

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001221.D
 Acq On : 05 Dec 2019 19:57
 Operator : JU
 Sample : K6120-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TH-4

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-BP112719.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	5.622	597	601	621	rVB	270586	423329	15.98%	1.762%
2	6.222	696	703	716	rVB	1657908	2116252	79.89%	8.808%
3	7.757	957	964	979	rBV	1715391	2355393	88.92%	9.804%
4	7.951	990	997	1003	rBV	1795866	2190022	82.68%	9.116%
5	8.310	1053	1058	1070	rBV	514541	592969	22.39%	2.468%
6	8.551	1094	1099	1104	rBV	1439754	1691888	63.87%	7.042%
7	9.193	1201	1208	1212	rBV	1214266	1407602	53.14%	5.859%
8	10.345	1399	1404	1411	rBV	640931	711116	26.85%	2.960%
9	12.122	1697	1706	1724	rBV	1900880	2392981	90.34%	9.960%
10	12.586	1780	1785	1791	rBV	23883	33518	1.27%	0.140%
11	12.792	1815	1820	1832	rBV	127446	147427	5.57%	0.614%
12	13.204	1885	1890	1896	rBV	674221	843583	31.85%	3.511%
13	13.416	1920	1926	1941	rBV	339831	439690	16.60%	1.830%
14	14.033	2027	2031	2041	rVB	43383	56172	2.12%	0.234%
15	14.498	2104	2110	2129	rBV	1382072	1752688	66.17%	7.295%
16	15.604	2292	2298	2302	rBV	783187	900824	34.01%	3.749%
17	16.492	2445	2449	2458	rBV2	75909	104337	3.94%	0.434%
18	17.886	2680	2686	2690	rBV	2455906	2648907	100.00%	11.026%
19	18.710	2822	2826	2835	rVB	25972	34034	1.28%	0.142%
20	19.127	2892	2897	2912	rBV3	162316	390861	14.76%	1.627%
21	19.245	2912	2917	2922	rVV	793602	849358	32.06%	3.535%
22	19.539	2963	2967	2976	rBV	79704	83529	3.15%	0.348%
23	19.927	3029	3033	3042	rBV	121964	140549	5.31%	0.585%
24	20.304	3093	3097	3103	rVV	151676	165641	6.25%	0.689%
25	20.386	3107	3111	3118	rVB	33542	38990	1.47%	0.162%
26	20.698	3159	3164	3170	rBV	142804	187688	7.09%	0.781%
27	21.015	3212	3218	3232	rVB	591529	836801	31.59%	3.483%
28	21.139	3234	3239	3248	rVB	126054	183340	6.92%	0.763%
29	21.639	3317	3324	3330	rBV	90934	159266	6.01%	0.663%
30	22.210	3416	3421	3433	rVB	48501	103629	3.91%	0.431%
31	22.880	3529	3535	3543	rBV3	18985	42805	1.62%	0.178%

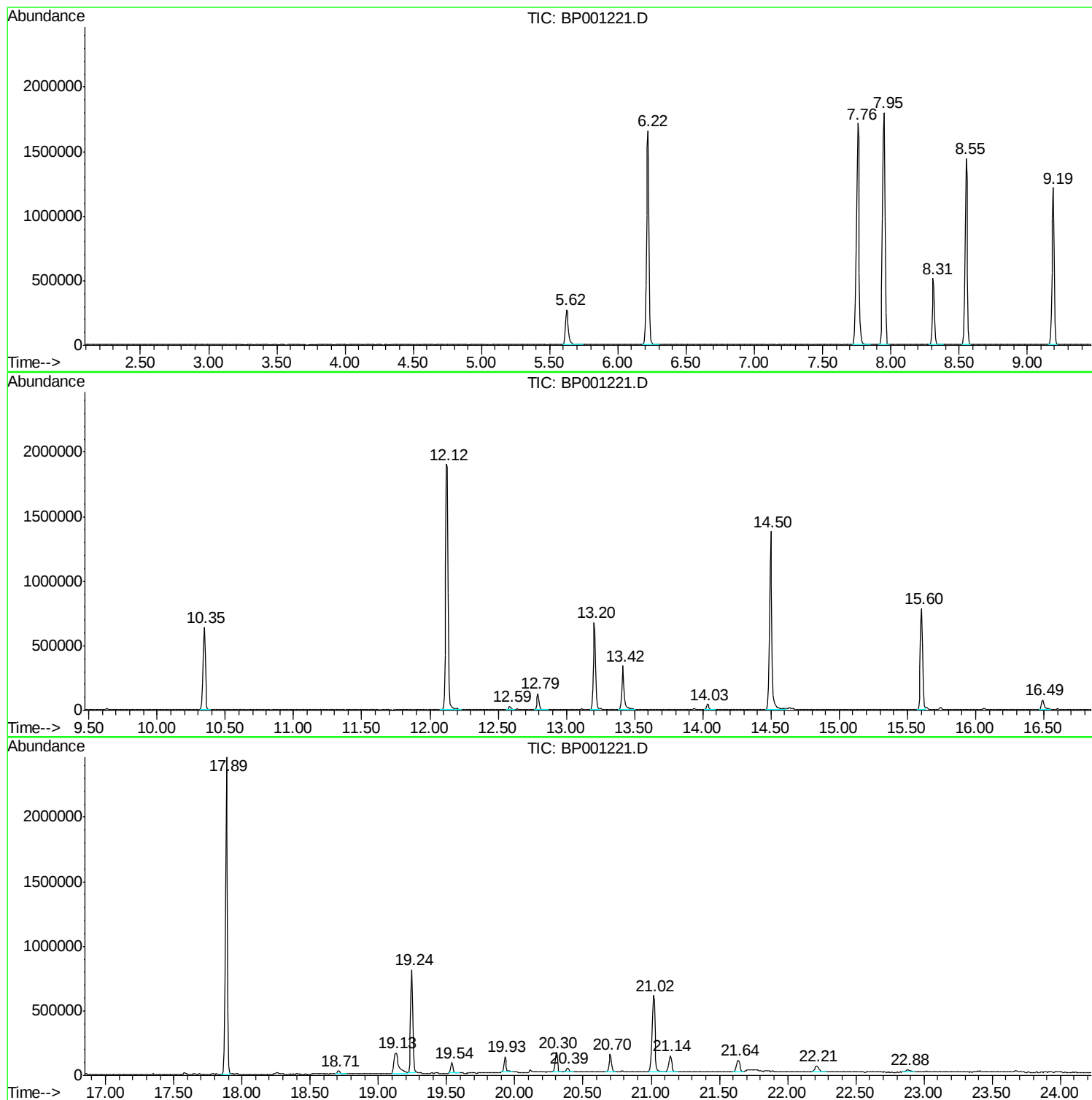
Sum of corrected areas: 24025189

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TH-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.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\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TH-4

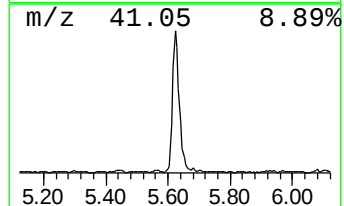
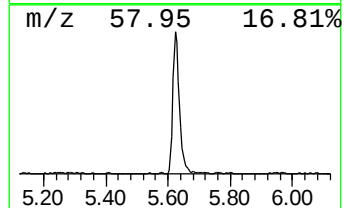
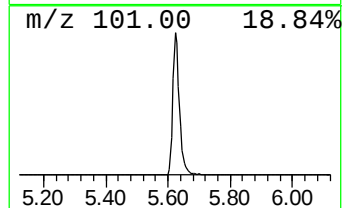
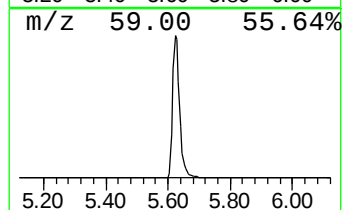
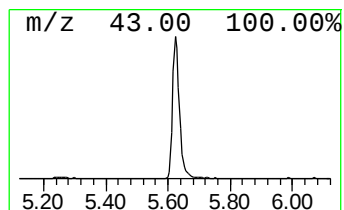
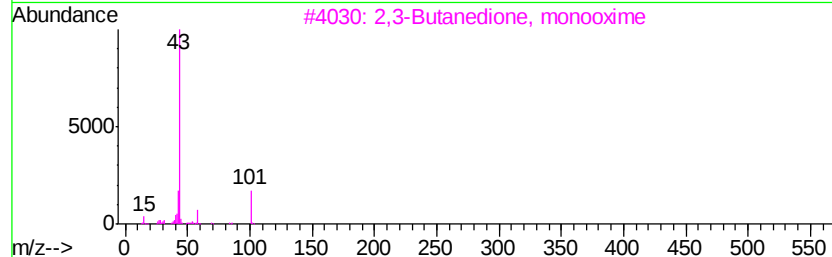
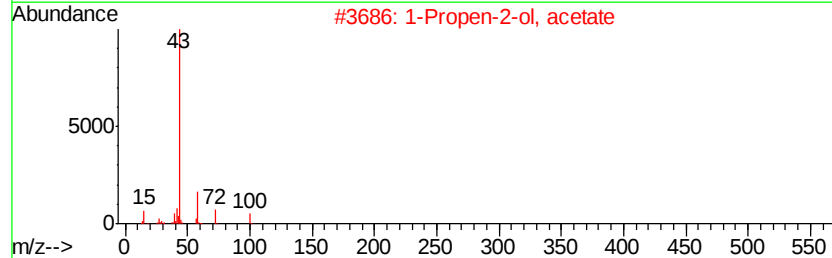
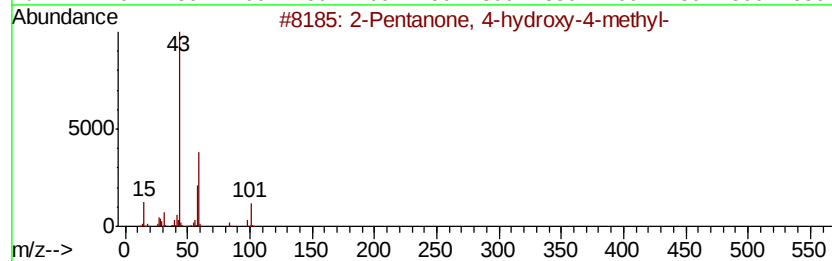
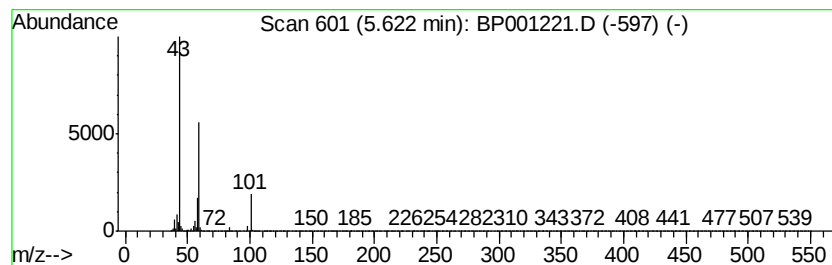
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	14.28 ng	423329	1,4-Dichlorobenzene-d4	8.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5			Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TH-4

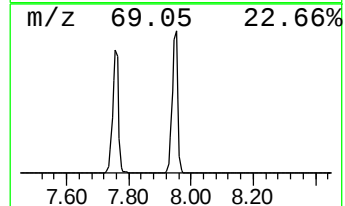
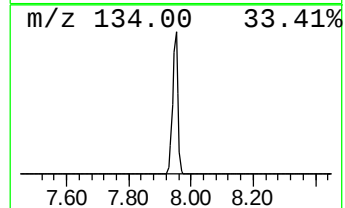
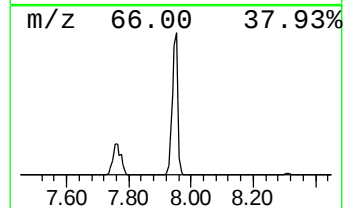
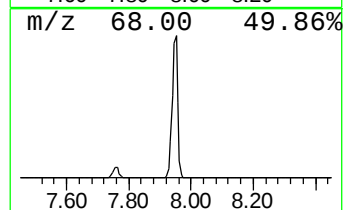
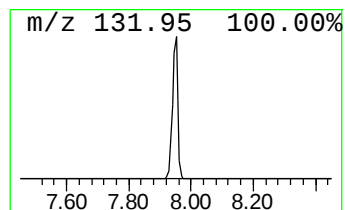
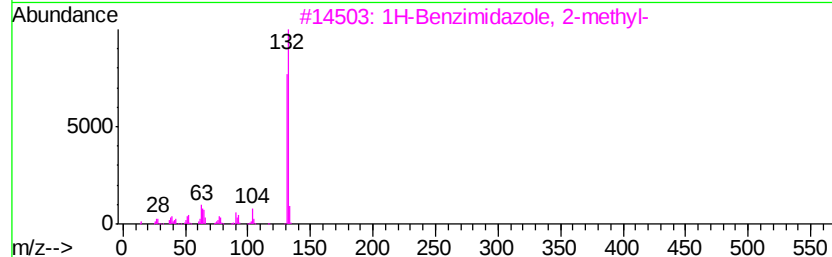
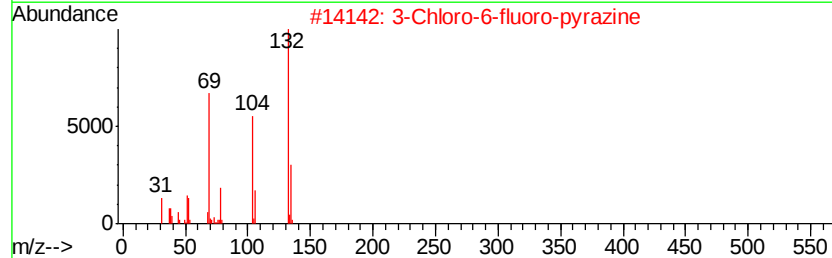
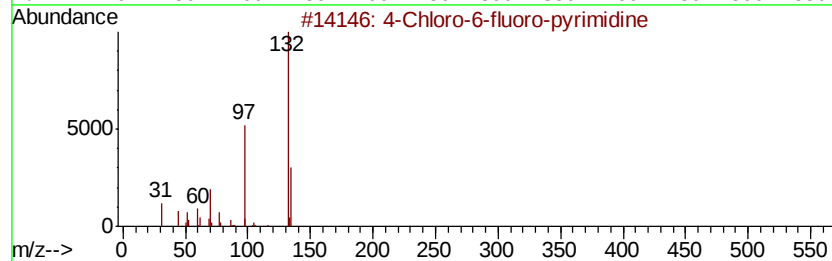
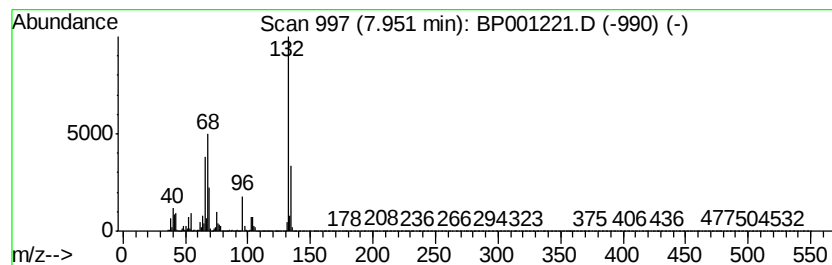
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	73.87 ng	2190020	1,4-Dichlorobenzene-d4	8.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Aminoindole	132	C8H8N2	005192-03-0	22
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TH-4

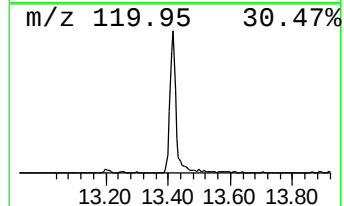
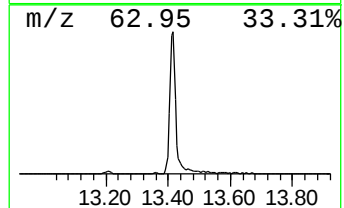
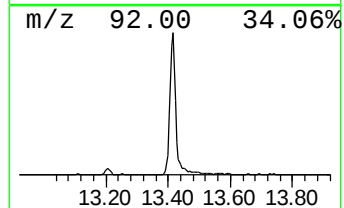
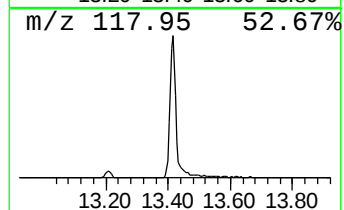
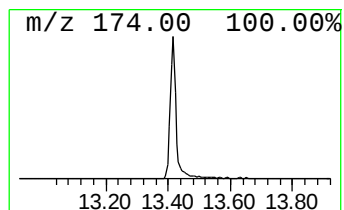
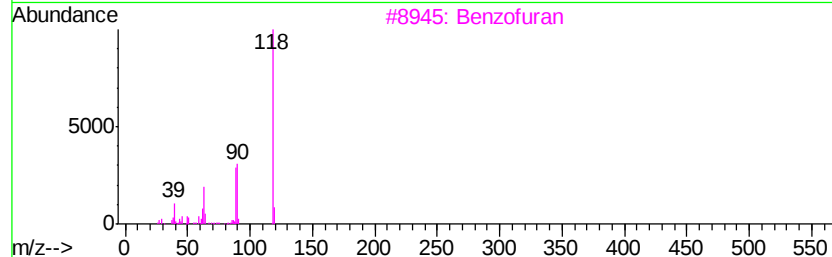
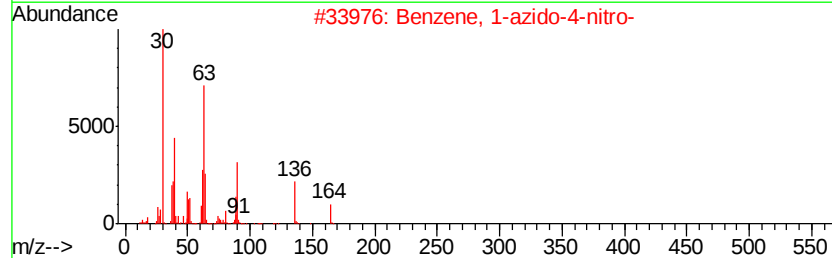
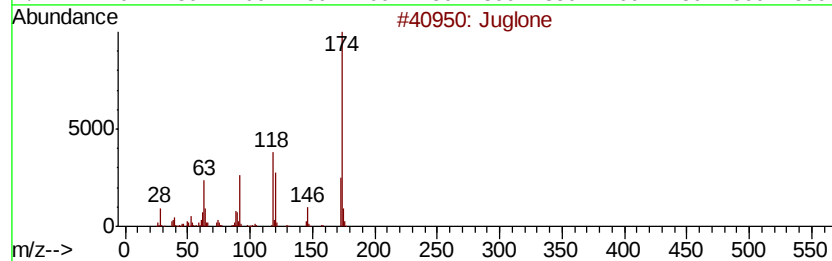
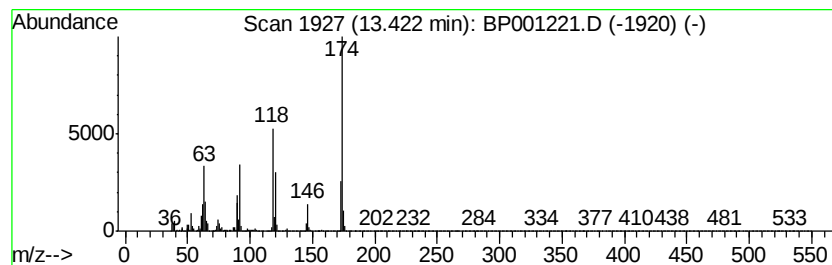
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Juglone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	10.42 ng	439690	Acenaphthene-d10	13.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Juglone	174	C10H6O3	000481-39-0	97
2		Benzene, 1-azido-4-nitro-	164	C6H4N4O2	001516-60-5	25
3		Benzofuran	118	C8H6O	000271-89-6	17
4		Coumarin	146	C9H6O2	000091-64-5	14
5		Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001221.D
 Acq On : 05 Dec 2019 19:57
 Operator : JU
 Sample : K6120-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

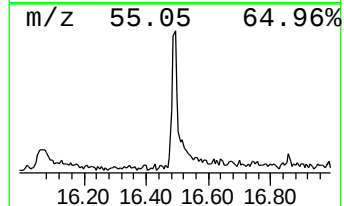
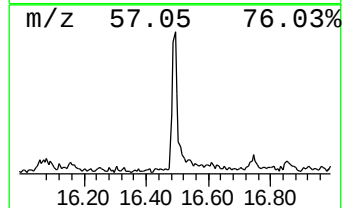
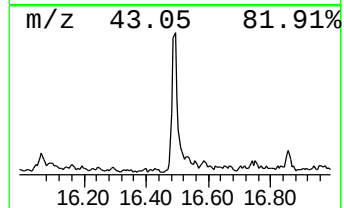
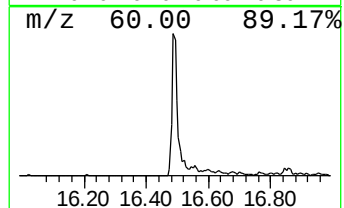
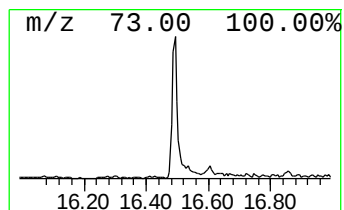
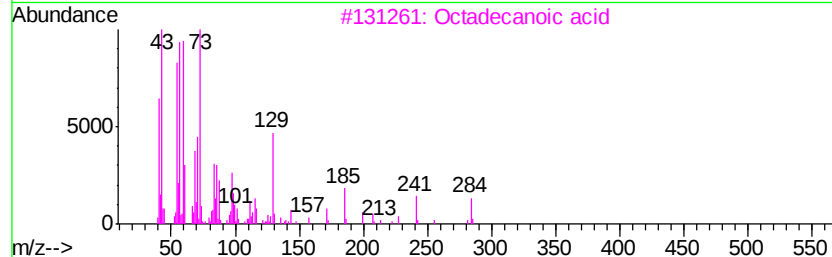
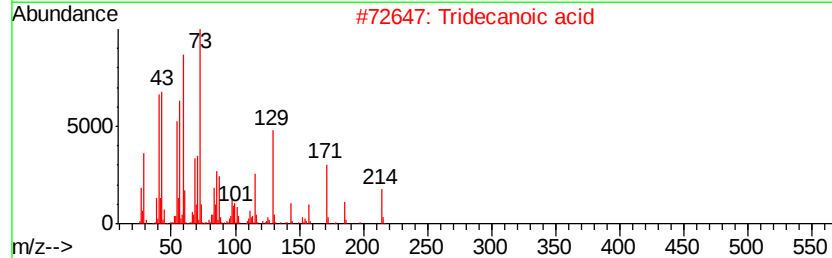
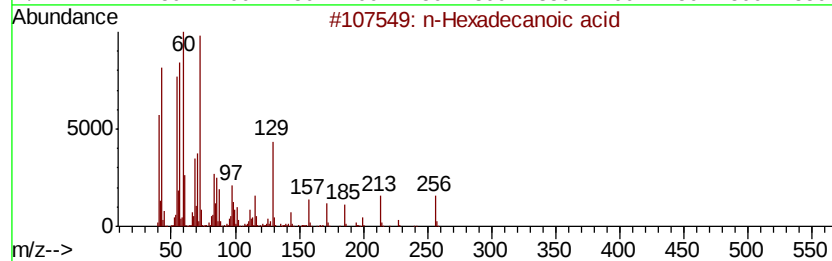
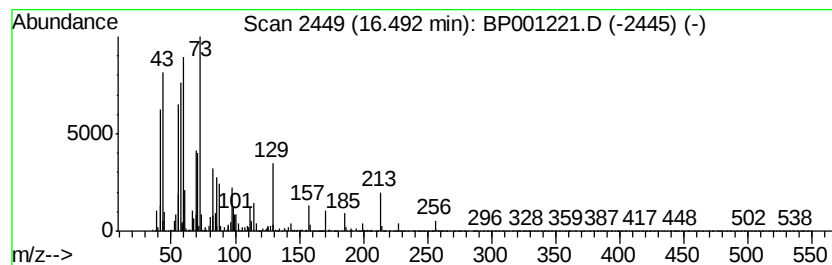
Instrument :
 BNA_P
 ClientSampleId :
 TH-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.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 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.49	2.32 ng	104337	Phenanthrene-d10		15.60
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

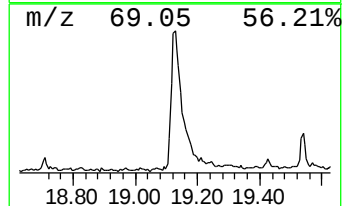
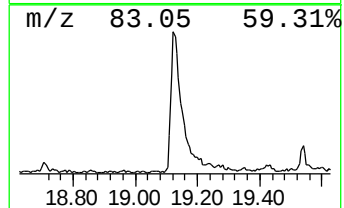
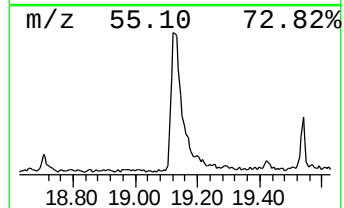
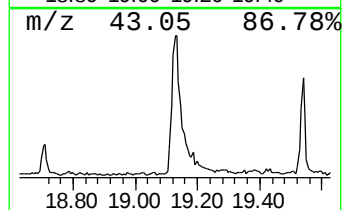
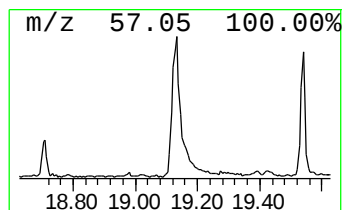
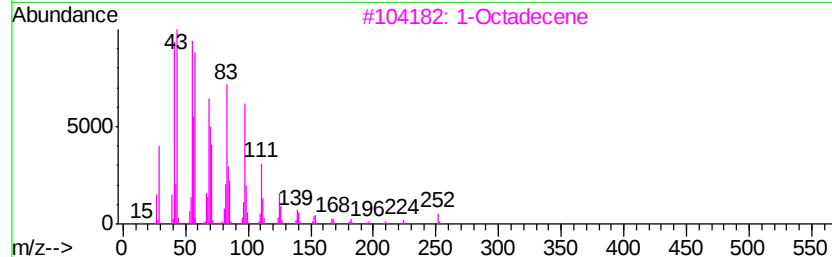
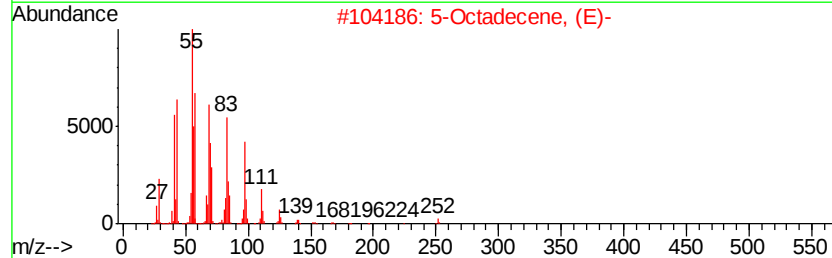
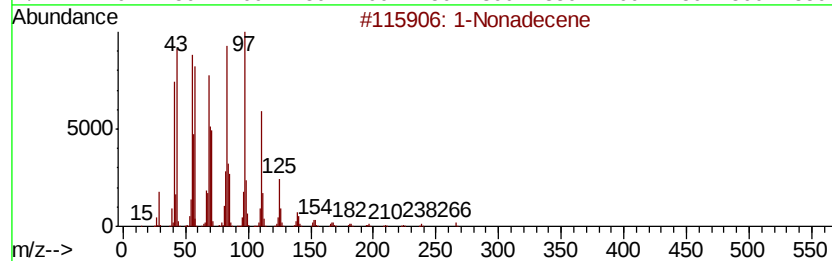
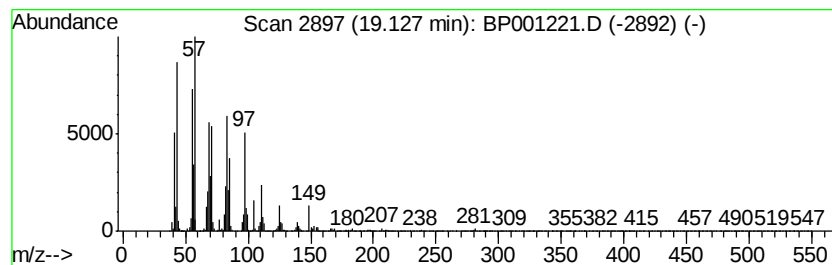
Instrument :
BNA_P
ClientSampleId :
TH-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	9.20 ng	390861	Chrysene-d12	19.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	96
2	5-Octadecene, (E)-	252 C18H36	007206-21-5	93
3	1-Octadecene	252 C18H36	000112-88-9	93
4	Heneicosyl heptafluorobutyrte	508 C25H43F7O2	1000351-83-8	90
5	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TH-4

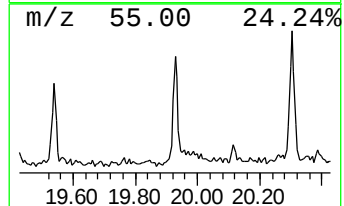
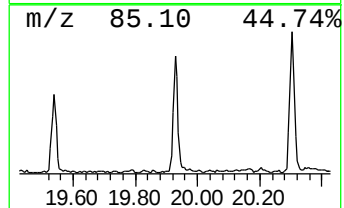
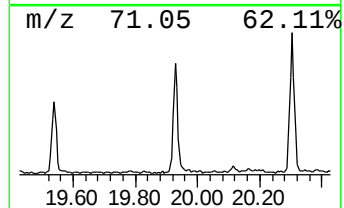
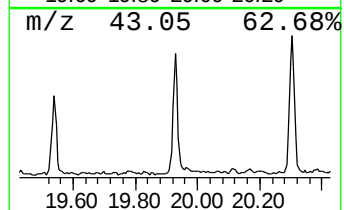
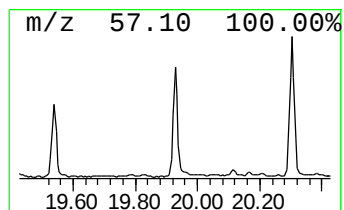
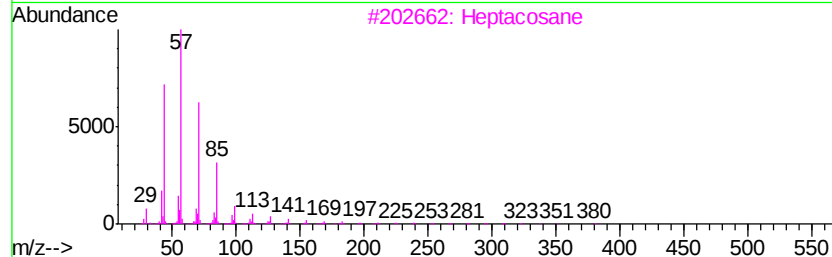
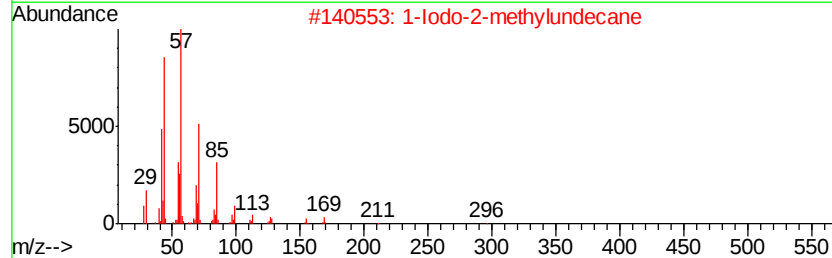
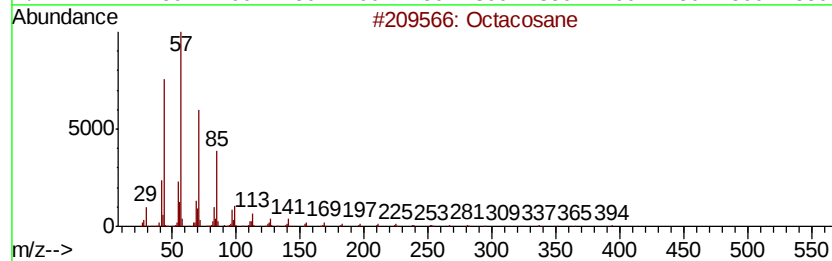
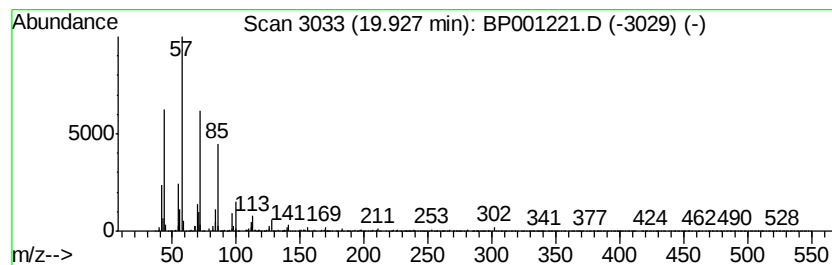
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	3.31 ng	140549	Chrysene-d12	19.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	95
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Eicosane, 9-octyl-	394	C28H58	013475-77-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TH-4

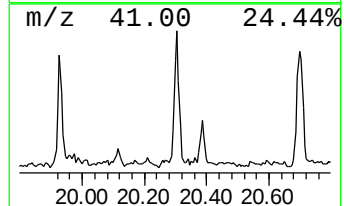
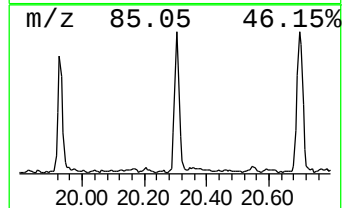
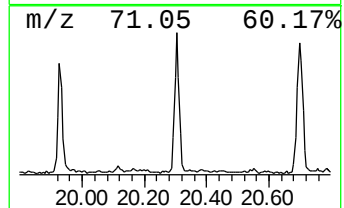
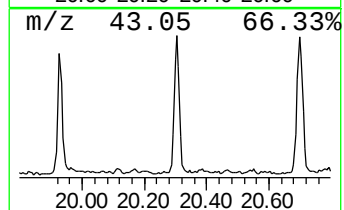
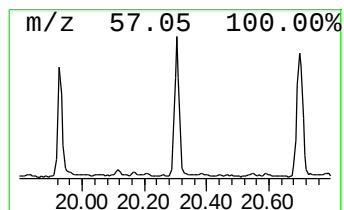
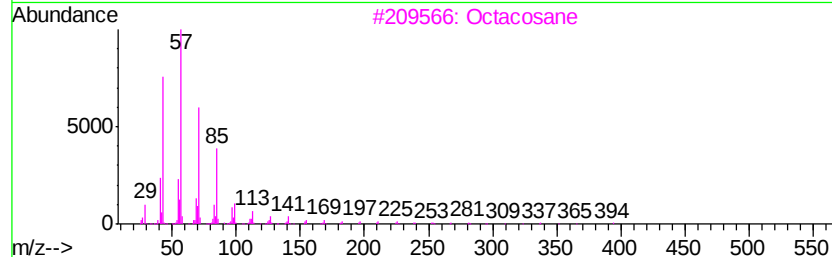
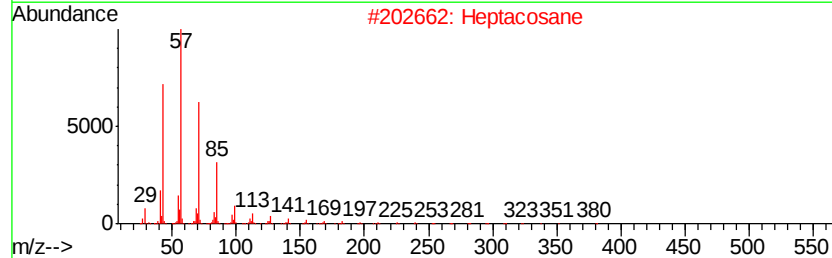
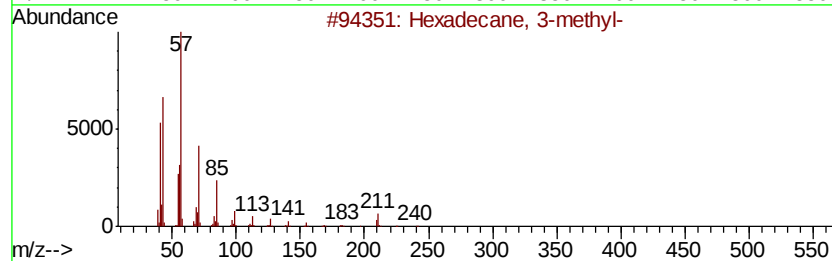
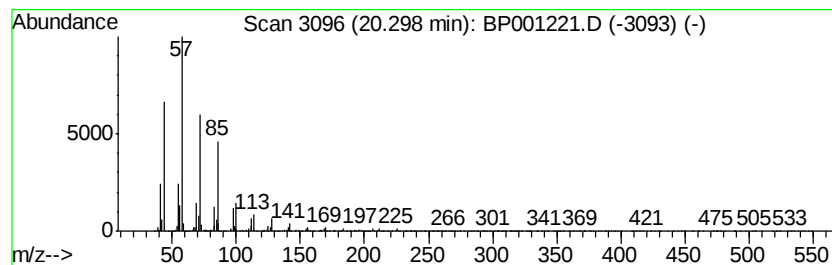
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	3.96 ng	165641	Perylene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	94
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

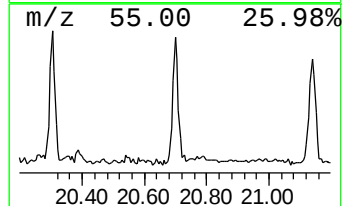
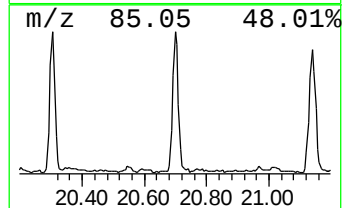
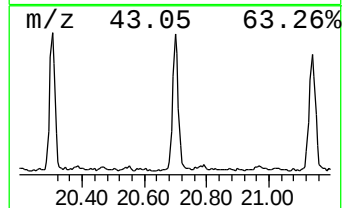
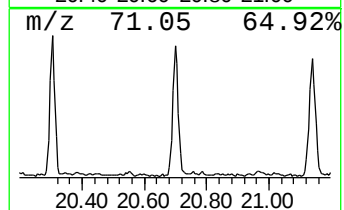
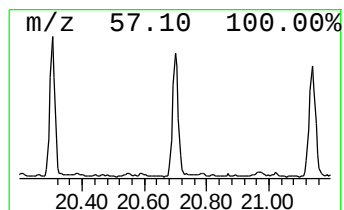
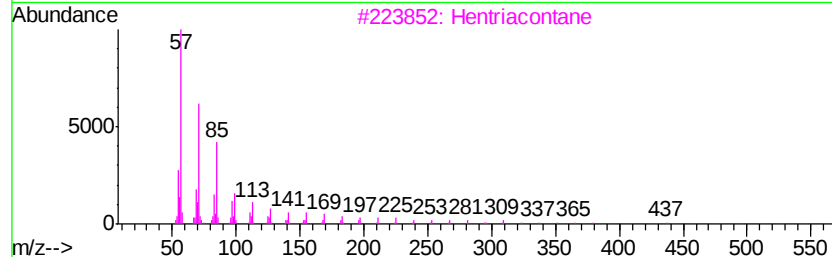
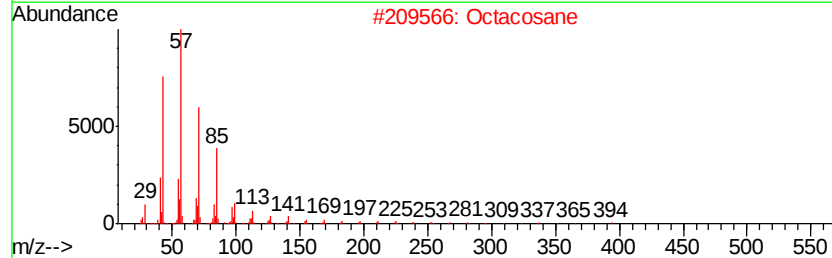
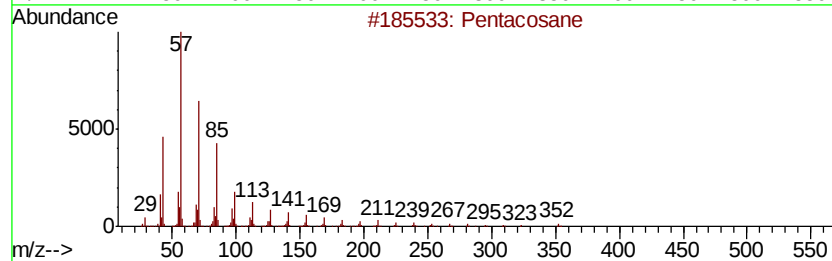
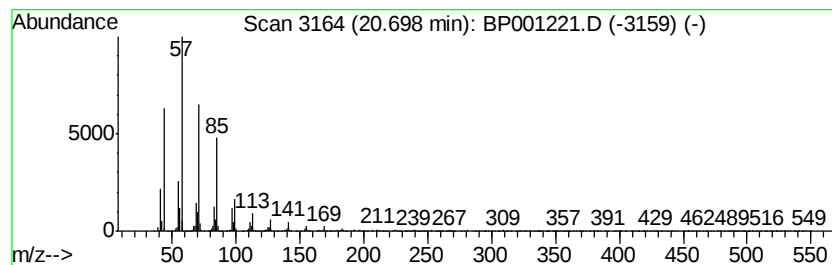
Instrument :
BNA_P
ClientSampleId :
TH-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	4.49 ng	187688	Perylene-d12	21.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentacosane	352 C25H52	000629-99-2	91
2	Octacosane	394 C28H58	000630-02-4	91
3	Hentriacontane	437 C31H64	000630-04-6	91
4	Heptacosane	380 C27H56	000593-49-7	91
5	Heneicosane	296 C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TH-4

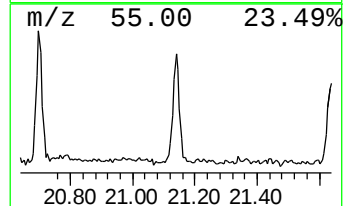
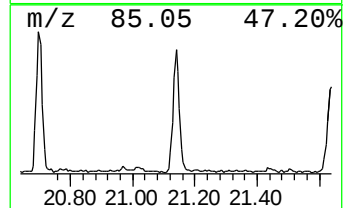
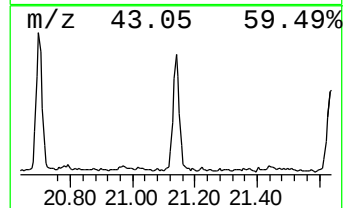
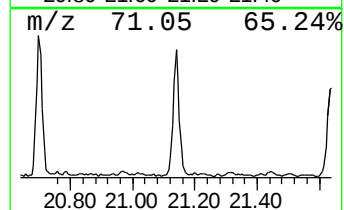
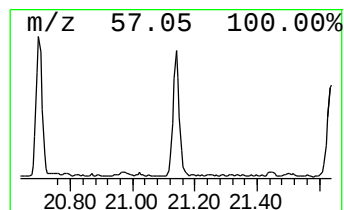
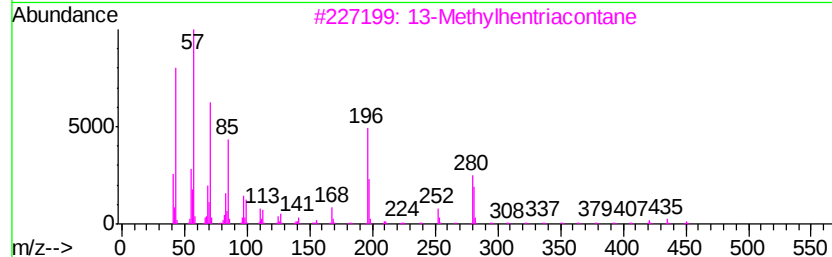
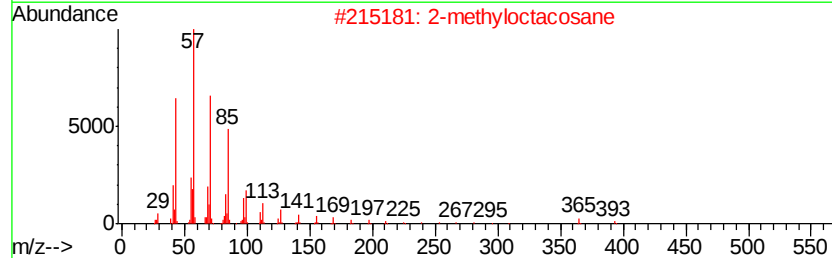
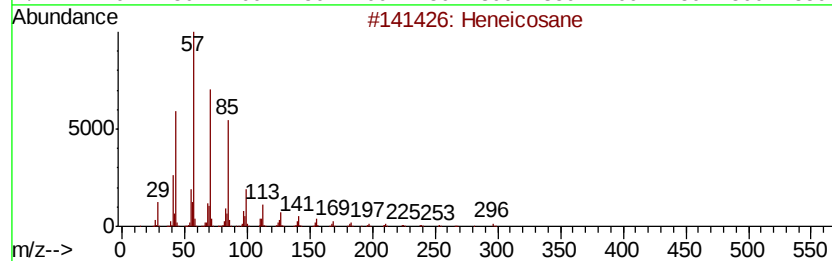
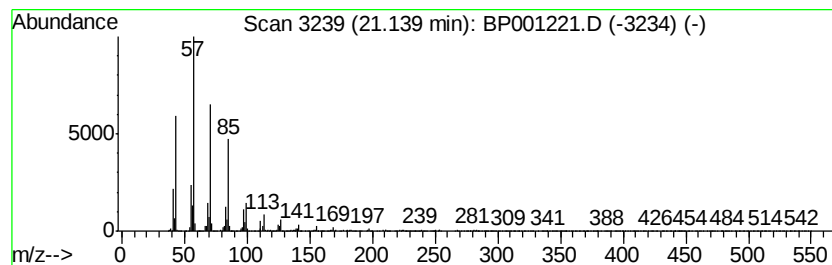
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	4.38 ng	183340	Perylene-d12	21.02

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	13-Methylhentriacontane		451	C32H66	1000131-19-4	91
4	Hexacosane		366	C26H54	000630-01-3	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TH-4

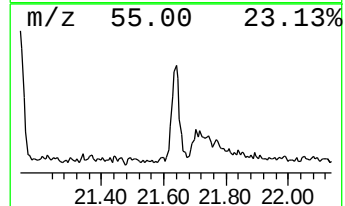
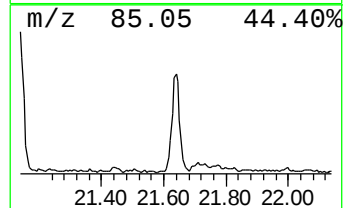
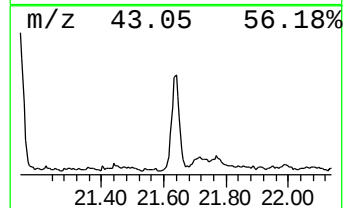
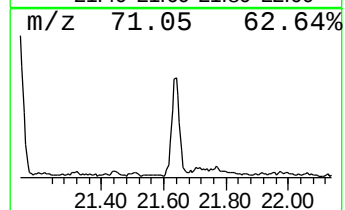
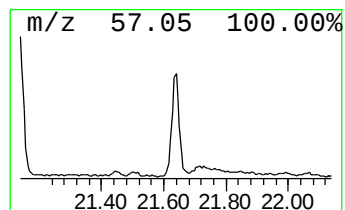
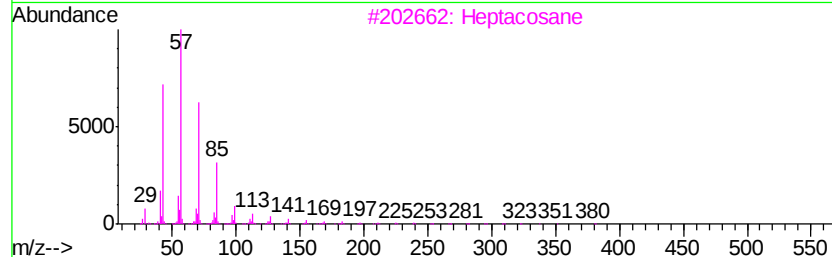
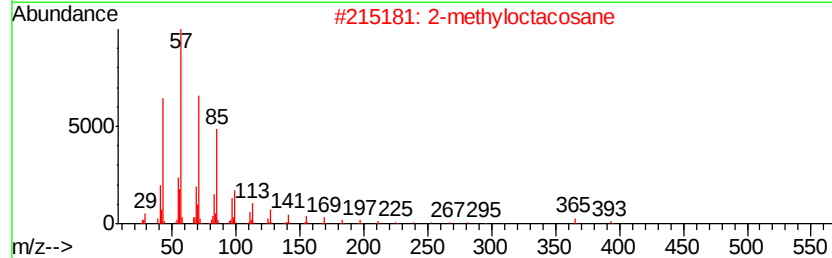
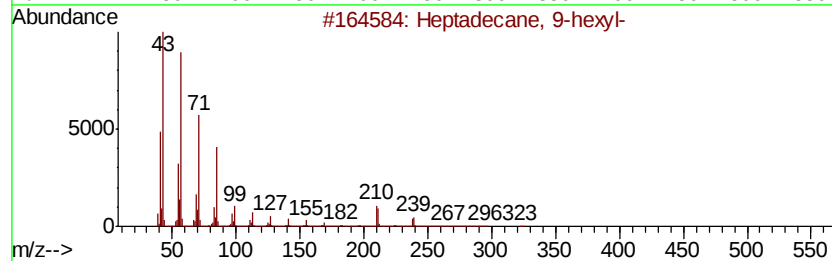
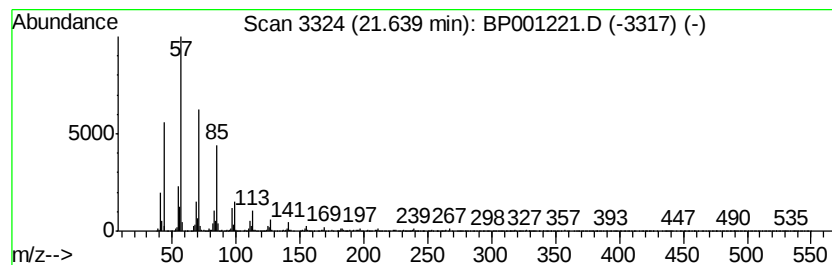
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 9-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	3.81 ng	159266	Perylene-d12	21.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Tridecane, 3-methyl-	198	C14H30	006418-41-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TH-4

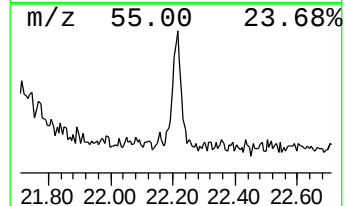
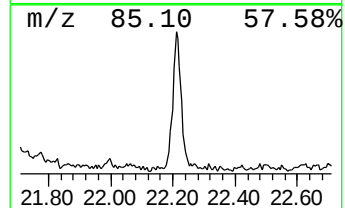
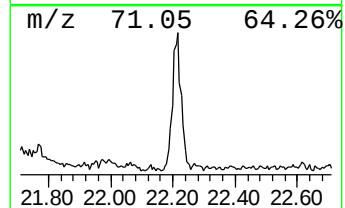
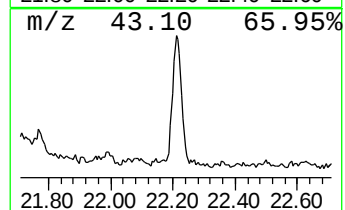
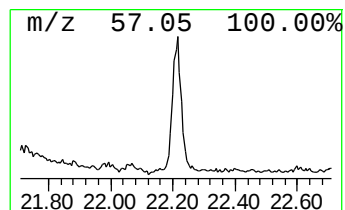
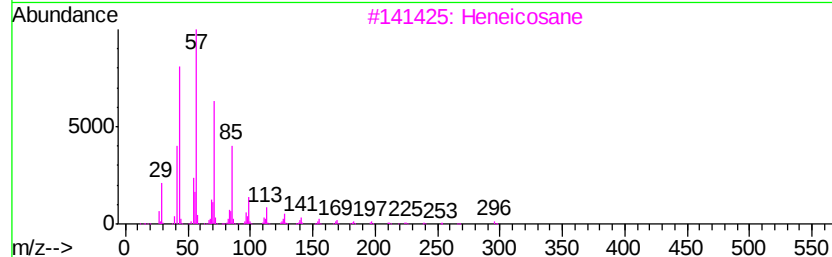
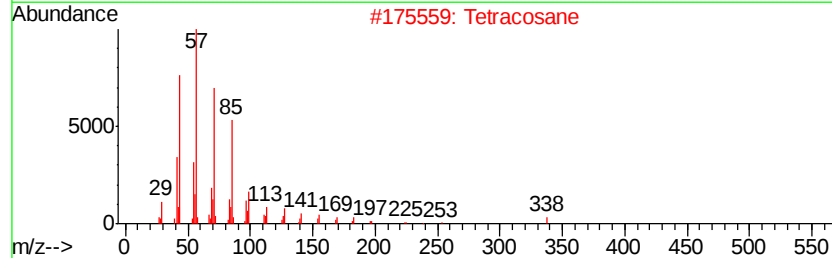
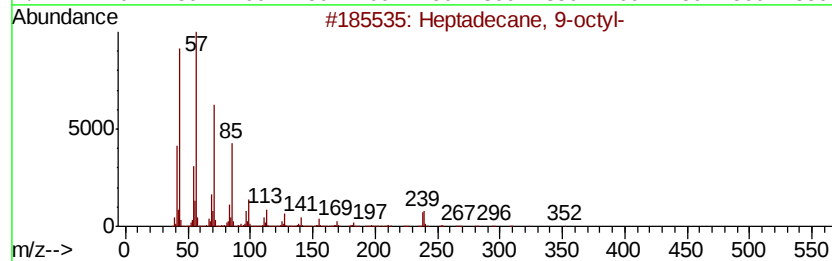
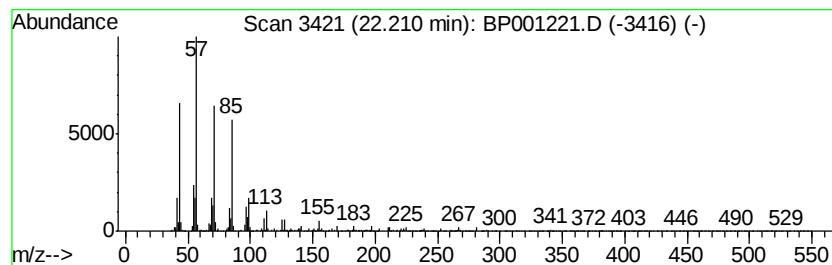
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.48 ng	103629	Perylene-d12	21.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2			Tetracosane	338	C24H50	000646-31-1	93
3			Heneicosane	296	C21H44	000629-94-7	93
4			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120519\
Data File : BP001221.D
Acq On : 05 Dec 2019 19:57
Operator : JU
Sample : K6120-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TH-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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
2-Pentanone, 4-hy...	5.62	14.3	ng	423329	1	8.31	592969	20.0
unknown7.95	7.95	73.9	ng	2190020	1	8.31	592969	20.0
Juglone	13.42	10.4	ng	439690	3	13.20	843583	20.0
n-Hexadecanoic acid	16.49	2.3	ng	104337	4	15.60	900824	20.0
1-Nonadecene	19.13	9.2	ng	390861	5	19.25	849358	20.0
Octacosane	19.93	3.3	ng	140549	5	19.25	849358	20.0
Hexadecane, 3-met...	20.30	4.0	ng	165641	6	21.02	836801	20.0
Pentacosane	20.70	4.5	ng	187688	6	21.02	836801	20.0
Heneicosane	21.14	4.4	ng	183340	6	21.02	836801	20.0
Heptadecane, 9-he...	21.64	3.8	ng	159266	6	21.02	836801	20.0
Tetracosane	22.21	2.5	ng	103629	6	21.02	836801	20.0