

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112532.D
 Acq On : 13 Feb 2019 12:05
 Operator : JU/SJ
 Sample : K1459-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-11-S

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-BF012519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	500	504	513	rBV	64094	88589	3.27%	0.345%
2	5.475	572	576	599	rBV	1606310	1912039	70.64%	7.447%
3	6.487	744	748	765	rBV	1981926	2072082	76.56%	8.070%
4	6.610	765	769	777	rBV	2416907	2188418	80.85%	8.523%
5	6.834	804	807	815	rVB	684027	569821	21.05%	2.219%
6	6.992	830	834	847	rBV	1922970	1696605	62.68%	6.608%
7	7.398	899	903	919	rBV	1400041	1326088	48.99%	5.165%
8	8.116	1021	1025	1042	rBV	819213	748863	27.67%	2.917%
9	9.192	1203	1208	1218	rBV	2836983	2706597	100.00%	10.541%
10	9.586	1271	1275	1284	rBV	165568	166218	6.14%	0.647%
11	9.875	1320	1324	1336	rBV	914575	911251	33.67%	3.549%
12	10.669	1455	1459	1473	rBV	1695565	1713184	63.30%	6.672%
13	11.363	1573	1577	1586	rBV	1067794	947801	35.02%	3.691%
14	11.880	1661	1665	1680	rBV	419698	574794	21.24%	2.239%
15	12.580	1780	1784	1793	rBV	104165	161690	5.97%	0.630%
16	12.669	1793	1799	1809	rVV	620500	781971	28.89%	3.045%
17	12.751	1811	1813	1817	rVV4	41323	58463	2.16%	0.228%
18	12.810	1820	1823	1830	rVB	88398	113426	4.19%	0.442%
19	12.945	1841	1846	1849	rBV	2900123	2581935	95.39%	10.056%
20	13.163	1878	1883	1886	rVB6	23552	35001	1.29%	0.136%
21	13.504	1936	1941	1946	rBV3	44153	66240	2.45%	0.258%
22	13.833	1993	1997	2009	rBV	289604	385505	14.24%	1.501%
23	14.010	2023	2027	2035	rBV	693315	727434	26.88%	2.833%
24	14.151	2047	2051	2054	rBV	113014	114309	4.22%	0.445%
25	14.451	2099	2102	2110	rBV	223365	262396	9.69%	1.022%
26	14.757	2150	2154	2158	rVB	416463	418460	15.46%	1.630%
27	14.904	2176	2179	2184	rBV6	40555	53172	1.96%	0.207%
28	15.092	2206	2211	2215	rVB	560508	625661	23.12%	2.437%
29	15.468	2270	2275	2277	rBV	554562	769632	28.44%	2.997%
30	15.898	2343	2348	2353	rVB	362652	539377	19.93%	2.101%
31	16.398	2428	2433	2446	rVB2	180043	359723	13.29%	1.401%

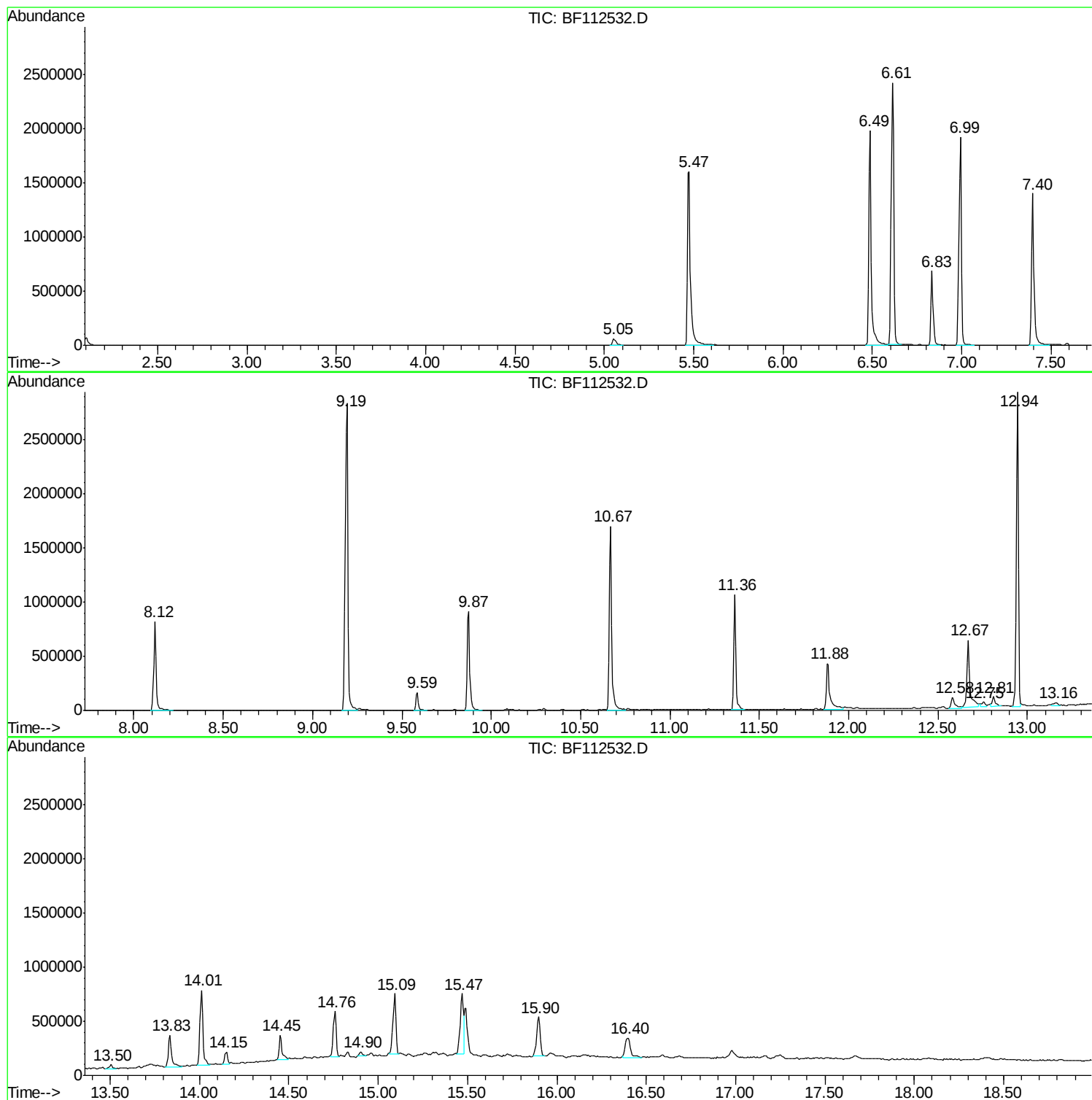
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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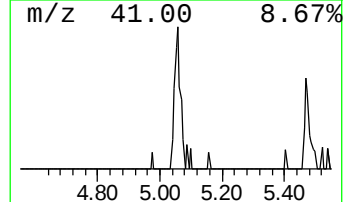
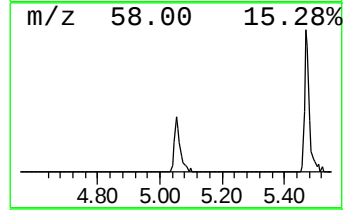
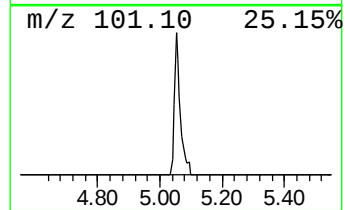
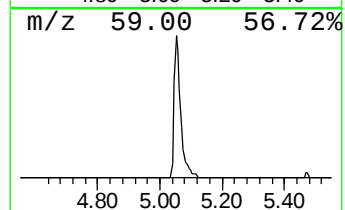
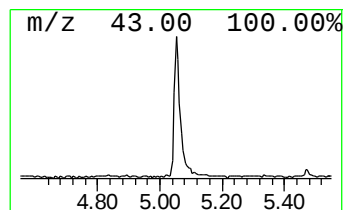
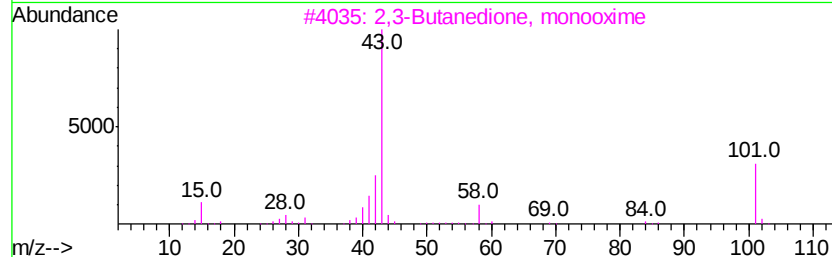
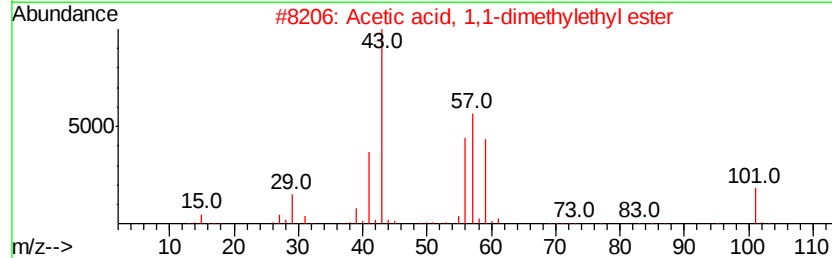
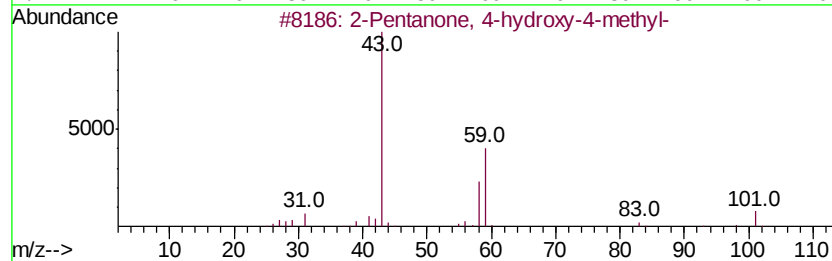
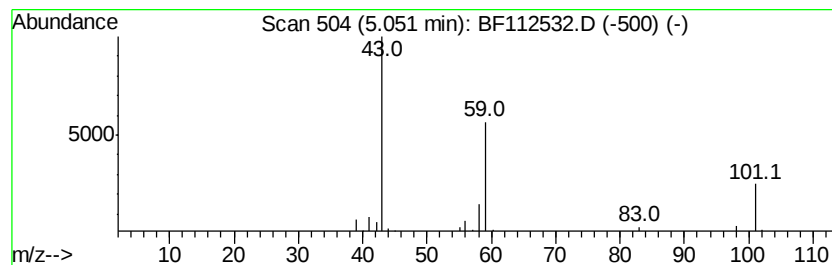
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.11 ng	88589	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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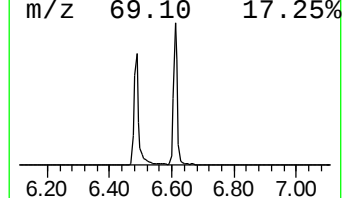
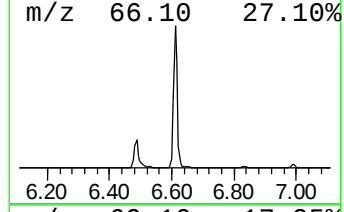
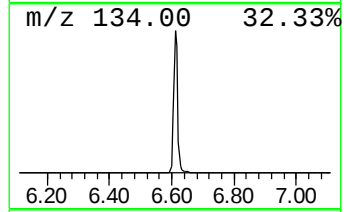
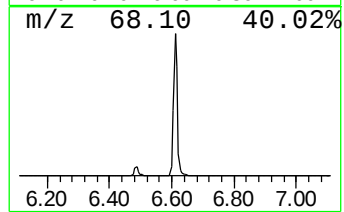
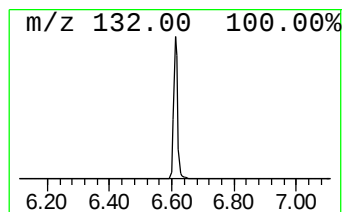
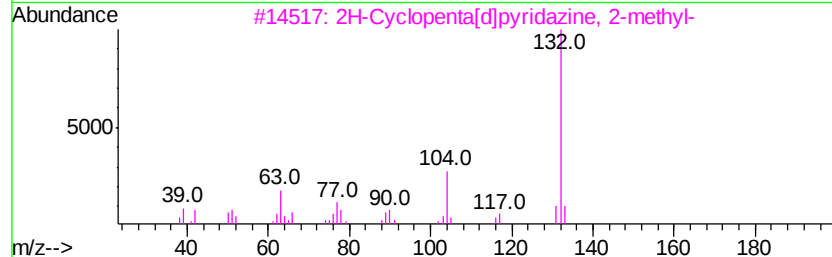
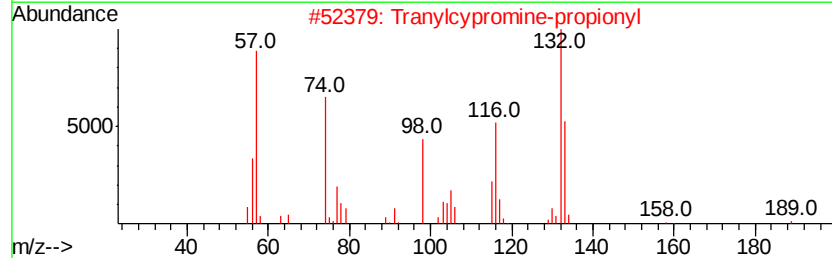
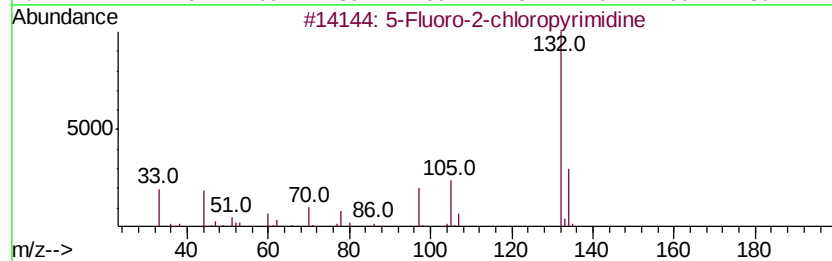
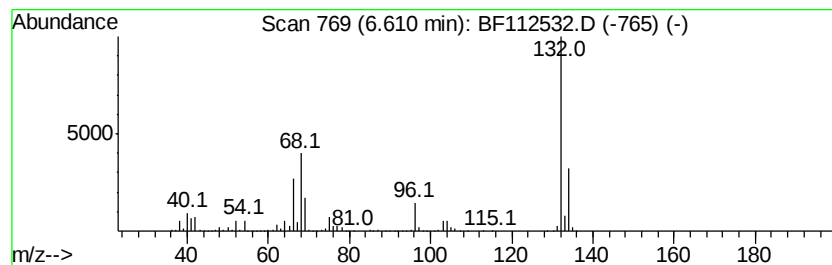
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Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	76.81 ng	2188420	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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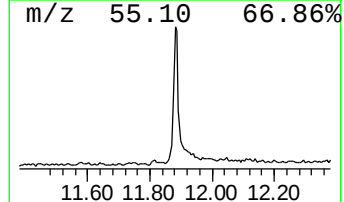
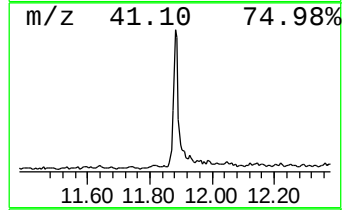
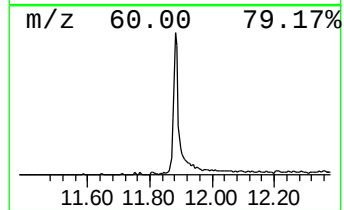
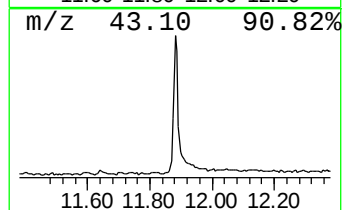
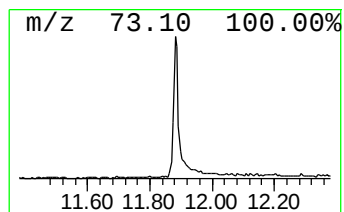
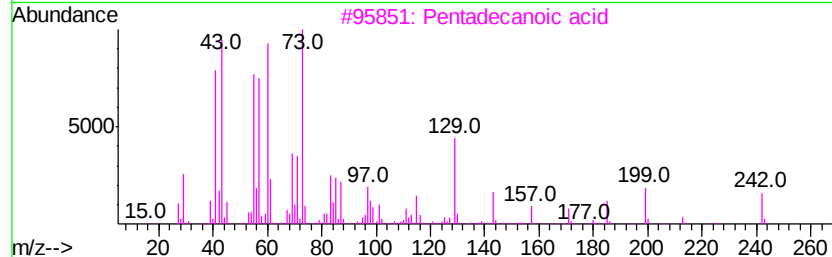
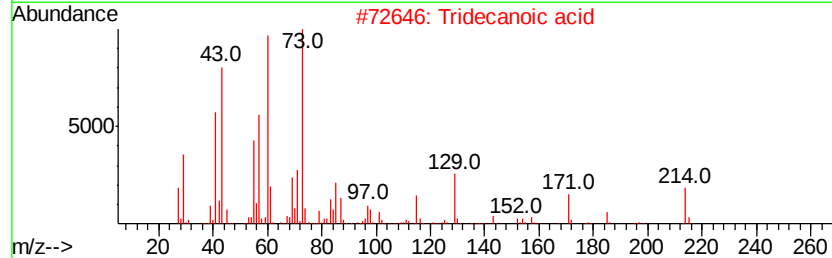
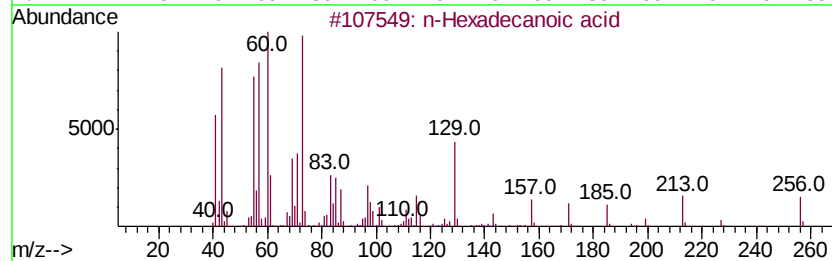
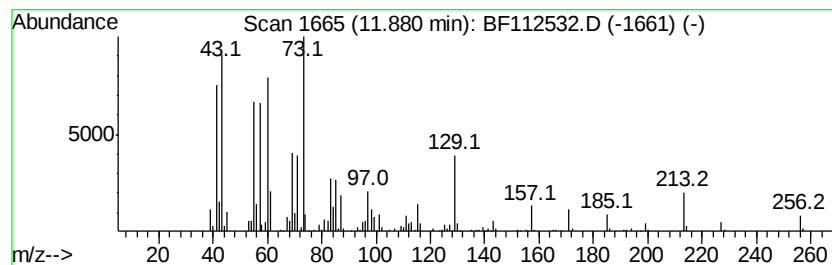
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	12.13 ng	574794	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Dodecanoic acid	200	C12H24O2	000143-07-7	62
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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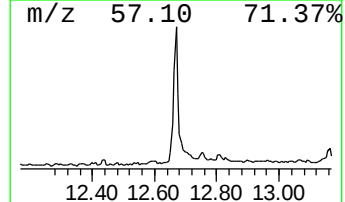
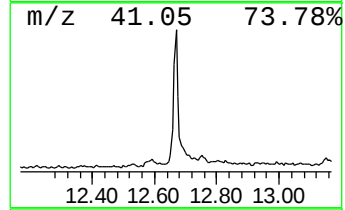
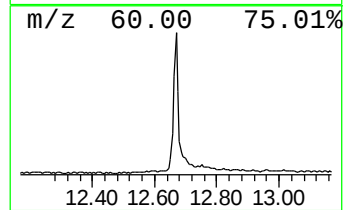
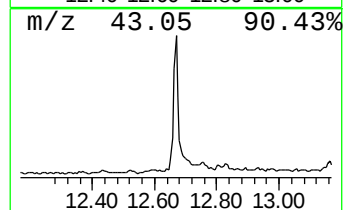
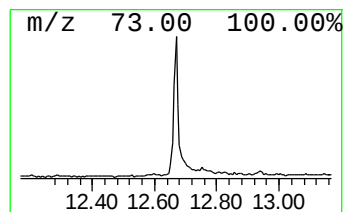
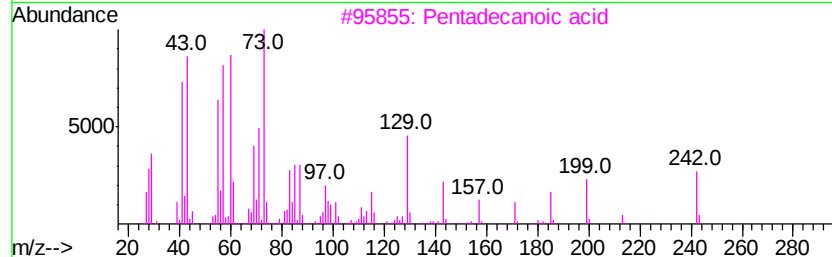
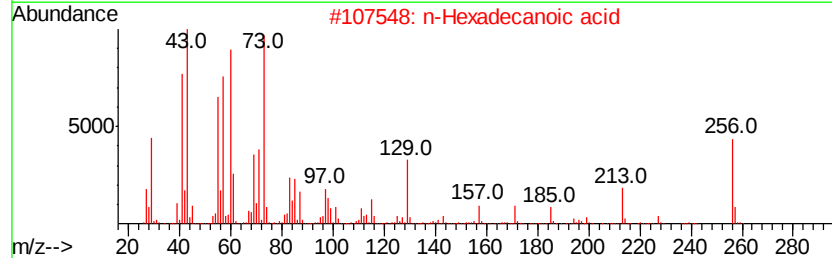
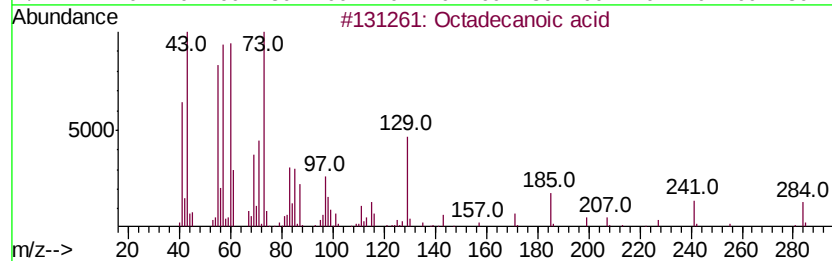
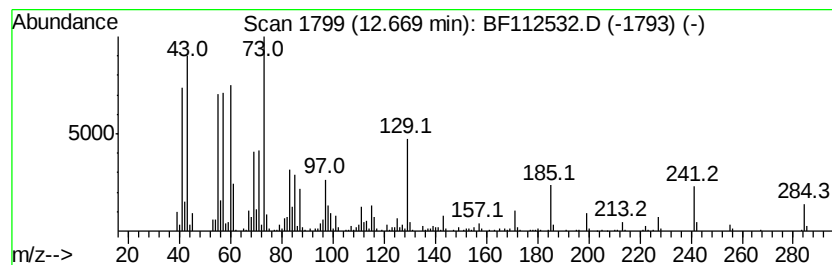
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Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	16.50 ng	781971	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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74



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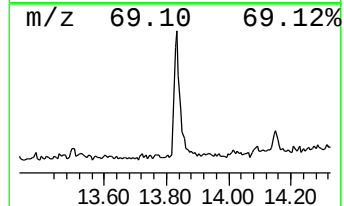
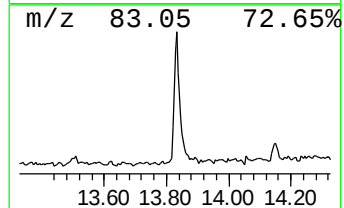
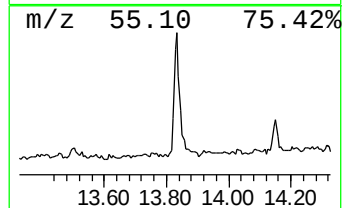
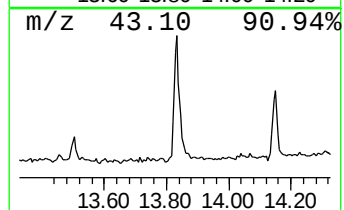
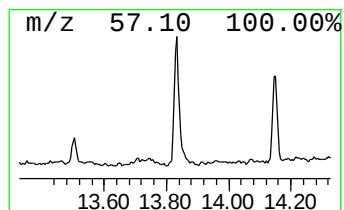
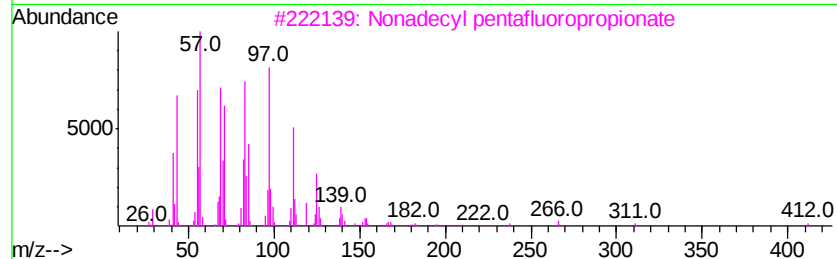
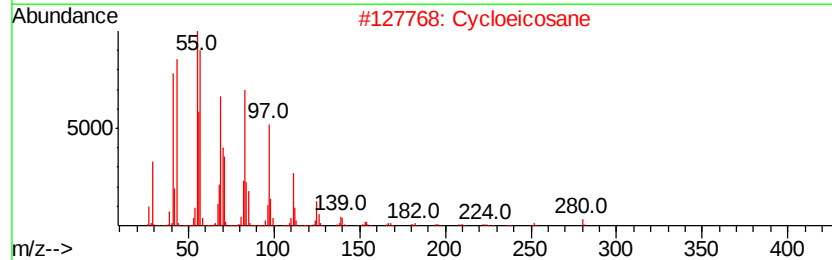
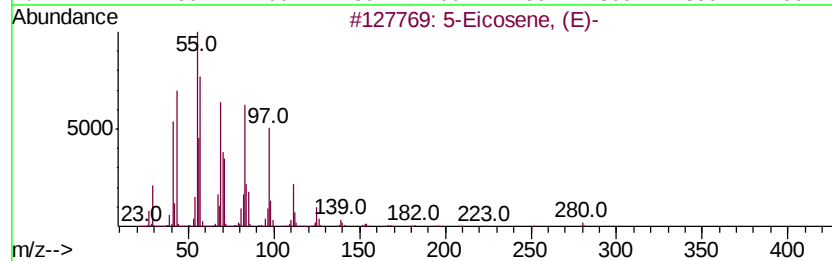
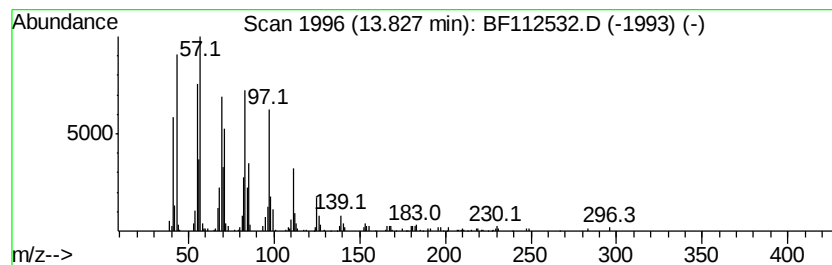
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Peak Number 8 5-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	10.60 ng	385505	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2		Cycloeicosane	280	C20H40	000296-56-0	95
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	95
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



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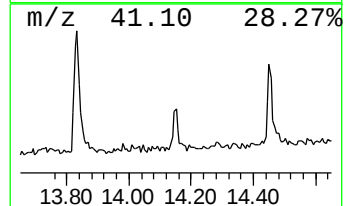
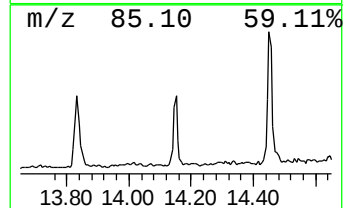
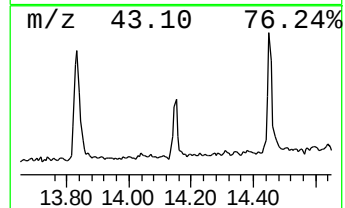
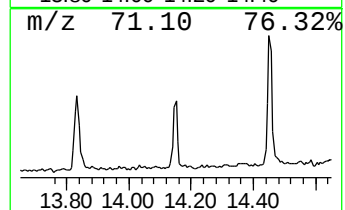
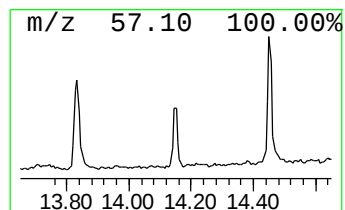
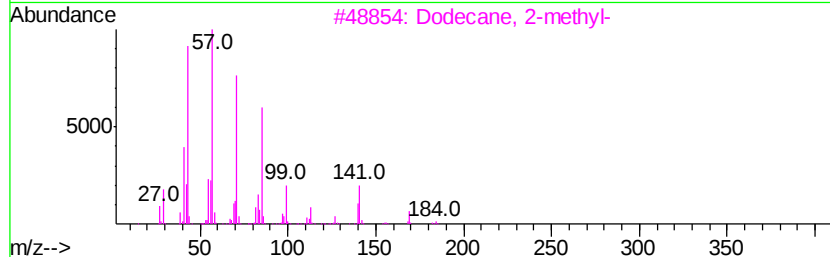
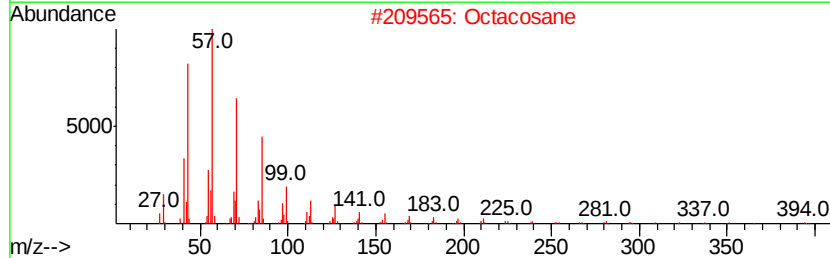
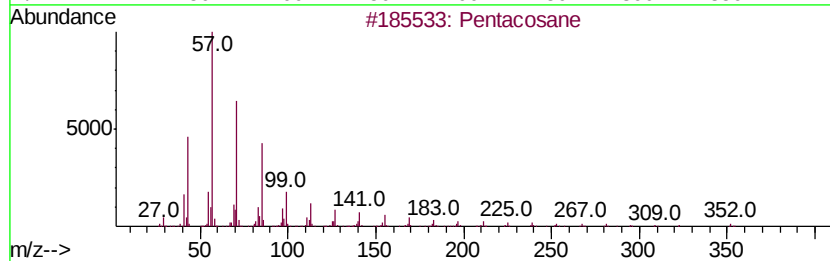
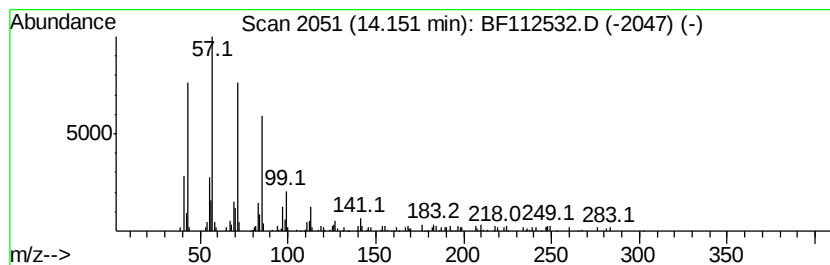
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ClientSampleId :
M-11-S

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

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

Peak Number 9 Pentacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	3.14 ng	114309	Chrysene-d12	14.01
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	Dodecane, 2-methyl-	184 C13H28	001560-97-0	90
4	Heptadecane	240 C17H36	000629-78-7	87
5	Hexacosane	366 C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112532.D
Acq On : 13 Feb 2019 12:05
Operator : JU/SJ
Sample : K1459-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-11-S

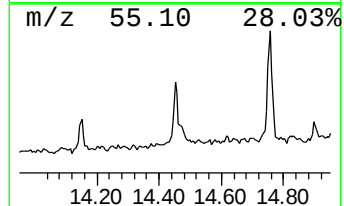
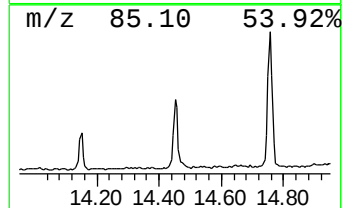
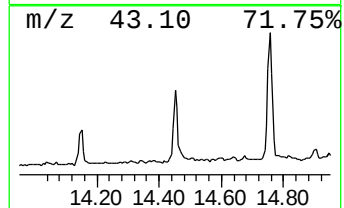
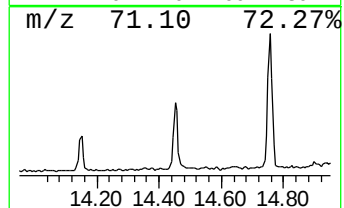
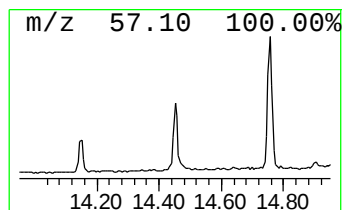
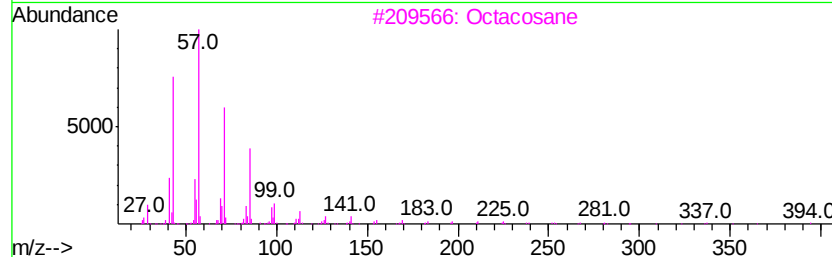
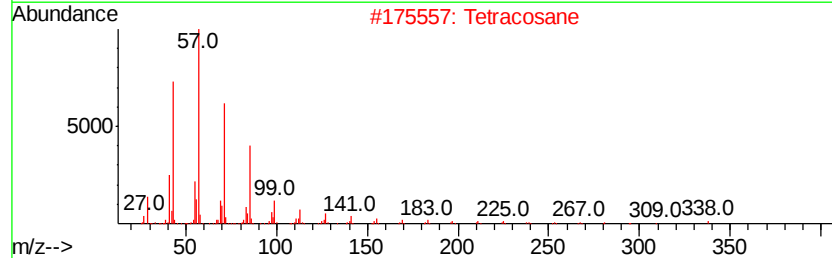
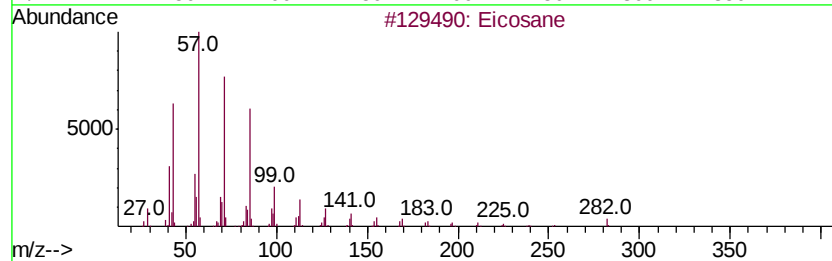
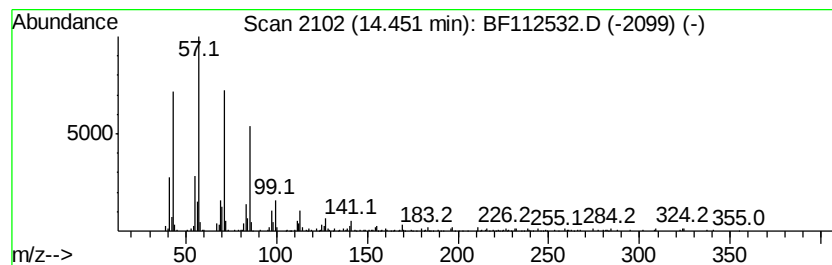
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	7.21 ng	262396	Chrysene-d12	14.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Tetracosane	338	C24H50	000646-31-1	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112532.D
Acq On : 13 Feb 2019 12:05
Operator : JU/SJ
Sample : K1459-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-11-S

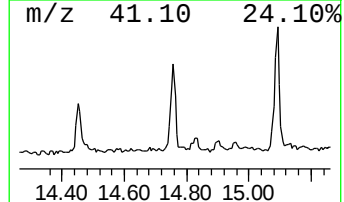
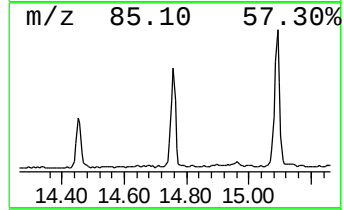
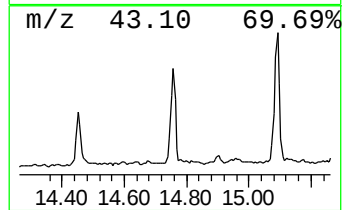
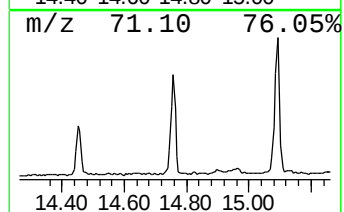
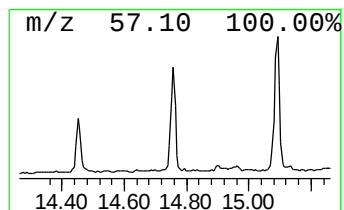
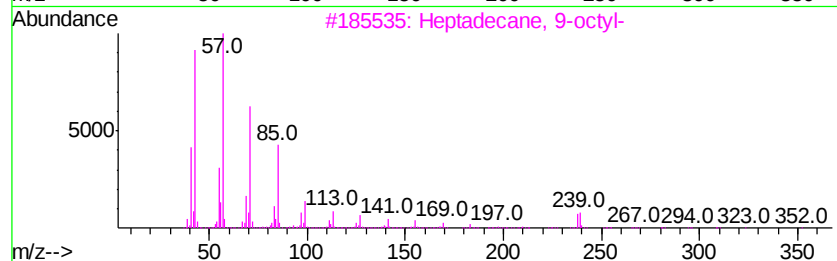
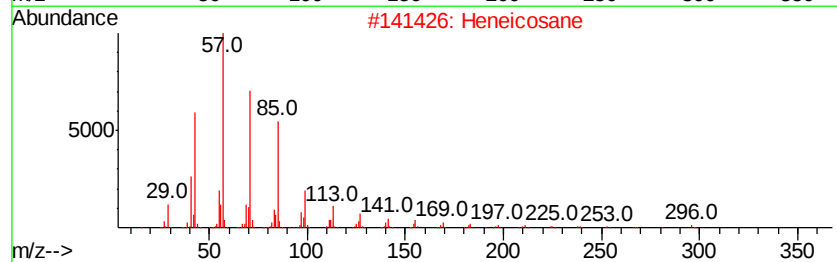
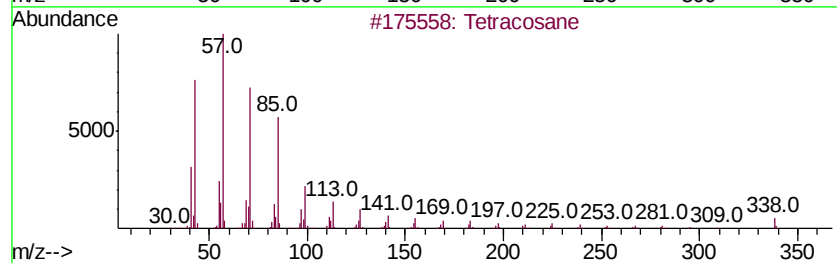
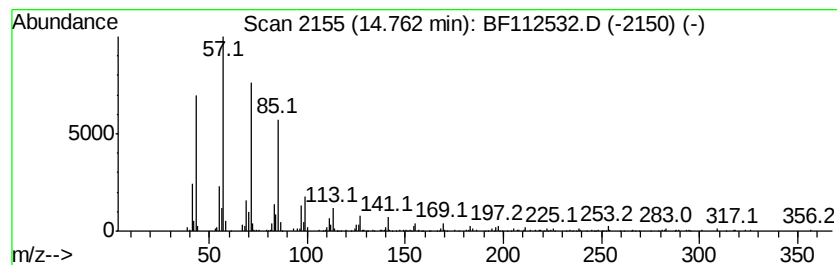
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	10.87 ng	418460	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Heneicosane	296	C21H44	000629-94-7	97
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112532.D
Acq On : 13 Feb 2019 12:05
Operator : JU/SJ
Sample : K1459-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

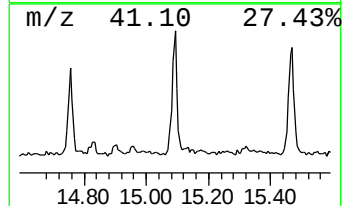
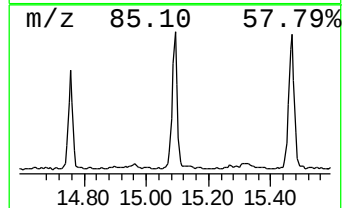
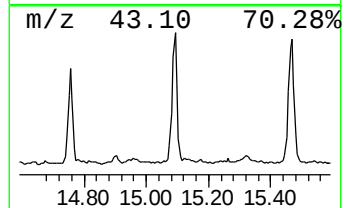
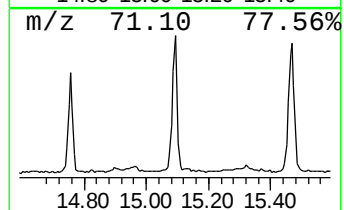
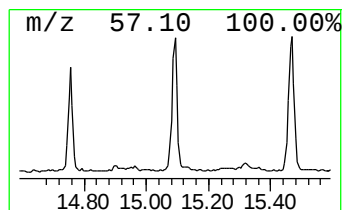
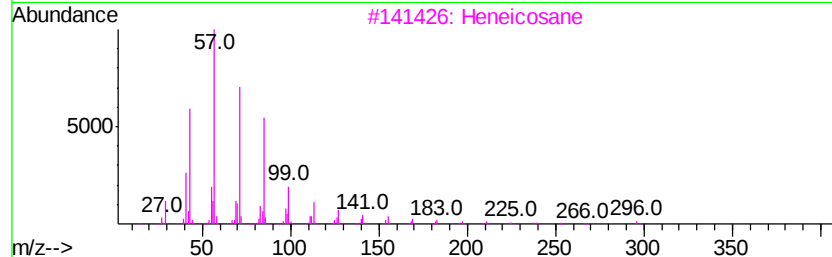
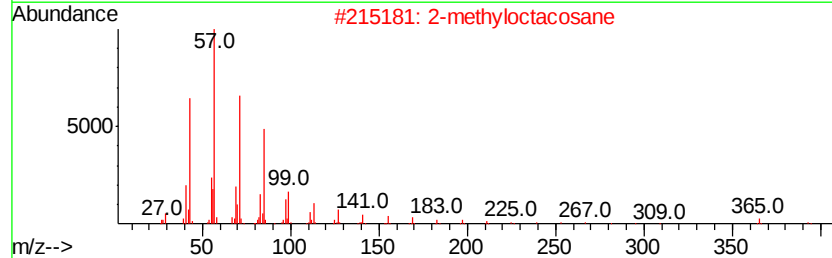
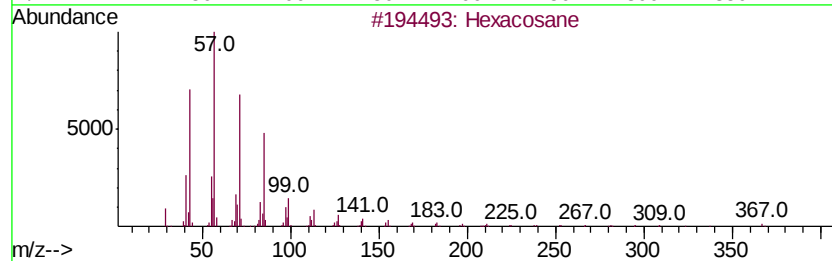
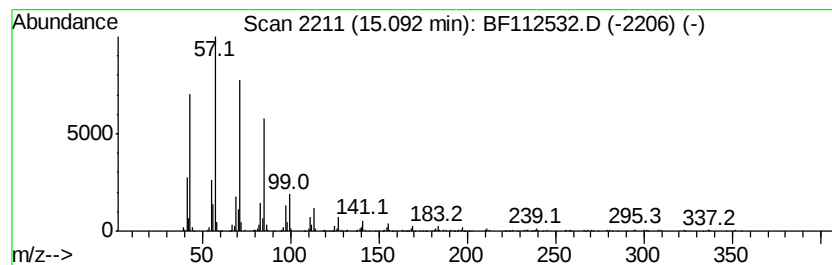
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ClientSampleId :
M-11-S

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

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

Peak Number 12 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	16.26 ng	625661	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	91
2	2-methyloctacosane	408 C29H60	1000376-72-8	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	Docosane, 11-butyl-	366 C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112532.D
Acq On : 13 Feb 2019 12:05
Operator : JU/SJ
Sample : K1459-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

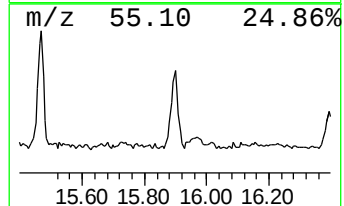
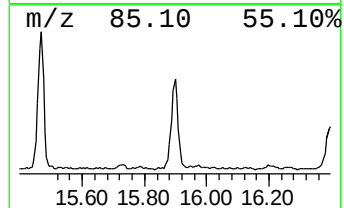
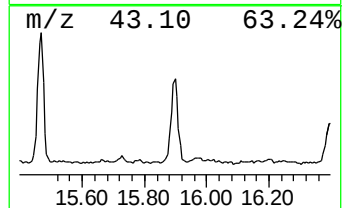
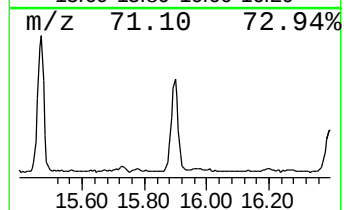
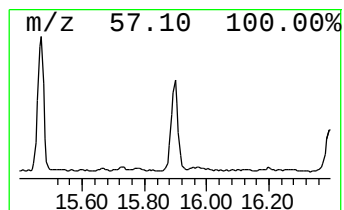
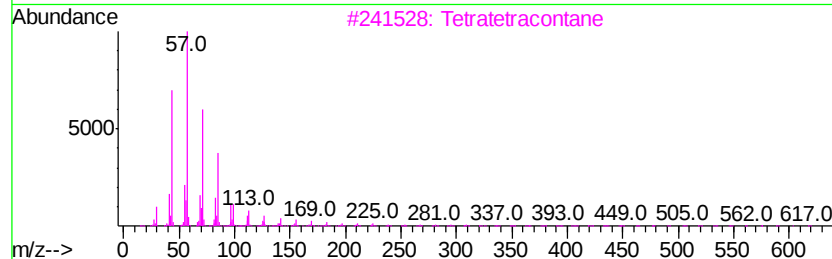
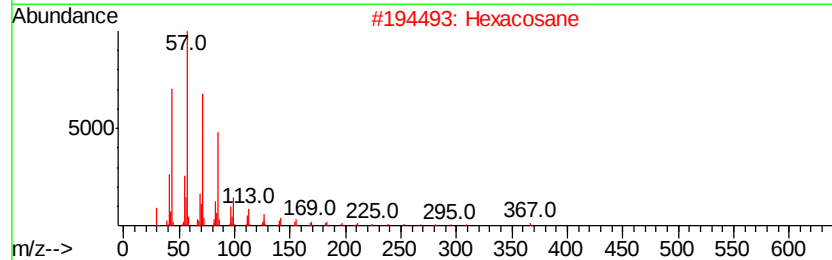
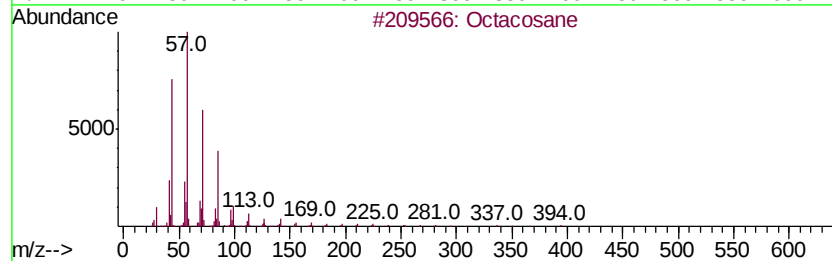
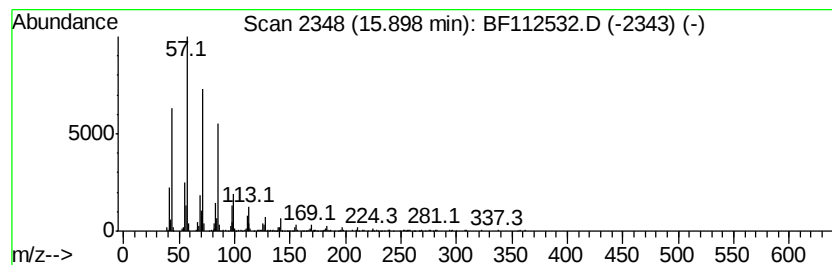
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	14.02 ng	539377	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394	C28H58	000630-02-4 91
2	Hexacosane	366	C26H54	000630-01-3 91
3	Tetratetracontane	619	C44H90	007098-22-8 91
4	Heneicosane	296	C21H44	000629-94-7 91
5	Tetracosane	338	C24H50	000646-31-1 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112532.D
Acq On : 13 Feb 2019 12:05
Operator : JU/SJ
Sample : K1459-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-11-S

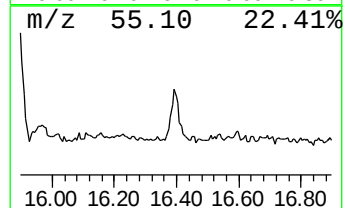
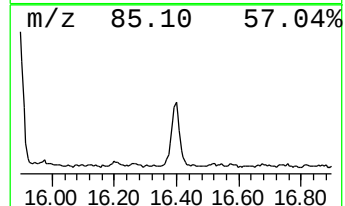
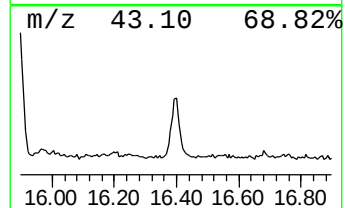
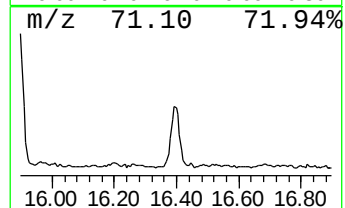
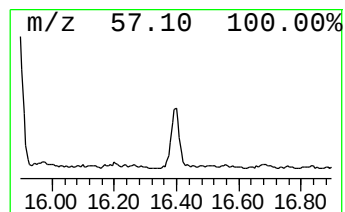
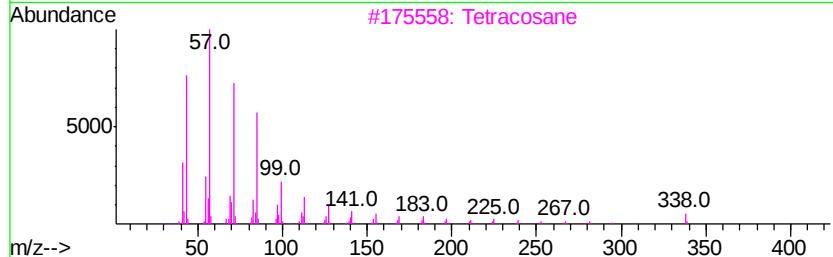
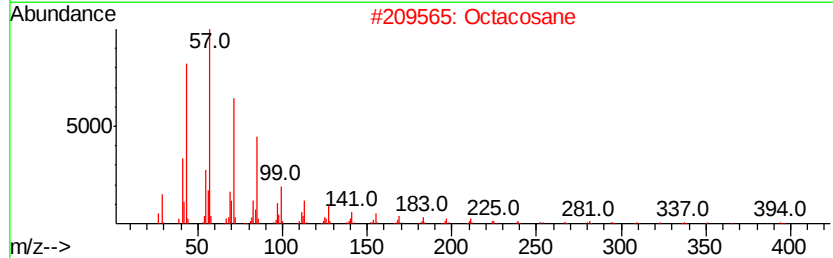
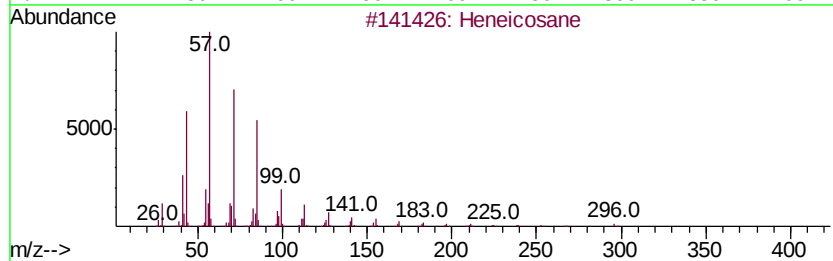
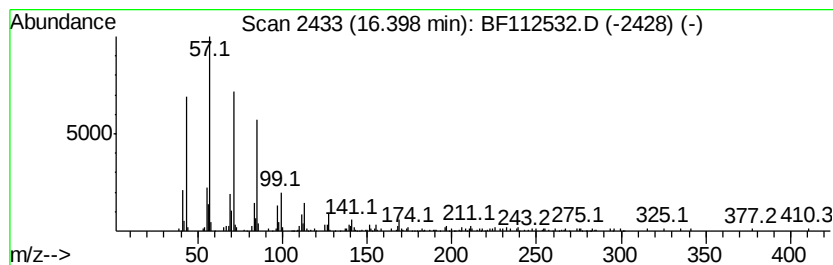
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	9.35 ng	359723	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Octacosane	394	C28H58	000630-02-4	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
Data File : BF112532.D
Acq On : 13 Feb 2019 12:05
Operator : JU/SJ
Sample : K1459-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-11-S

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.61	6.61	76.8	ng	2188420	1	6.83	569821	20.0
n-Hexadecanoic acid	11.88	12.1	ng	574794	4	11.36	947801	20.0
Octadecanoic acid	12.67	16.5	ng	781971	4	11.36	947801	20.0
5-Eicosene, (E)-	13.83	10.6	ng	385505	5	14.01	727434	20.0
Pentacosane	14.15	3.1	ng	114309	5	14.01	727434	20.0
Eicosane	14.45	7.2	ng	262396	5	14.01	727434	20.0
Tetracosane	14.76	10.9	ng	418460	6	15.49	769632	20.0
Hexacosane	15.09	16.3	ng	625661	6	15.49	769632	20.0
Octacosane	15.90	14.0	ng	539377	6	15.49	769632	20.0
Heneicosane	16.40	9.3	ng	359723	6	15.49	769632	20.0