

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115285.D
 Acq On : 28 Jun 2019 17:03
 Operator : HP/JU
 Sample : K3555-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-9

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	4.431	420	424	430	rVB	135533	155250	3.05%	0.318%
2	5.196	549	554	557	rBV	3982119	4024043	79.11%	8.253%
3	6.237	726	731	734	rBV	3892228	4230472	83.17%	8.676%
4	6.266	734	736	739	rVB	118671	100384	1.97%	0.206%
5	6.366	748	753	756	rBV	4732287	4336199	85.25%	8.893%
6	6.595	789	792	796	rVB	1625680	1282791	25.22%	2.631%
7	6.754	815	819	822	rBV	4180665	3482622	68.47%	7.143%
8	7.160	882	888	891	rBV	2686300	2738741	53.84%	5.617%
9	7.395	925	928	931	rBV	64005	57453	1.13%	0.118%
10	7.878	1006	1010	1013	rBV	1954480	1651095	32.46%	3.386%
11	8.954	1188	1193	1196	rBV	5522731	4906568	96.46%	10.063%
12	9.348	1256	1260	1266	rVB	572992	484389	9.52%	0.993%
13	9.625	1302	1307	1310	rBV	1984255	1905439	37.46%	3.908%
14	9.895	1350	1353	1357	rBV	56222	75141	1.48%	0.154%
15	10.401	1435	1439	1443	rBV	3399768	3196290	62.84%	6.555%
16	11.095	1553	1557	1560	rBV	2300382	2020737	39.73%	4.144%
17	11.419	1609	1612	1615	rVB	66365	53402	1.05%	0.110%
18	11.642	1645	1650	1660	rBV2	328609	417218	8.20%	0.856%
19	12.424	1778	1783	1792	rBV	365642	541858	10.65%	1.111%
20	12.677	1821	1826	1829	rBV	5469114	5086635	100.00%	10.432%
21	13.619	1980	1986	1997	rBV5	222347	767773	15.09%	1.575%
22	13.713	1998	2002	2005	rVB	2002980	1817362	35.73%	3.727%
23	13.913	2033	2036	2040	rBV	91900	102423	2.01%	0.210%
24	14.218	2084	2088	2090	rBV	197038	185893	3.65%	0.381%
25	14.254	2090	2094	2102	rVV6	92968	249457	4.90%	0.512%
26	14.513	2135	2138	2142	rVB	324425	312959	6.15%	0.642%
27	14.577	2146	2149	2153	rVB	124440	126986	2.50%	0.260%
28	14.807	2185	2188	2193	rVB	429723	458675	9.02%	0.941%
29	15.071	2228	2233	2236	rBV	1559794	1756423	34.53%	3.602%
30	15.142	2241	2245	2251	rVB	520832	650305	12.78%	1.334%
31	15.518	2304	2309	2317	rBV	517514	761553	14.97%	1.562%
32	15.960	2378	2384	2391	rVB	352107	586176	11.52%	1.202%
33	16.465	2466	2470	2480	rVB	125758	235745	4.63%	0.483%

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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

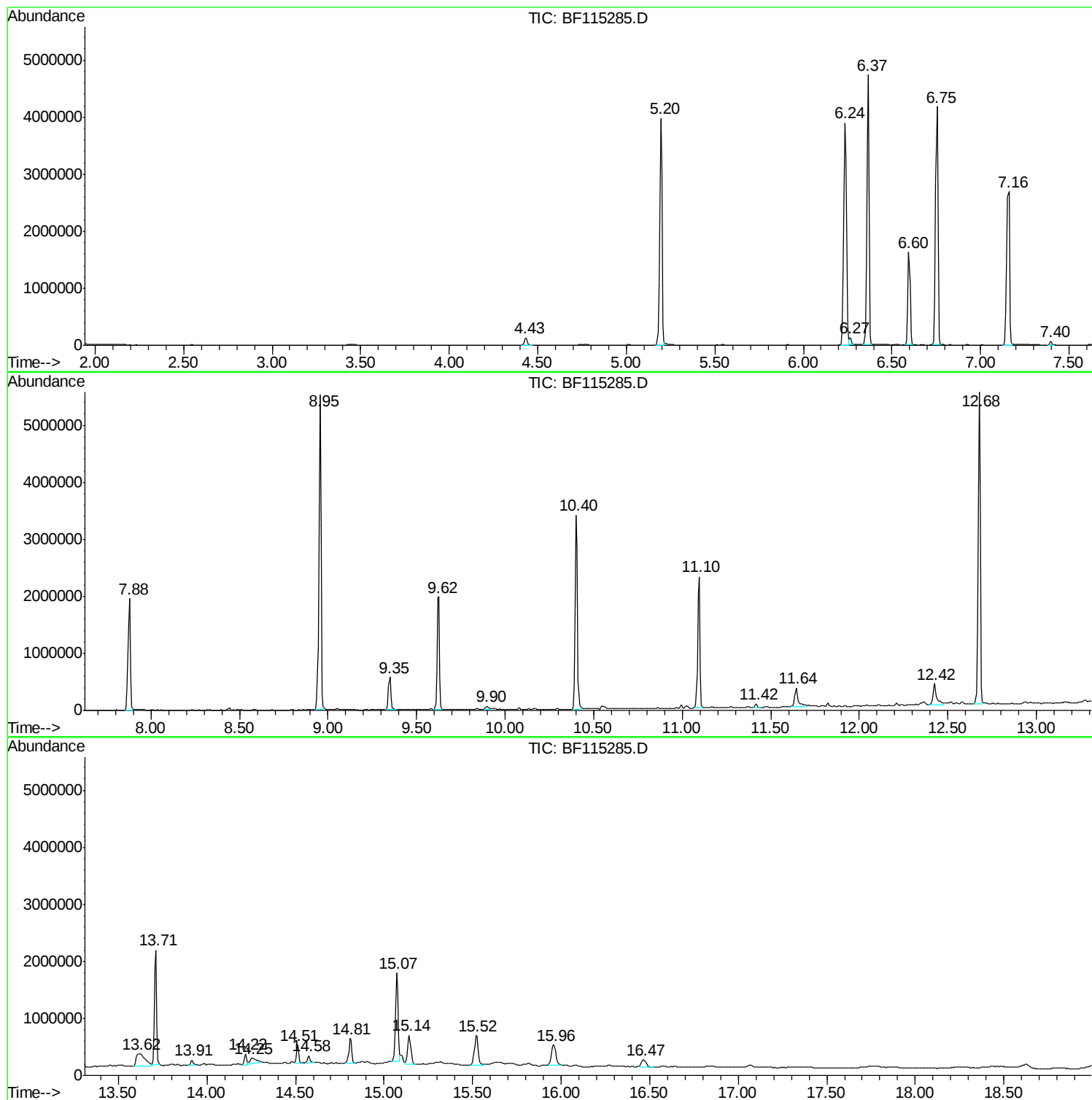
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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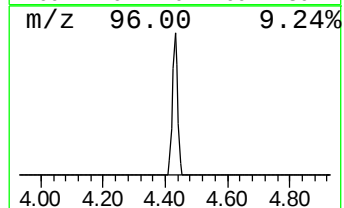
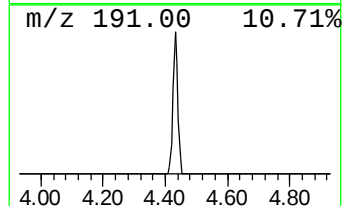
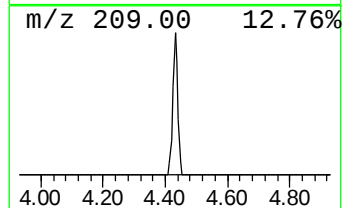
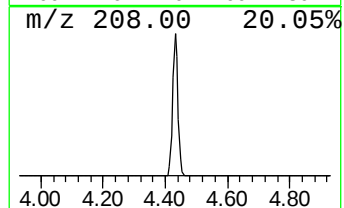
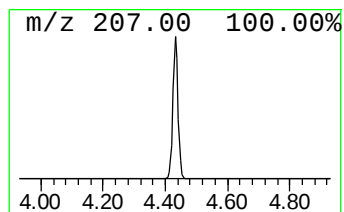
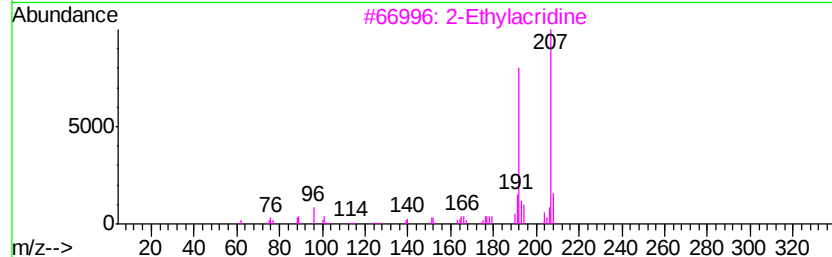
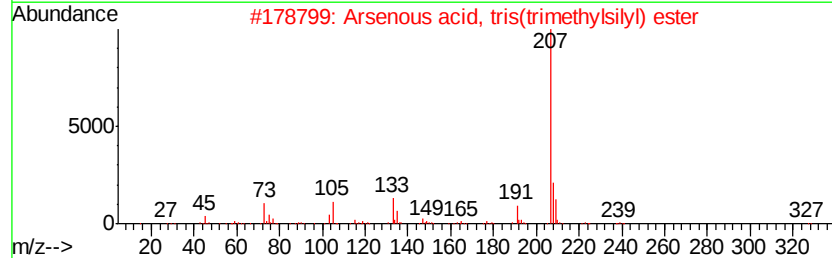
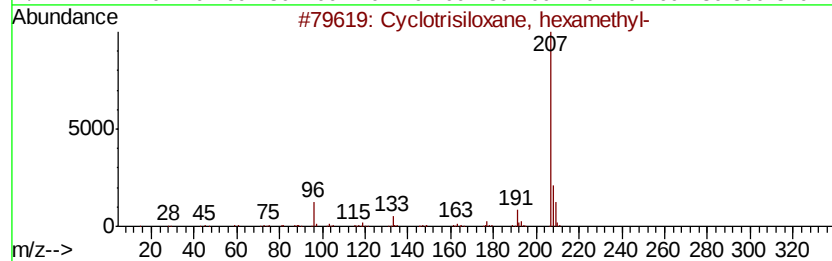
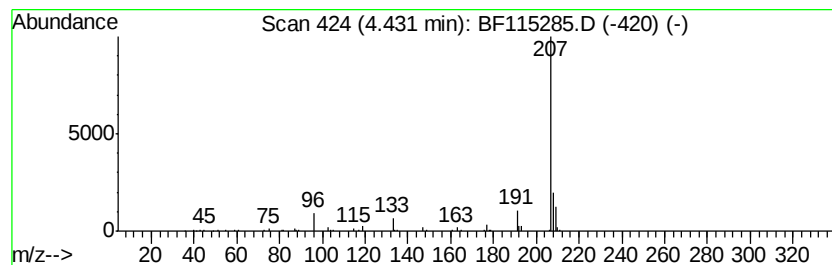
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.43	2.42 ng	155250	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2		Arsenous acid, tris(trimethylsilyl) ester	342	C9H27AsO3Si3	055429-29-3	72
3		2-Ethylacridine	207	C15H13N	055751-83-2	45
4		Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5		5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39



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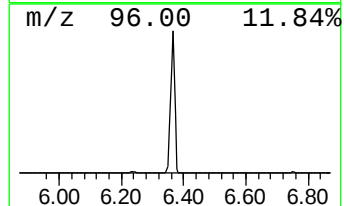
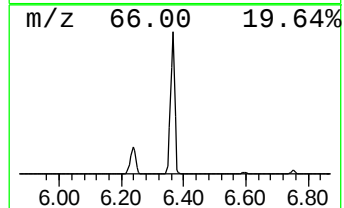
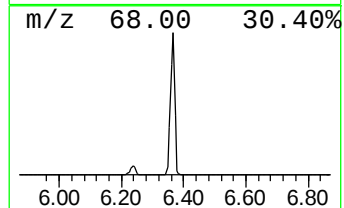
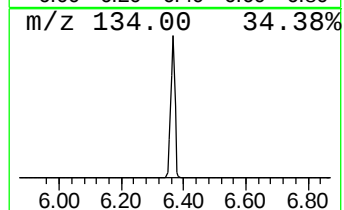
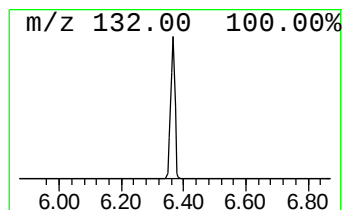
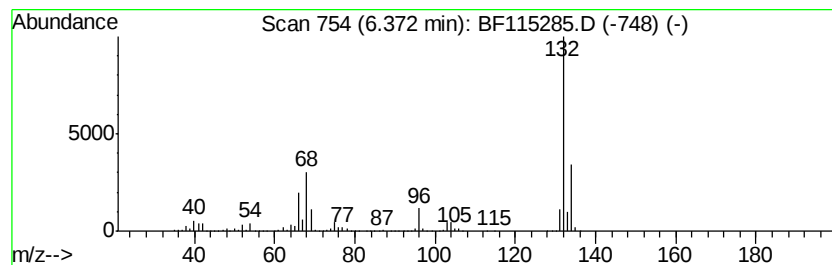
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	67.61 ng	4336200	1,4-Dichlorobenzene-d4	6.60

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		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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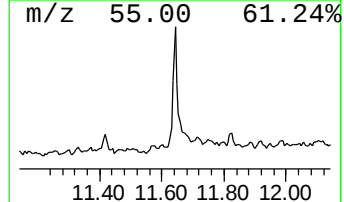
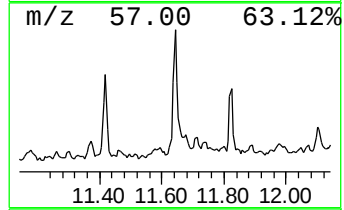
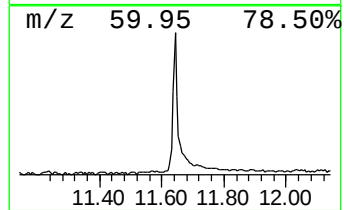
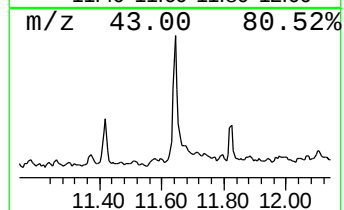
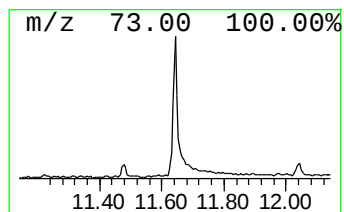
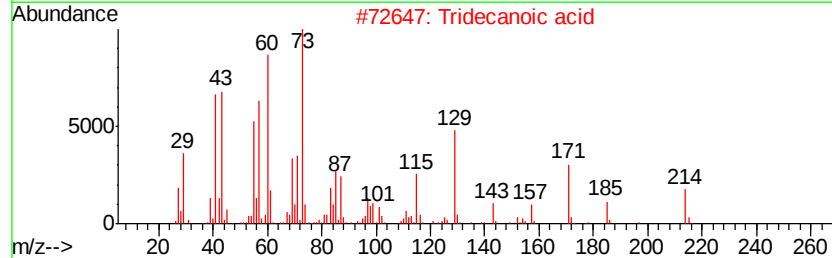
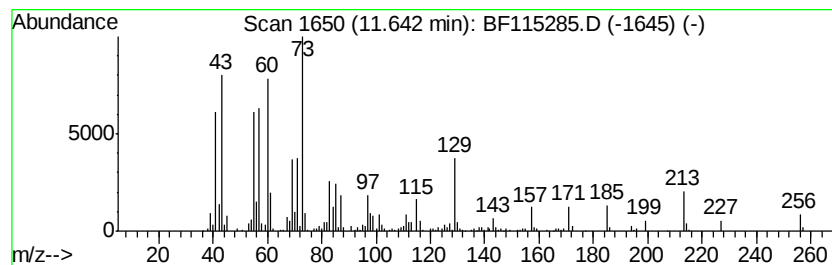
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.64	4.13 ng	417218	Phenanthrene-d10		11.10
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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58



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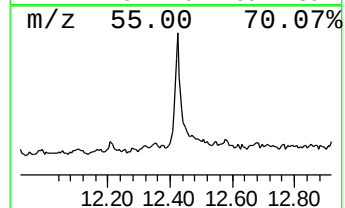
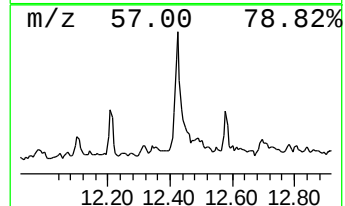
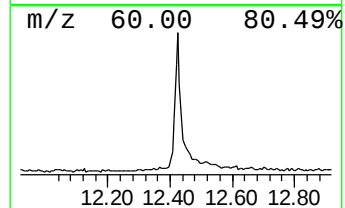
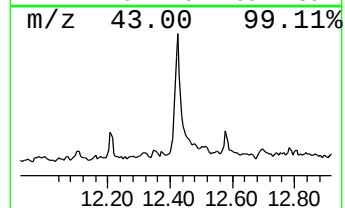
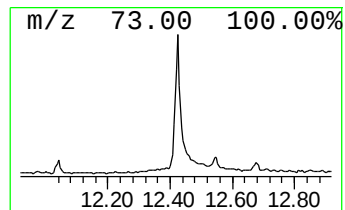
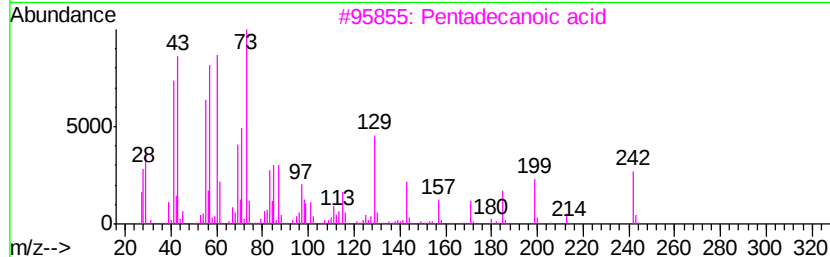
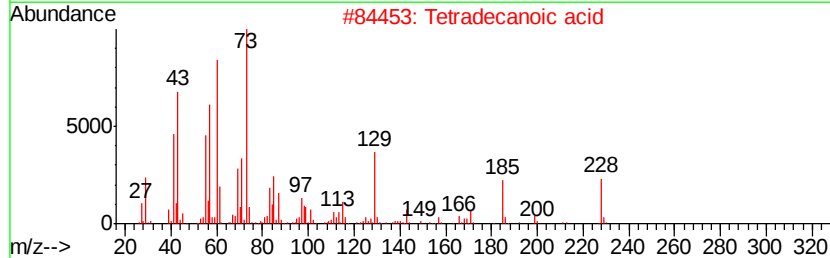
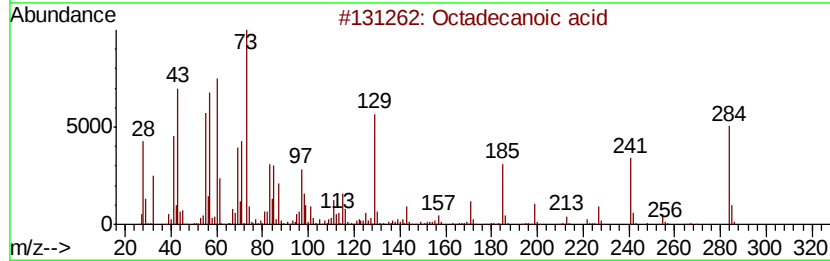
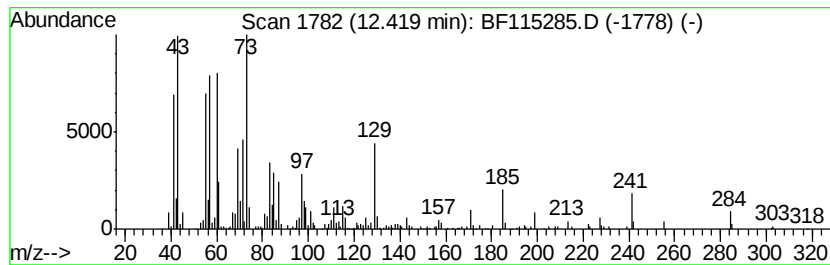
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.96 ng	541858	Chrysene-d12	13.71

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	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68



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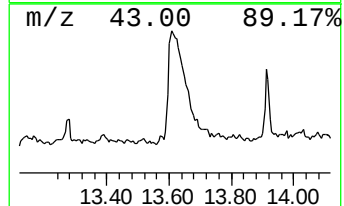
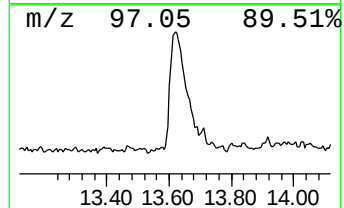
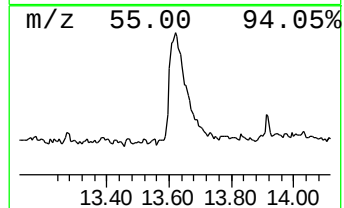
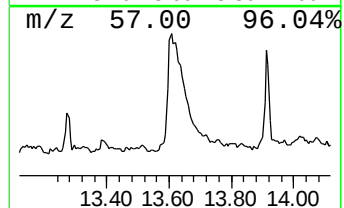
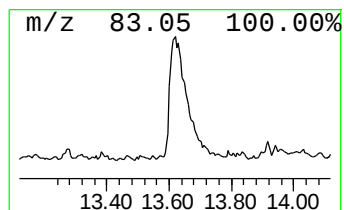
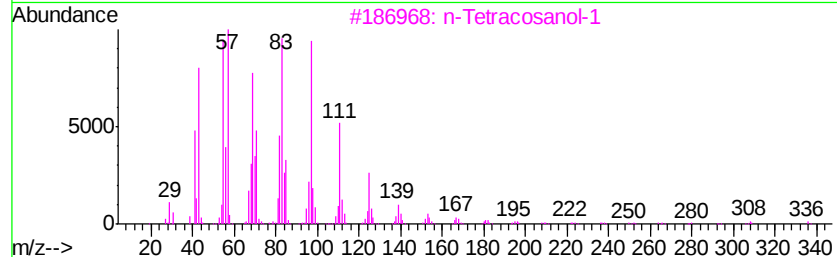
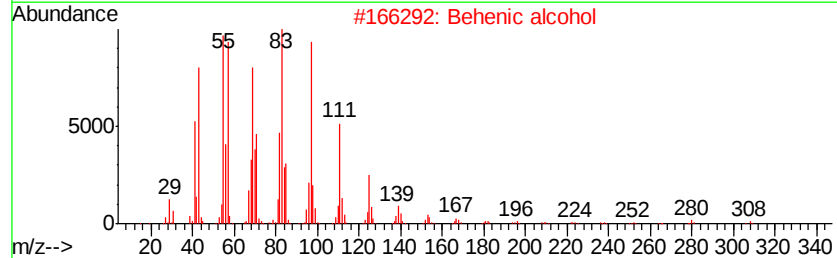
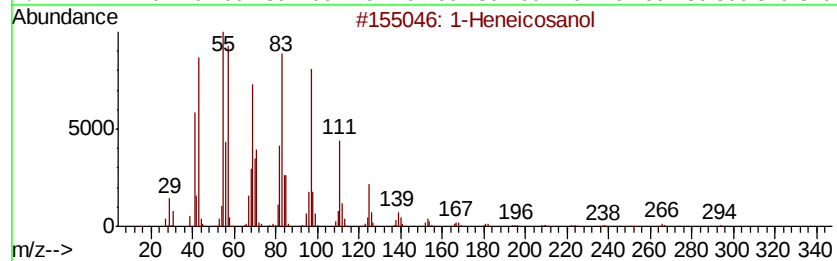
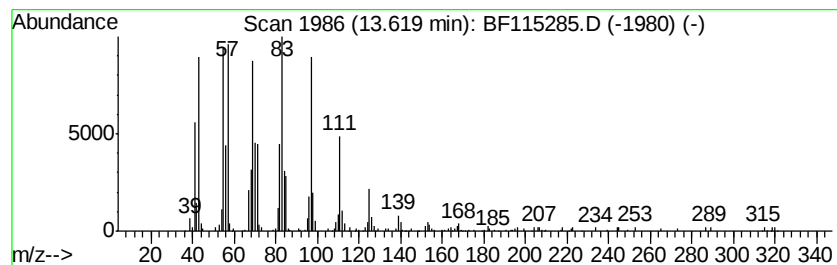
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	8.45 ng	767773	Chrysene-d12	13.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Behenic alcohol	326	C22H46O	000661-19-8	95
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	93



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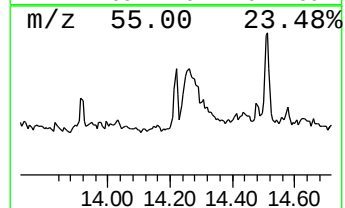
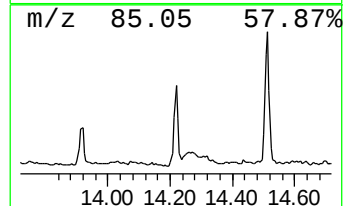
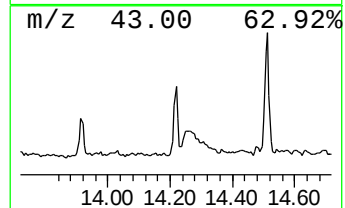
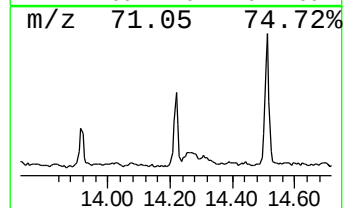
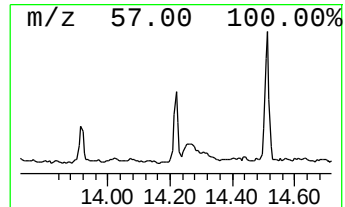
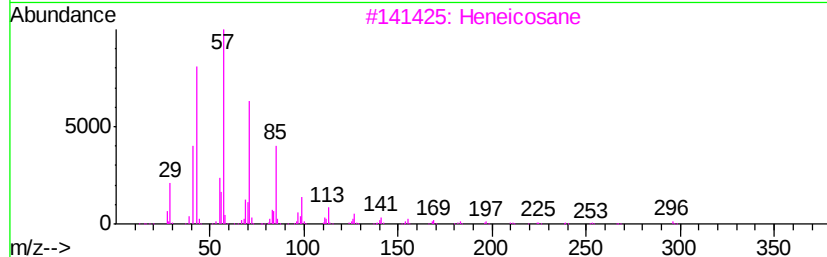
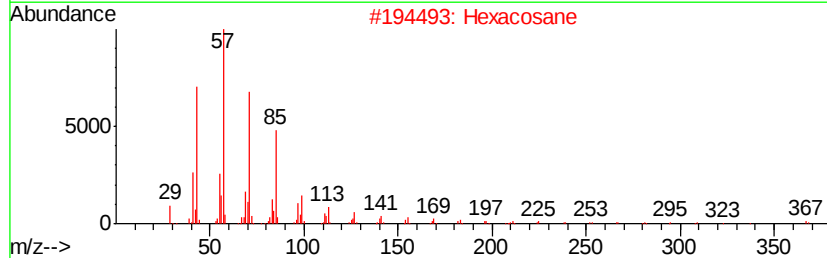
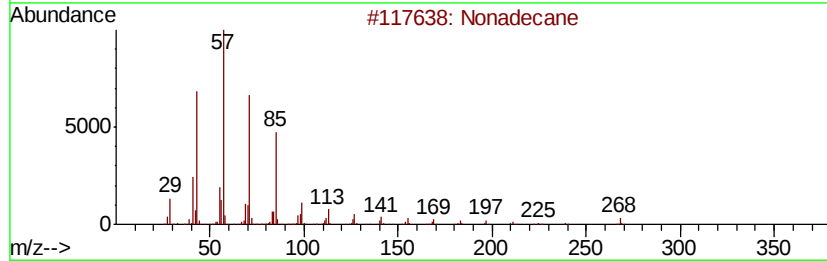
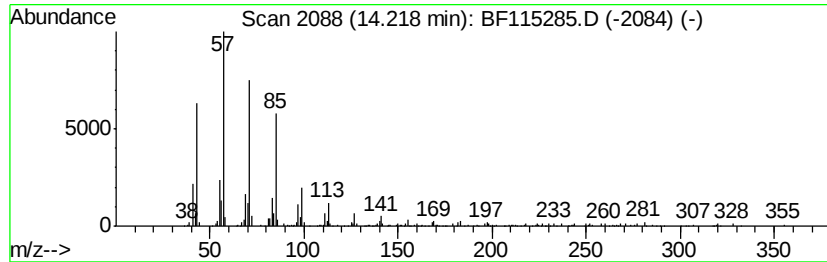
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.05 ng	185893	Chrysene-d12	13.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Octadecane		254	C18H38	000593-45-3	87
5	Tetracosane		338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115285.D
Acq On : 28 Jun 2019 17:03
Operator : HP/JU
Sample : K3555-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-9

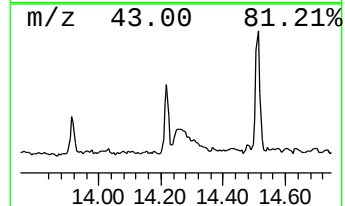
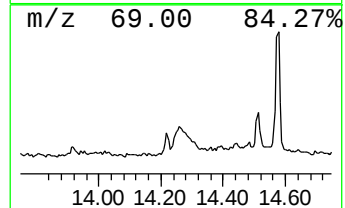
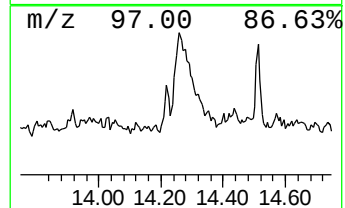
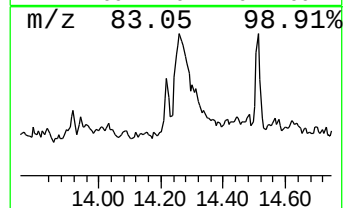
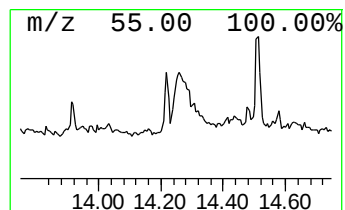
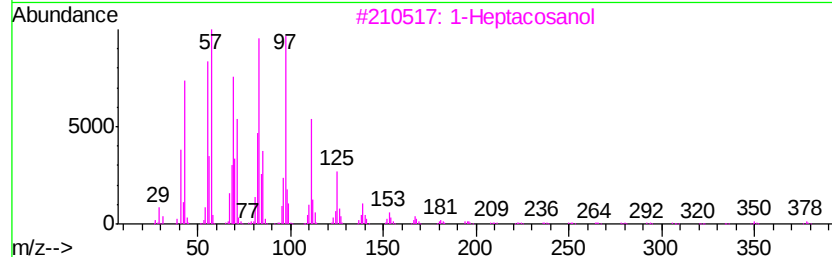
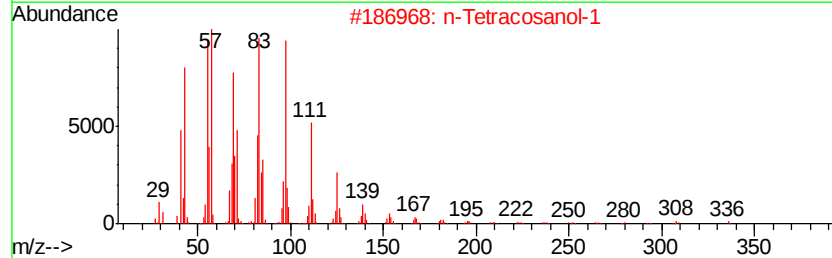
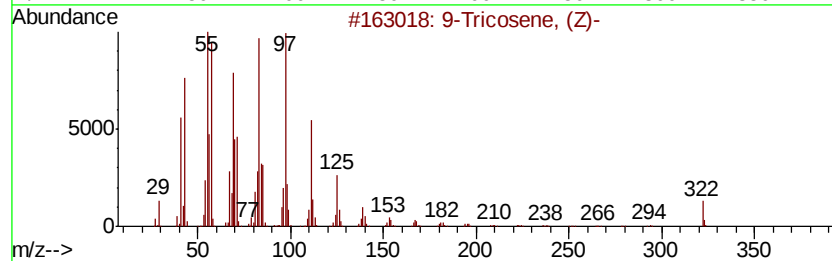
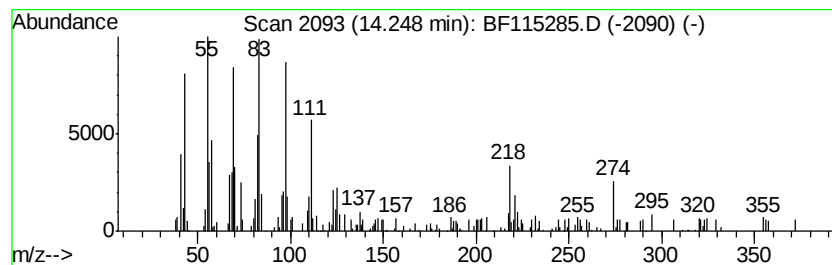
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Tricosene, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.75 ng	249457	Chrysene-d12	13.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	87
3		1-Heptacosanol	396	C27H56O	002004-39-9	80
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	80
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115285.D
Acq On : 28 Jun 2019 17:03
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Misc :
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ClientSampleId :
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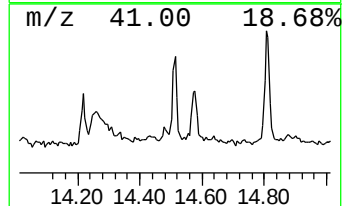
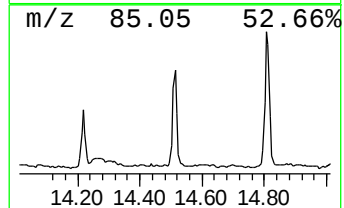
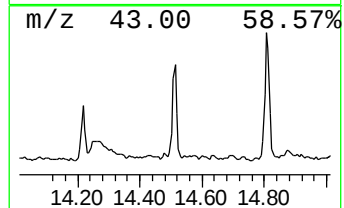
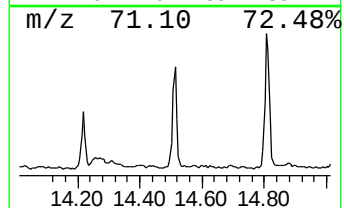
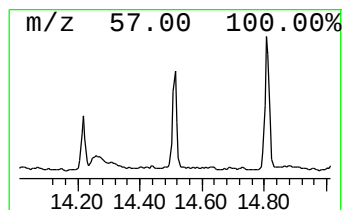
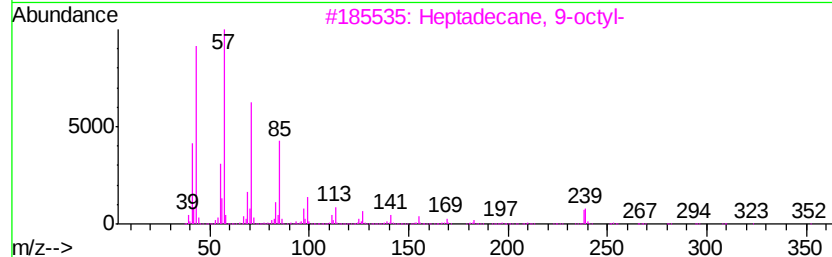
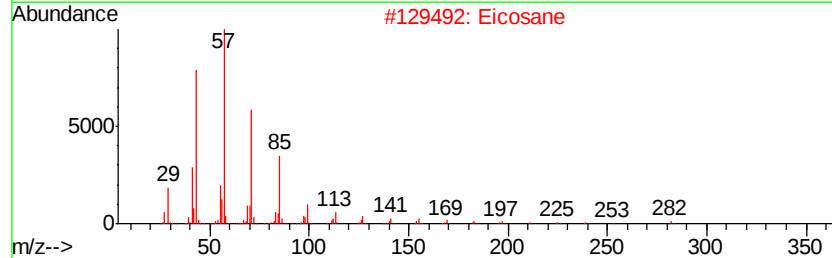
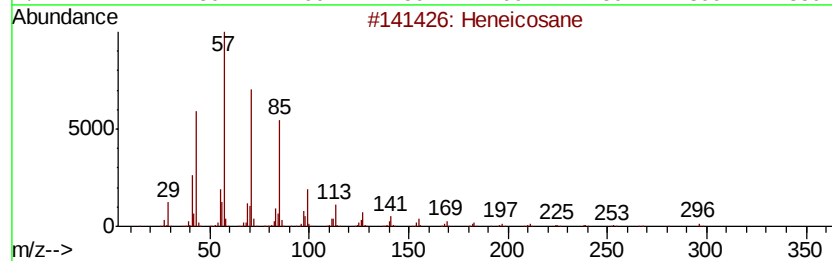
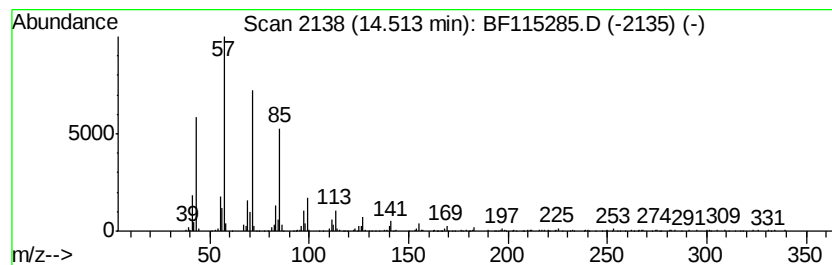
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	3.56 ng	312959	Perylene-d12	15.07

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	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115285.D
Acq On : 28 Jun 2019 17:03
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Sample : K3555-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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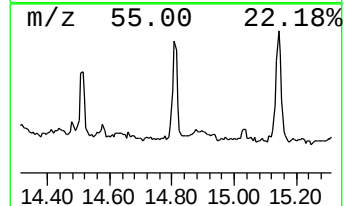
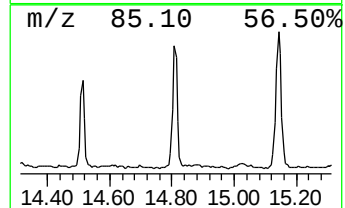
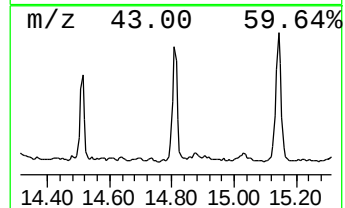
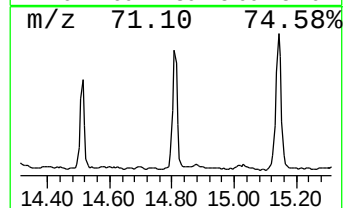
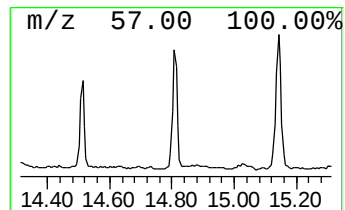
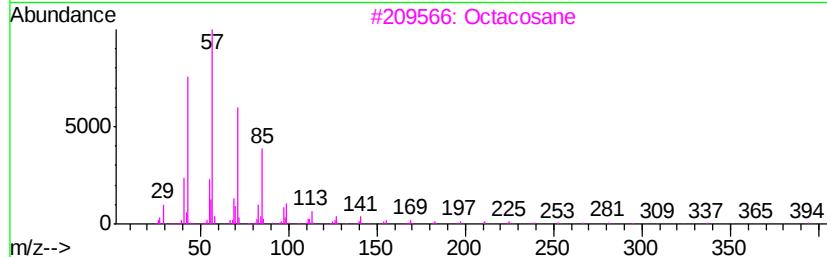
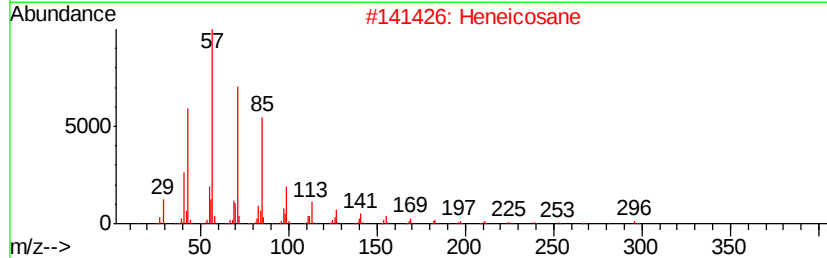
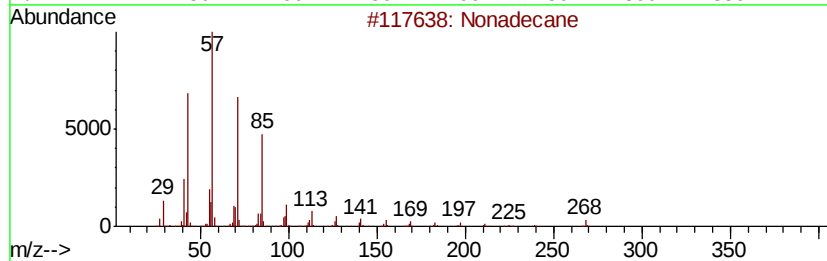
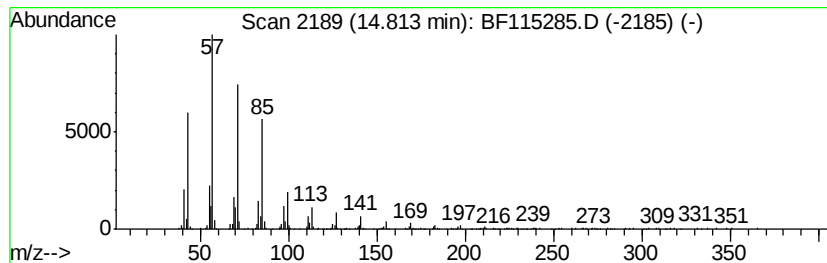
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	5.22 ng	458675	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115285.D
Acq On : 28 Jun 2019 17:03
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Sample : K3555-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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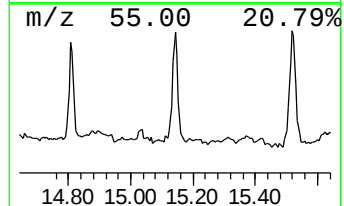
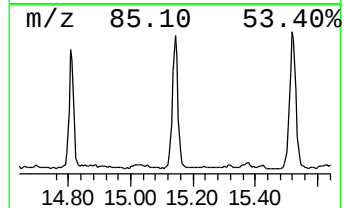
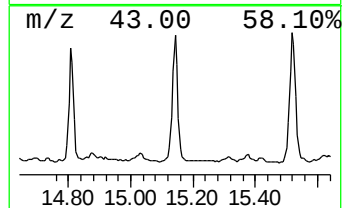
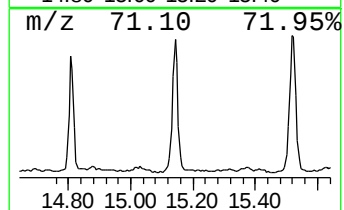
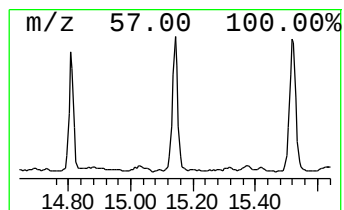
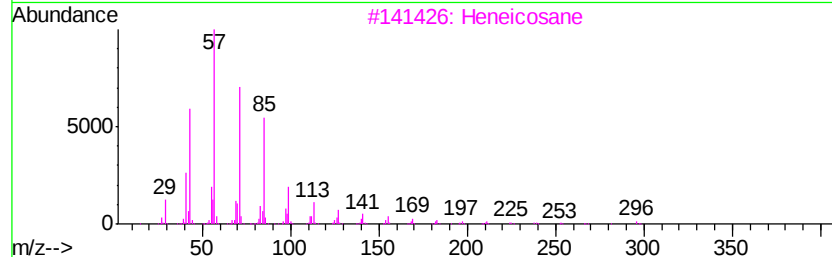
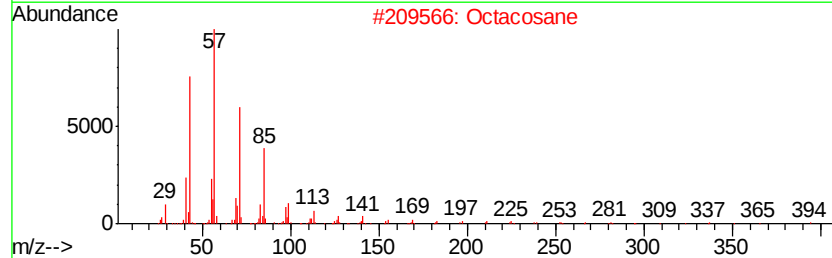
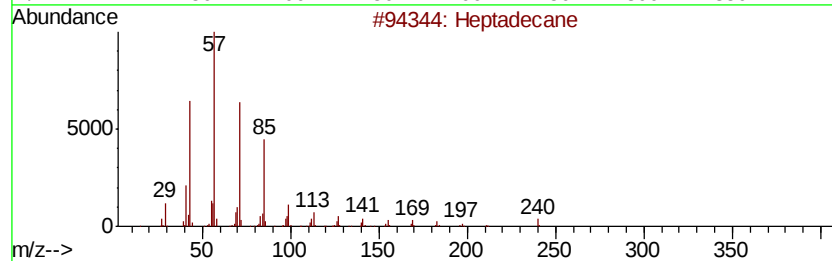
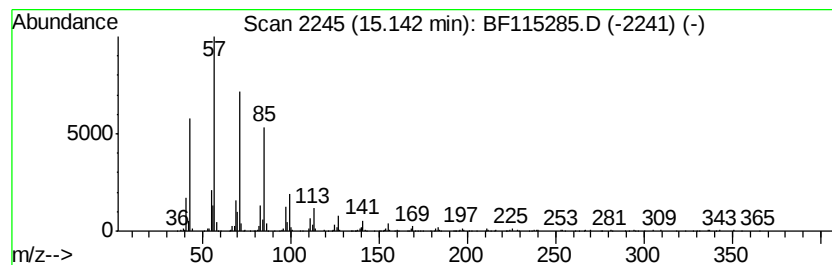
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	7.40 ng	650305	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115285.D
Acq On : 28 Jun 2019 17:03
Operator : HP/JU
Sample : K3555-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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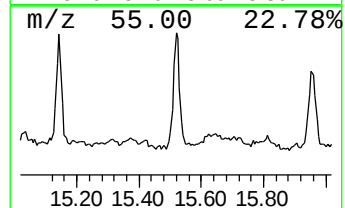
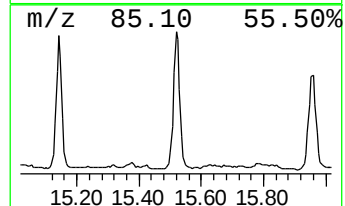
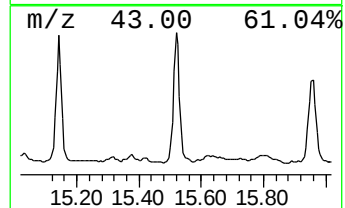
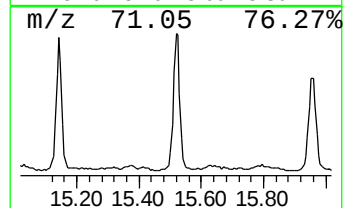
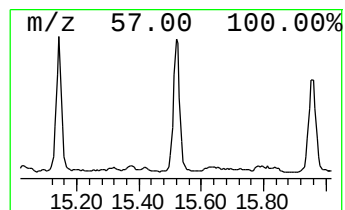
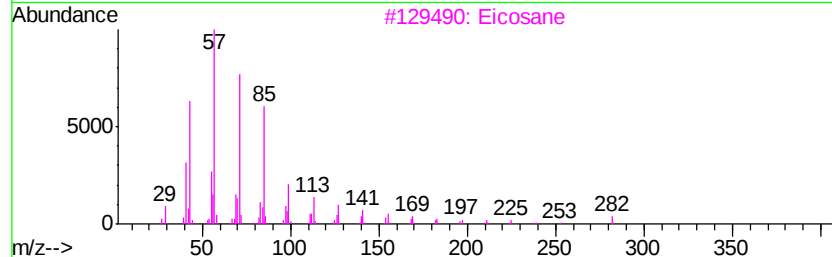
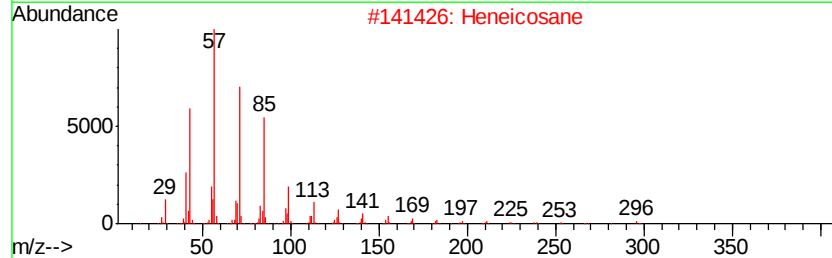
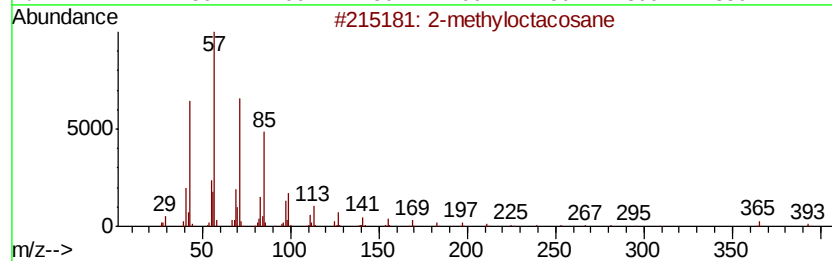
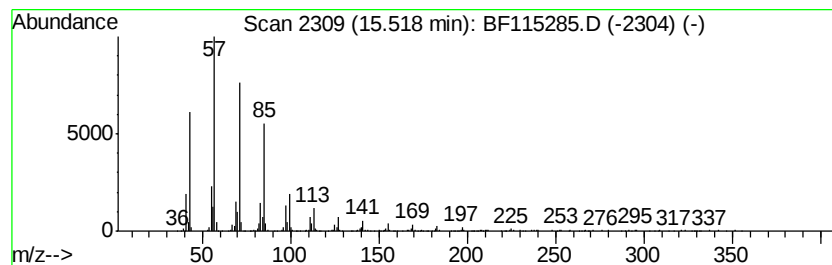
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	8.67 ng	761553	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115285.D
Acq On : 28 Jun 2019 17:03
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Sample : K3555-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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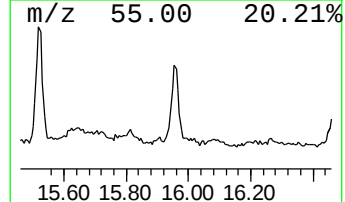
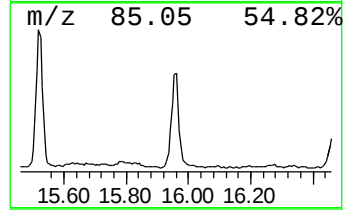
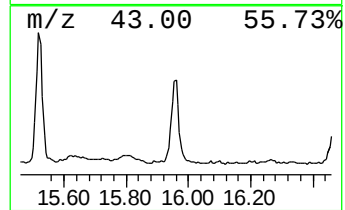
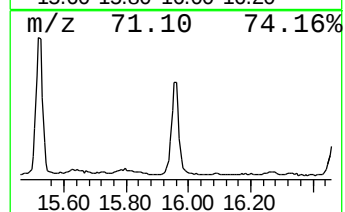
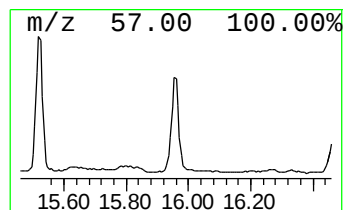
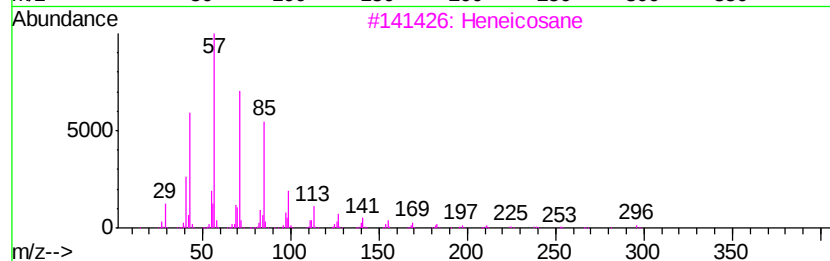
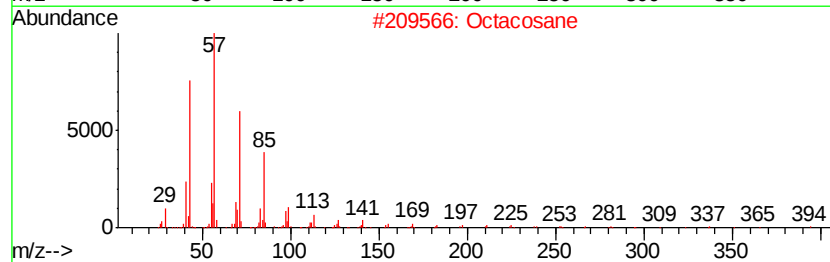
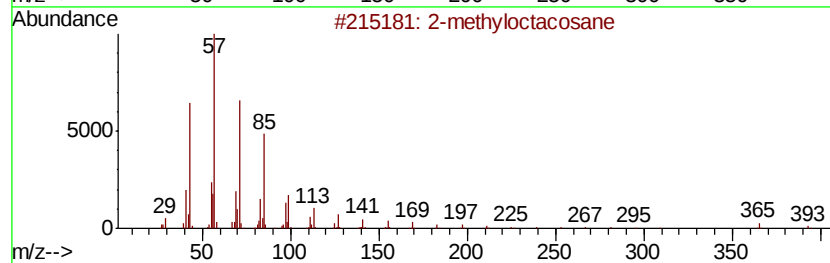
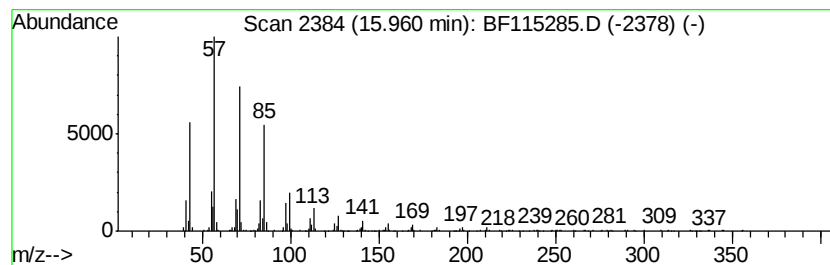
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	6.67 ng	586176	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115285.D
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Operator : HP/JU
Sample : K3555-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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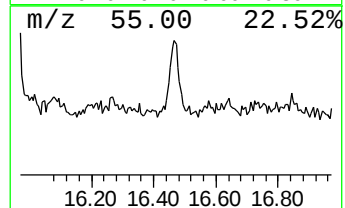
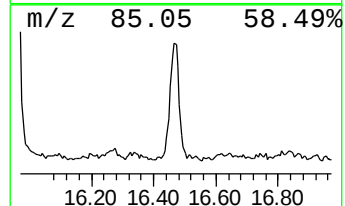
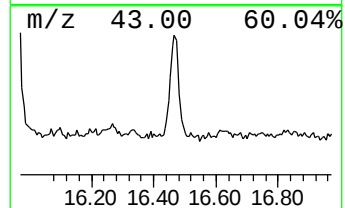
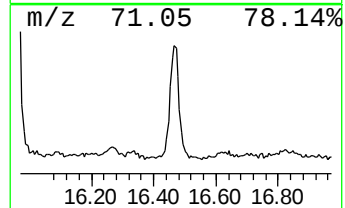
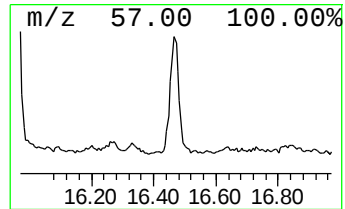
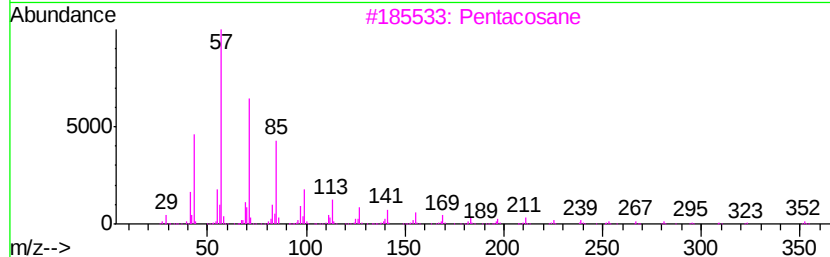
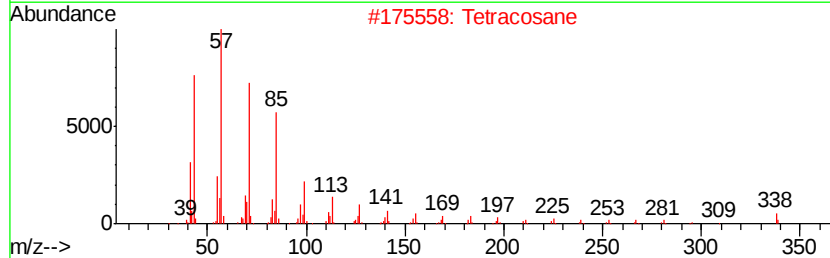
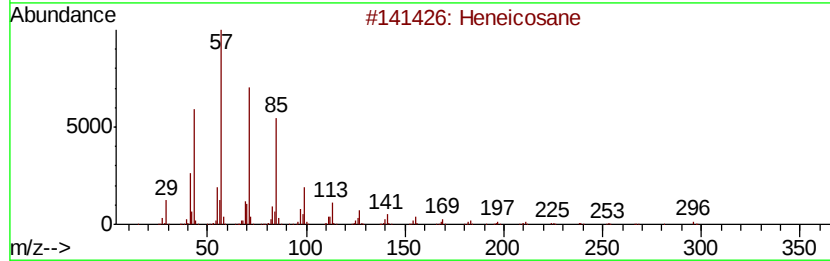
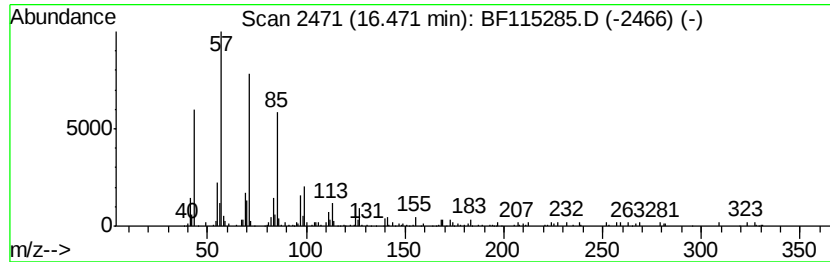
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Triacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.68 ng	235745	Perylene-d12	15.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Pentacosane	352	C25H52	000629-99-2	91
4			Triacontane	422	C30H62	000638-68-6	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062819\
 Data File : BF115285.D
 Acq On : 28 Jun 2019 17:03
 Operator : HP/JU
 Sample : K3555-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-9

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,...	4.43	2.4	ng	155250	1	6.60	1282790	20.0
unknown6.37	6.37	67.6	ng	4336200	1	6.60	1282790	20.0
n-Hexadecanoic acid	11.64	4.1	ng	417218	4	11.10	2020740	20.0
Octadecanoic acid	12.42	6.0	ng	541858	5	13.71	1817360	20.0
1-Heneicosanol	13.62	8.4	ng	767773	5	13.71	1817360	20.0
Nonadecane	14.22	2.0	ng	185893	5	13.71	1817360	20.0
9-Tricosene, (Z)-	14.25	2.8	ng	249457	5	13.71	1817360	20.0
Heneicosane	14.51	3.6	ng	312959	6	15.07	1756420	20.0
Octadecane	14.81	5.2	ng	458675	6	15.07	1756420	20.0
Heptadecane	15.14	7.4	ng	650305	6	15.07	1756420	20.0
2-methyloctacosane	15.52	8.7	ng	761553	6	15.07	1756420	20.0
Hexacosane	15.96	6.7	ng	586176	6	15.07	1756420	20.0
Triacontane	16.47	2.7	ng	235745	6	15.07	1756420	20.0