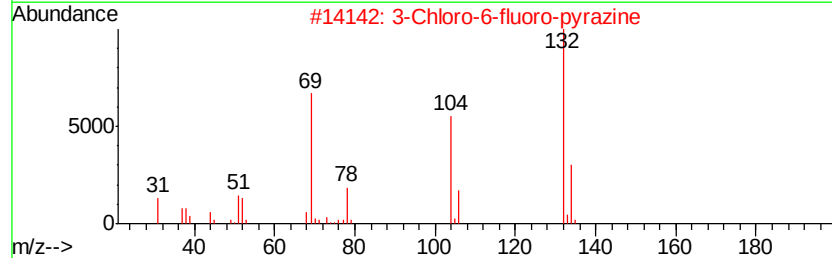
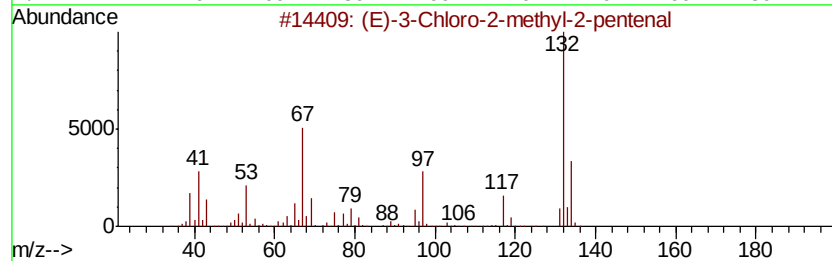
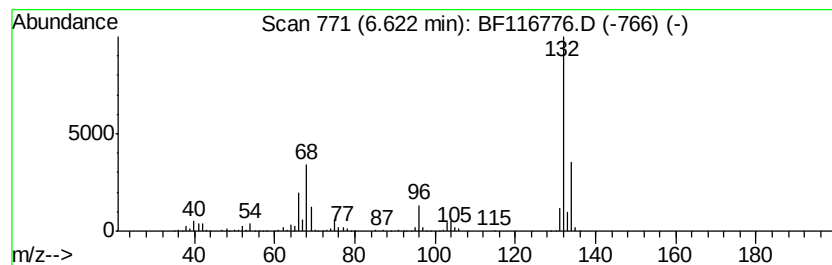
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	64.03 ng	2085610	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		2H-Cyclopentafldpyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116776.D
Acq On : 3 Sep 2019 16:58
Operator : HP/JU
Sample : K4554-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

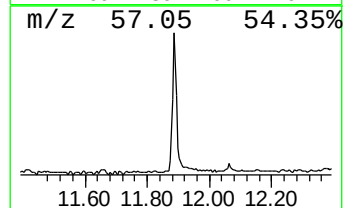
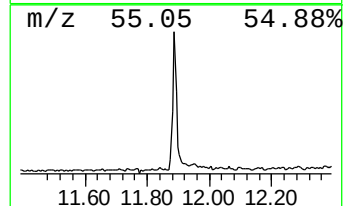
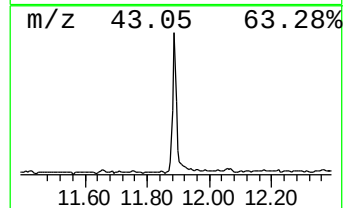
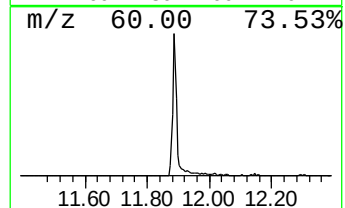
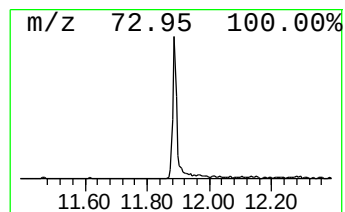
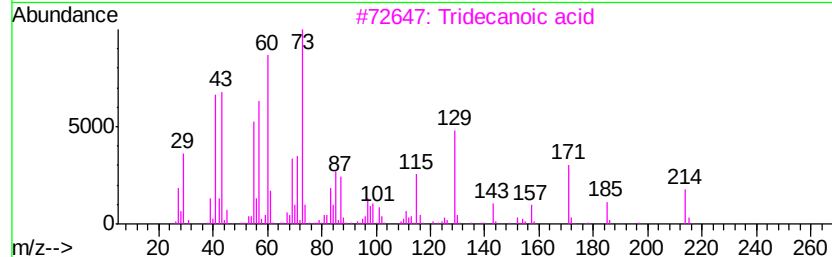
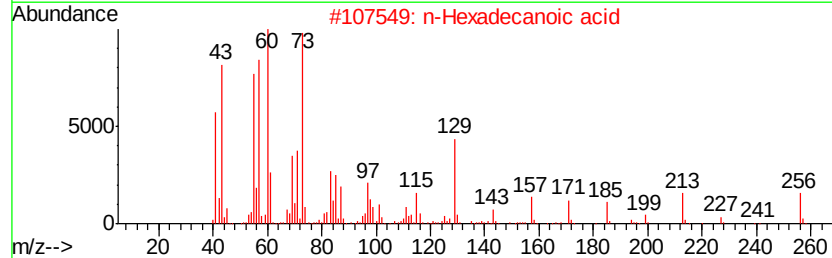
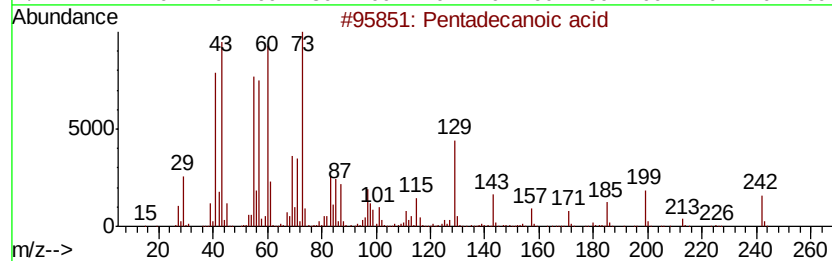
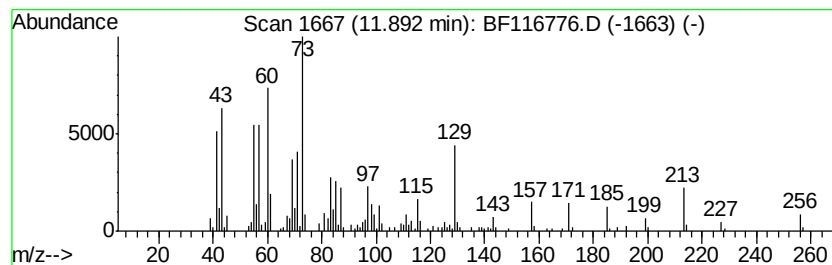
Instrument :
BNA_F
ClientSampleId :
SB-11-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.89	6.89 ng	354427	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116776.D
Acq On : 3 Sep 2019 16:58
Operator : HP/JU
Sample : K4554-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(0-2)

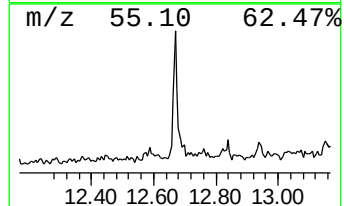
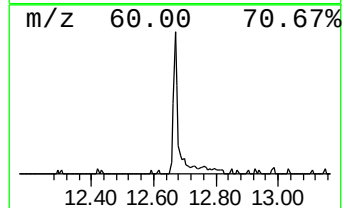
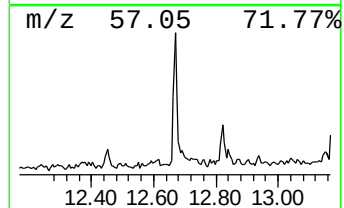
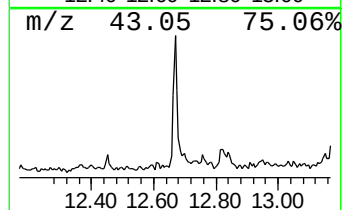
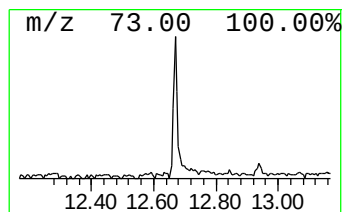
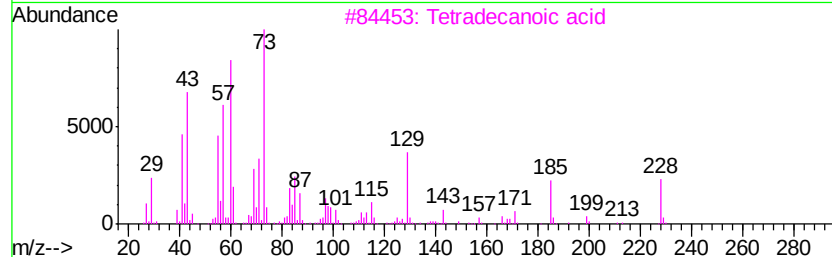
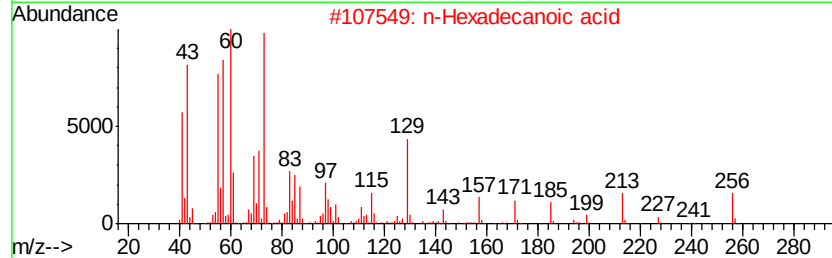
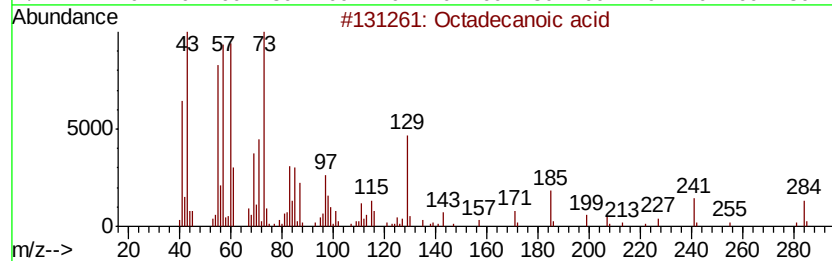
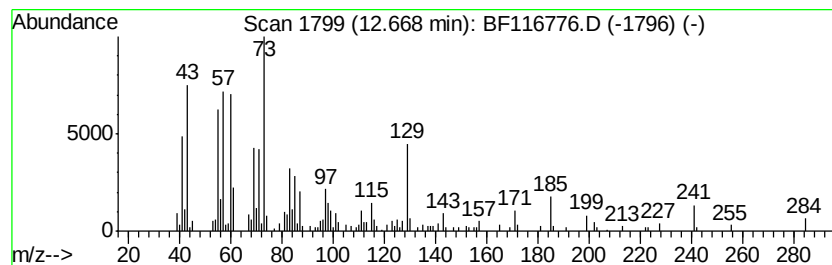
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	3.42 ng	175822	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116776.D
Acq On : 3 Sep 2019 16:58
Operator : HP/JU
Sample : K4554-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(0-2)

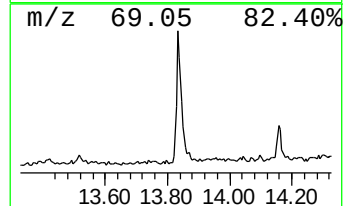
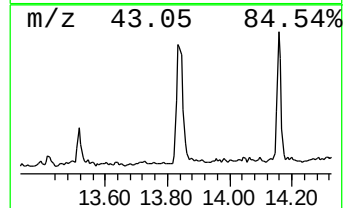
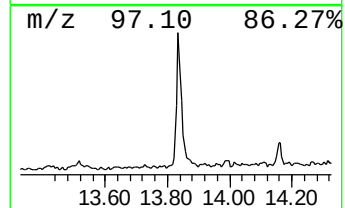
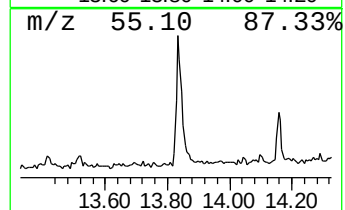
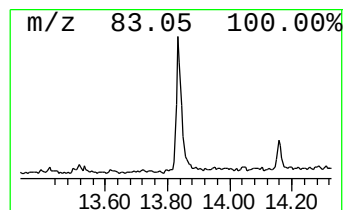
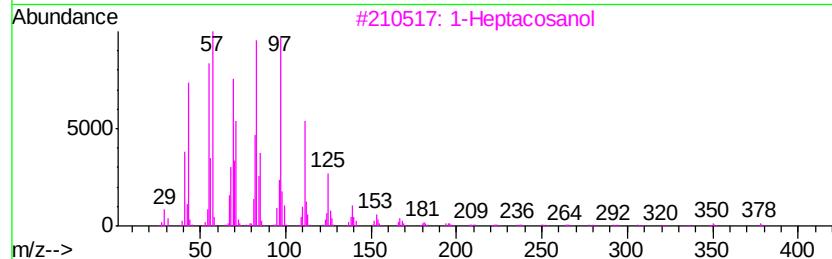
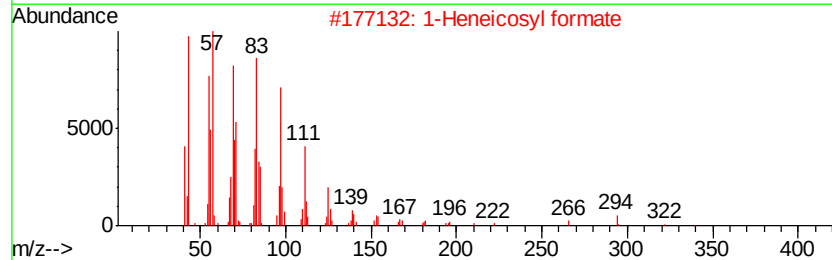
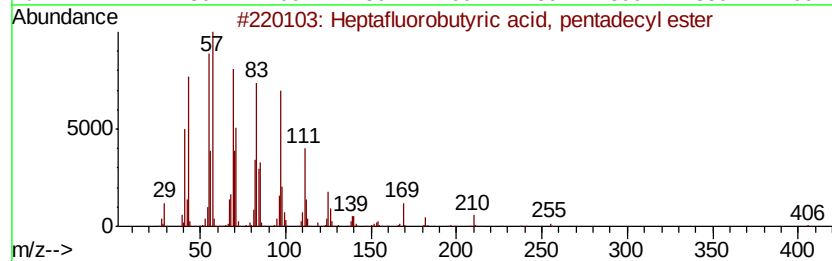
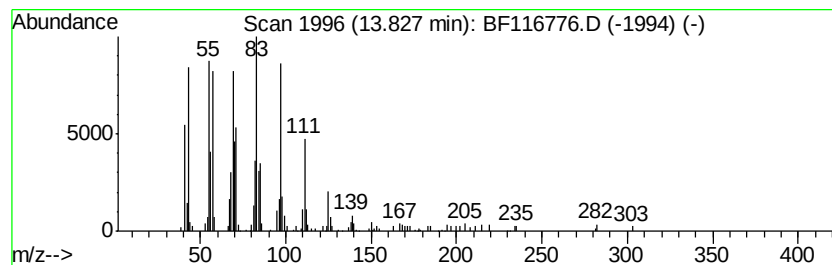
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	11.30 ng	455184	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		1-Heptacosanol	396	C27H56O	002004-39-9	93
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116776.D
Acq On : 3 Sep 2019 16:58
Operator : HP/JU
Sample : K4554-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(0-2)

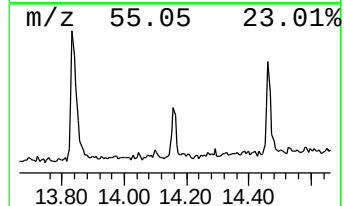
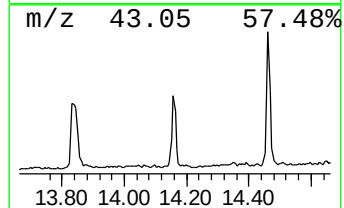
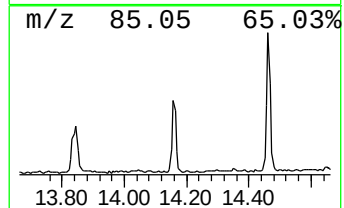
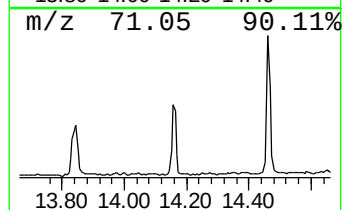
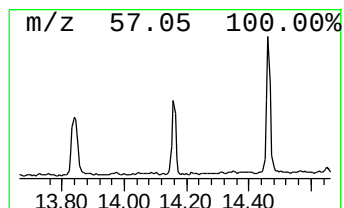
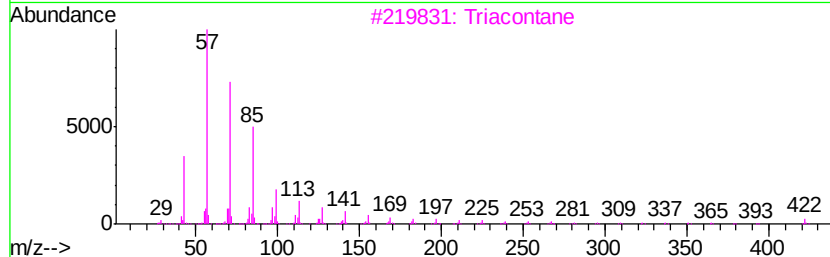
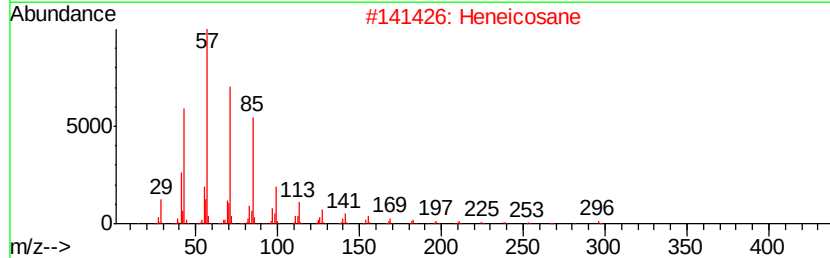
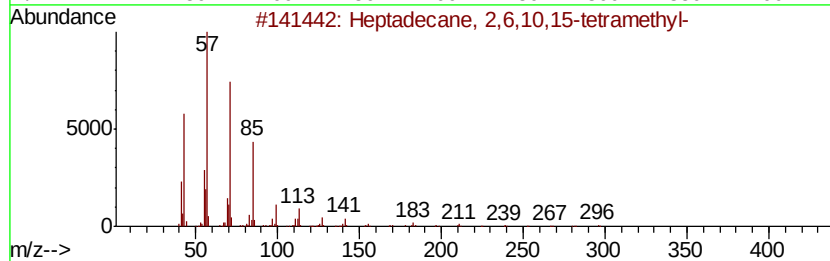
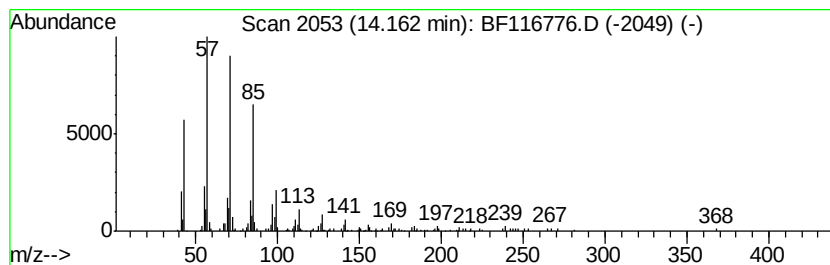
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	4.92 ng	198003	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	90
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116776.D
Acq On : 3 Sep 2019 16:58
Operator : HP/JU
Sample : K4554-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(0-2)

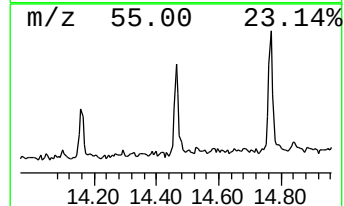
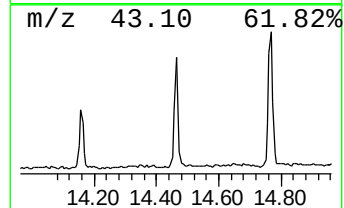
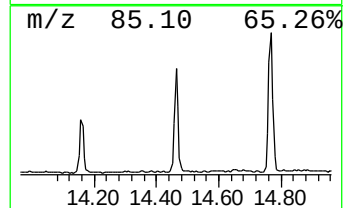
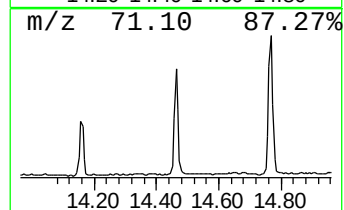
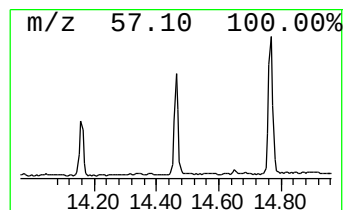
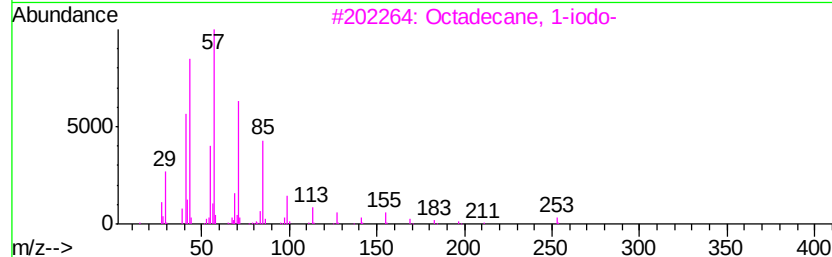
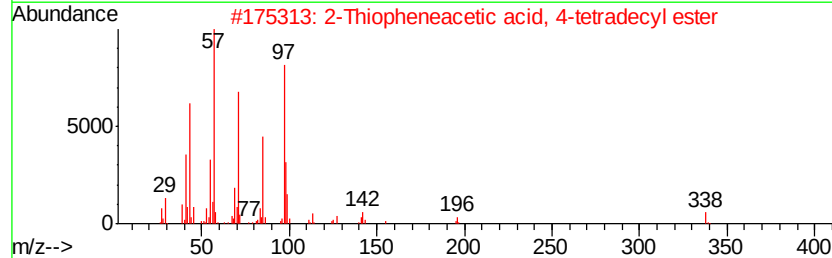
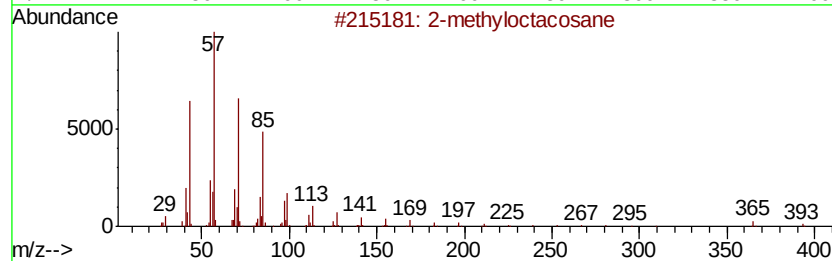
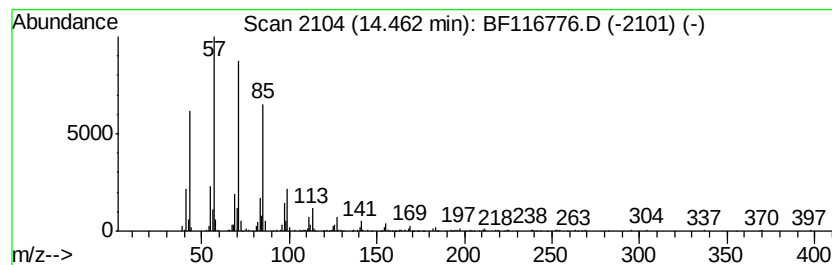
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	8.30 ng	334276	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4		Octadecane	254	C18H38	000593-45-3	80
5		Hentriacontane	437	C31H64	000630-04-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116776.D
Acq On : 3 Sep 2019 16:58
Operator : HP/JU
Sample : K4554-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(0-2)

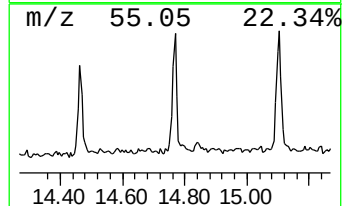
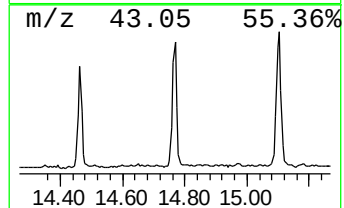
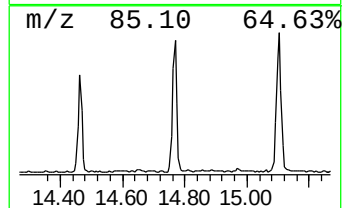
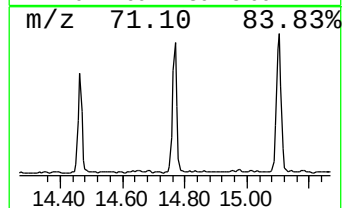
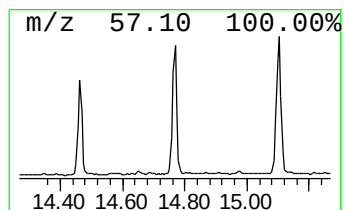
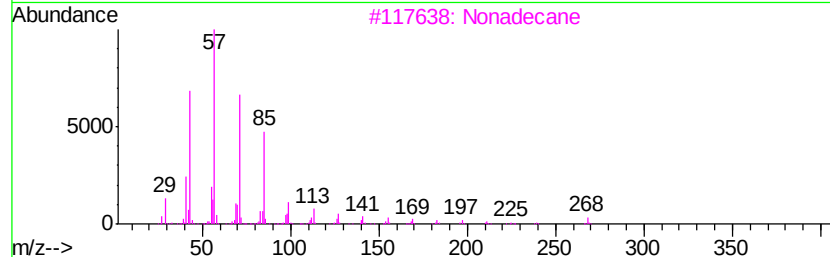
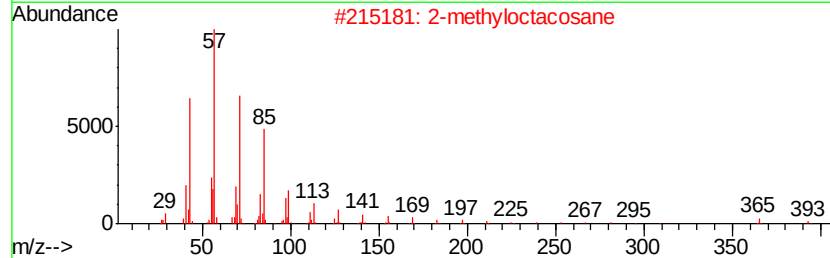
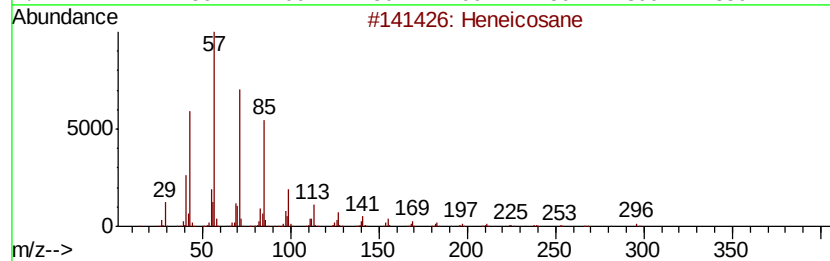
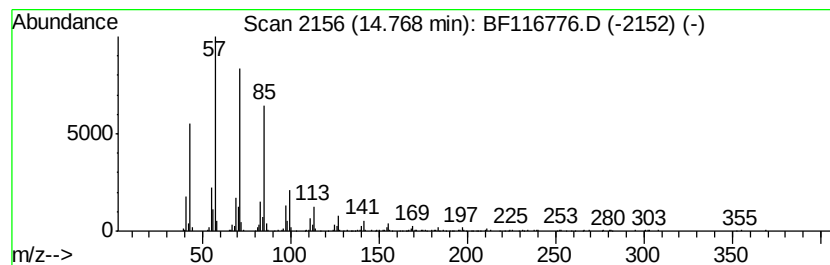
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	12.43 ng	523141	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	Nonadecane		268	C19H40	000629-92-5	80
4	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	74
5	Eicosane		282	C20H42	000112-95-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116776.D
Acq On : 3 Sep 2019 16:58
Operator : HP/JU
Sample : K4554-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(0-2)

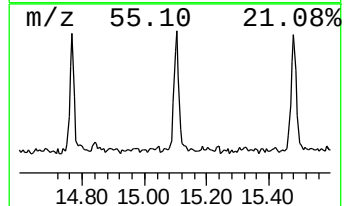
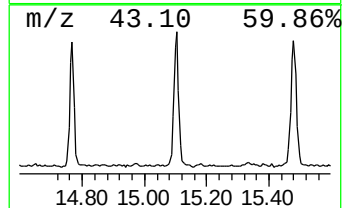
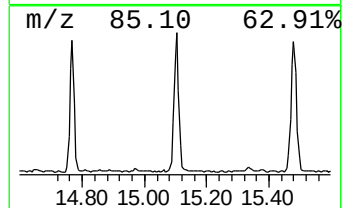
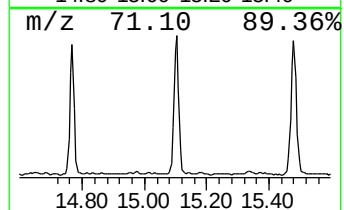
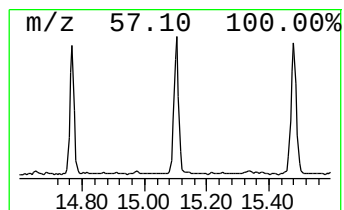
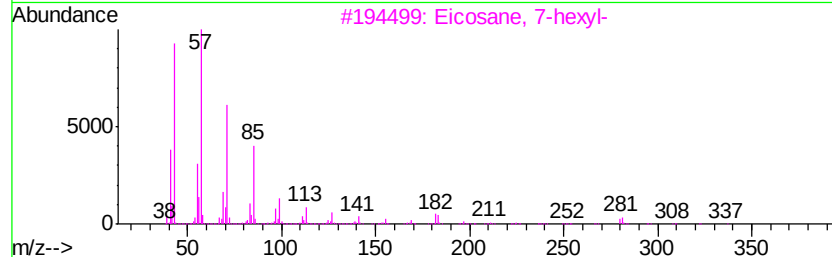
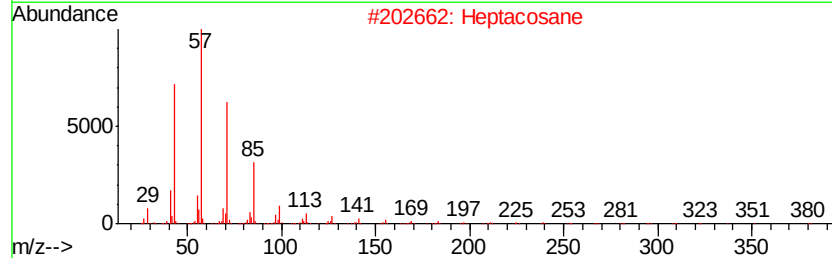
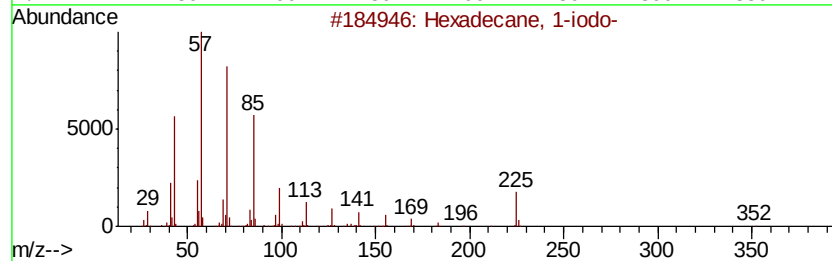
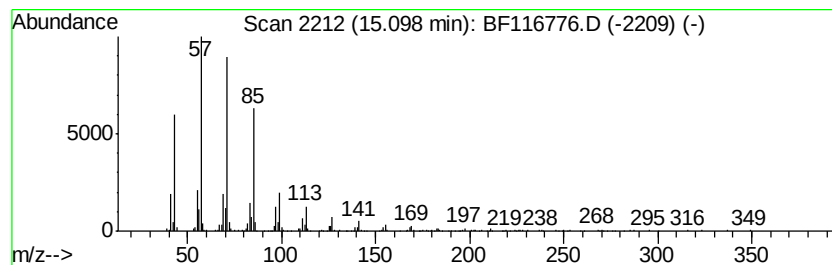
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	15.34 ng	645535	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116776.D
Acq On : 3 Sep 2019 16:58
Operator : HP/JU
Sample : K4554-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(0-2)

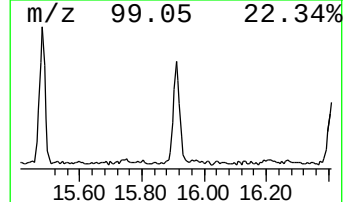
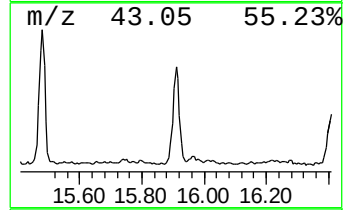
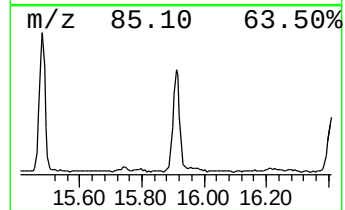
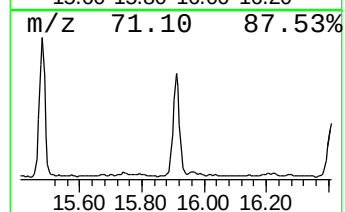
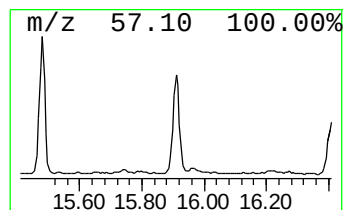
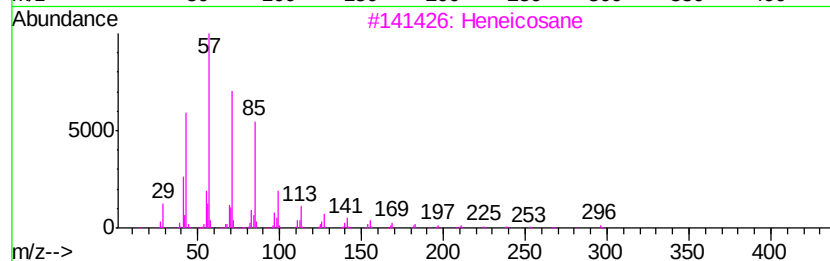
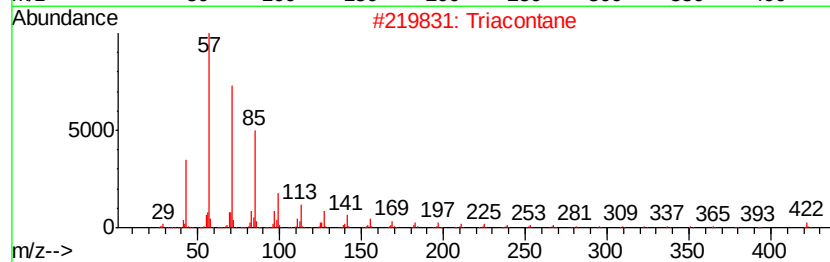
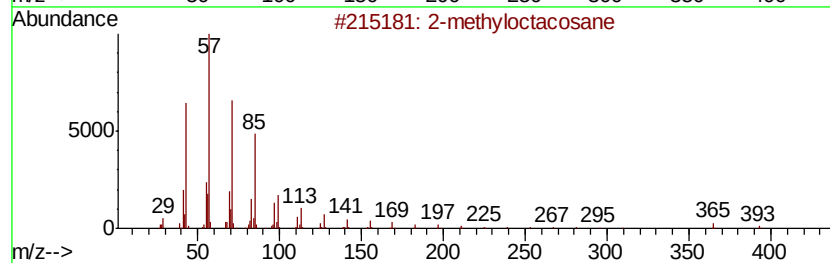
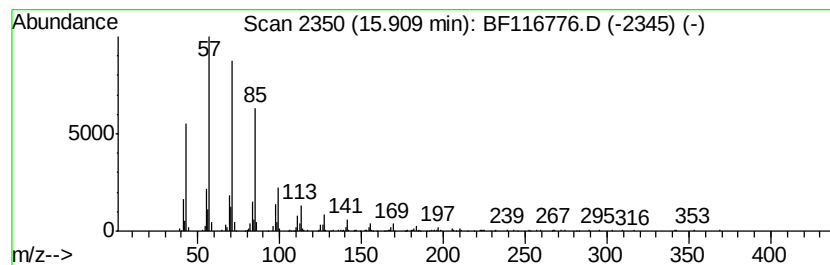
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Triacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	13.87 ng	583708	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonadecane	268	C19H40	000629-92-5	87
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116776.D
 Acq On : 3 Sep 2019 16:58
 Operator : HP/JU
 Sample : K4554-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-(0-2)

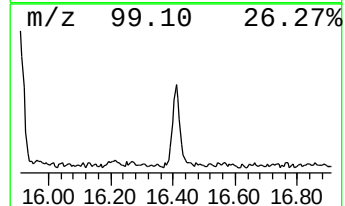
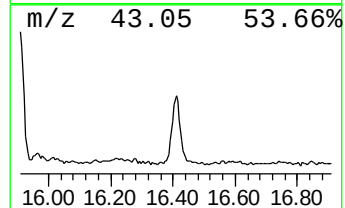
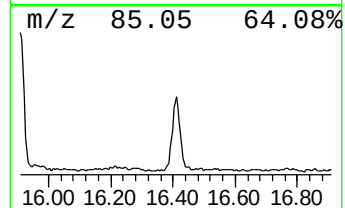
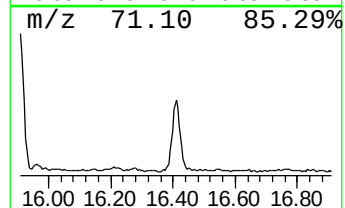
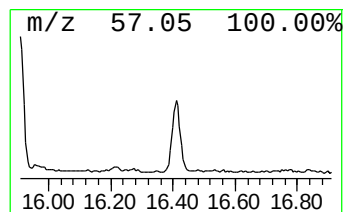
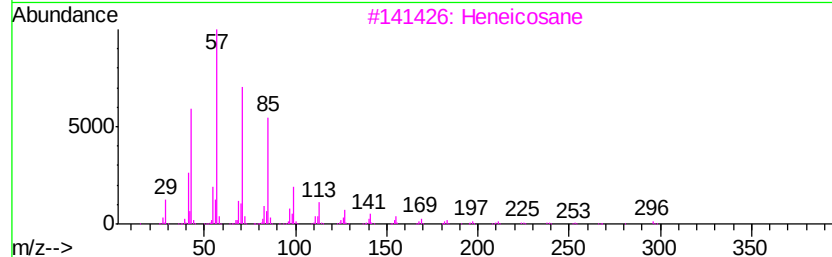
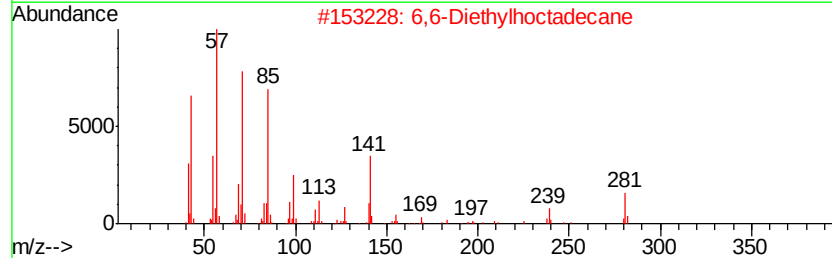
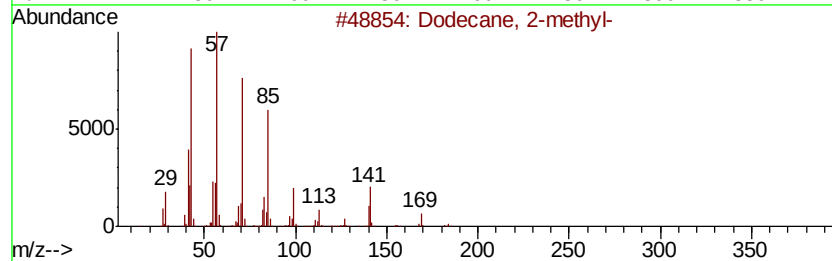
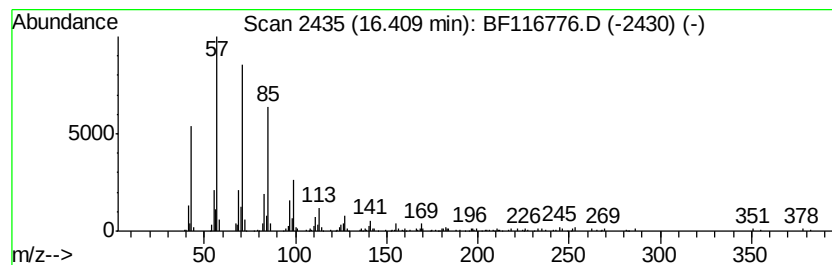
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Dodecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	8.83 ng	371537	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2		6,6-Diethyloctadecane	310	C22H46	1000360-41-8	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		2-methyltetracosane	352	C25H52	1000376-72-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116776.D
Acq On : 3 Sep 2019 16:58
Operator : HP/JU
Sample : K4554-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(0-2)

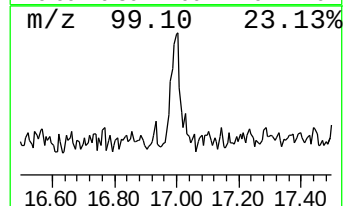
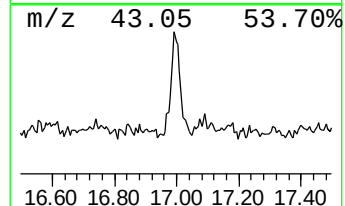
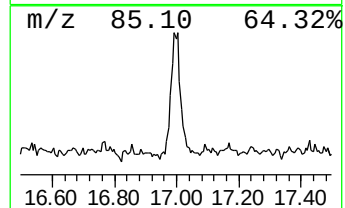
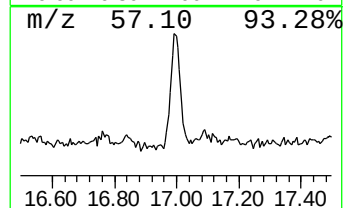
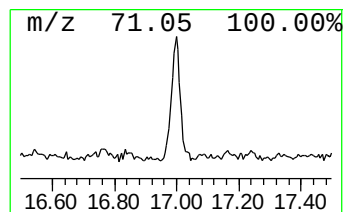
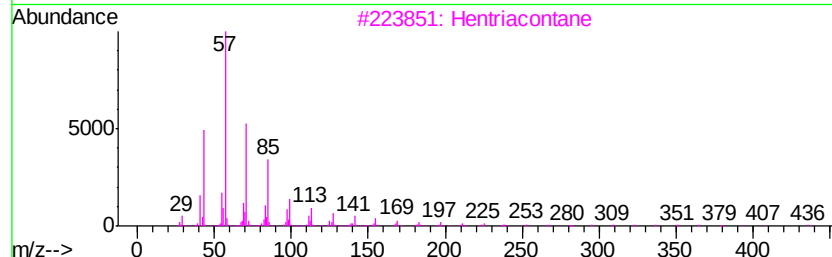
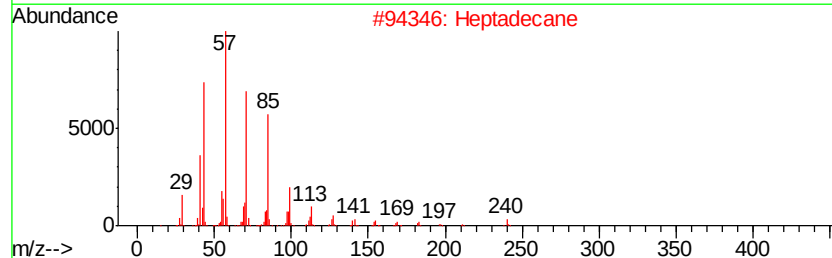
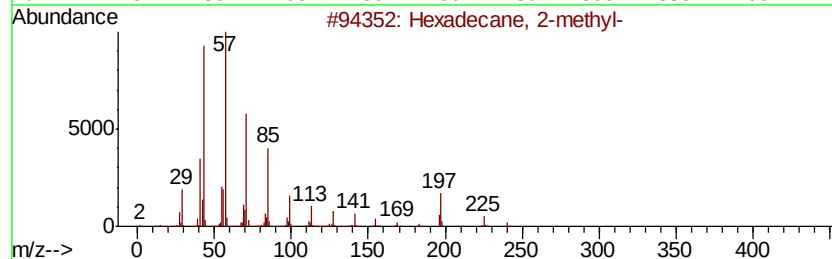
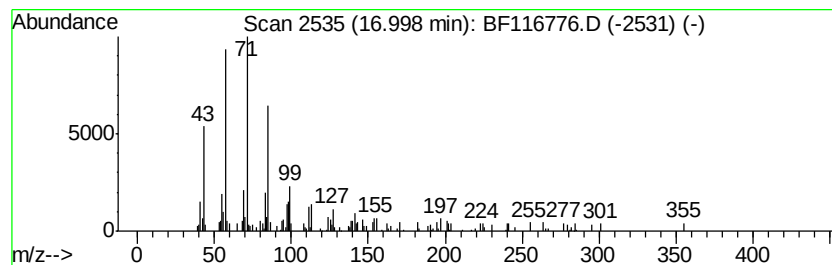
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	3.51 ng	147581	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81
2		Heptadecane	240	C17H36	000629-78-7	74
3		Hentriacontane	437	C31H64	000630-04-6	72
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
5		Tricosane	324	C23H48	000638-67-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090319\
Data File : BF116776.D
Acq On : 3 Sep 2019 16:58
Operator : HP/JU
Sample : K4554-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.62	6.62	64.0	ng	2085610	1	6.85	651424	20.0
Pentadecanoic acid	11.89	6.9	ng	354427	4	11.36	1028720	20.0
Octadecanoic acid	12.67	3.4	ng	175822	4	11.36	1028720	20.0
Heptafluorobutyri...	13.83	11.3	ng	455184	5	13.99	805563	20.0
Heptadecane, 2,6,...	14.16	4.9	ng	198003	5	13.99	805563	20.0
2-methyloctacosane	14.46	8.3	ng	334276	5	13.99	805563	20.0
Heneicosane	14.77	12.4	ng	523141	6	15.44	841449	20.0
Hexadecane, 1-iodo-	15.10	15.3	ng	645535	6	15.44	841449	20.0
triacontane	15.91	13.9	ng	583708	6	15.44	841449	20.0
Dodecane, 2-methyl-	16.41	8.8	ng	371537	6	15.44	841449	20.0
Hexadecane, 2-met...	17.00	3.5	ng	147581	6	15.44	841449	20.0