

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115160.D
 Acq On : 24 Jun 2019 21:15
 Operator : HP/JU
 Sample : K3500-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)

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-BF062119.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	4.454	424	428	433	rVB	124754	149114	2.66%	0.276%
2	5.213	551	557	560	rBV	4113048	4505826	80.32%	8.336%
3	6.248	727	733	736	rBV	4658606	4686827	83.55%	8.671%
4	6.278	736	738	750	rVB	102127	98040	1.75%	0.181%
5	6.378	750	755	758	rBV	5090281	4912618	87.57%	9.089%
6	6.613	791	795	798	rVB	1648495	1443751	25.74%	2.671%
7	6.766	817	821	825	rBV	4505695	3878649	69.14%	7.176%
8	7.172	884	890	893	rBV	3307069	3035937	54.12%	5.617%
9	7.889	1008	1012	1015	rBV	2410616	1864786	33.24%	3.450%
10	8.966	1191	1195	1199	rBV	5630399	5290044	94.30%	9.787%
11	9.360	1258	1262	1275	rBV	539836	473018	8.43%	0.875%
12	9.636	1305	1309	1320	rBV	2509506	2135528	38.07%	3.951%
13	10.419	1437	1442	1445	rBV	3308730	3268387	58.26%	6.047%
14	11.107	1555	1559	1562	rBV	2847810	2350606	41.90%	4.349%
15	11.660	1649	1653	1661	rBV	383733	457259	8.15%	0.846%
16	12.442	1782	1786	1796	rBV	738646	953590	17.00%	1.764%
17	12.695	1824	1829	1832	rBV	5732006	5609849	100.00%	10.379%
18	13.618	1982	1986	1996	rBV	314272	577366	10.29%	1.068%
19	13.724	2000	2004	2012	rVV	2329039	2086162	37.19%	3.860%
20	13.930	2037	2039	2044	rBV	168293	167265	2.98%	0.309%
21	14.236	2088	2091	2094	rBV	466098	419125	7.47%	0.775%
22	14.530	2137	2141	2145	rBV	863038	823389	14.68%	1.523%
23	14.830	2188	2192	2196	rVB	911674	896265	15.98%	1.658%
24	15.089	2232	2236	2242	rVB	1543205	1646088	29.34%	3.045%
25	15.165	2245	2249	2256	rVB	814232	991477	17.67%	1.834%
26	15.548	2310	2314	2320	rBV	495442	689953	12.30%	1.276%
27	15.989	2384	2389	2397	rVB	274678	424722	7.57%	0.786%
28	16.501	2472	2476	2485	rVB	117990	214785	3.83%	0.397%

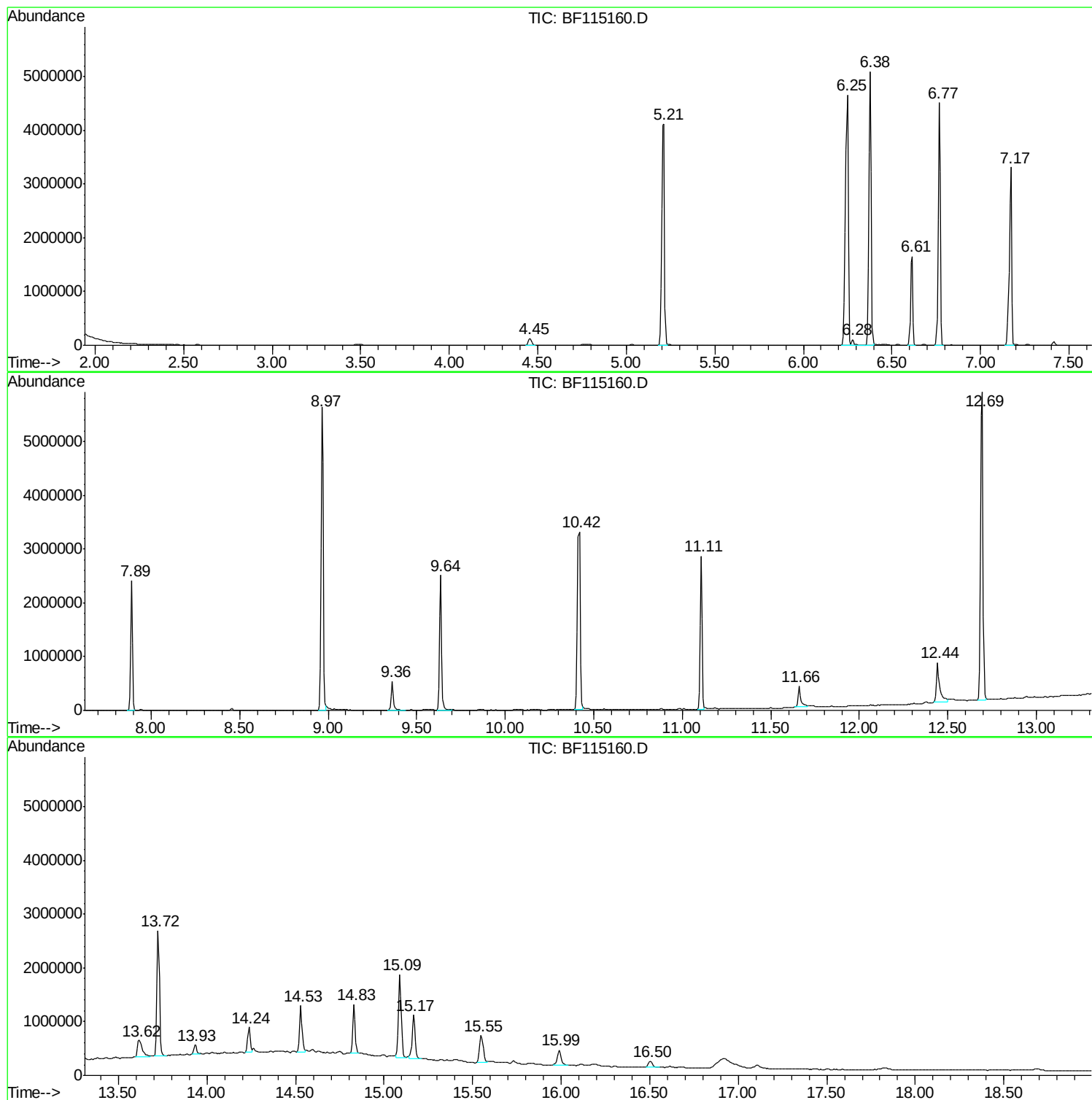
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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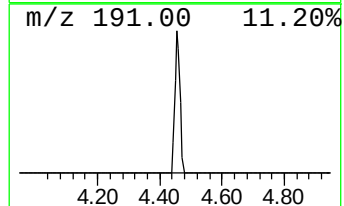
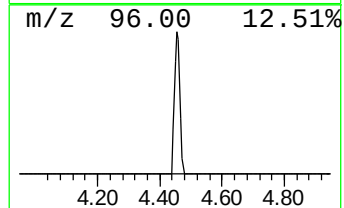
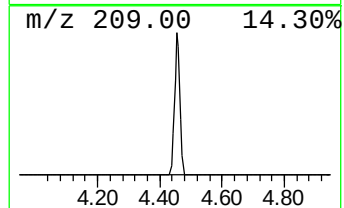
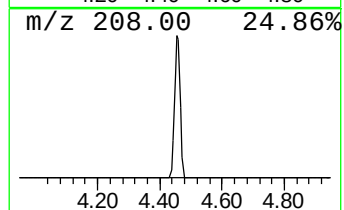
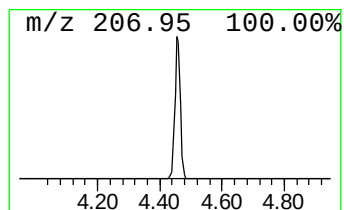
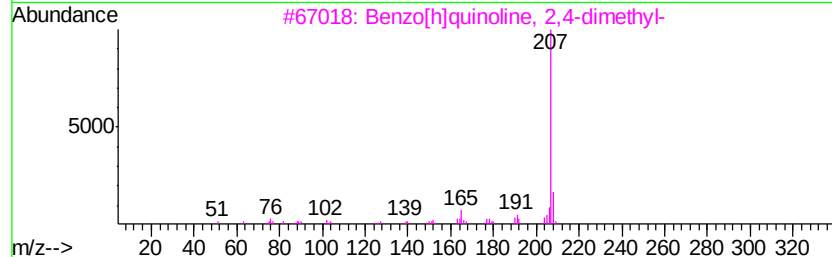
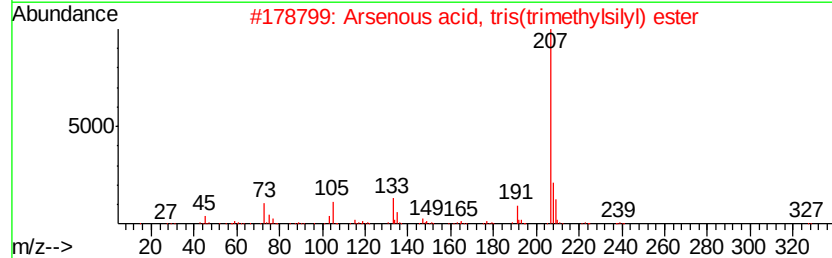
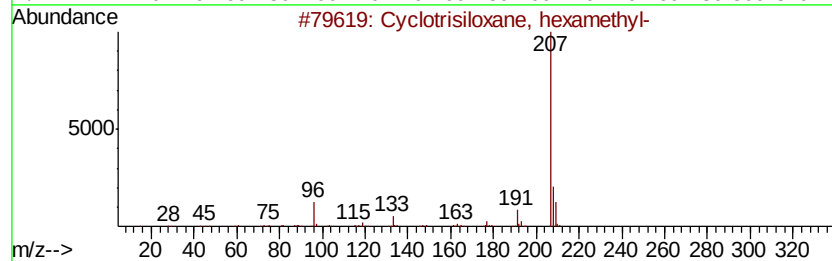
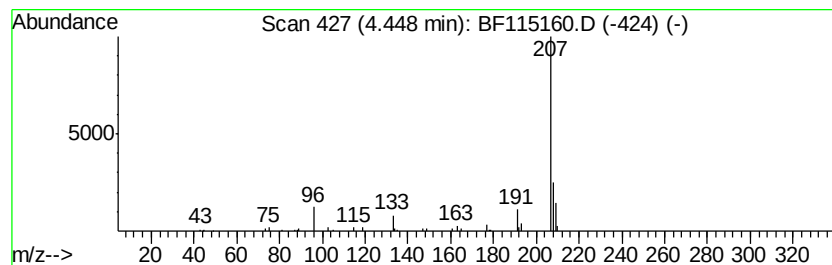
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.45	2.07 ng	149114	1,4-Dichlorobenzene-d4	6.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	87
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	72
3	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38



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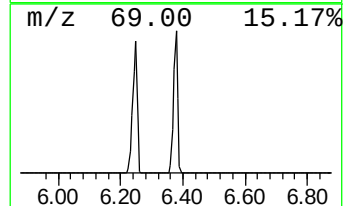
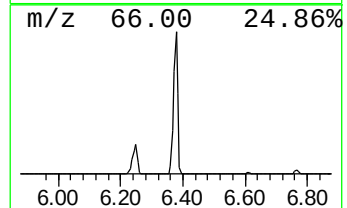
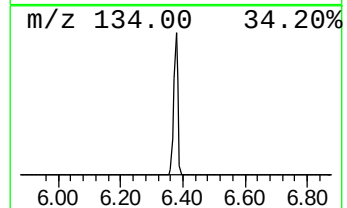
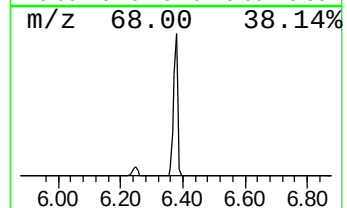
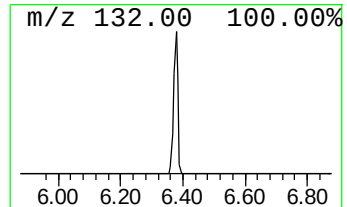
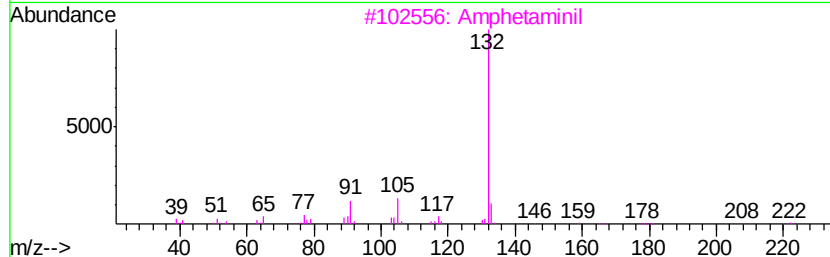
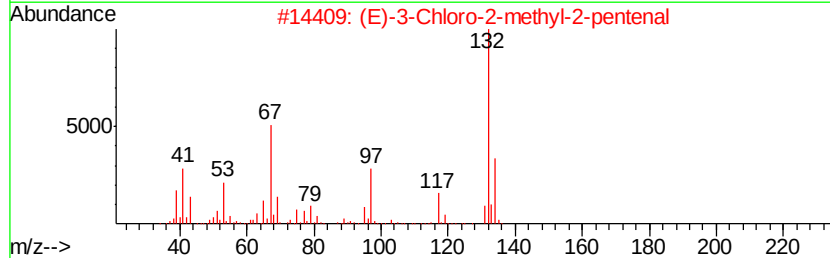
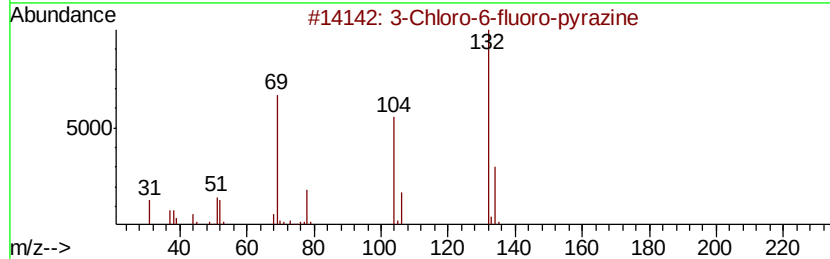
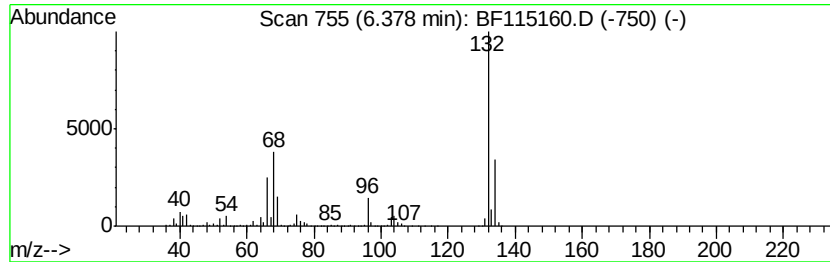
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	68.05 ng	4912620	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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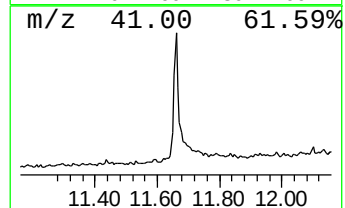
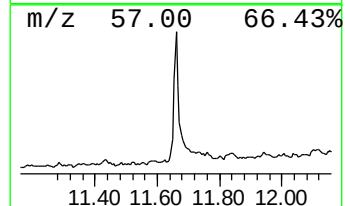
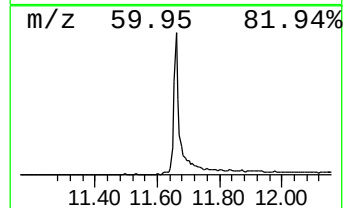
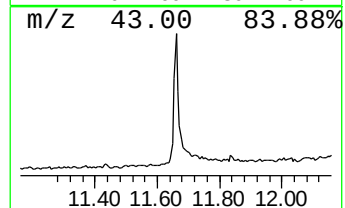
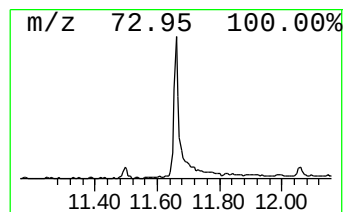
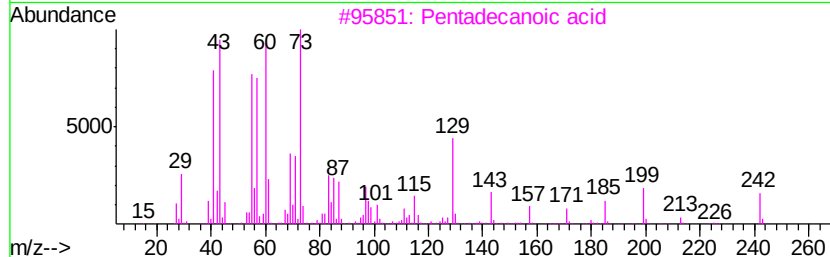
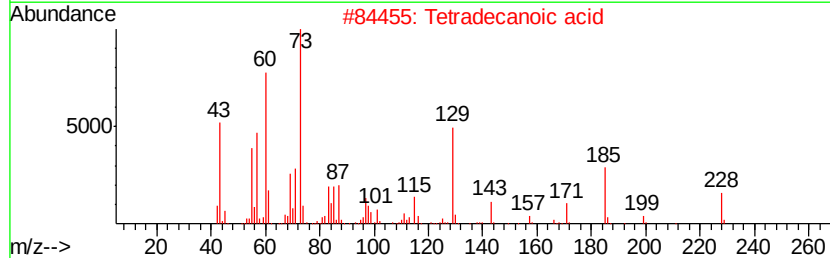
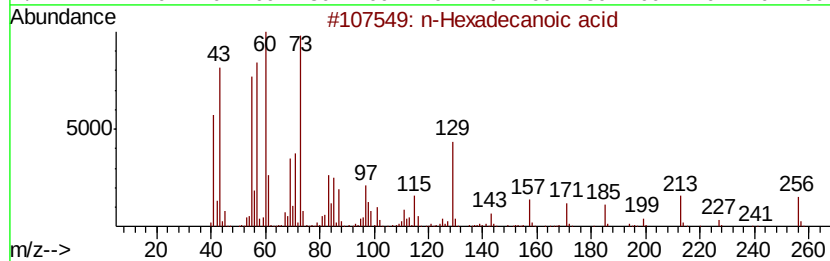
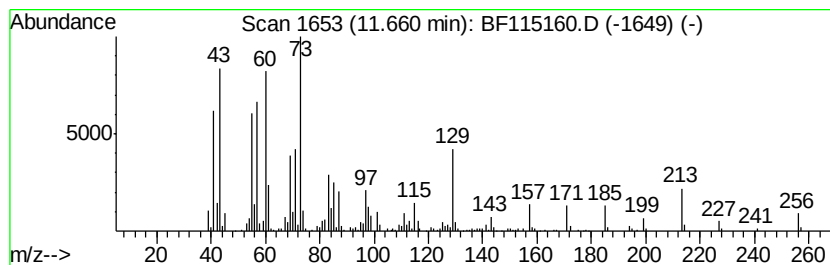
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	3.89 ng	457259	Phenanthrene-d10	11.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68



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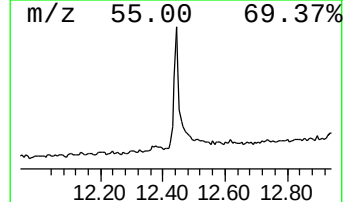
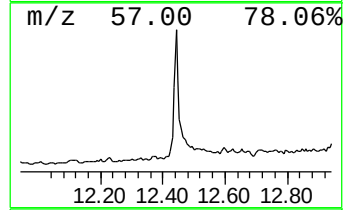
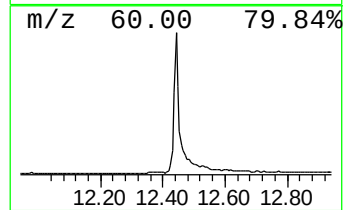
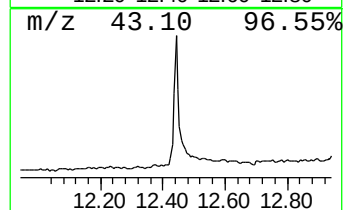
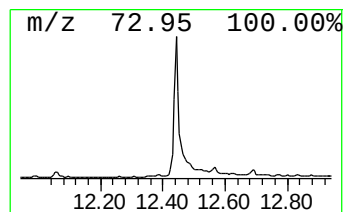
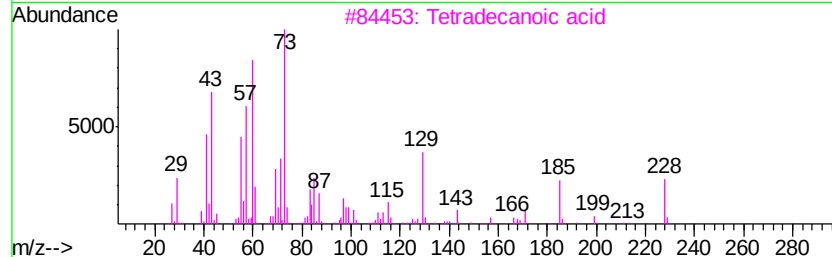
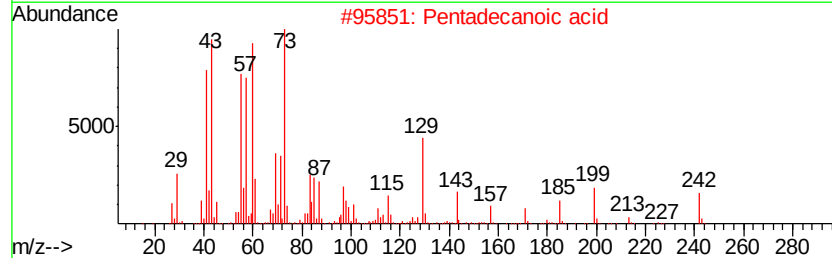
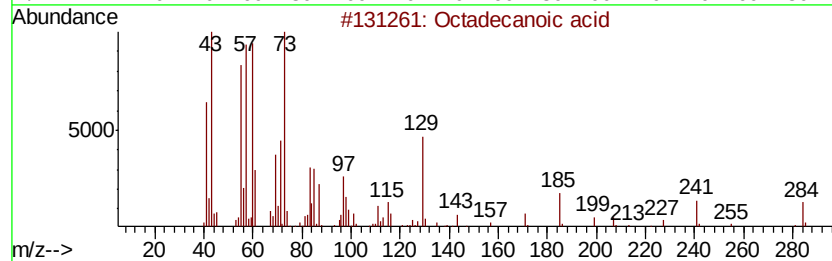
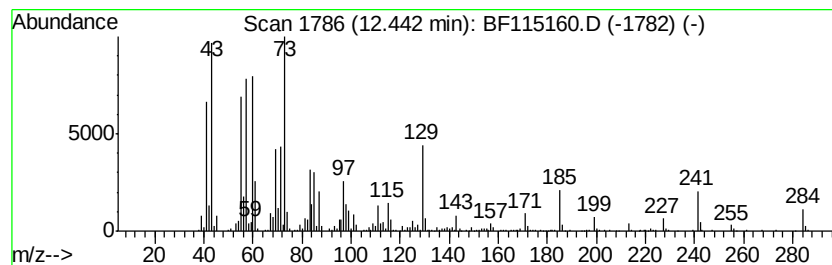
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Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.44	9.14 ng	953590	Chrysene-d12		13.72
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



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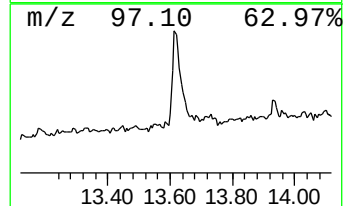
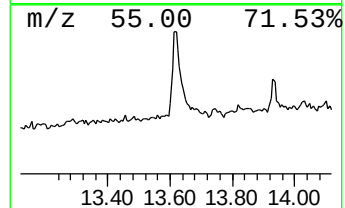
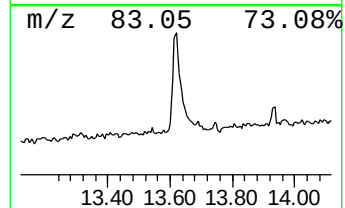
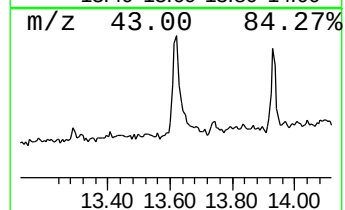
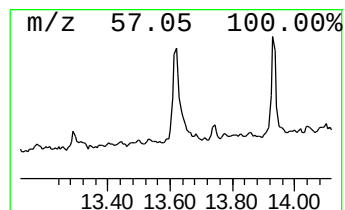
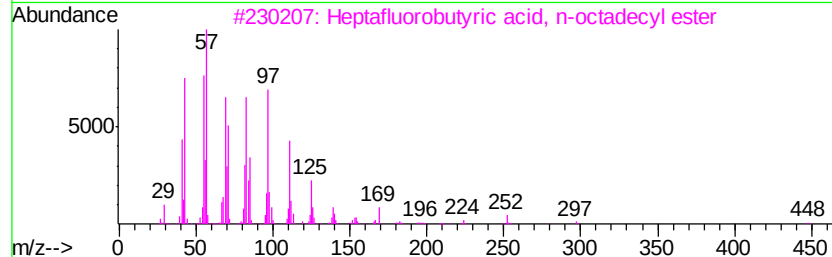
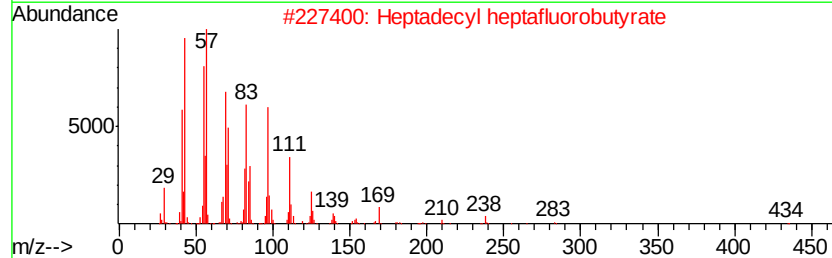
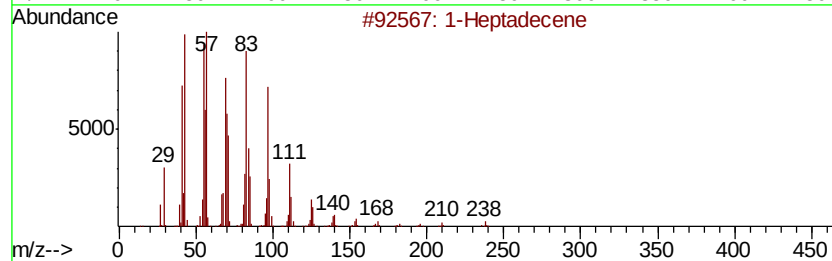
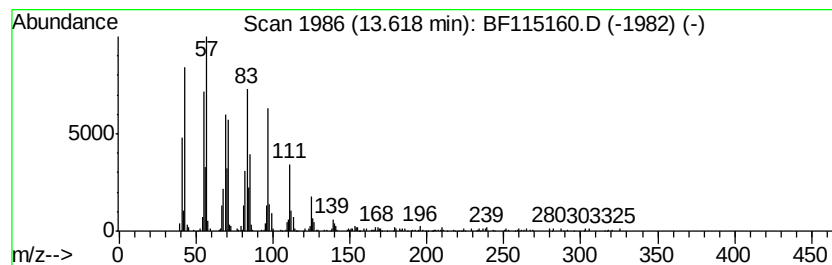
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Peak Number 6 1-Heptadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.62	5.54 ng	577366	Chrysene-d12	13.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93



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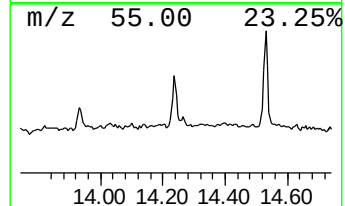
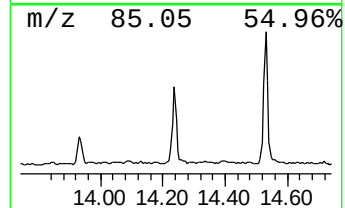
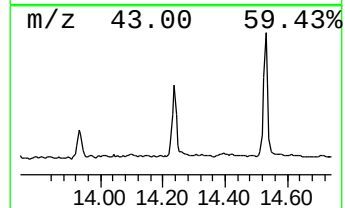
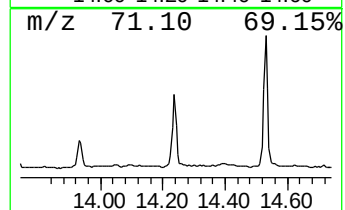
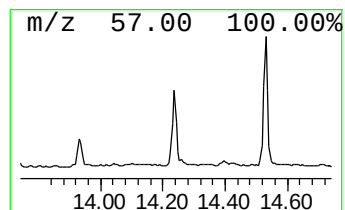
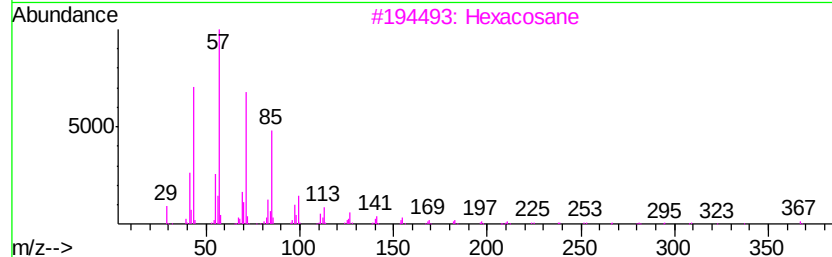
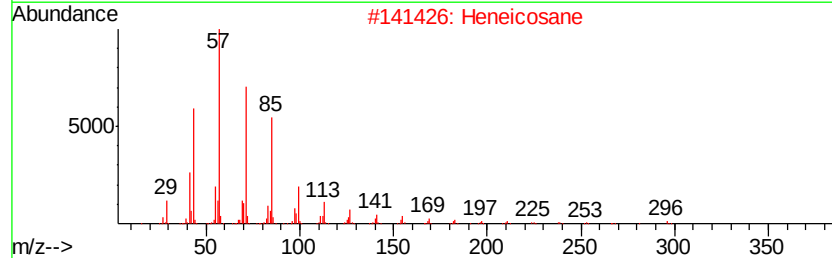
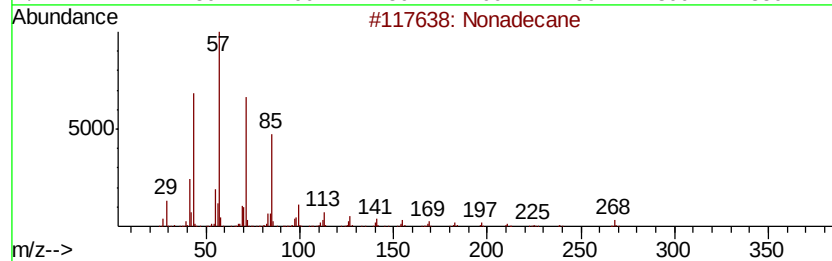
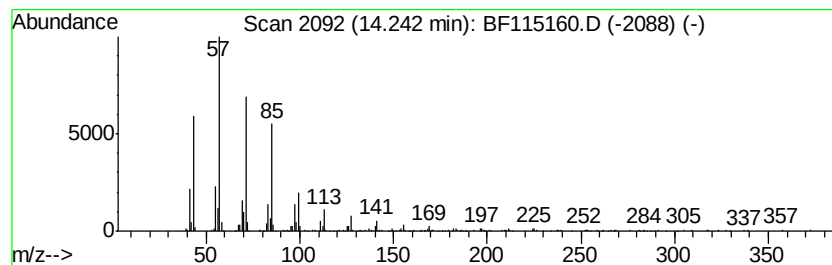
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	4.02 ng	419125	Chrysene-d12	13.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetracosane	338	C24H50	000646-31-1	90
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115160.D
Acq On : 24 Jun 2019 21:15
Operator : HP/JU
Sample : K3500-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

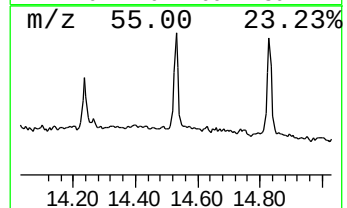
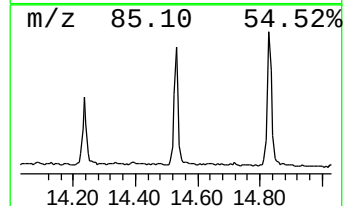
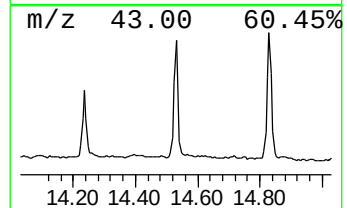
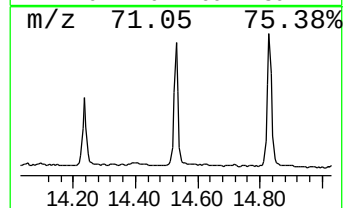
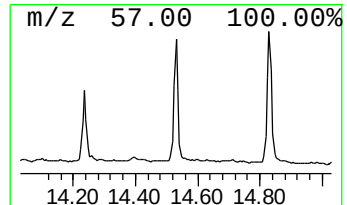
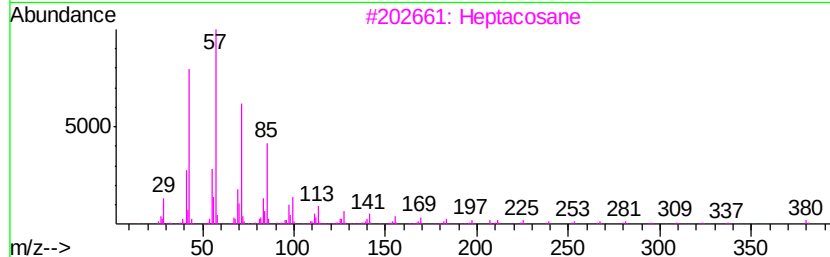
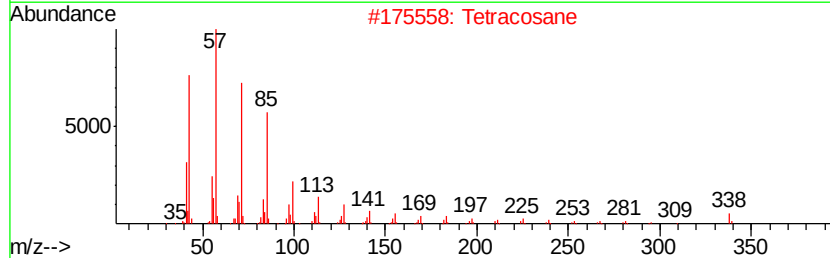
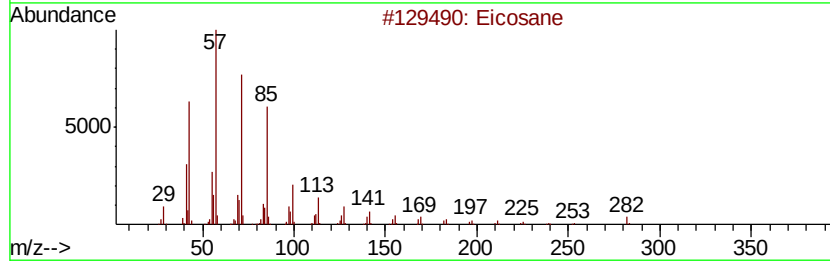
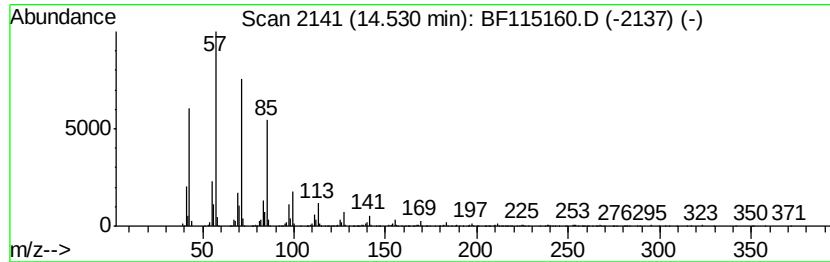
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ClientSampleId :
B-5(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	10.00 ng	823389	Perylene-d12	15.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Tetracosane	338 C24H50	000646-31-1	91
3	Heptacosane	380 C27H56	000593-49-7	91
4	Heneicosane	296 C21H44	000629-94-7	91
5	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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Sample : K3500-05
Misc :
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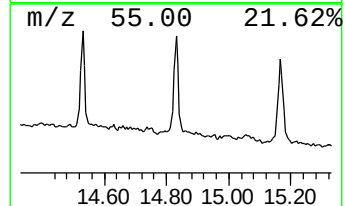
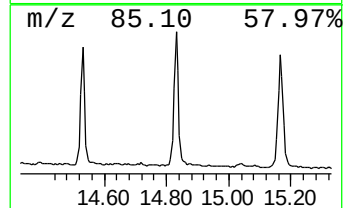
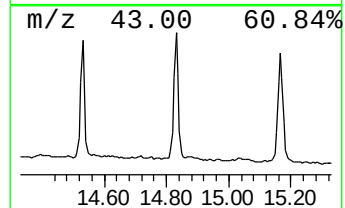
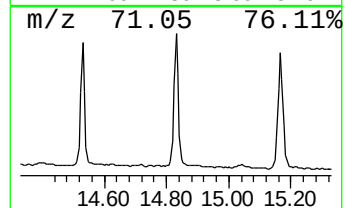
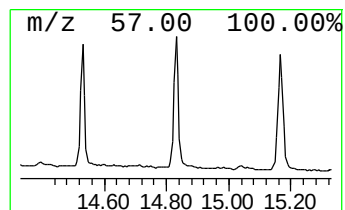
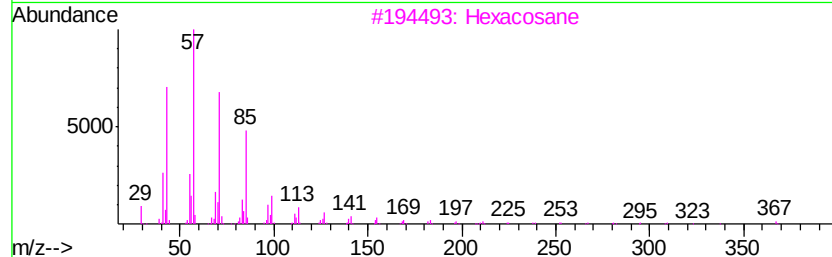
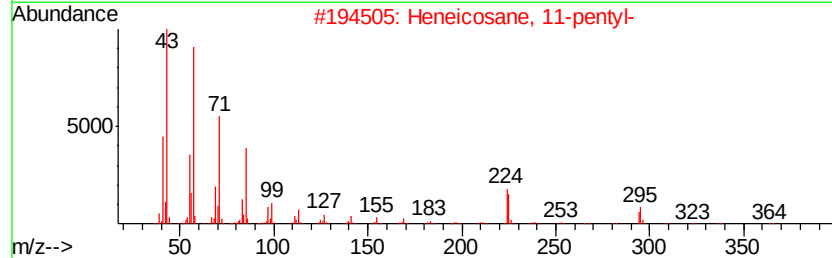
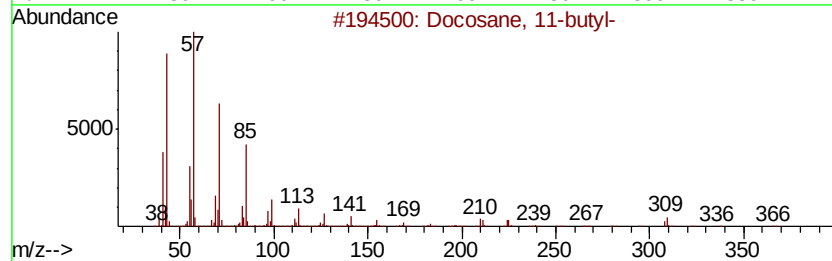
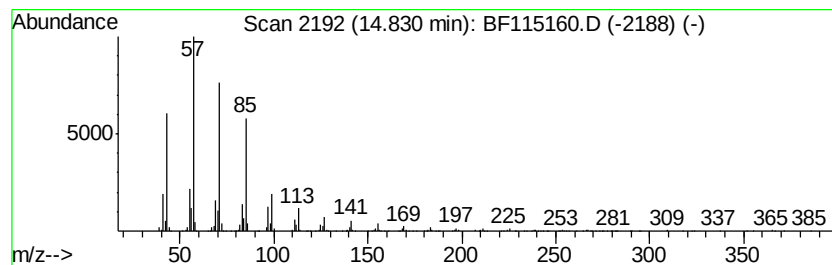
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ClientSampleId :
B-5(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Docosane, 11-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	10.89 ng	896265	Perylene-d12	15.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Docosane, 11-butyl-	366 C26H54	013475-76-8	94
2	Heneicosane, 11-pentyl-	366 C26H54	014739-72-1	94
3	Hexacosane	366 C26H54	000630-01-3	91
4	Docosane, 5-butyl-	366 C26H54	055282-16-1	91
5	Docosane, 9-butyl-	366 C26H54	055282-14-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115160.D
 Acq On : 24 Jun 2019 21:15
 Operator : HP/JU
 Sample : K3500-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)

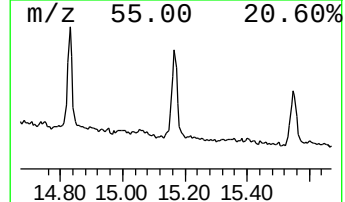
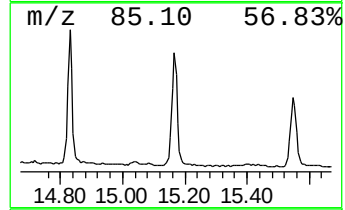
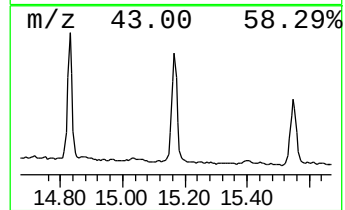
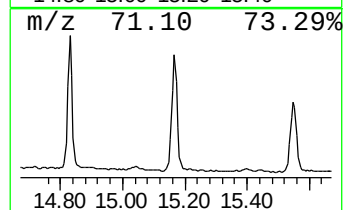
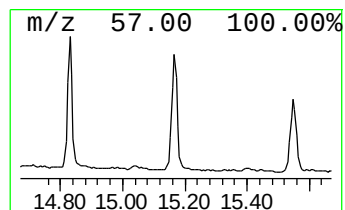
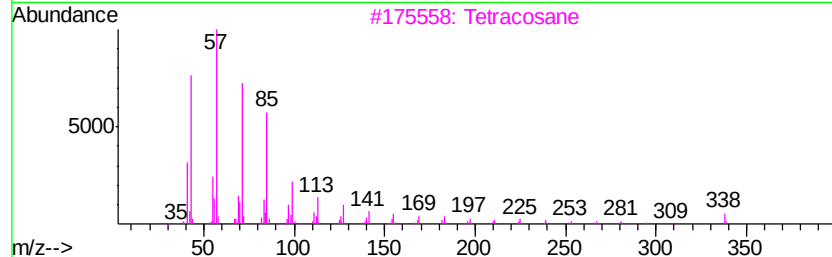
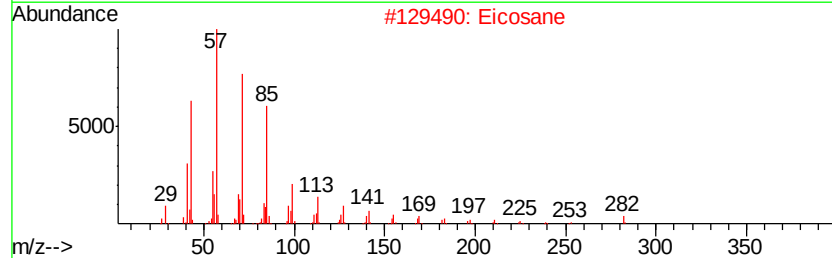
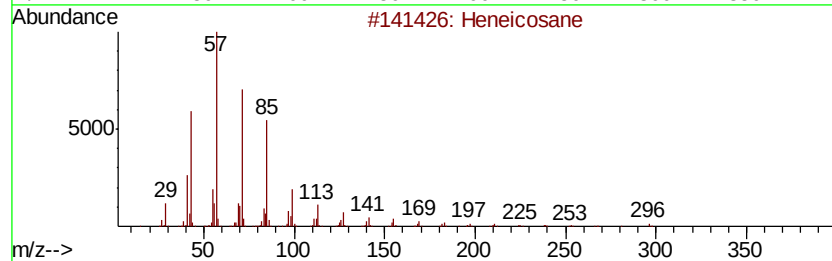
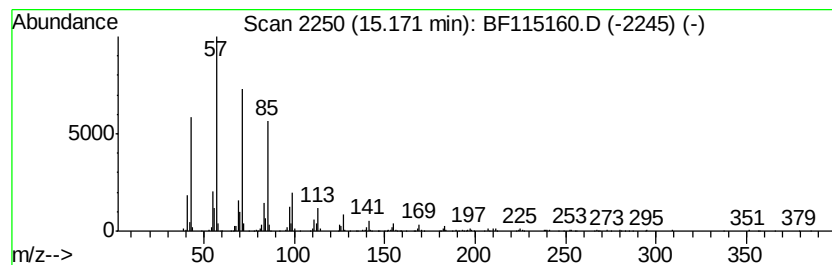
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	12.05 ng	991477	Perylene-d12	15.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Eicosane		282	C20H42	000112-95-8	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90
5	Octadecane, 2-methyl-		268	C19H40	001560-88-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115160.D
Acq On : 24 Jun 2019 21:15
Operator : HP/JU
Sample : K3500-05
Misc :
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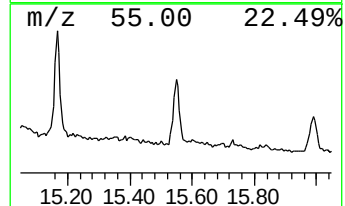
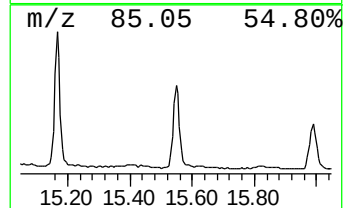
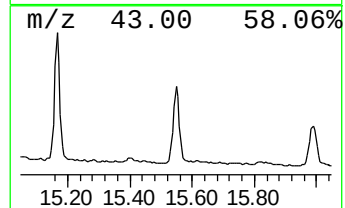
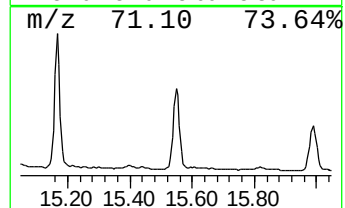
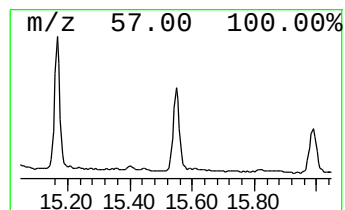
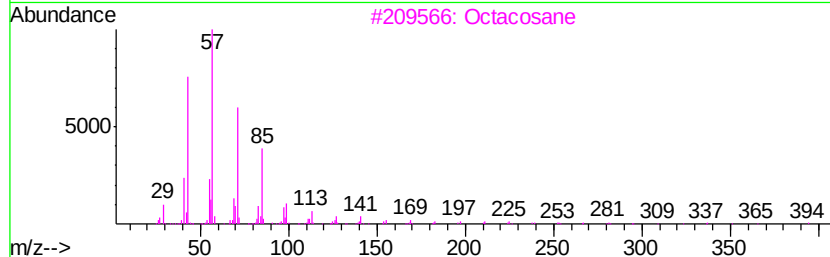
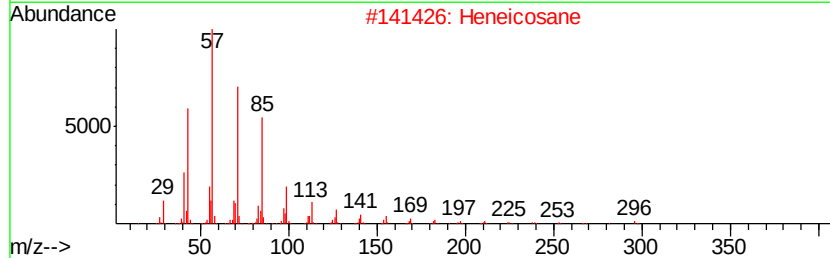
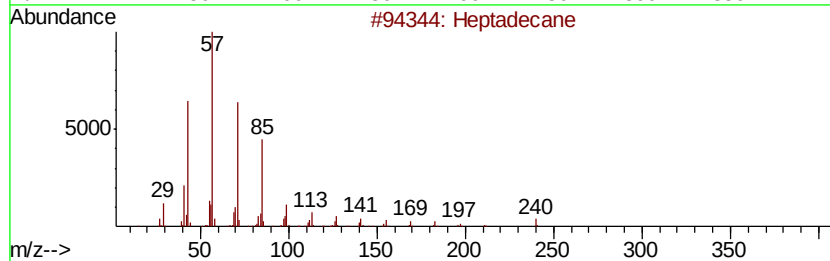
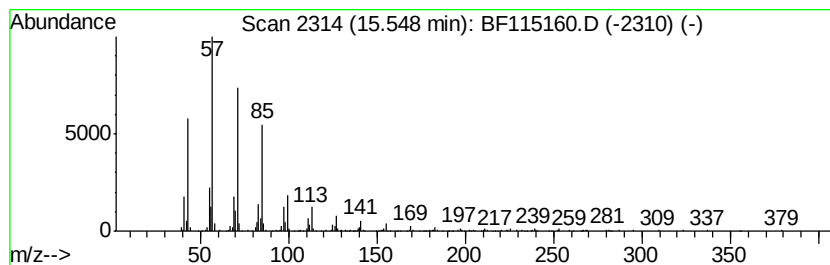
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	8.38 ng	689953	Perylene-d12	15.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	95
2	Heneicosane	296 C21H44	000629-94-7	91
3	Octacosane	394 C28H58	000630-02-4	91
4	2-methyloctacosane	408 C29H60	1000376-72-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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 Misc :
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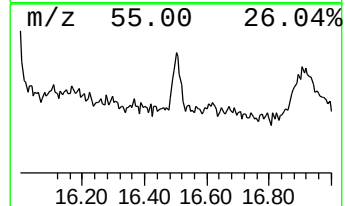
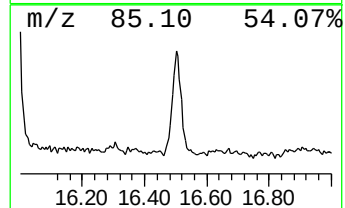
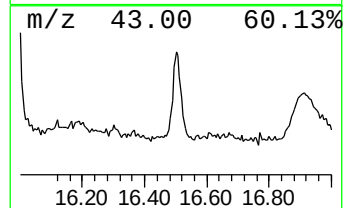
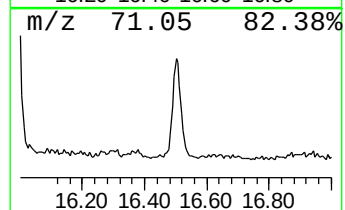
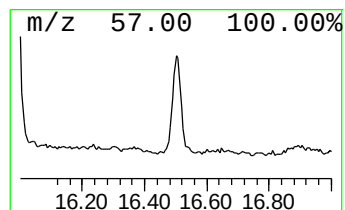
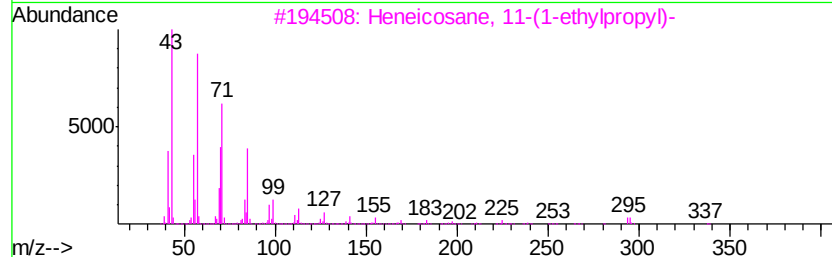
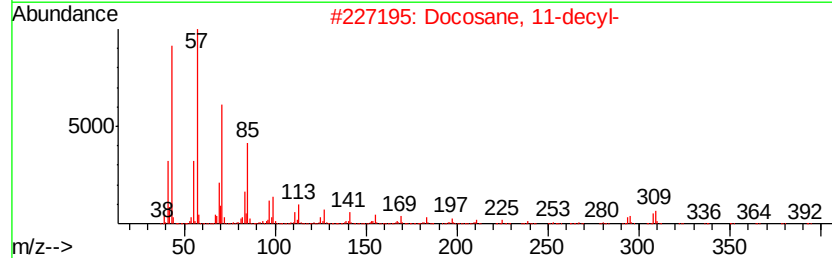
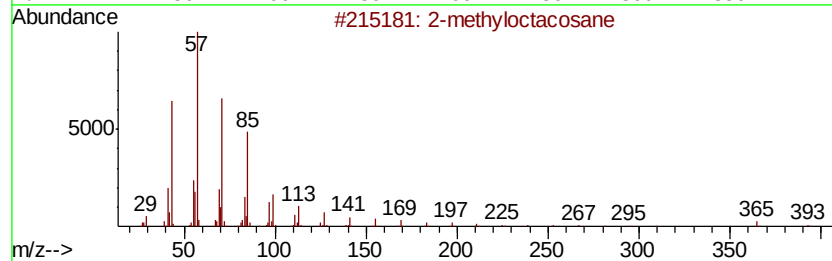
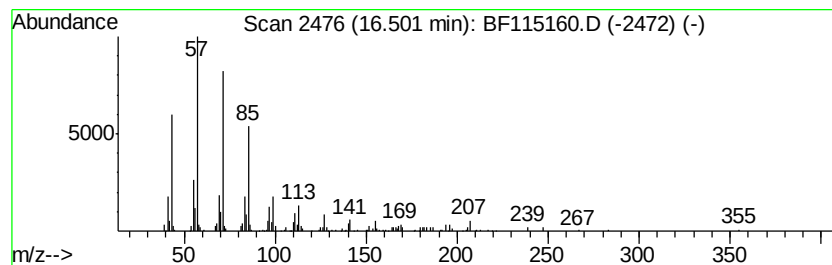
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 2-methyloctacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.61 ng	214785	Perylene-d12	15.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-methyloctacosane	408 C29H60	1000376-72-8	91
2	Docosane, 11-decyl-	451 C32H66	055401-55-3	91
3	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	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\BF062419\
Data File : BF115160.D
Acq On : 24 Jun 2019 21:15
Operator : HP/JU
Sample : K3500-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
Cyclotrisiloxane,...	4.45	2.1 ng		149114	1	6.61	1443750	20.0
unknown6.38	6.38	68.0 ng		4912620	1	6.61	1443750	20.0
n-Hexadecanoic acid	11.66	3.9 ng		457259	4	11.11	2350610	20.0
Octadecanoic acid	12.44	9.1 ng		953590	5	13.72	2086160	20.0
1-Heptadecene	13.62	5.5 ng		577366	5	13.72	2086160	20.0
Nonadecane	14.24	4.0 ng		419125	5	13.72	2086160	20.0
Eicosane	14.53	10.0 ng		823389	6	15.09	1646090	20.0
Docosane, 11-butyl-	14.83	10.9 ng		896265	6	15.09	1646090	20.0
Heneicosane	15.17	12.1 ng		991477	6	15.09	1646090	20.0
Heptadecane	15.55	8.4 ng		689953	6	15.09	1646090	20.0
2-methyloctacosane	16.50	2.6 ng		214785	6	15.09	1646090	20.0