

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
 Data File : BP000072.D
 Acq On : 04 Sep 2019 17:29
 Operator : HP/JU
 Sample : K4639-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-02

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_P\METHODS\8270-BP083019.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	2.205	12	20	28	rVB	3386554	4851056	21.71%	3.266%
2	5.517	578	583	586	rBV	10112925	9831801	44.00%	6.620%
3	6.511	748	752	757	rBV	8781239	8753361	39.18%	5.894%
4	6.664	773	778	781	rBV	14547230	13444304	60.17%	9.052%
5	6.893	814	817	820	rBV	3651038	2756170	12.34%	1.856%
6	7.052	840	844	847	rBV	14477268	12110030	54.20%	8.154%
7	7.452	907	912	915	rBV	10205253	9316250	41.70%	6.273%
8	8.175	1031	1035	1038	rBV	4381718	3552452	15.90%	2.392%
9	9.258	1214	1219	1222	rBV	20960751	19552877	87.51%	13.165%
10	9.646	1281	1285	1288	rBV	2127881	1541488	6.90%	1.038%
11	9.940	1331	1335	1338	rVB	4812329	4334272	19.40%	2.918%
12	10.734	1465	1470	1473	rBV	12817605	12906378	57.77%	8.690%
13	11.434	1585	1589	1592	rBV	5810885	4638267	20.76%	3.123%
14	11.969	1676	1680	1690	rBV	1026064	1025110	4.59%	0.690%
15	12.763	1811	1815	1828	rBV	555568	584252	2.61%	0.393%
16	13.040	1857	1862	1865	rBV	20132125	22342879	100.00%	15.044%
17	13.628	1959	1962	1964	rBV	417574	343538	1.54%	0.231%
18	13.951	2013	2017	2031	rBV2	1181108	1772689	7.93%	1.194%
19	14.098	2038	2042	2046	rBV	4996139	4489497	20.09%	3.023%
20	14.281	2069	2073	2083	rBV	832961	768475	3.44%	0.517%
21	14.587	2123	2125	2131	rVB	944849	815315	3.65%	0.549%
22	14.916	2177	2181	2187	rBV	881731	896721	4.01%	0.604%
23	15.275	2238	2242	2253	rBV	754943	902419	4.04%	0.608%
24	15.622	2296	2301	2307	rVV	3668935	4487916	20.09%	3.022%
25	15.687	2307	2312	2326	rVB	642435	875785	3.92%	0.590%
26	16.157	2387	2392	2396	rBV	412912	620459	2.78%	0.418%
27	16.204	2396	2400	2410	rVB	125135	235917	1.06%	0.159%
28	16.704	2481	2485	2495	rVB	188709	323376	1.45%	0.218%
29	17.839	2671	2678	2688	rBV4	188860	445698	1.99%	0.300%

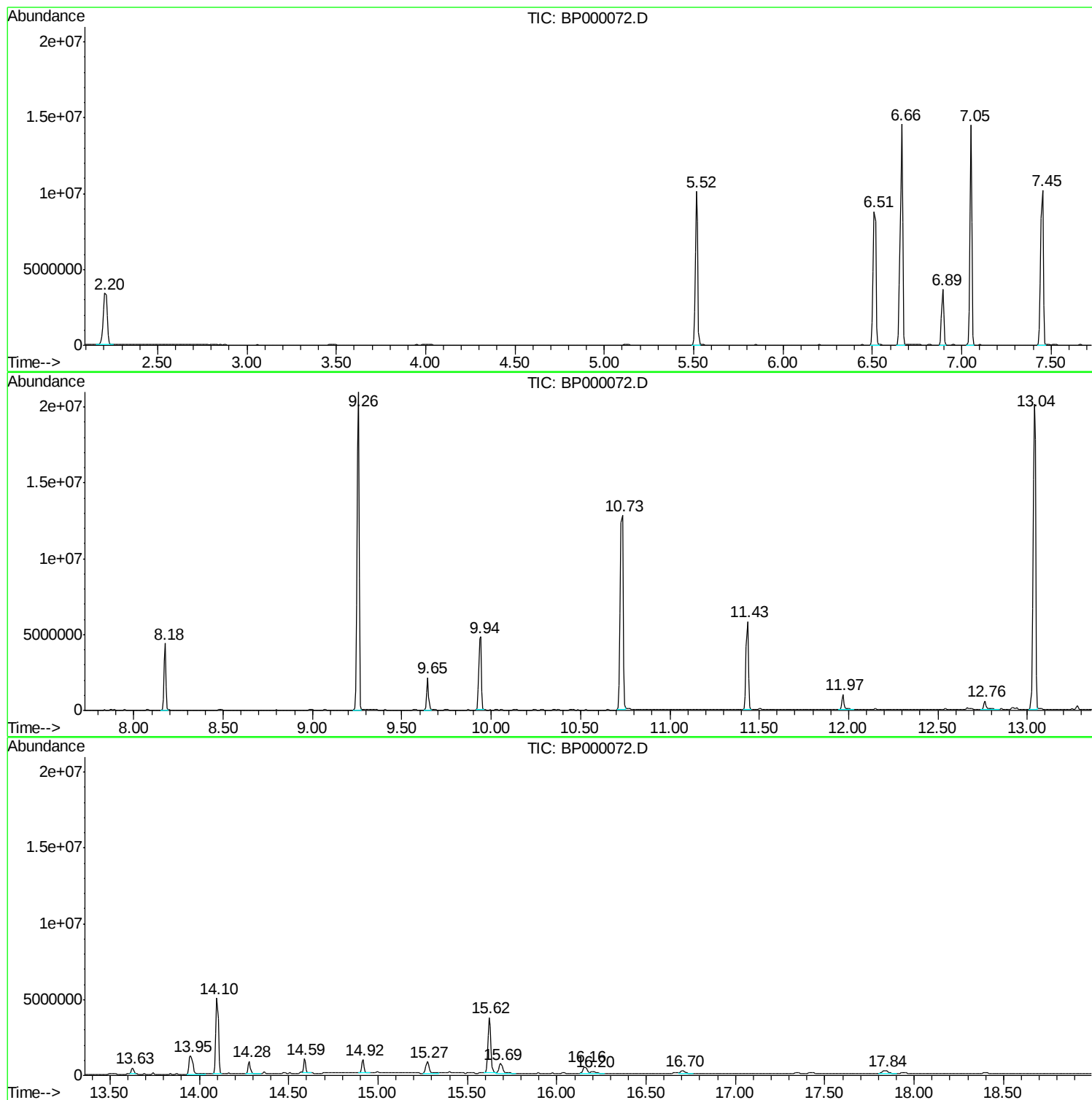
Sum of corrected areas: 148518752

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.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 P\DATA\BP090419\
Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-02

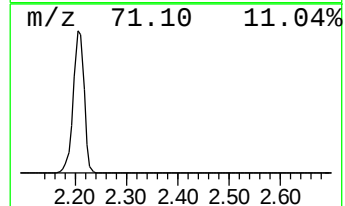
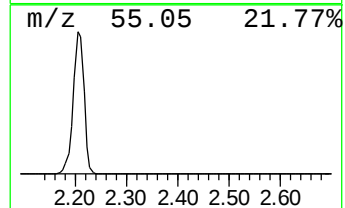
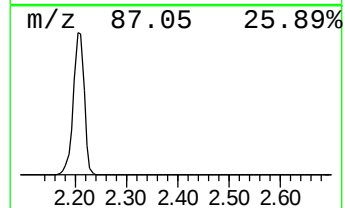
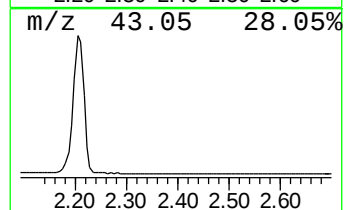
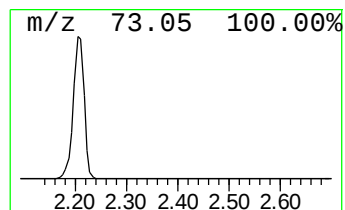
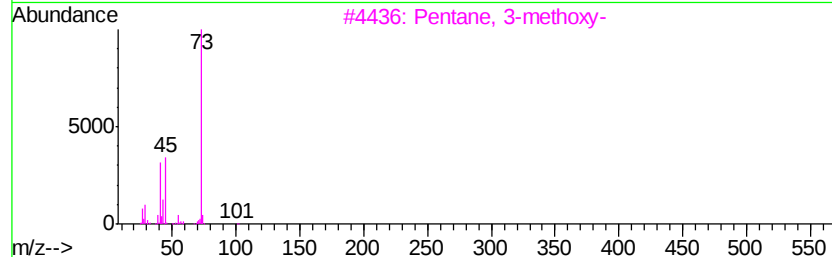
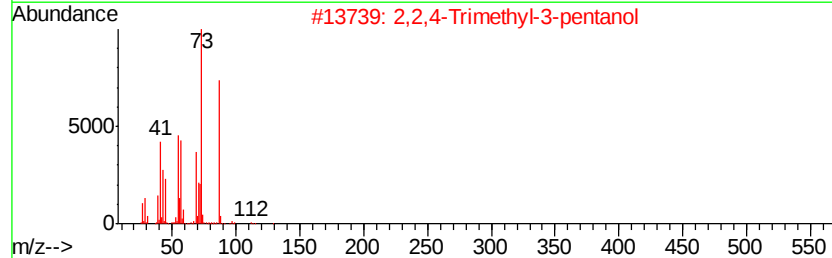
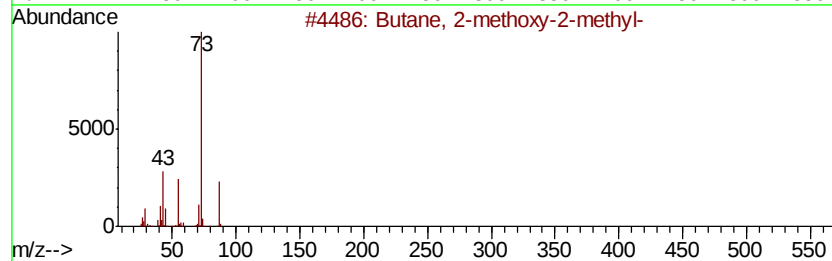
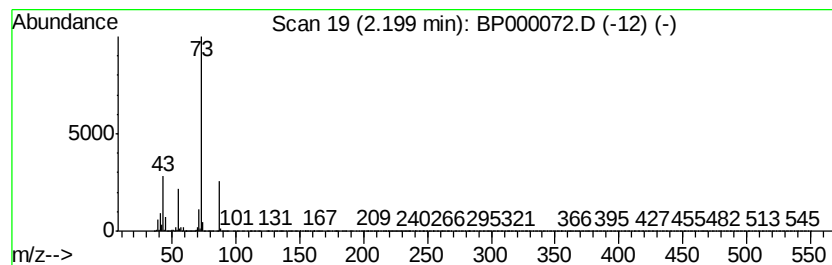
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.20	35.20 ng	4851060	1,4-Dichlorobenzene-d4	6.89

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	40	
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17	
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9	
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9	



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-02

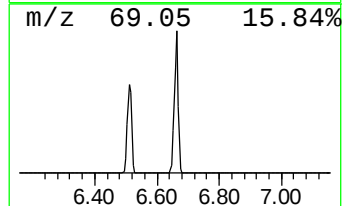
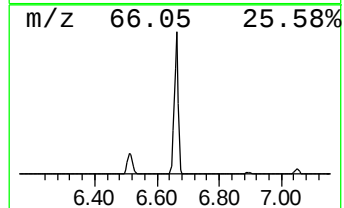
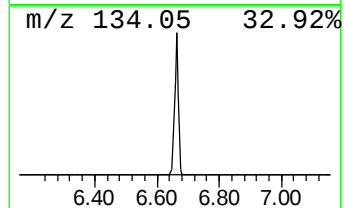
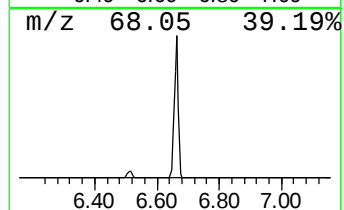
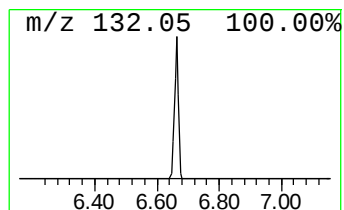
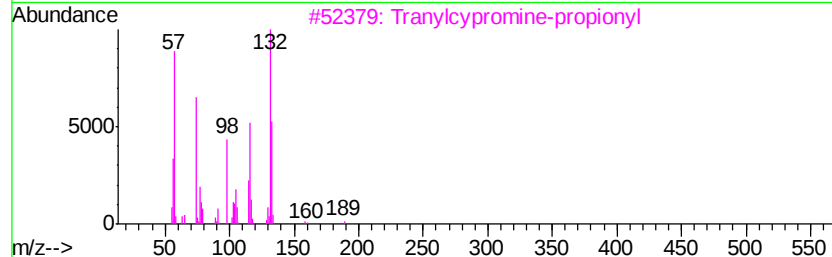
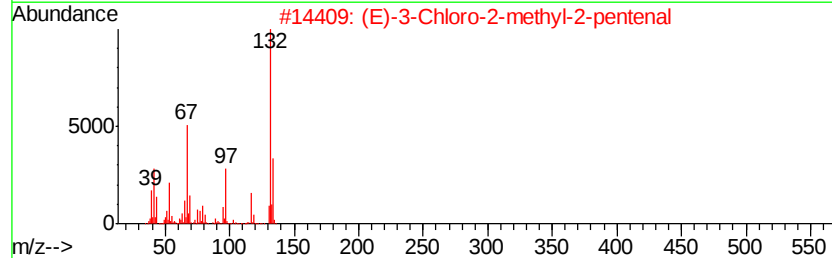
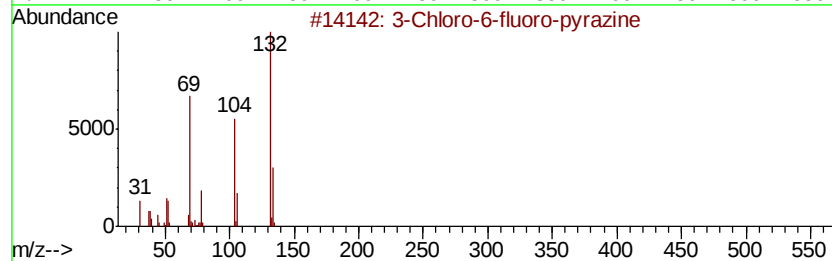
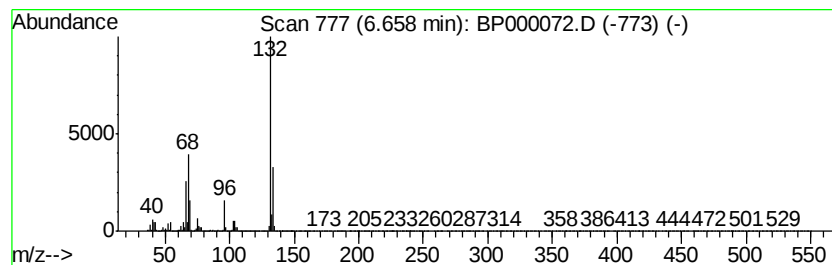
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	97.56 ng	13444300	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-02

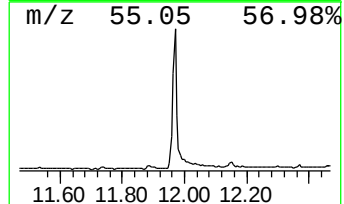
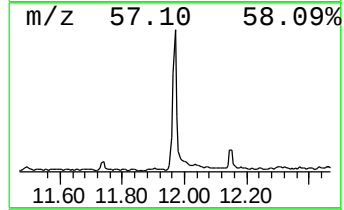
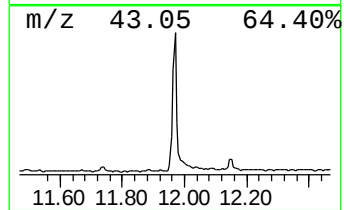
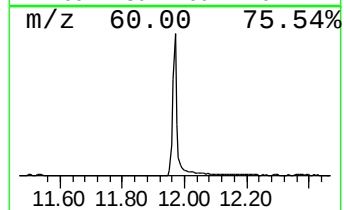
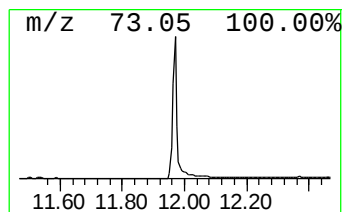
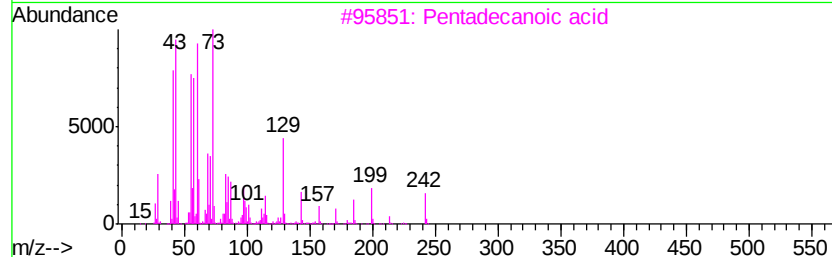
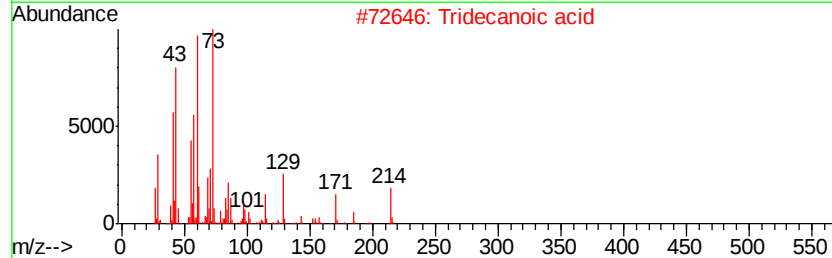
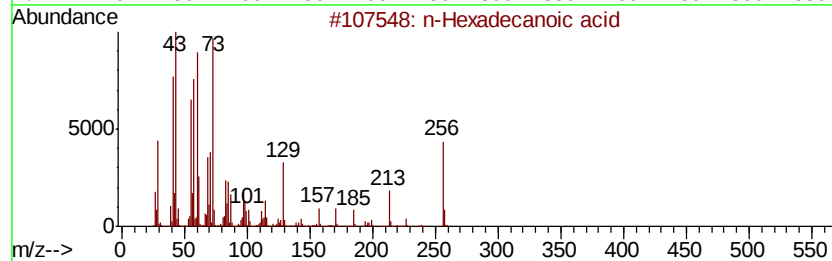
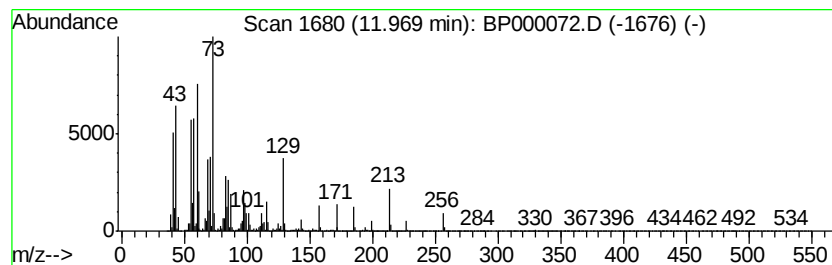
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.97	4.42 ng	1025110	Phenanthrene-d10	11.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4		Octadecanoic acid	284	C18H36O2	000057-11-4	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-02

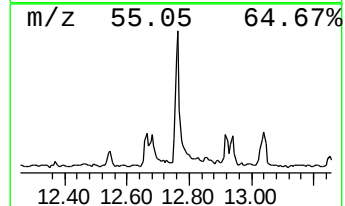
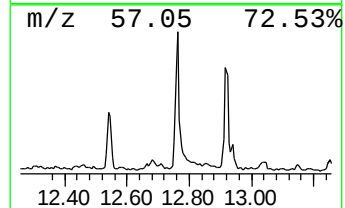
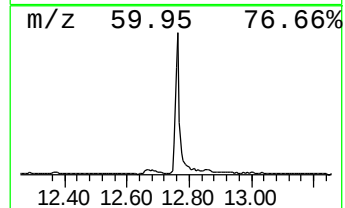
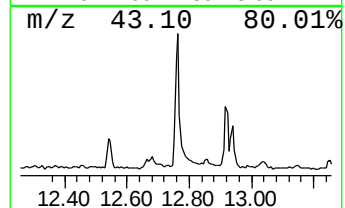
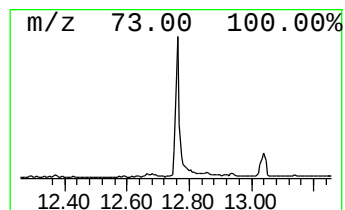
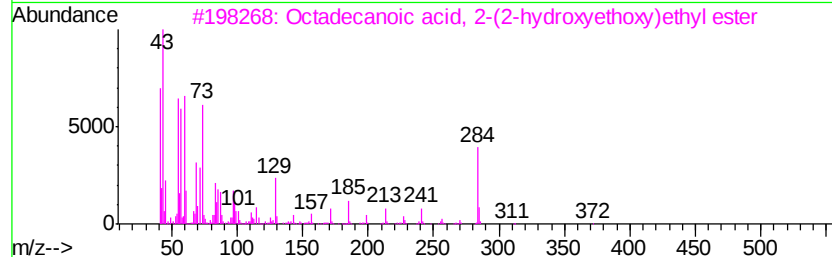
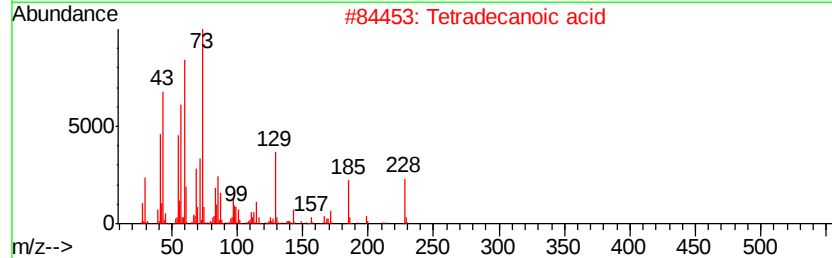
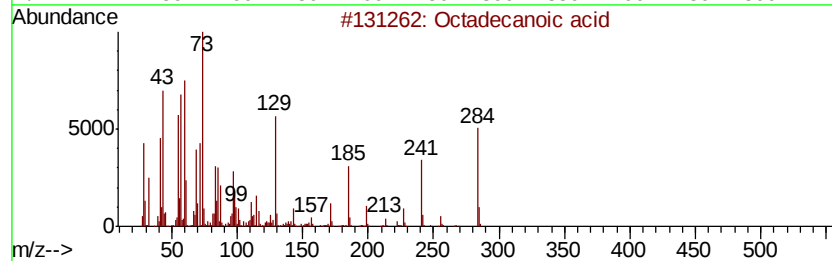
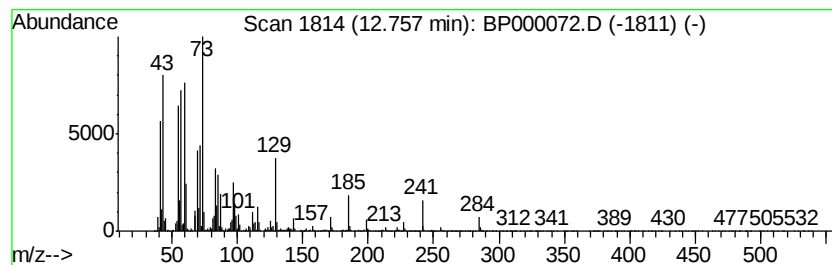
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.52 ng	584252	Phenanthrene-d10	11.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

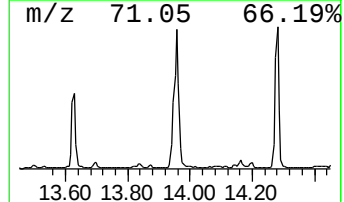
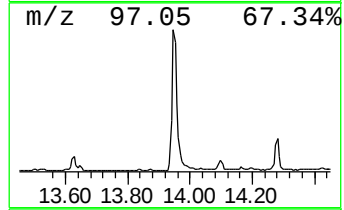
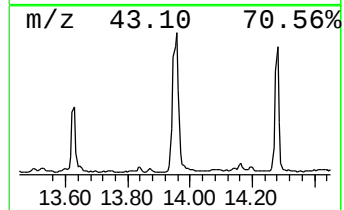
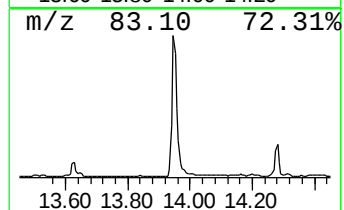
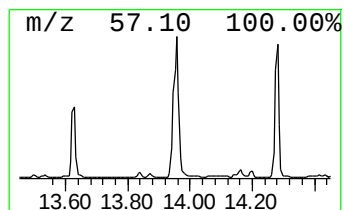
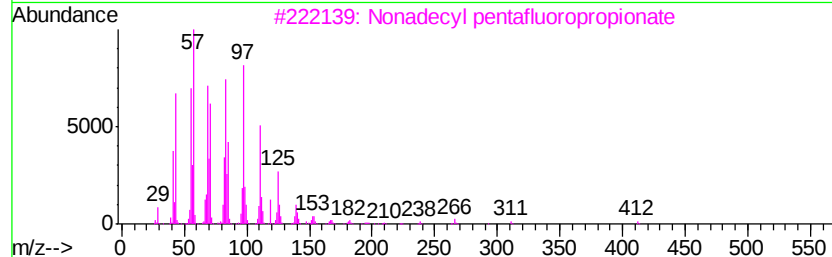
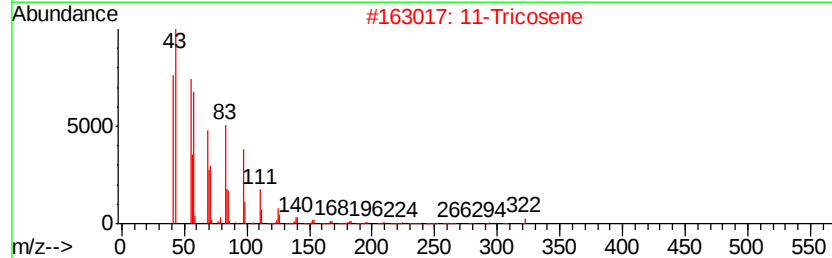
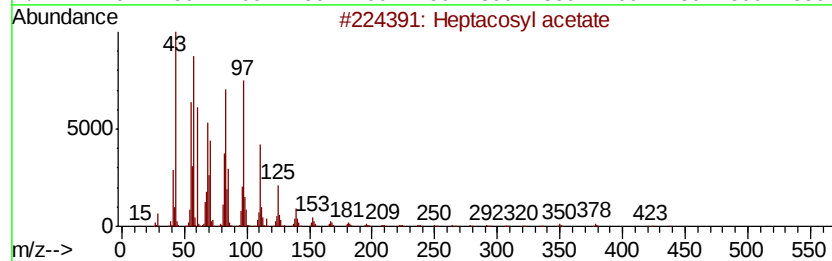
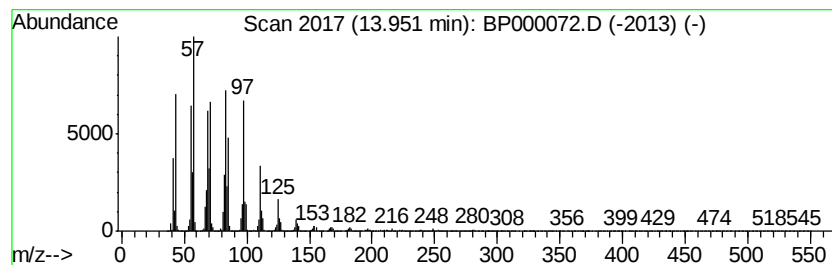
Instrument :
BNA_P
ClientSampleId :
GW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptacosyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.95	7.90 ng	1772690	Chrysene-d12		14.10		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
2			11-Tricosene	322	C23H46	052078-56-5	94
3			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
4			1-Heneicosanol	312	C21H44O	015594-90-8	93
5			Triacetyl acetate	480	C32H64O2	041755-58-2	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-02

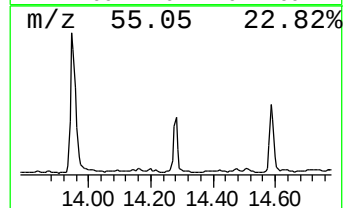
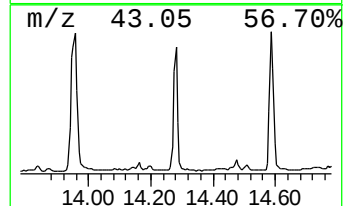
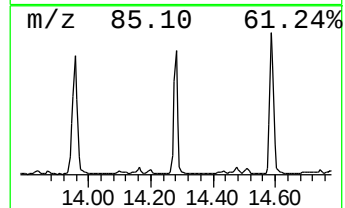
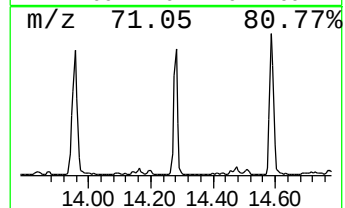
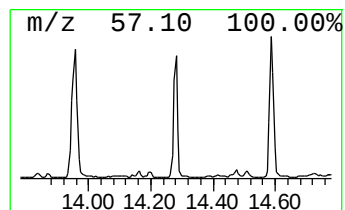
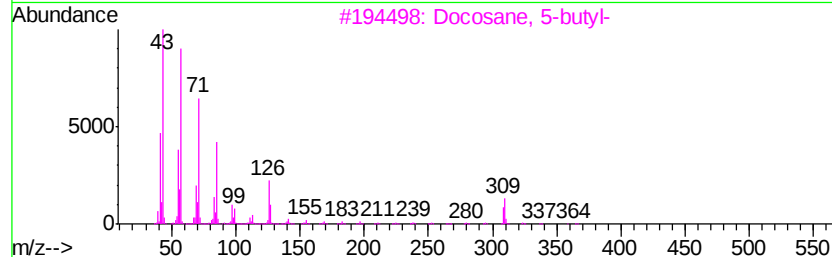
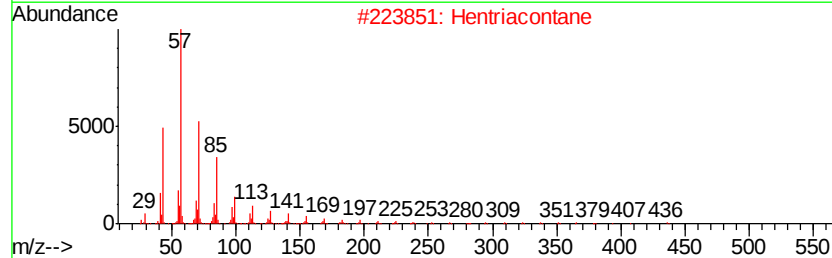
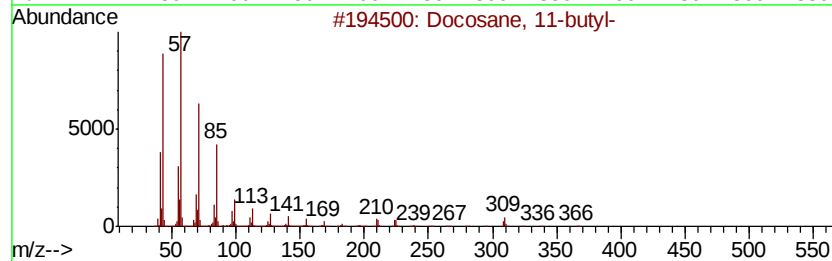
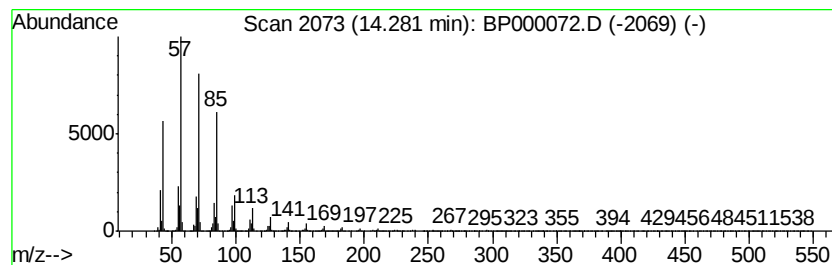
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Docosane, 11-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	3.42 ng	768475	Chrysene-d12	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2		Hentriacontane	437	C31H64	000630-04-6	93
3		Docosane, 5-butyl-	366	C26H54	055282-16-1	91
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-02

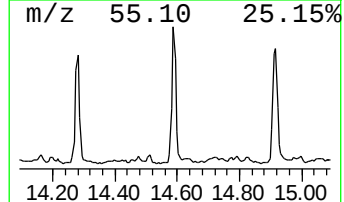
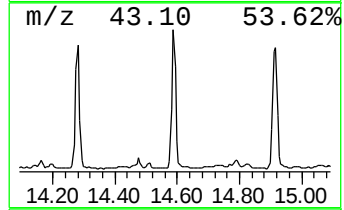
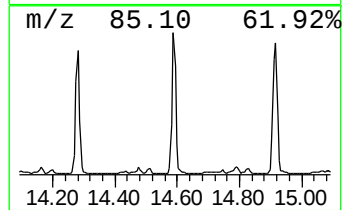
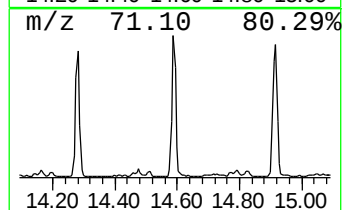
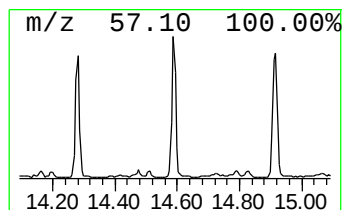
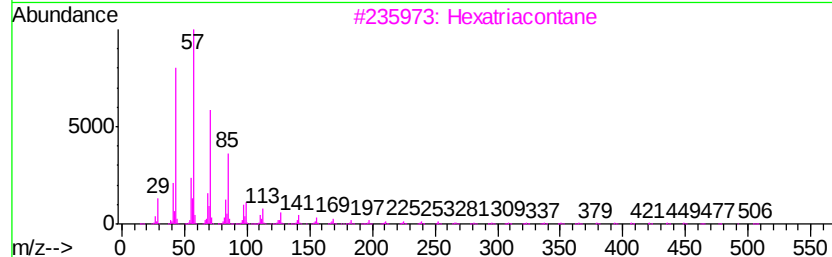
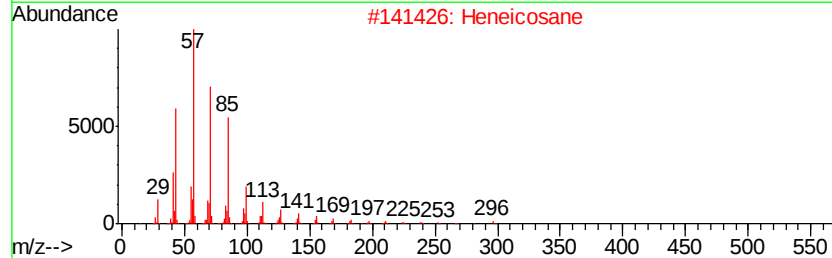
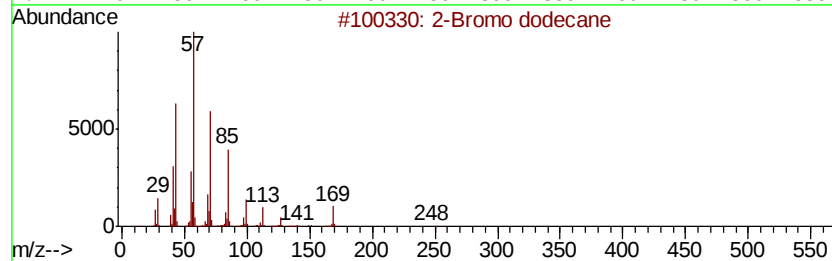
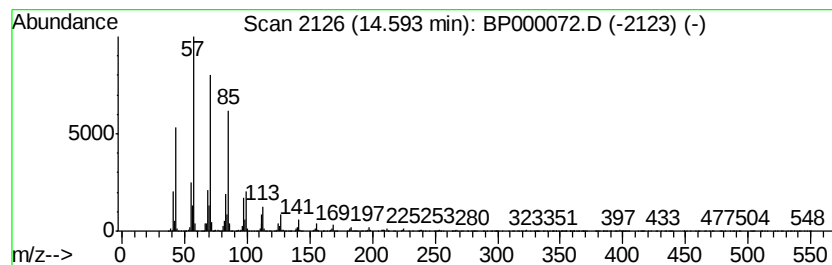
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.63 ng	815315	Chrysene-d12	14.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	94
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hexatriacontane		507	C36H74	000630-06-8	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Eicosane		282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-02

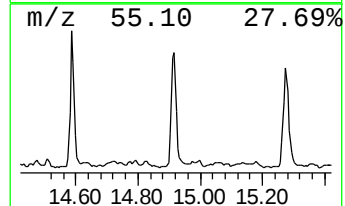
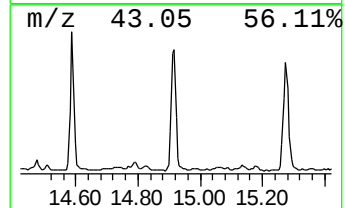
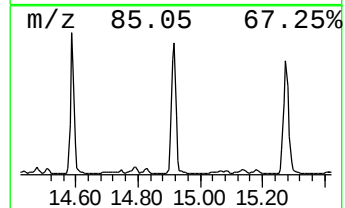
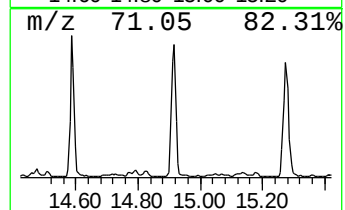
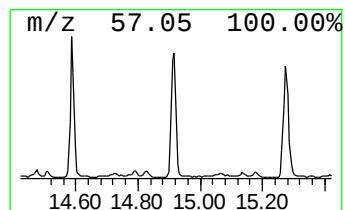
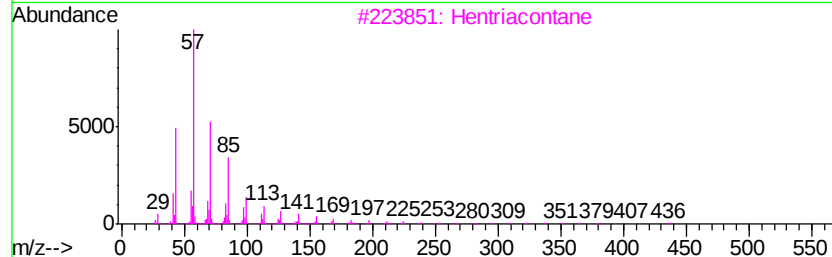
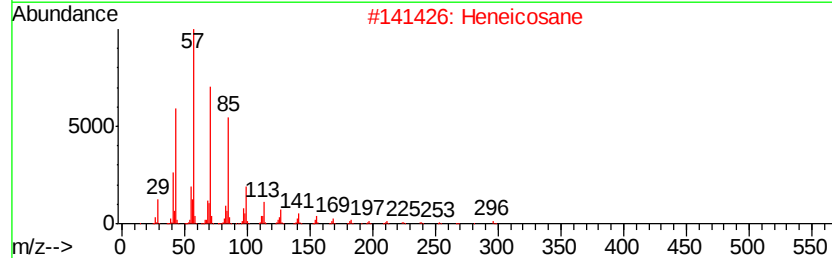
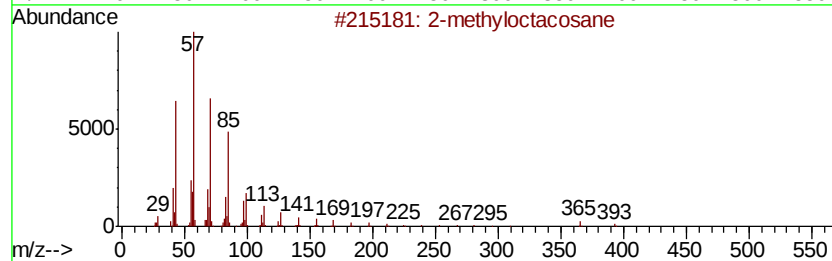
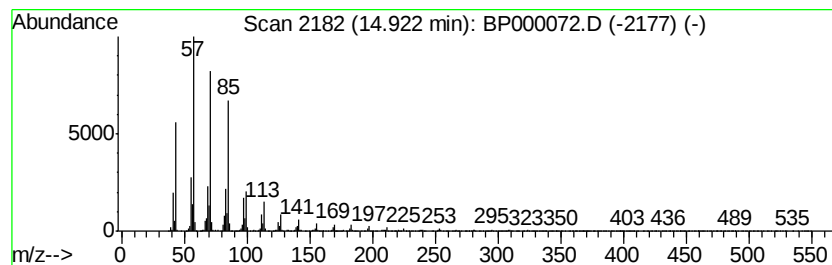
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.00 ng	896721	Perylene-d12	15.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane		408	C29H60	1000376-72-8	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hentriacontane		437	C31H64	000630-04-6	91
4	Heptadecane, 9-hexyl-		324	C23H48	055124-79-3	90
5	Hexacosane		366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-02

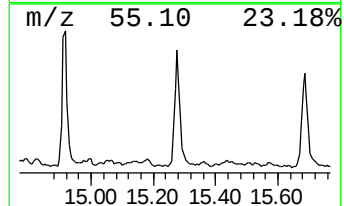
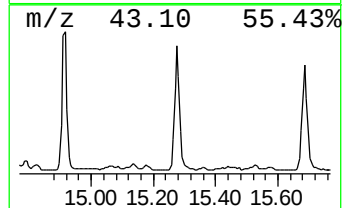
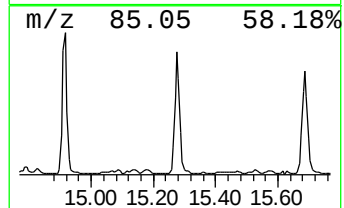
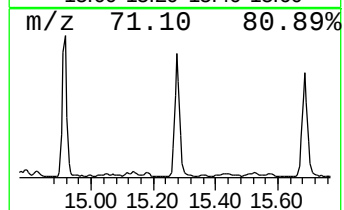
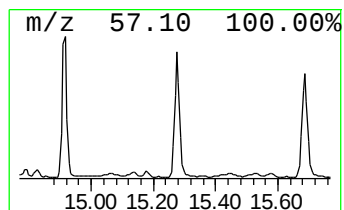
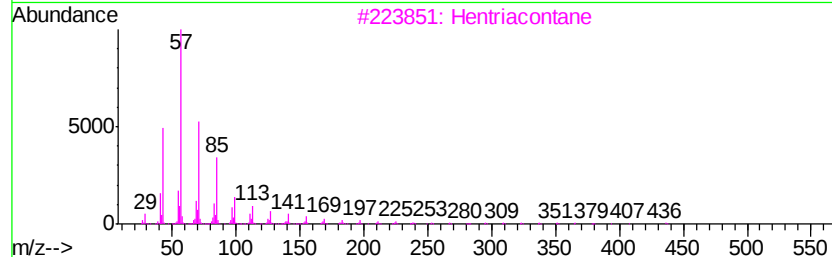
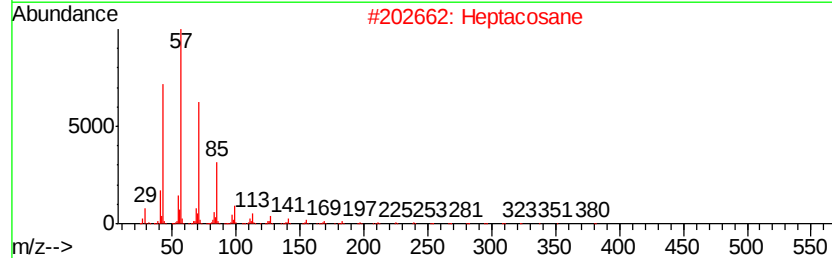
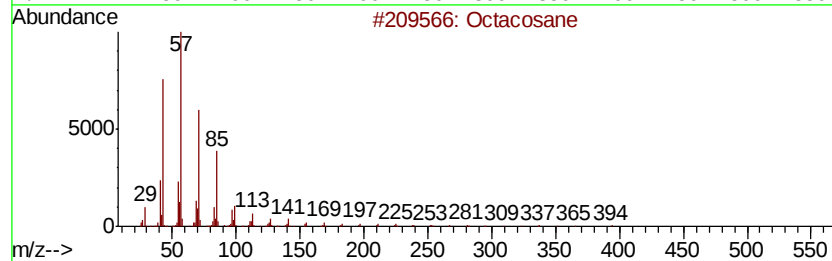
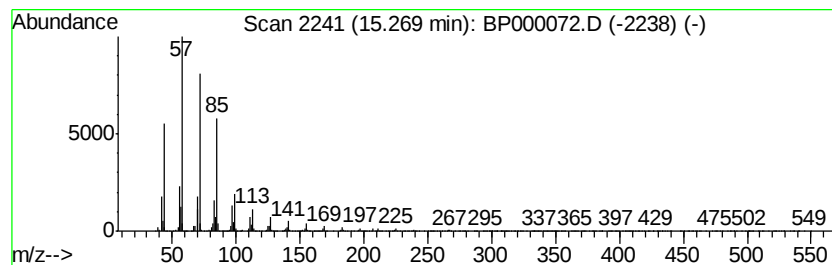
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	4.02 ng	902419	Perylene-d12	15.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	98
2		Heptacosane	380	C27H56	000593-49-7	96
3		Hentriacontane	437	C31H64	000630-04-6	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
 Data File : BP000072.D
 Acq On : 04 Sep 2019 17:29
 Operator : HP/JU
 Sample : K4639-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GW-02

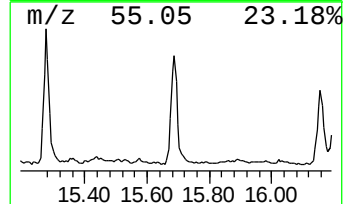
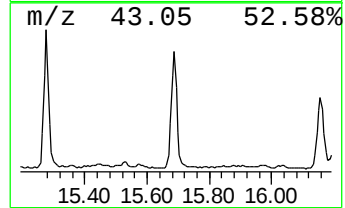
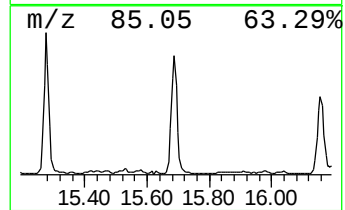
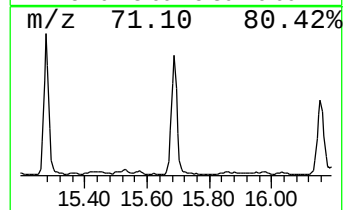
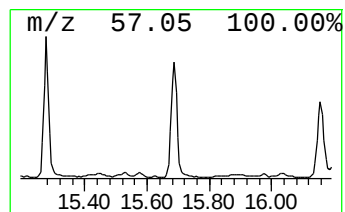
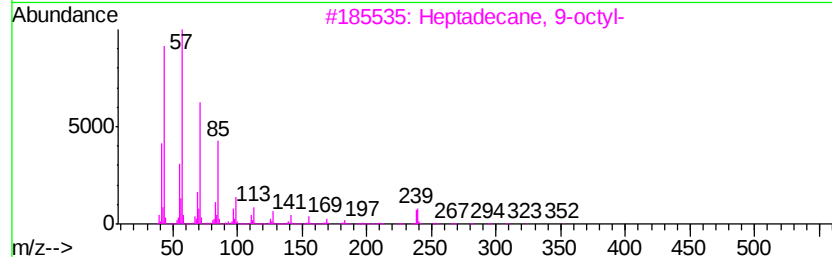
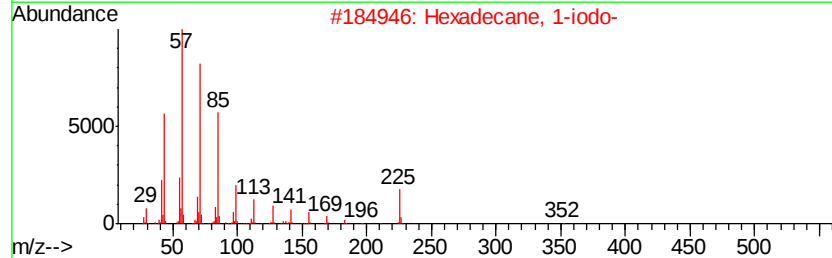
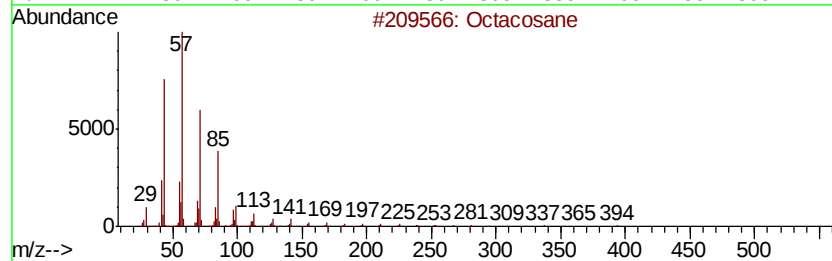
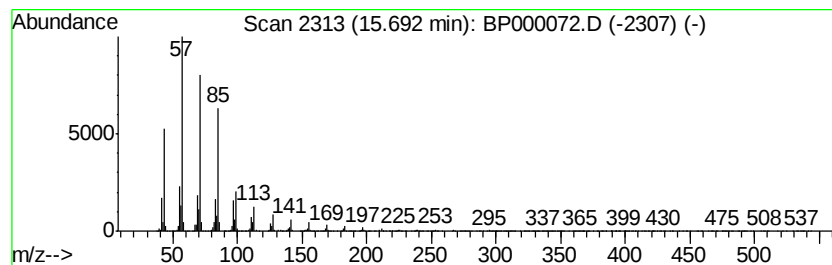
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Hexadecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.90 ng	875785	Perylene-d12	15.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	97
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-02

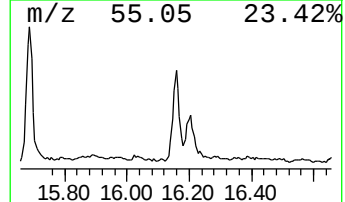
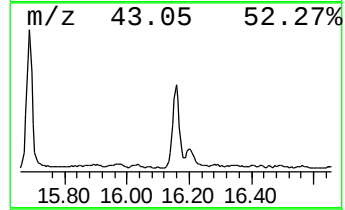
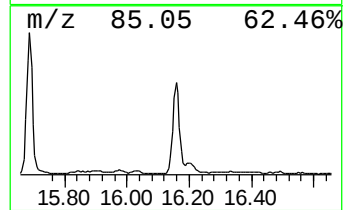
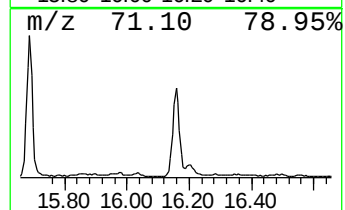
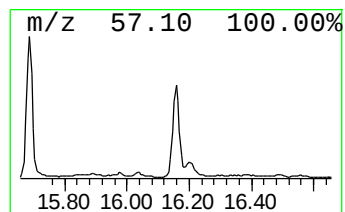
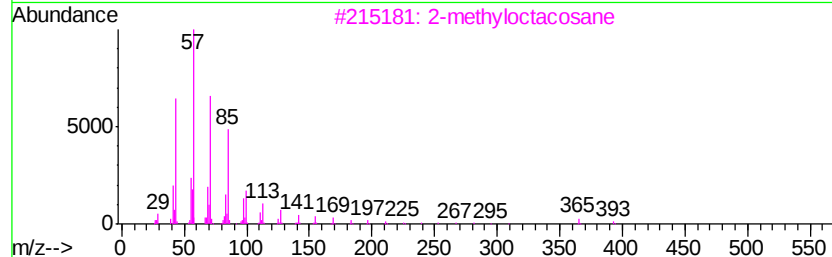
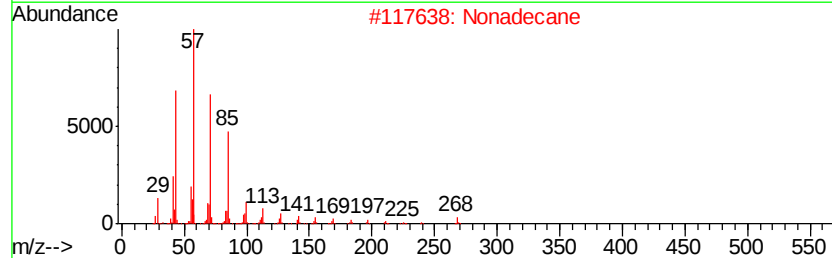
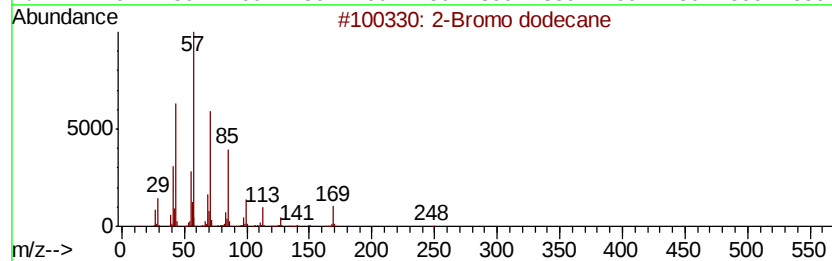
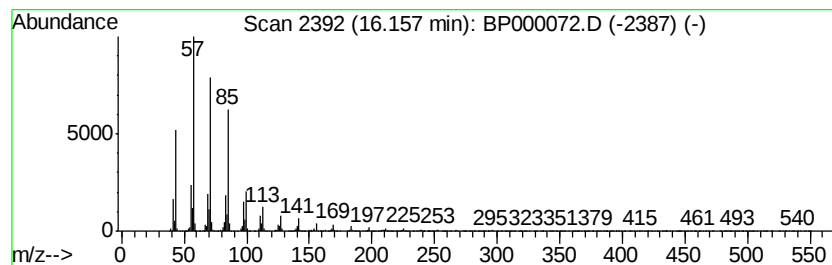
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.77 ng	620459	Perylene-d12	15.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	95
2			Nonadecane	268	C19H40	000629-92-5	93
3			2-methyloctacosane	408	C29H60	1000376-72-8	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090419\
Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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...	2.20	35.2	ng	4851060	1	6.89	2756170	20.0
unknown6.66	6.66	97.6	ng	13444300	1	6.89	2756170	20.0
n-Hexadecanoic acid	11.97	4.4	ng	1025110	4	11.43	4638270	20.0
Octadecanoic acid	12.76	2.5	ng	584252	4	11.43	4638270	20.0
Heptacosyl acetate	13.95	7.9	ng	1772690	5	14.10	4489500	20.0
Docosane, 11-butyl-	14.28	3.4	ng	768475	5	14.10	4489500	20.0
2-Bromo dodecane	14.59	3.6	ng	815315	5	14.10	4489500	20.0
2-methyloctacosane	14.92	4.0	ng	896721	6	15.62	4487920	20.0
Octacosane	15.27	4.0	ng	902419	6	15.62	4487920	20.0
Hexadecane, 1-iodo-	15.69	3.9	ng	875785	6	15.62	4487920	20.0
Nonadecane	16.16	2.8	ng	620459	6	15.62	4487920	20.0