

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116822.D
 Acq On : 4 Sep 2019 18:15
 Operator : HP/JU
 Sample : K4653-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 287

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-BF083019.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	rVB	173924	174097	9.92%	1.327%
2	5.469	570	575	578	rBV	971504	863206	49.19%	6.581%
3	6.481	742	747	754	rBV	1563202	1525223	86.91%	11.628%
4	6.622	766	771	774	rBV	1442617	1287710	73.37%	9.817%
5	6.675	776	780	789	rVB	80729	68410	3.90%	0.522%
6	6.851	806	810	813	rBV	464315	374290	21.33%	2.853%
7	7.004	833	836	840	rBV	1292942	1198079	68.27%	9.134%
8	7.410	900	905	908	rBV	995776	949621	54.11%	7.240%
9	8.127	1024	1027	1031	rBV	557387	483315	27.54%	3.685%
10	9.204	1206	1210	1213	rBV	2196658	1755018	100.00%	13.380%
11	9.592	1273	1276	1281	rVB	235825	203932	11.62%	1.555%
12	9.880	1322	1325	1329	rVB	648462	541064	30.83%	4.125%
13	10.316	1396	1399	1402	rVB2	27943	22638	1.29%	0.173%
14	10.539	1432	1437	1441	rBV	32263	34822	1.98%	0.265%
15	10.668	1455	1459	1467	rVB	452576	405278	23.09%	3.090%
16	10.804	1476	1482	1488	rVB2	52667	75172	4.28%	0.573%
17	11.233	1550	1555	1558	rBV2	28633	26470	1.51%	0.202%
18	11.363	1574	1577	1581	rBV	539120	480635	27.39%	3.664%
19	11.886	1664	1666	1670	rBV2	74314	62720	3.57%	0.478%
20	12.945	1842	1846	1849	rBV	1598412	1321899	75.32%	10.078%
21	13.833	1994	1997	2006	rBV	177784	232410	13.24%	1.772%
22	13.992	2021	2024	2028	rVB	408163	389792	22.21%	2.972%
23	14.162	2049	2053	2057	rBV5	46589	64692	3.69%	0.493%
24	14.462	2102	2104	2109	rBV3	55575	63438	3.61%	0.484%
25	14.768	2153	2156	2160	rVB	61844	54333	3.10%	0.414%
26	15.103	2210	2213	2218	rVB2	66103	76315	4.35%	0.582%
27	15.451	2268	2272	2275	rBV	266662	319707	18.22%	2.437%
28	15.909	2347	2350	2354	rBV2	45302	62661	3.57%	0.478%

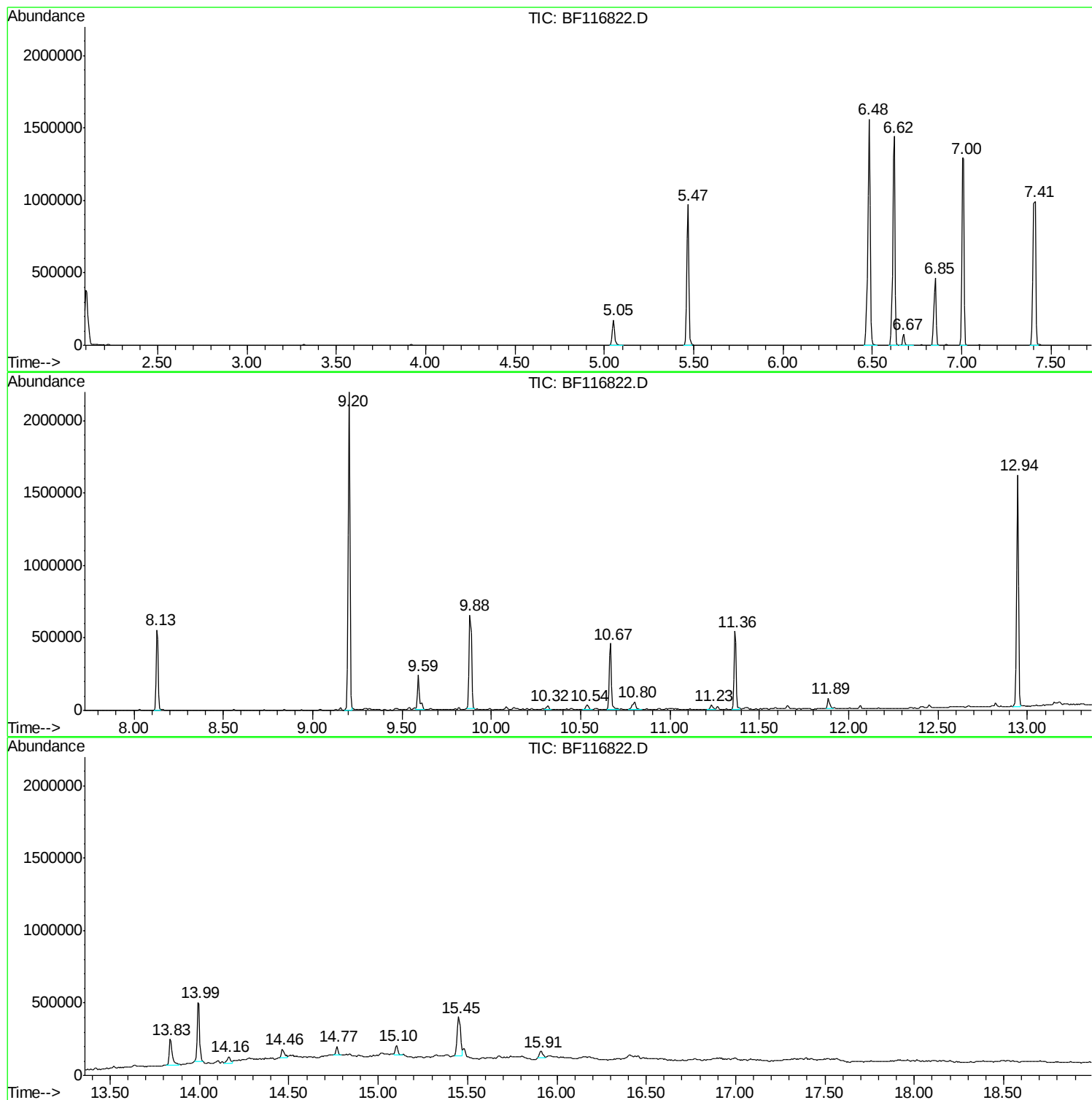
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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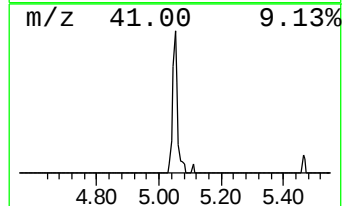
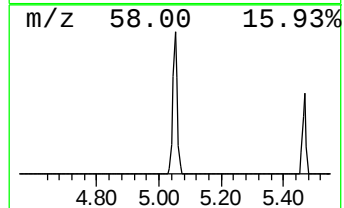
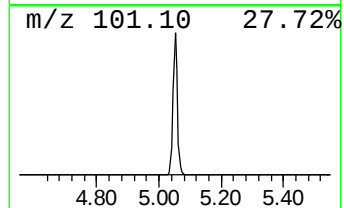
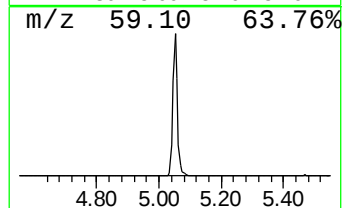
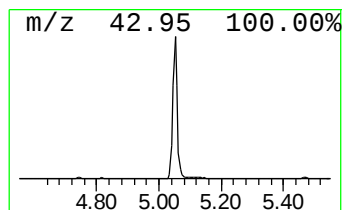
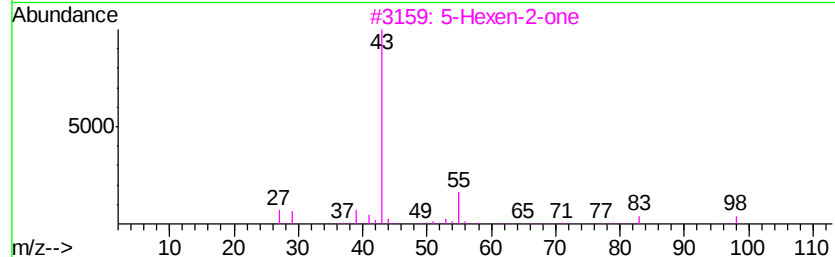
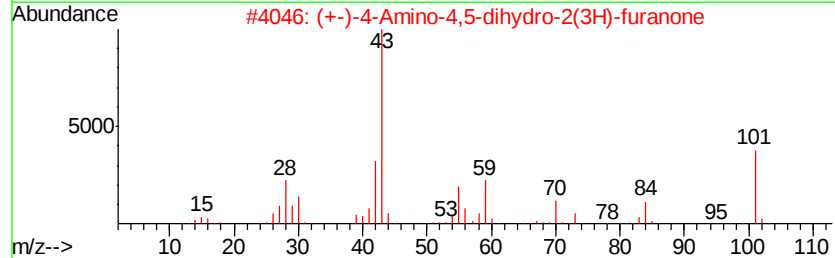
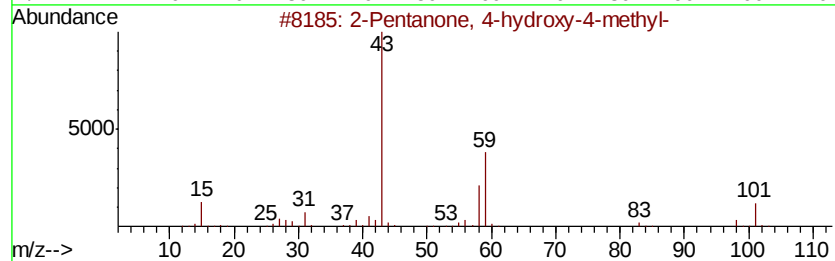
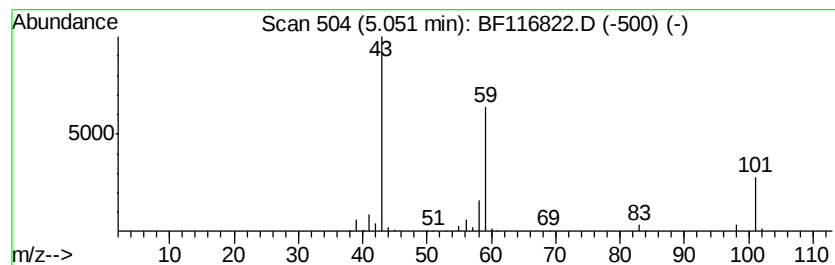
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	9.30 ng	174097	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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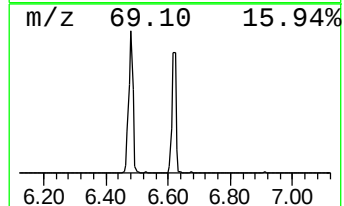
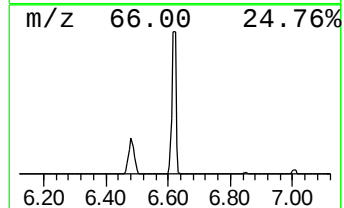
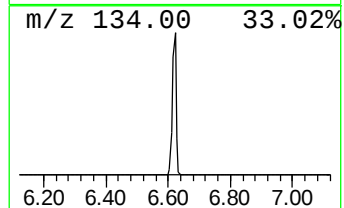
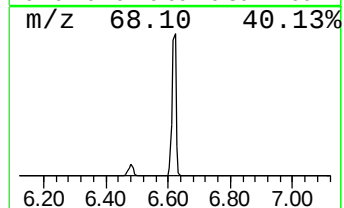
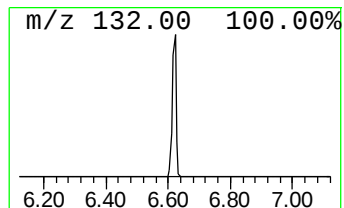
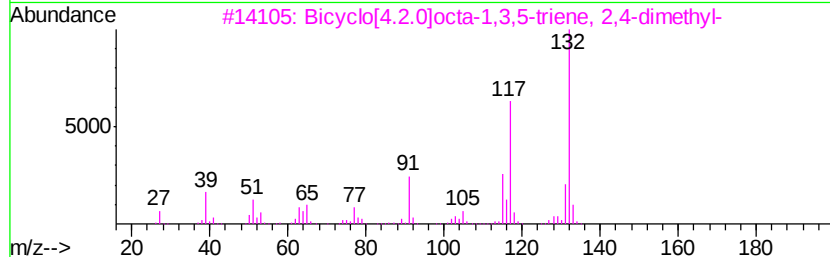
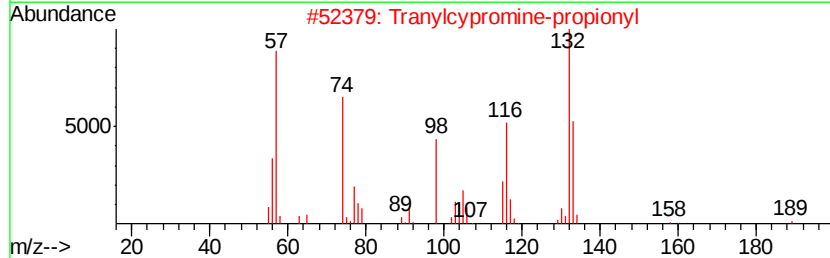
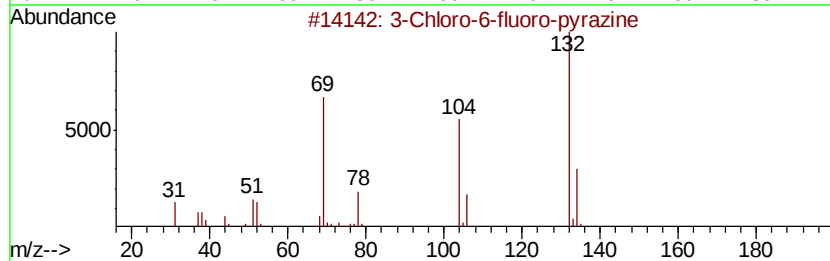
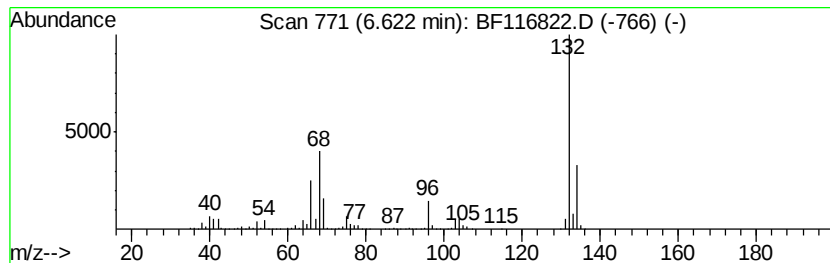
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Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	68.81 ng	1287710	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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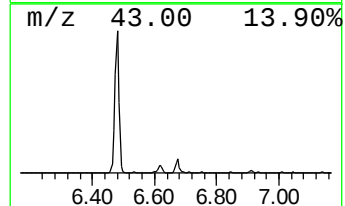
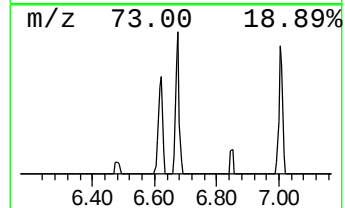
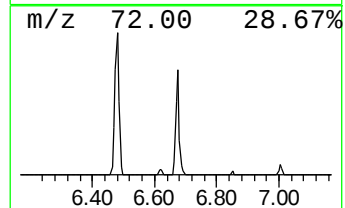
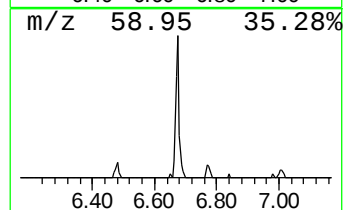
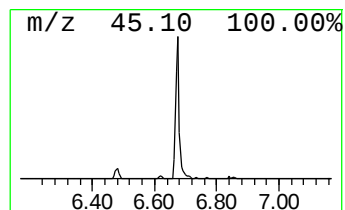
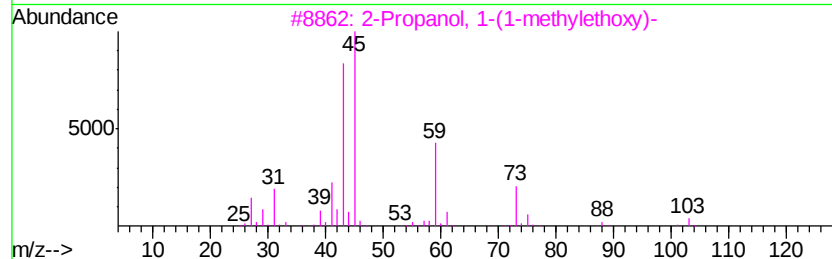
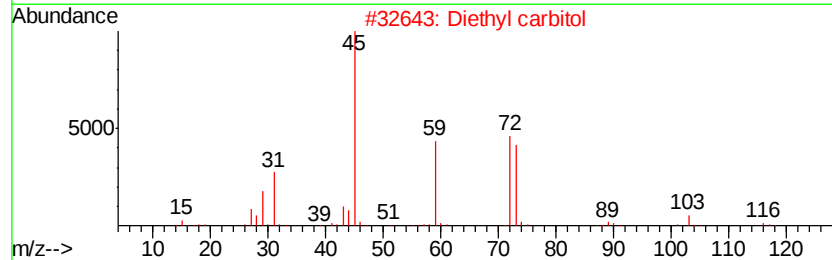
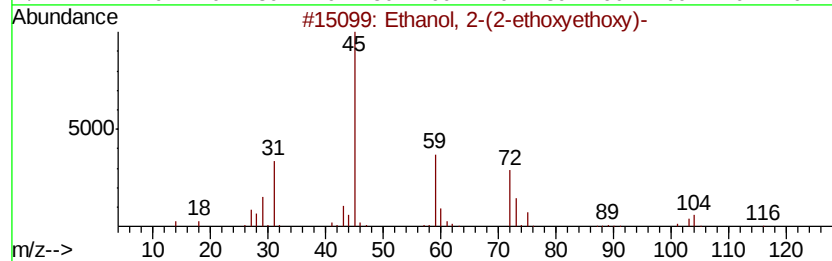
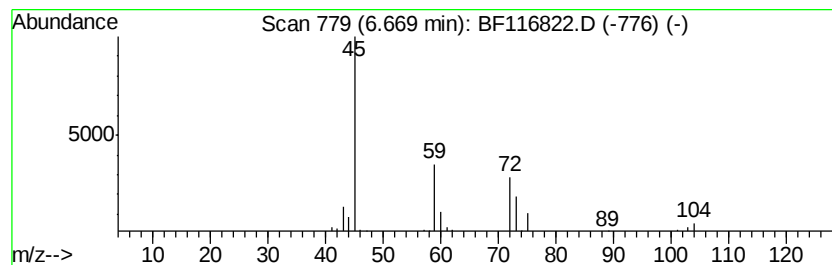
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Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	3.66 ng	68410	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-ethoxvethoxy)-	134	C6H14O3	000111-90-0	90
2			Diethyl carbitol	162	C8H18O3	000112-36-7	78
3			2-Propanol, 1-(1-methvlethoxy)-	118	C6H14O2	003944-36-3	50
4			Ethanol, 2-[2-(2-ethoxvethoxy)et...	178	C8H18O4	000112-50-5	45
5			Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42



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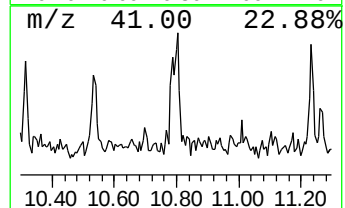
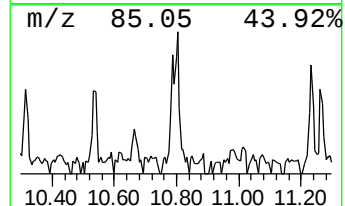
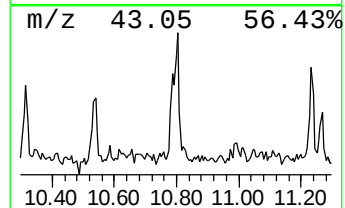
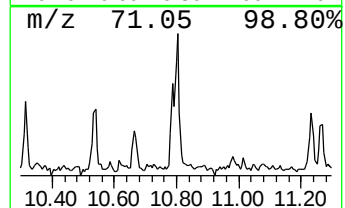
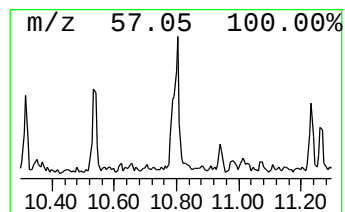
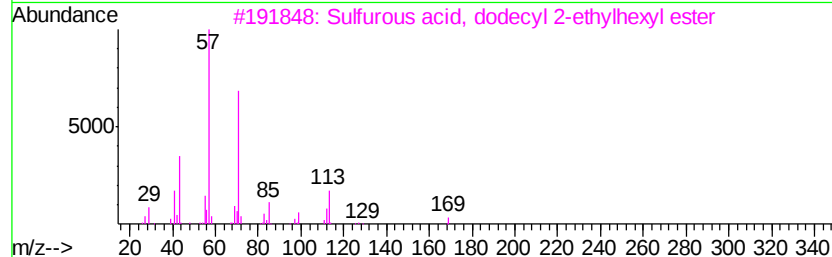
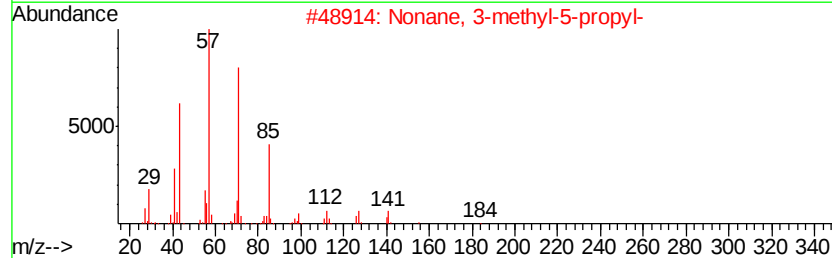
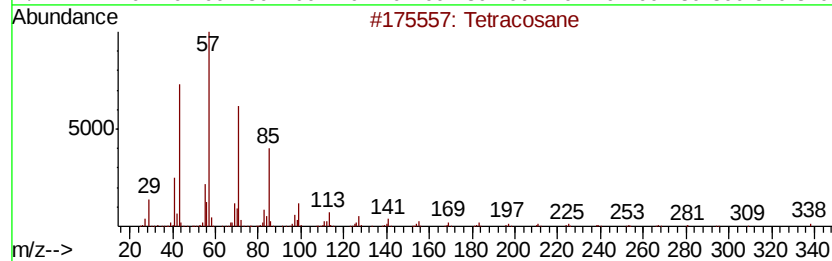
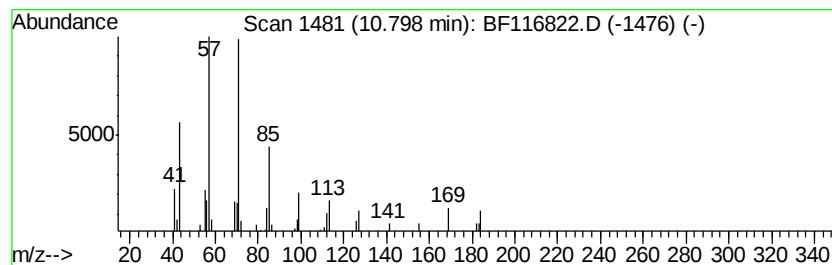
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Peak Number 5 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.13 ng	75172	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	72
2		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
3		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64



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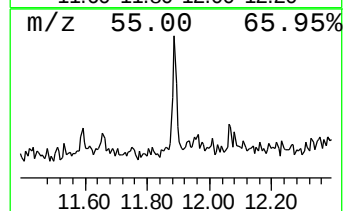
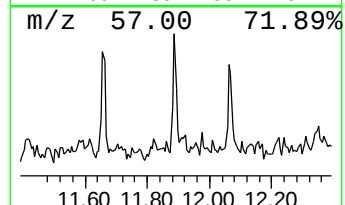
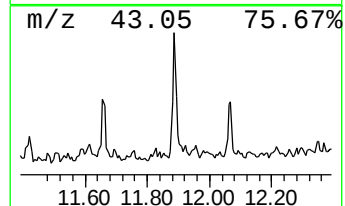
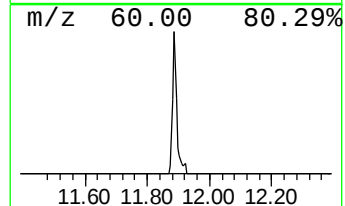
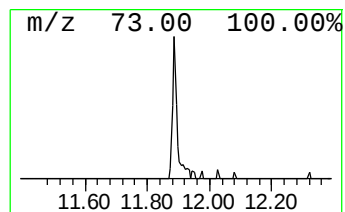
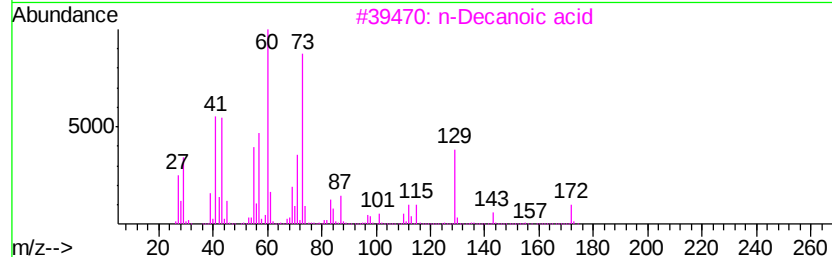
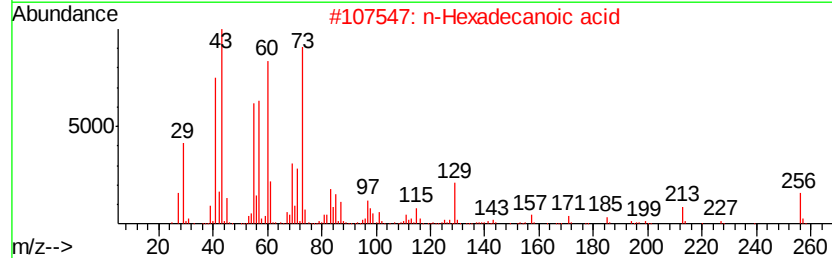
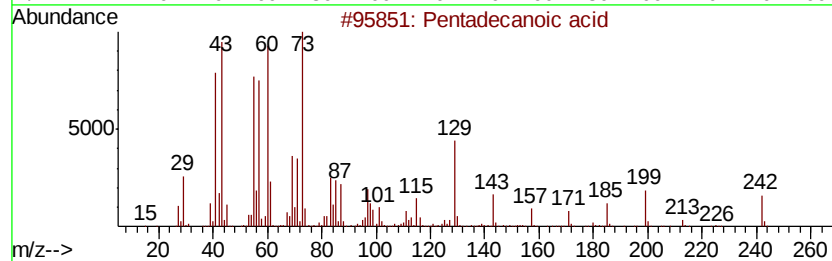
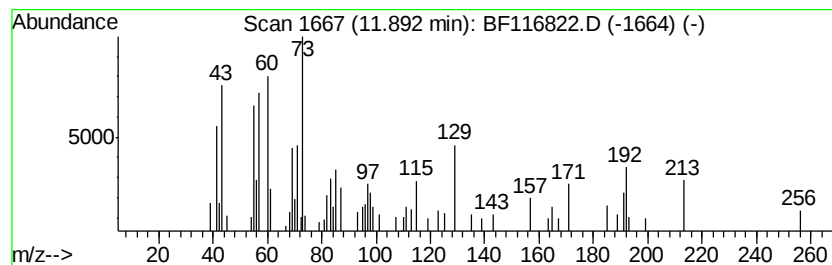
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Pentadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.61 ng	62720	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
3		n-Decanoic acid	172	C10H20O2	000334-48-5	59
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18
5		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	18



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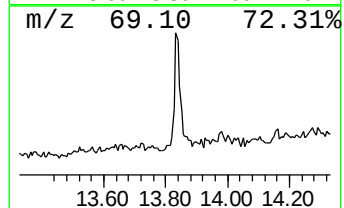
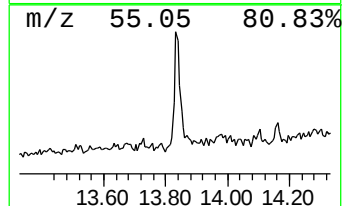
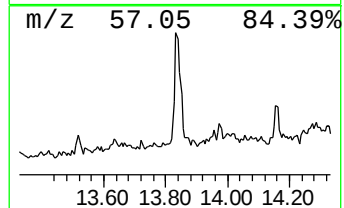
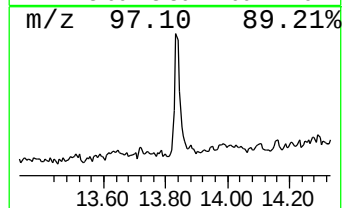
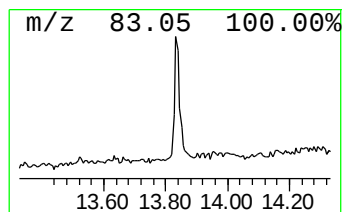
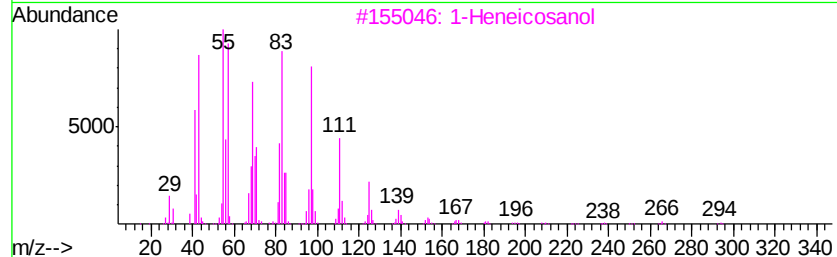
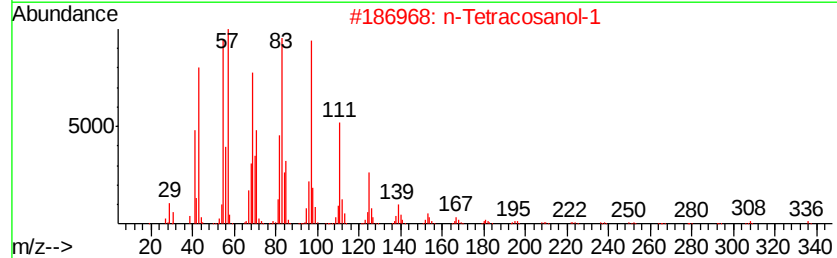
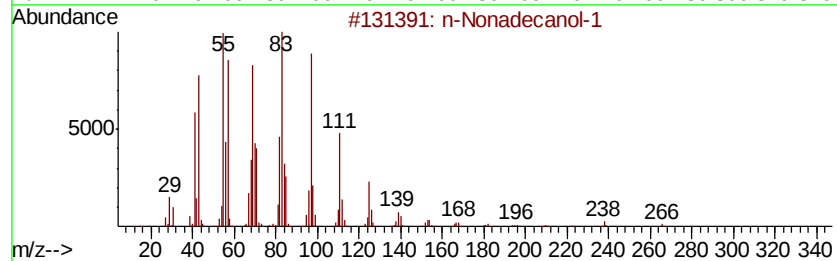
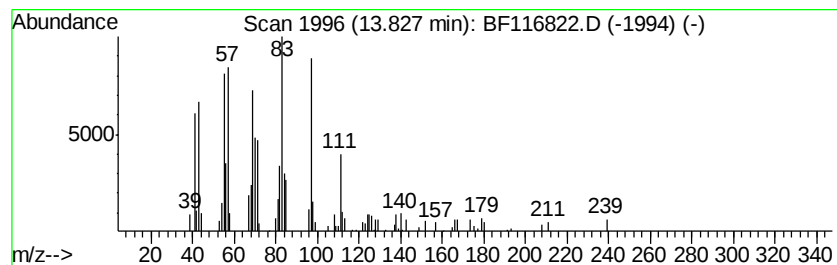
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	11.92 ng	232410	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93	
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91	
3	1-Heneicosanol	312	C21H44O	015594-90-8	91	
4	1-Nonadecene	266	C19H38	018435-45-5	91	
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116822.D
Acq On : 4 Sep 2019 18:15
Operator : HP/JU
Sample : K4653-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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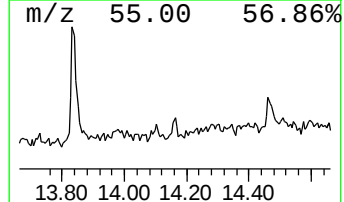
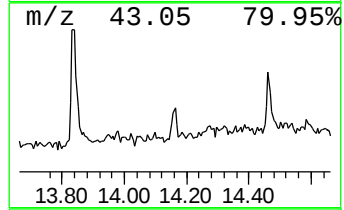
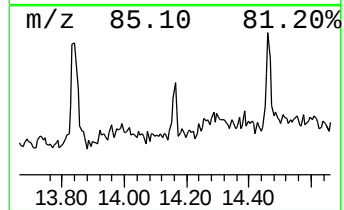
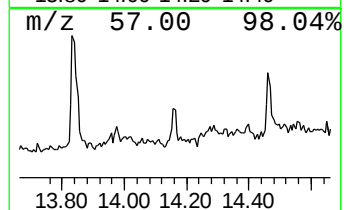
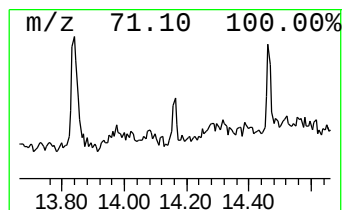
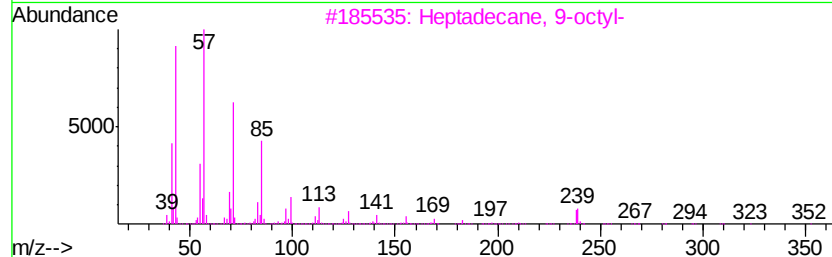
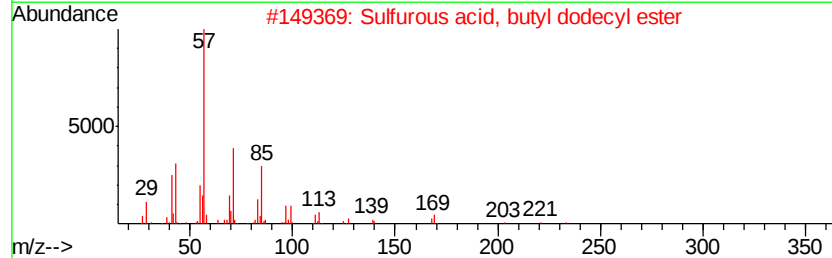
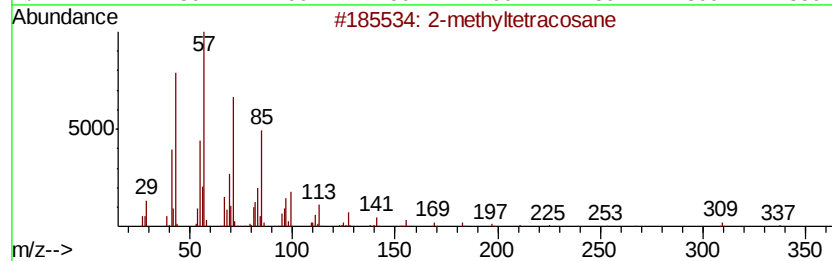
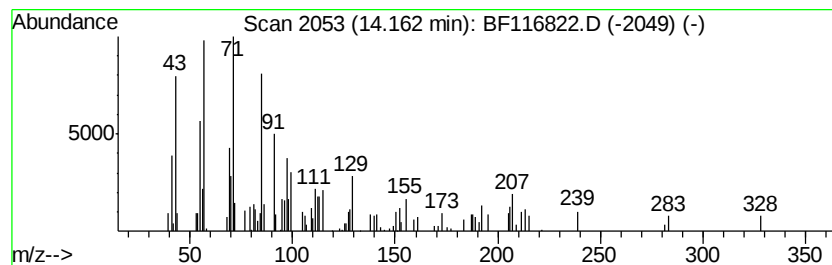
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-methyltetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	3.32 ng	64692	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane		352	C25H52	1000376-72-6	64
2	Sulfurous acid, butyl dodecyl ester		306	C16H34O3S	1000309-17-9	59
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	53
4	Heneicosane		296	C21H44	000629-94-7	53
5	2-methyloctacosane		408	C29H60	1000376-72-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116822.D
Acq On : 4 Sep 2019 18:15
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Sample : K4653-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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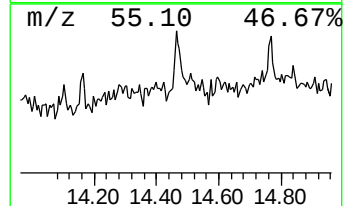
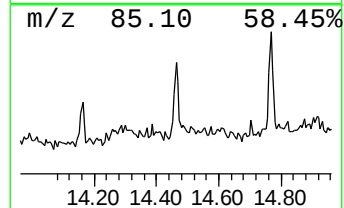
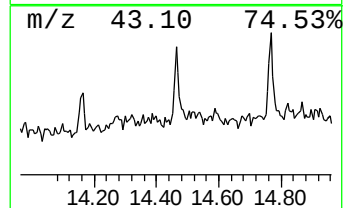
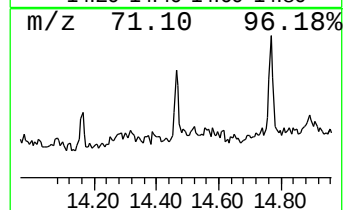
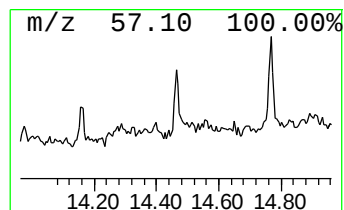
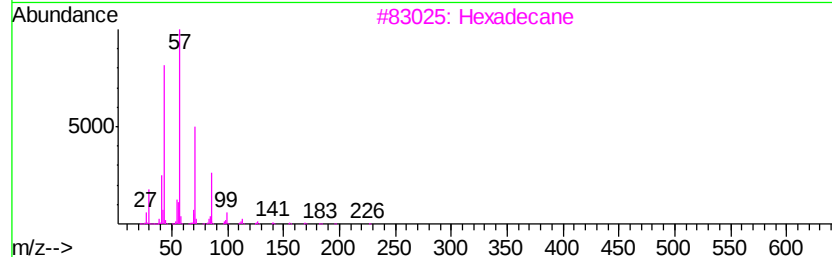
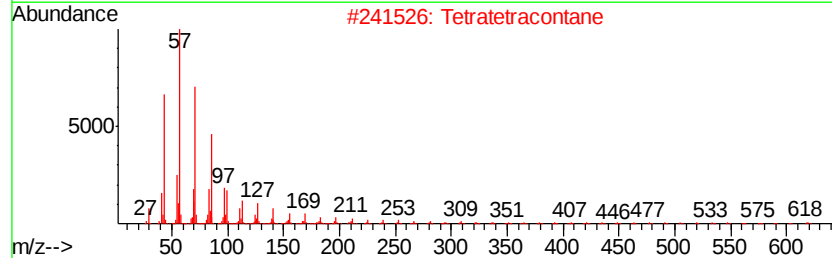
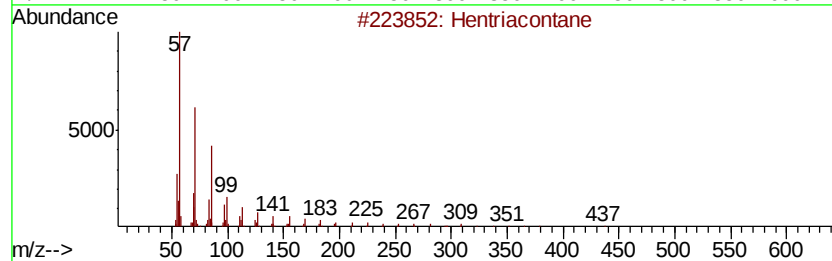
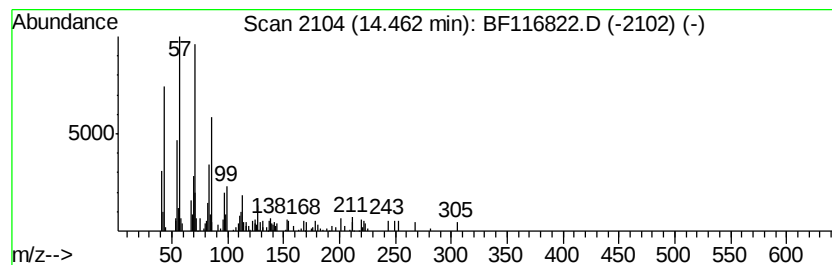
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.25 ng	63438	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	83
2	Tetratetracontane		619	C44H90	007098-22-8	80
3	Hexadecane		226	C16H34	000544-76-3	72
4	Pentadecane		212	C15H32	000629-62-9	58
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116822.D
Acq On : 4 Sep 2019 18:15
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Sample : K4653-01
Misc :
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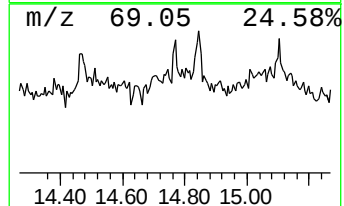
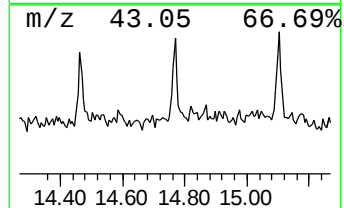
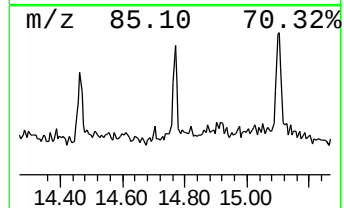
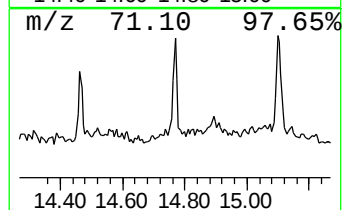
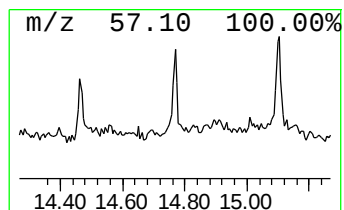
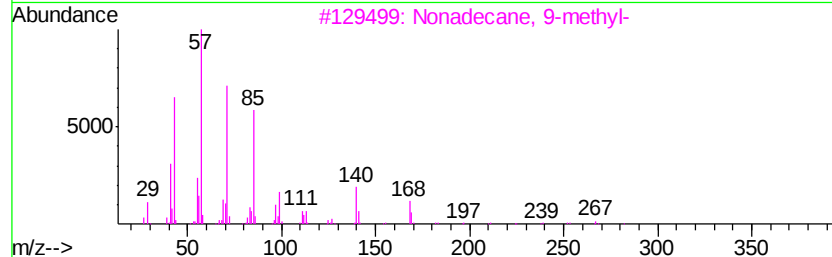
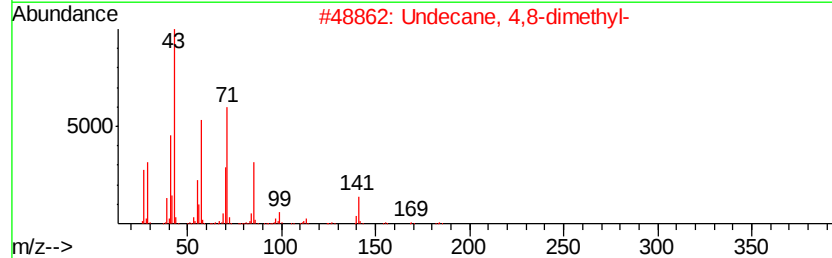
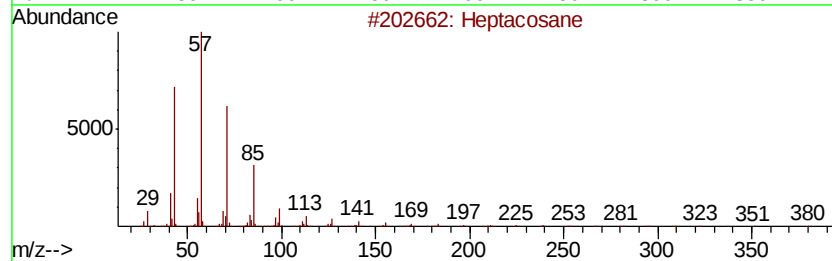
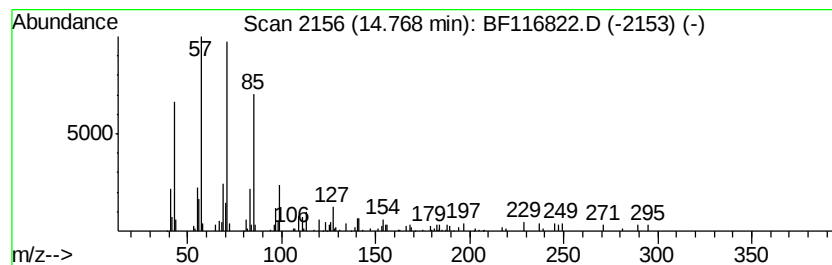
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.40 ng	54333	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	72
2	Undecane, 4,8-dimethyl-	184 C13H28	017301-33-6	64
3	Nonadecane, 9-methyl-	282 C20H42	013287-24-6	64
4	2-Bromotetradecane	276 C14H29Br	074036-95-6	64
5	Heptadecane	240 C17H36	000629-78-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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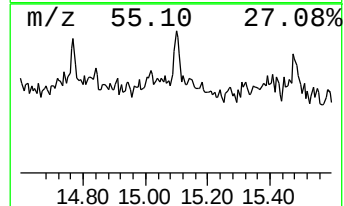
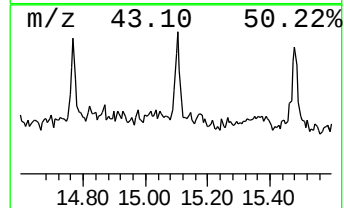
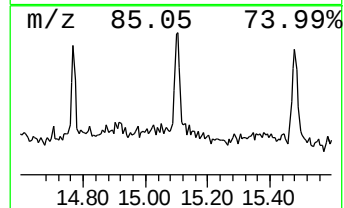
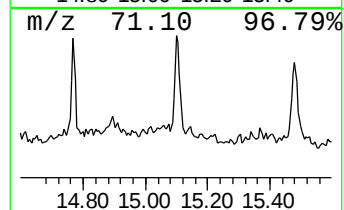
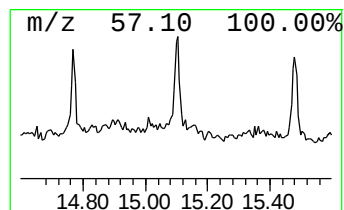
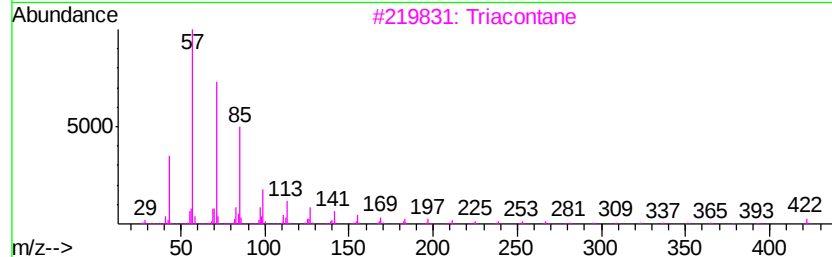
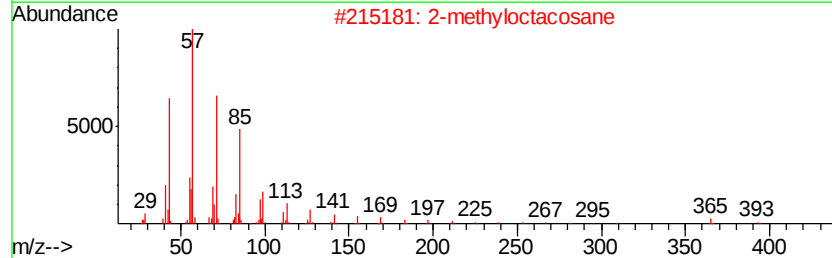
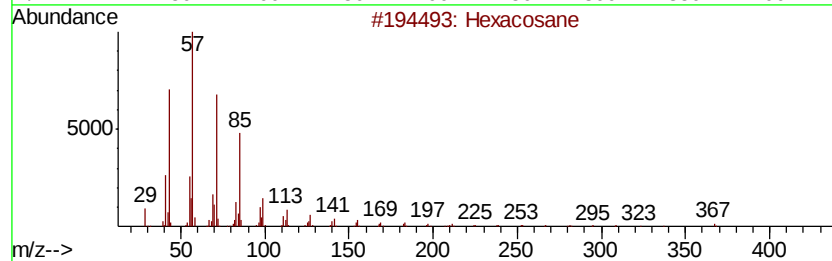
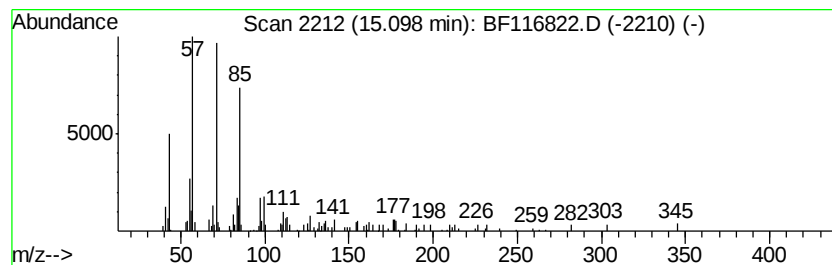
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.77 ng	76315	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	90
2	2-methyloctacosane	408 C29H60	1000376-72-8	87
3	Triacontane	422 C30H62	000638-68-6	87
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	87
5	Heptacosane	380 C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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Sample : K4653-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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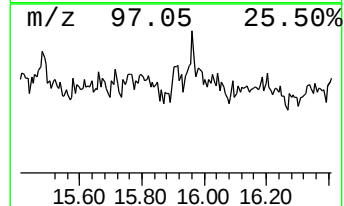
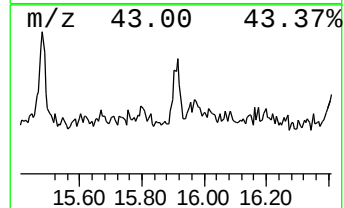
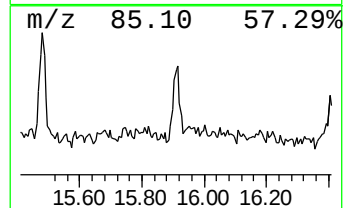
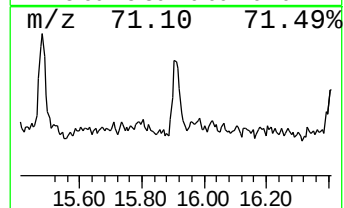
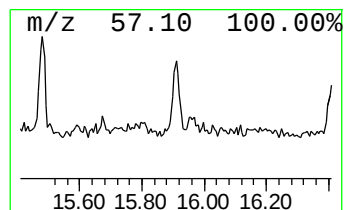
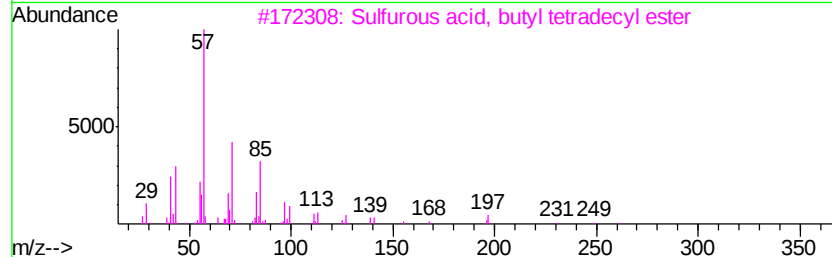
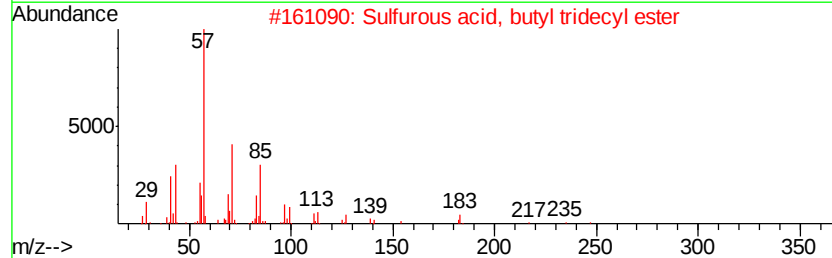
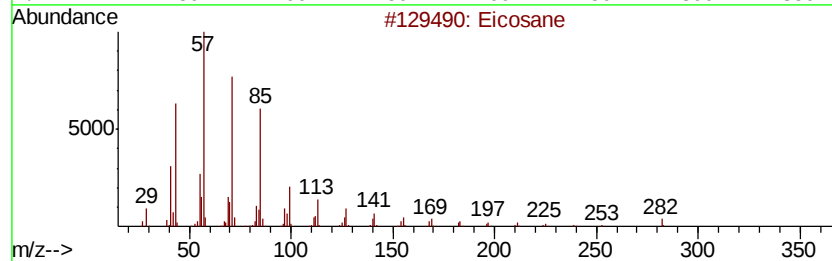
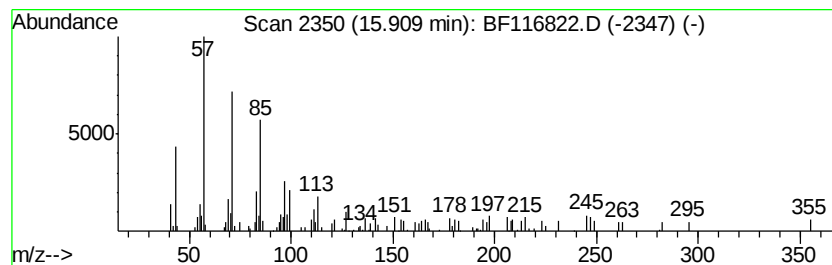
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	3.92 ng	62661	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
3		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	64
4		5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	58
5		Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090419\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	9.3	ng	174097	1	6.85	374290	20.0
unknown6.62	6.62	68.8	ng	1287710	1	6.85	374290	20.0
Ethanol, 2-(2-eth...	6.67	3.7	ng	68410	1	6.85	374290	20.0
Tetracosane	10.80	3.1	ng	75172	4	11.36	480635	20.0
Pentadecanoic acid	11.89	2.6	ng	62720	4	11.36	480635	20.0
n-Nonadecanol-1	13.83	11.9	ng	232410	5	14.00	389792	20.0
2-methyltetracosane	14.16	3.3	ng	64692	5	14.00	389792	20.0
Hentriacontane	14.46	3.3	ng	63438	5	14.00	389792	20.0
Heptacosane	14.77	3.4	ng	54333	6	15.45	319707	20.0
Hexacosane	15.10	4.8	ng	76315	6	15.45	319707	20.0
Eicosane	15.91	3.9	ng	62661	6	15.45	319707	20.0