

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114726.D
 Acq On : 1 Jun 2019 00:07
 Operator : HP/JU
 Sample : K3104-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-251-688

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-BF052919.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	5.316	542	549	552	rBV	8421411	10360668	95.07%	9.851%
2	6.340	715	723	726	rBV	8394936	10607358	97.34%	10.085%
3	6.469	739	745	748	rBV	9525473	10897708	100.00%	10.361%
4	6.692	780	783	787	rVB	3011996	2568854	23.57%	2.442%
5	6.851	805	810	814	rBV	8146024	8335427	76.49%	7.925%
6	7.257	872	879	882	rBV	6425113	7196545	66.04%	6.842%
7	7.975	996	1001	1004	rBV	3821823	3296691	30.25%	3.134%
8	8.416	1072	1076	1079	rBV	101150	136026	1.25%	0.129%
9	9.051	1178	1184	1187	rBV	10118237	10616737	97.42%	10.094%
10	9.133	1194	1198	1202	rBV3	153936	192309	1.76%	0.183%
11	9.439	1246	1250	1253	rBV	2266145	1918715	17.61%	1.824%
12	9.498	1257	1260	1264	rVB2	127180	135549	1.24%	0.129%
13	9.598	1274	1277	1280	rBV3	219777	284896	2.61%	0.271%
14	9.639	1282	1284	1287	rVB	546166	478331	4.39%	0.455%
15	9.675	1287	1290	1293	rBV2	134323	171555	1.57%	0.163%
16	9.722	1293	1298	1304	rVV	4112689	3907389	35.86%	3.715%
17	9.775	1304	1307	1311	rBV	168469	222976	2.05%	0.212%
18	9.992	1342	1344	1348	rBV2	132309	170498	1.56%	0.162%
19	10.098	1359	1362	1365	rBV4	175147	182296	1.67%	0.173%
20	10.133	1365	1368	1372	rVV2	480637	468057	4.30%	0.445%
21	10.504	1426	1431	1434	rBV	6530024	6869644	63.04%	6.532%
22	11.192	1545	1548	1551	rBV	3537705	3425734	31.44%	3.257%
23	11.216	1551	1552	1556	rVB	793465	483845	4.44%	0.460%
24	11.745	1639	1642	1647	rVB	1591354	1481485	13.59%	1.409%
25	12.398	1750	1753	1756	rBV	1224231	956472	8.78%	0.909%
26	12.521	1771	1774	1777	rBV	592140	612969	5.62%	0.583%
27	12.621	1789	1791	1794	rVB	787767	657258	6.03%	0.625%
28	12.780	1813	1818	1821	rVB	8086159	8013141	73.53%	7.619%
29	13.680	1968	1971	1978	rVB	1775130	1787105	16.40%	1.699%
30	13.816	1990	1994	1997	rBV	3112224	2926000	26.85%	2.782%
31	13.839	1997	1998	2000	rVB	265262	130236	1.20%	0.124%
32	14.310	2075	2078	2082	rBV	299201	326824	3.00%	0.311%
33	14.463	2101	2104	2107	rVB	153476	139980	1.28%	0.133%
34	14.604	2125	2128	2136	rVV	219336	282948	2.60%	0.269%

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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

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35	14.674	2136	2140	2145	rVB	385166	400399	3.67%	0.381%
36	14.810	2160	2163	2166	rBV	150692	195624	1.80%	0.186%
37	14.915	2178	2181	2188	rVB2	241433	304608	2.80%	0.290%
38	15.198	2224	2229	2234	rBV	1930461	2357742	21.64%	2.242%
39	15.262	2237	2240	2244	rVB	178679	214671	1.97%	0.204%
40	15.662	2304	2308	2311	rBV	198866	264988	2.43%	0.252%
41	15.698	2311	2314	2323	rVB2	244016	432925	3.97%	0.412%
42	15.868	2340	2343	2353	rVB10	60313	125884	1.16%	0.120%
43	16.121	2382	2386	2395	rVB3	77913	159512	1.46%	0.152%
44	16.657	2472	2477	2482	rBV	57561	115797	1.06%	0.110%
45	16.727	2483	2489	2497	rVV9	74059	200049	1.84%	0.190%
46	17.074	2543	2548	2558	rVB9	68890	161834	1.49%	0.154%

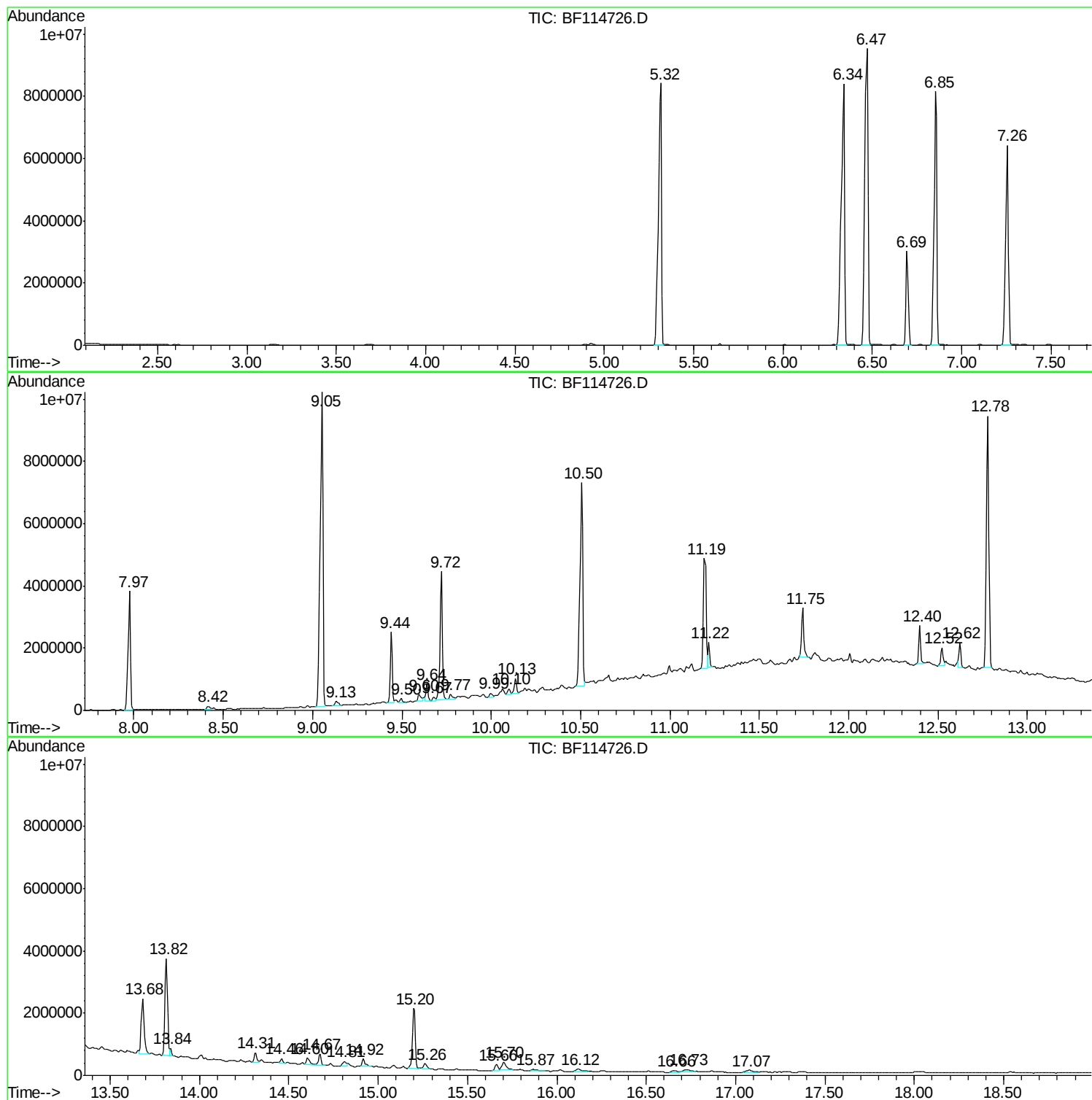
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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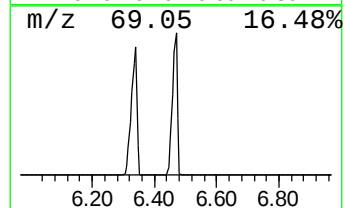
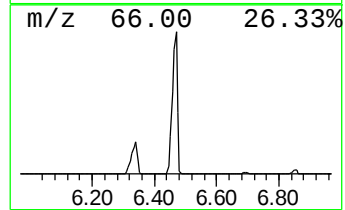
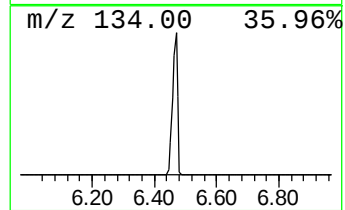
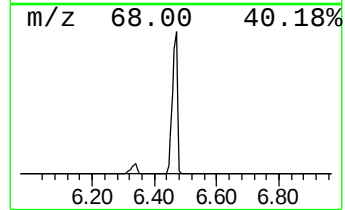
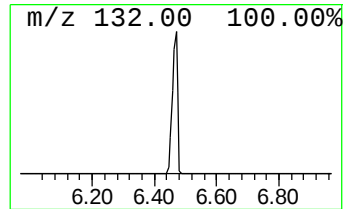
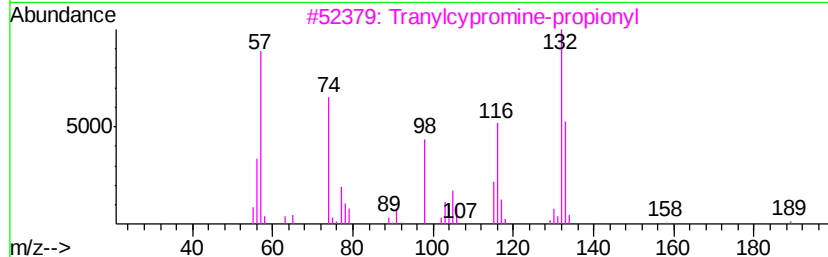
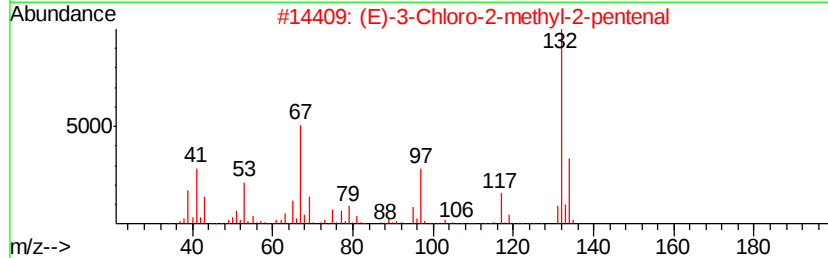
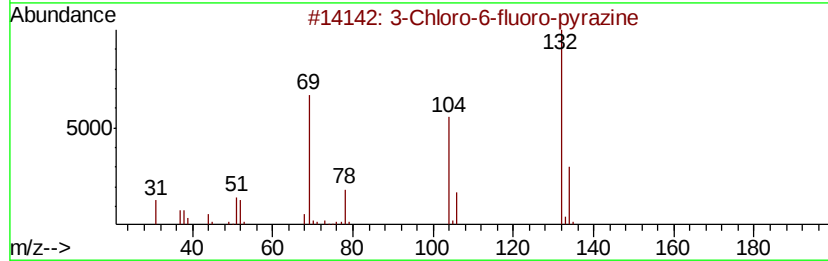
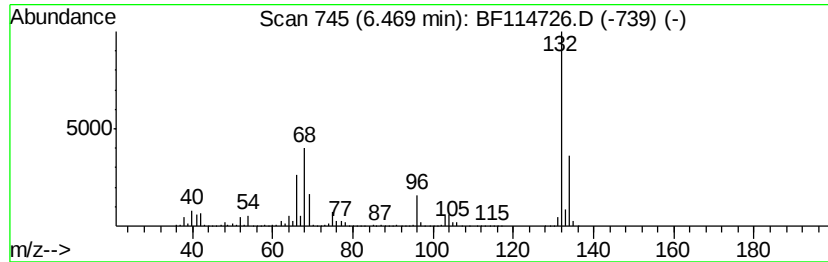
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	84.84 ng	10897700	1,4-Dichlorobenzene-d4	6.69

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		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Xenon	132	Xe	007440-63-3	9



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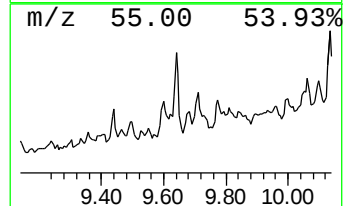
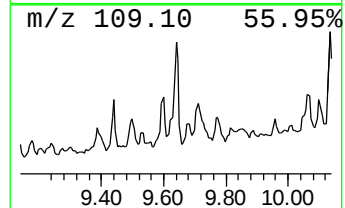
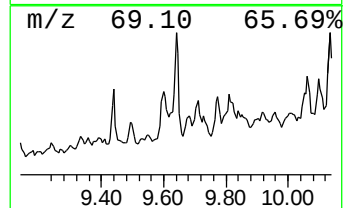
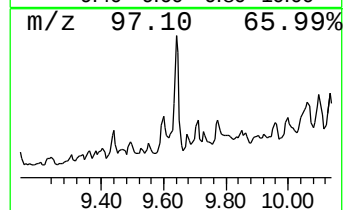
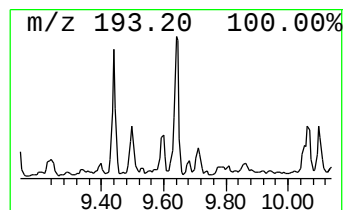
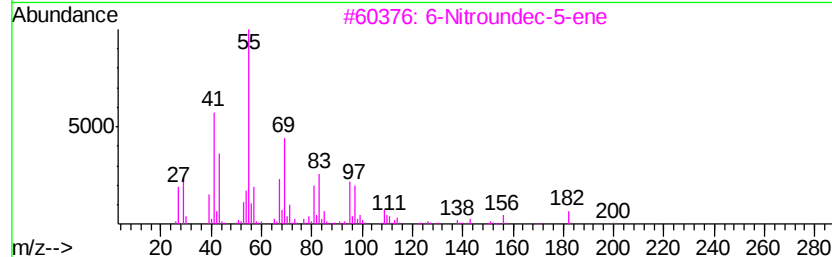
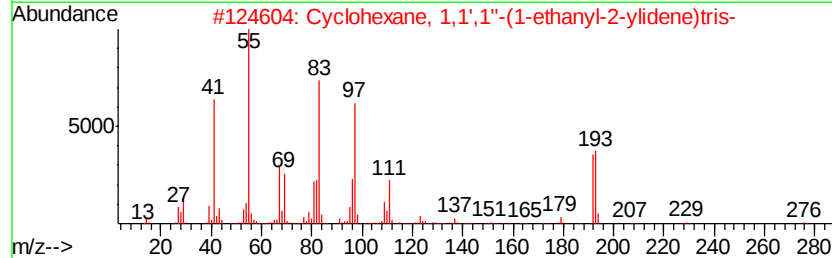
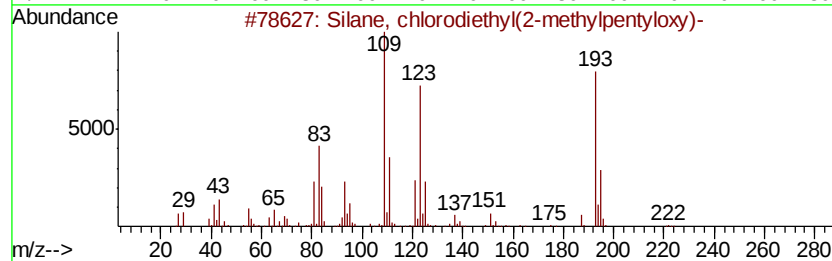
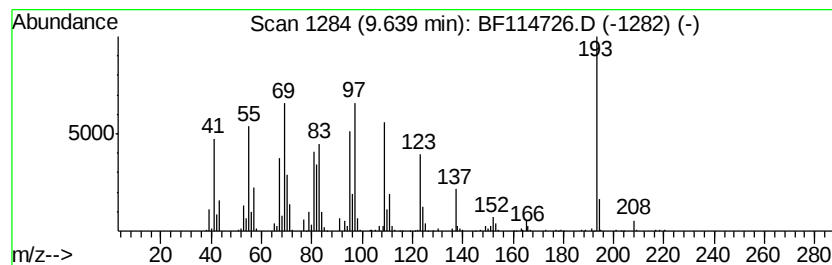
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown9.64 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	2.45 ng	478331	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	40
2		Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	35
3		6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	35
4		Hexadecanedinitrile	248	C16H28N2	006812-44-8	22
5		Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-98-2	14



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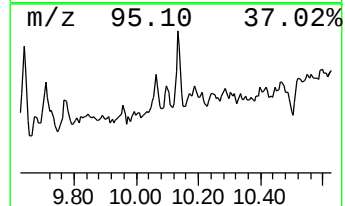
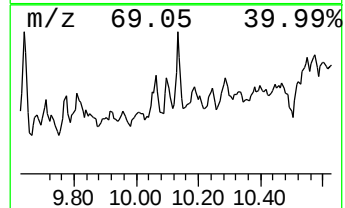
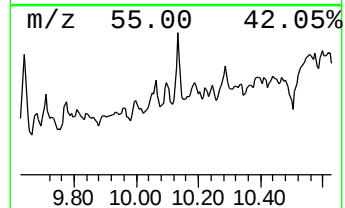
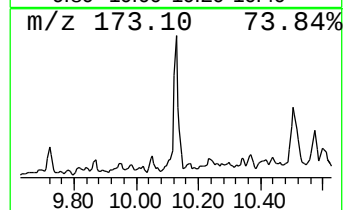
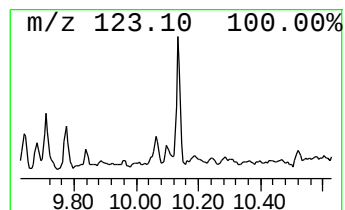
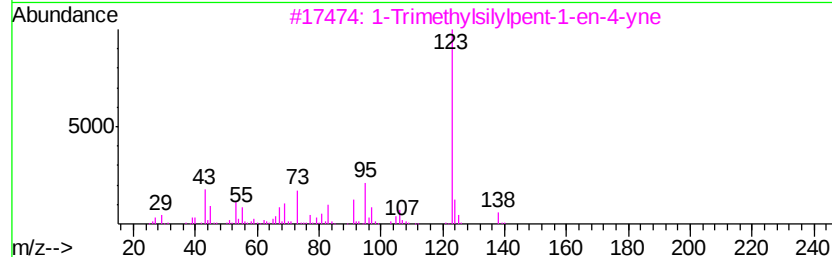
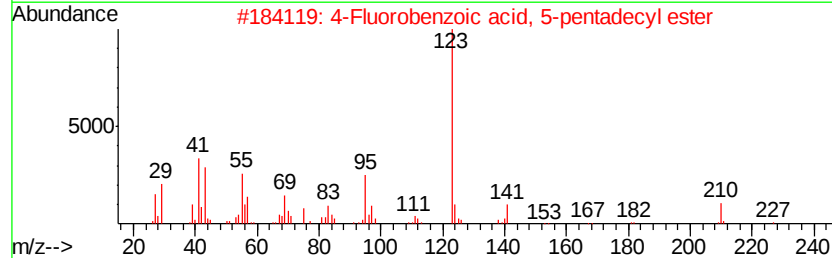
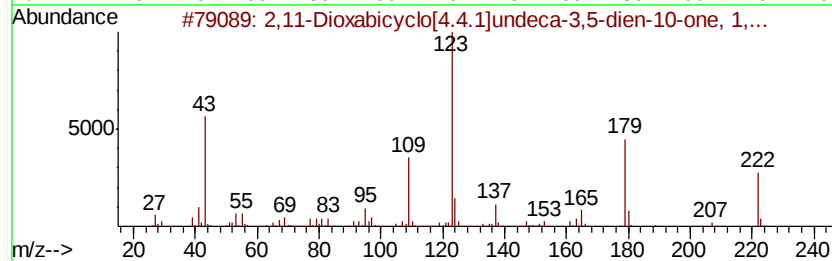
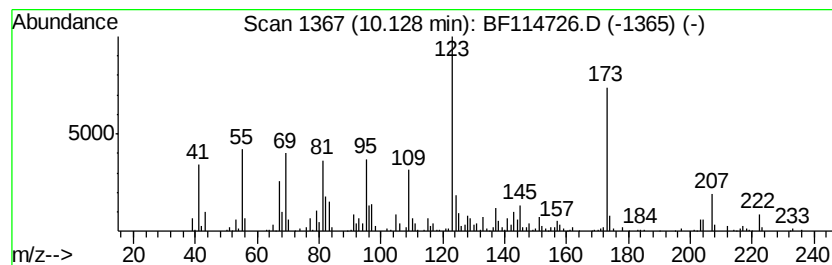
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown10.13 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.40 ng	468057	Acenaphthene-d10	9.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222 C13H18O3	070412-52-1	45
2	4-Fluorobenzoic acid, 5-pentadec...	350 C22H35FO2	1000280-68-6	43
3	1-Trimethylsilylpent-1-en-4-yne	138 C8H14Si	079516-25-9	43
4	4-Fluorobenzoic acid, 3-tridecyl...	322 C20H31FO2	1000280-67-9	43
5	4-Fluorobenzoic acid, 2-tridecyl...	322 C20H31FO2	1000280-67-8	43



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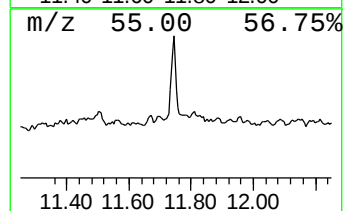
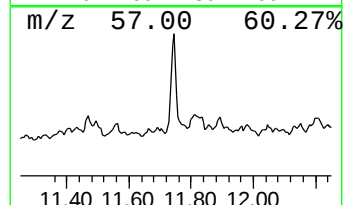
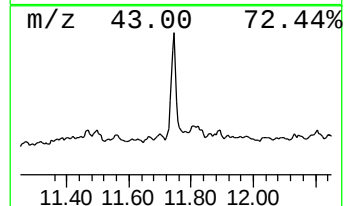
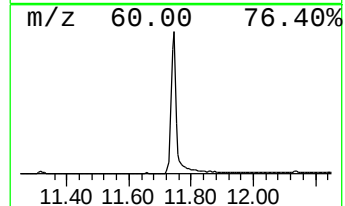
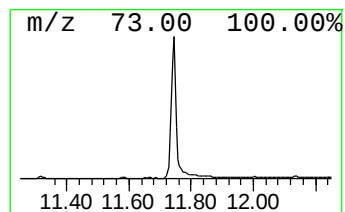
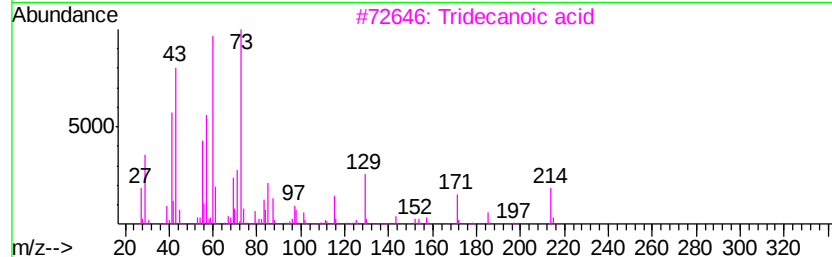
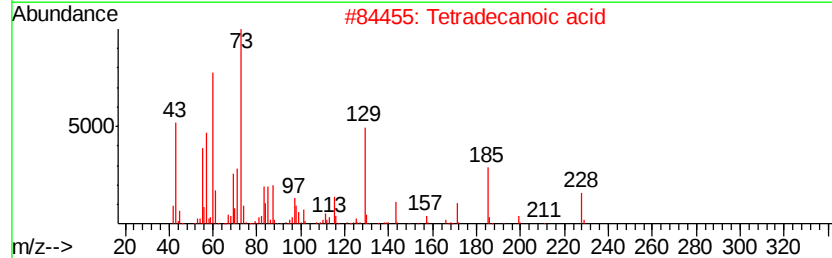
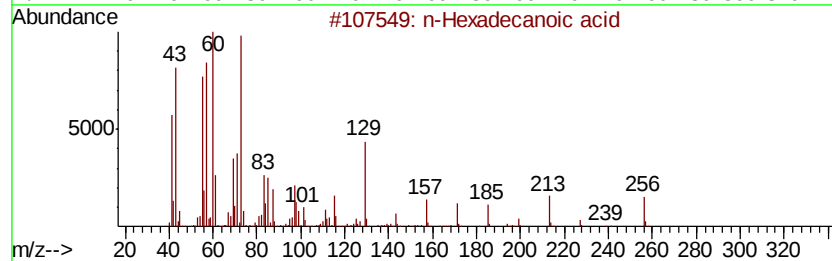
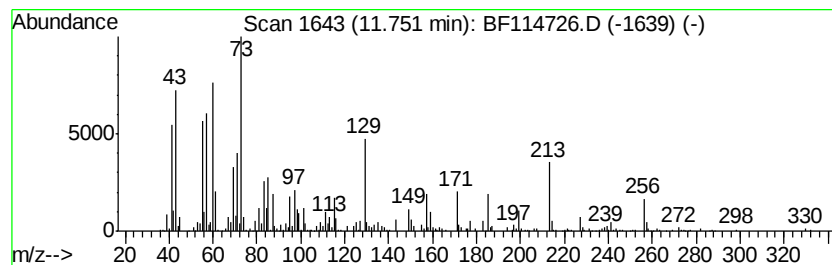
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	8.65 ng	1481490	Phenanthrene-d10	11.19

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70



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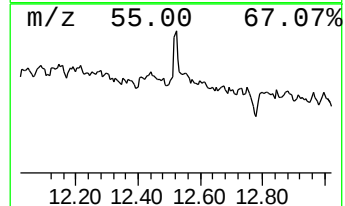
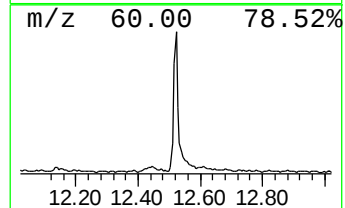
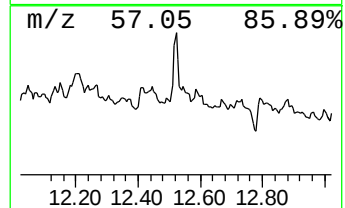
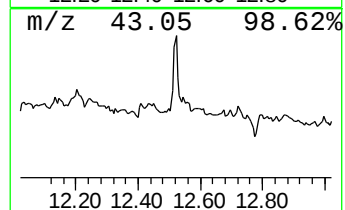
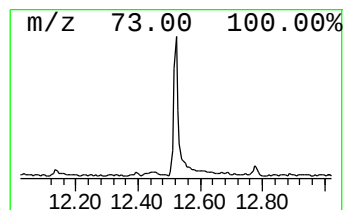
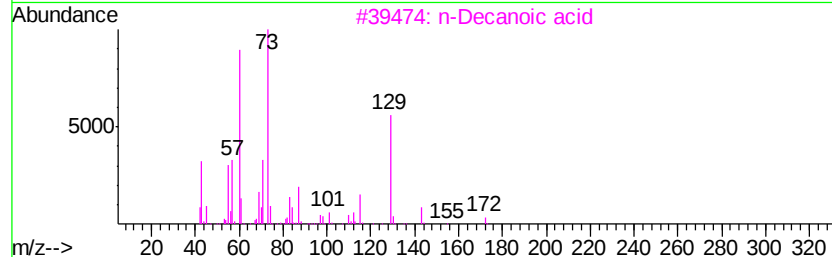
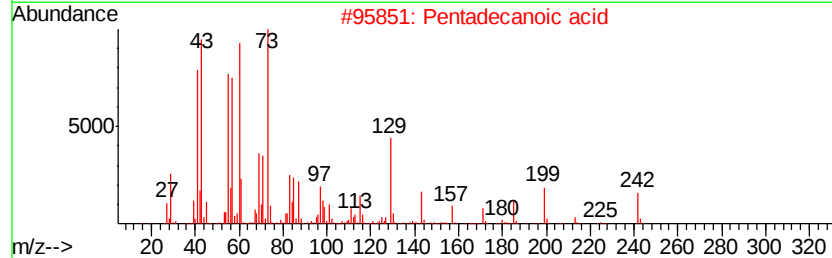
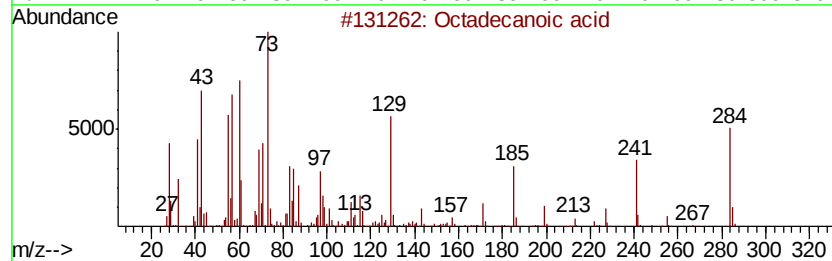
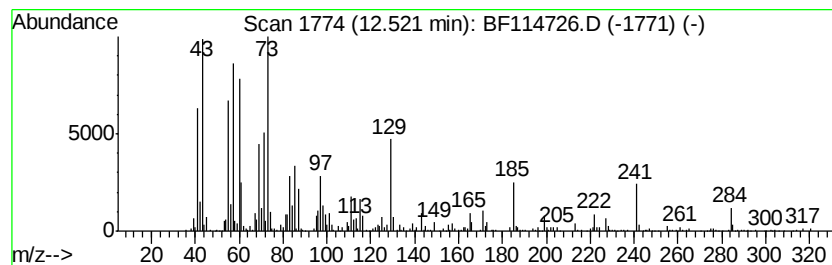
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.52	4.19 ng	612969	Chrysene-d12	13.82	
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	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114726.D
Acq On : 1 Jun 2019 00:07
Operator : HP/JU
Sample : K3104-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RBR-251-688

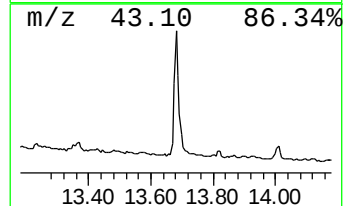
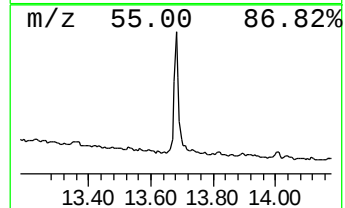
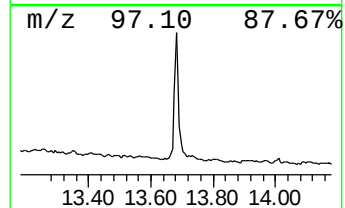
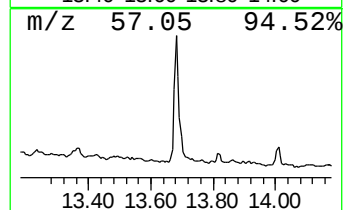
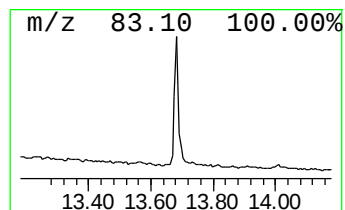
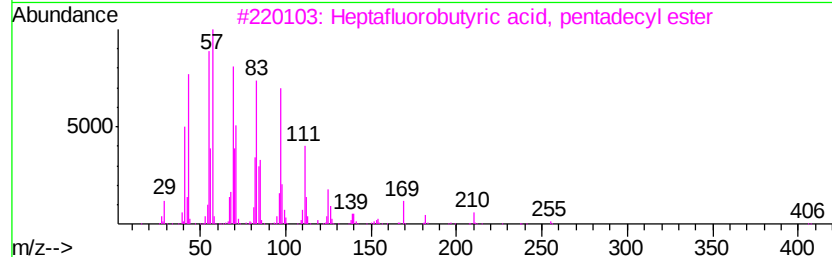
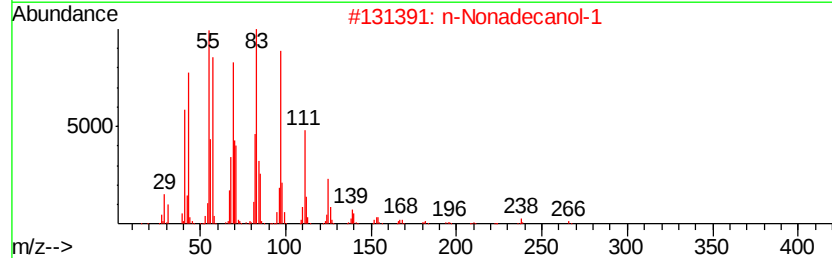
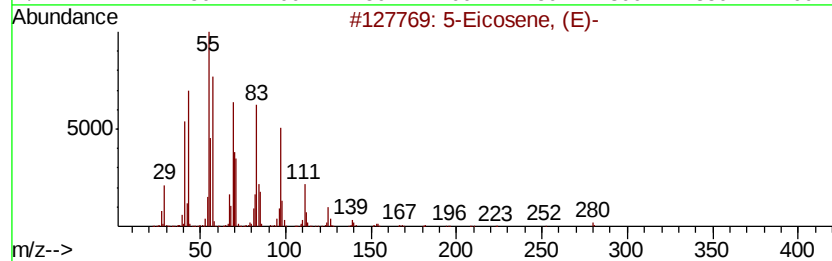
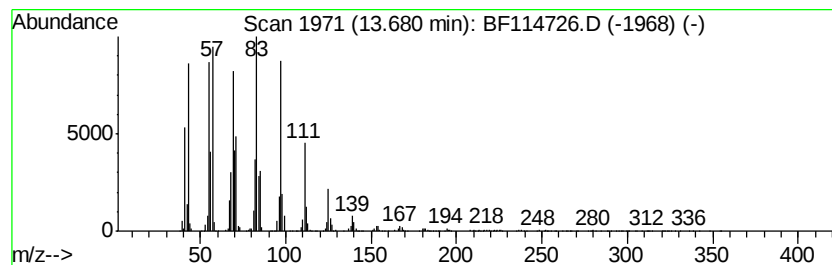
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	12.22 ng	1787110	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5		Behenic alcohol	326	C22H46O	000661-19-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114726.D
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ClientSampleId :
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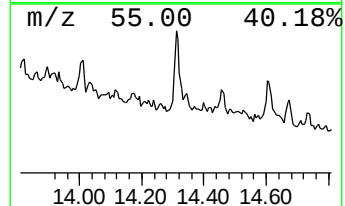
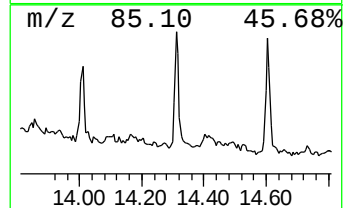
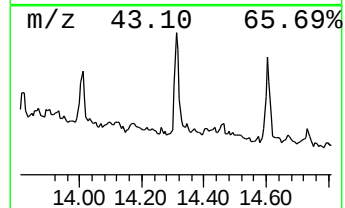
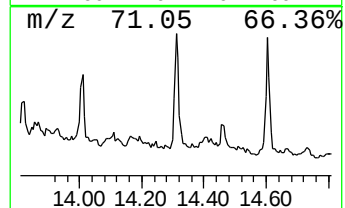
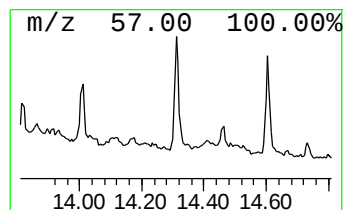
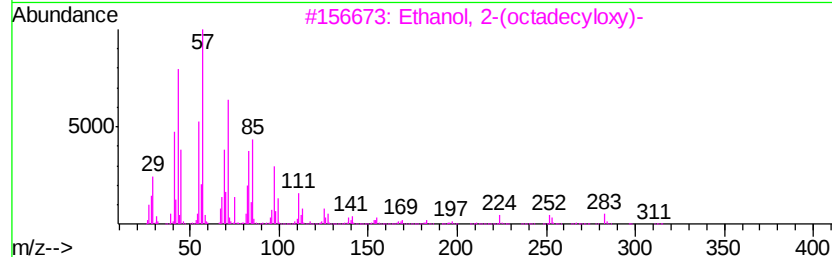
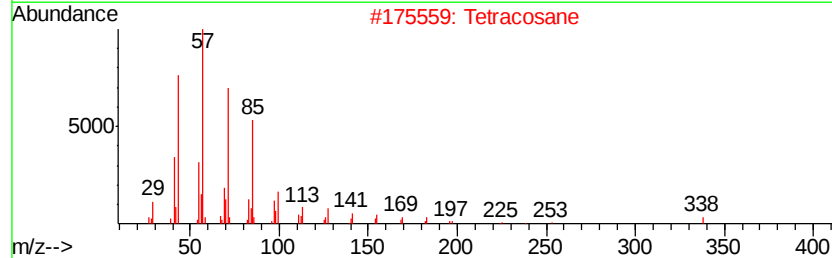
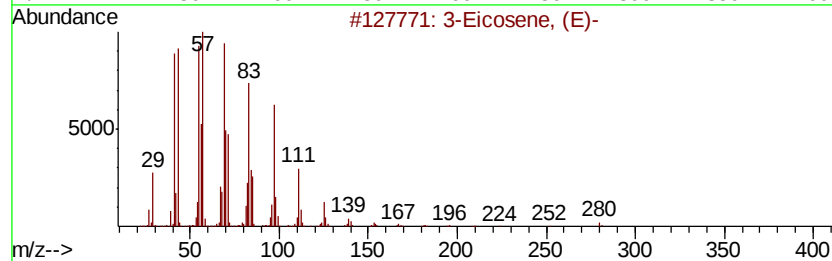
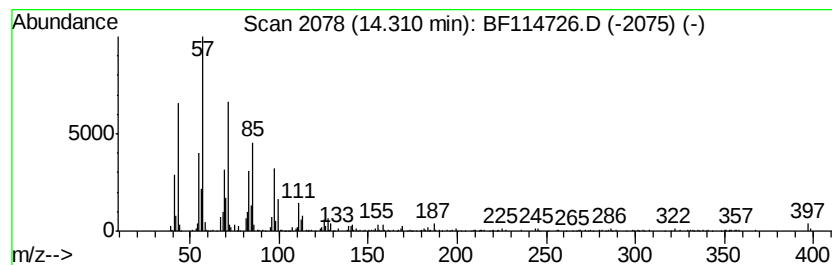
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 3-Eicosene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	2.23 ng	326824	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2		Tetracosane	338	C24H50	000646-31-1	92
3		Ethanol, 2-(octadecyl)-	314	C20H42O2	002136-72-3	91
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	87
5		Z-12-Pentacosene	350	C25H50	1000131-09-4	84



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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Sample : K3104-10
Misc :
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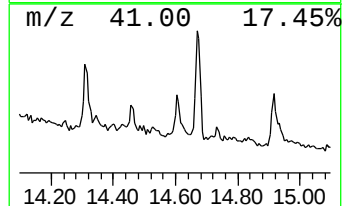
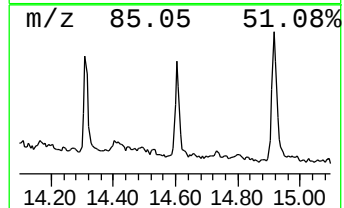
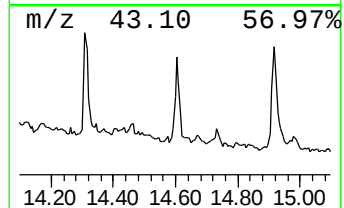
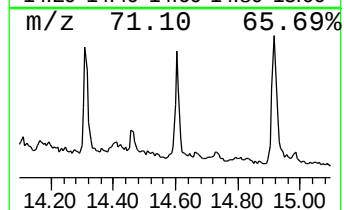
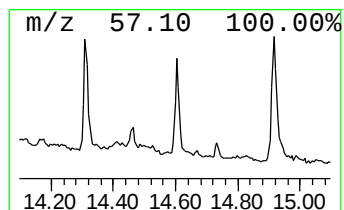
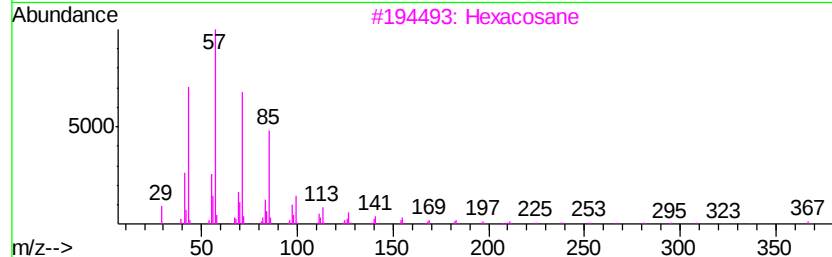
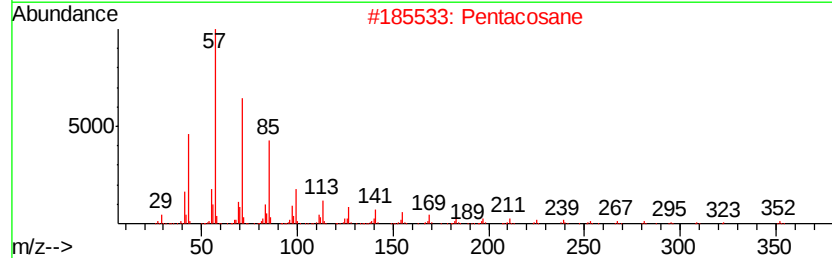
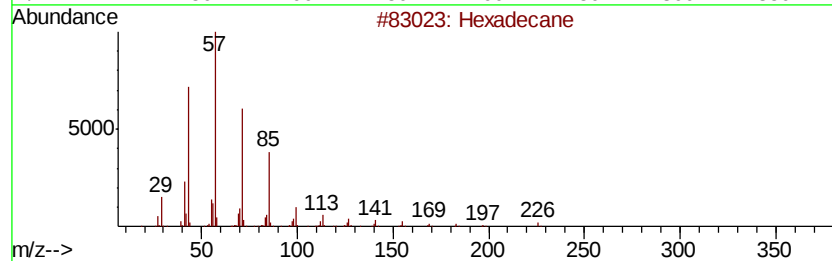
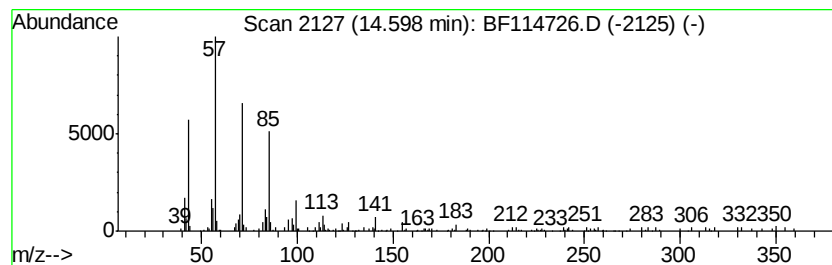
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.40 ng	282948	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	95
2	Pentacosane	352 C25H52	000629-99-2	91
3	Hexacosane	366 C26H54	000630-01-3	90
4	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	90
5	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114726.D
Acq On : 1 Jun 2019 00:07
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Instrument :
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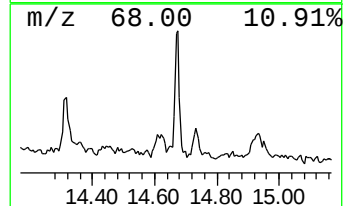
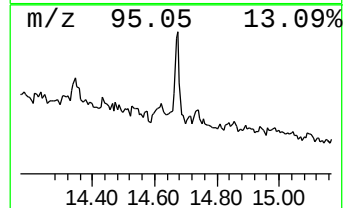
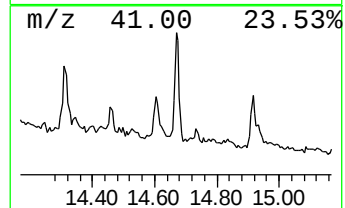
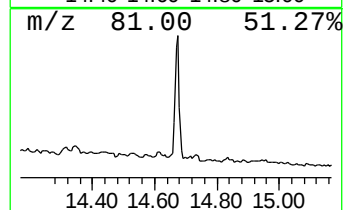
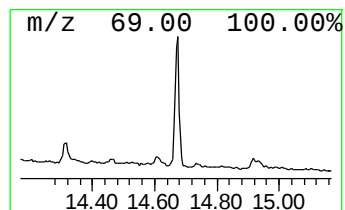
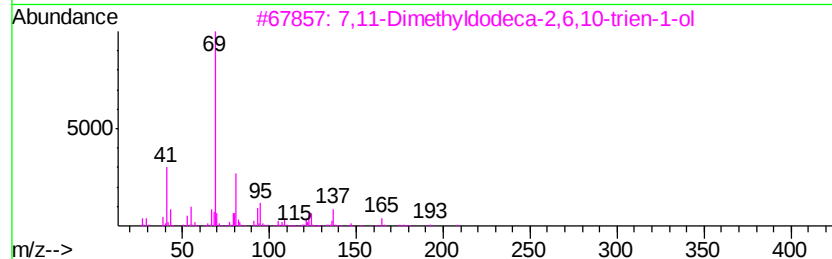
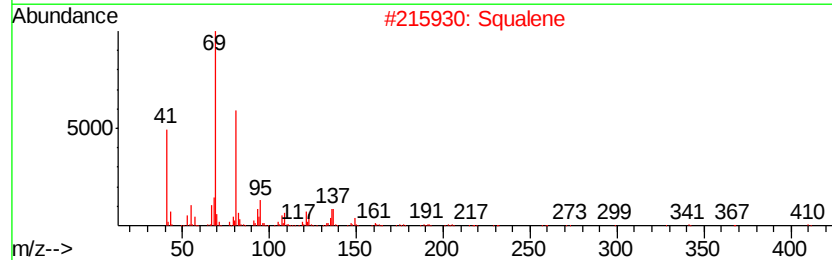
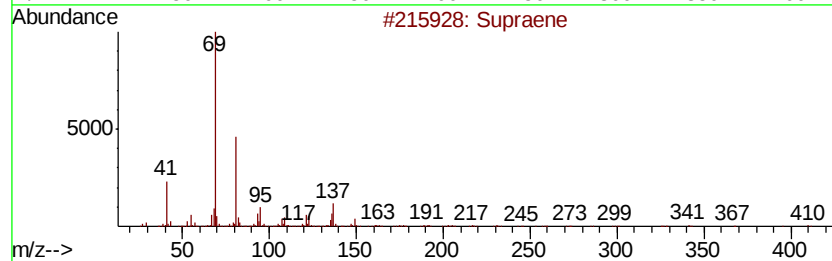
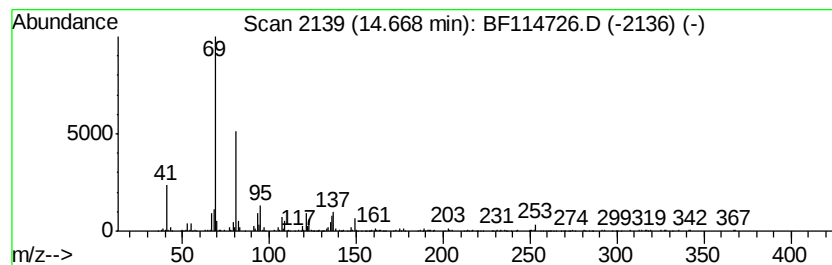
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.40 ng	400399	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	91
3		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	78
4		2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
5		Diethylmalonic acid, monochlorid...	352	C10H13BrClF3O3	1000370-81-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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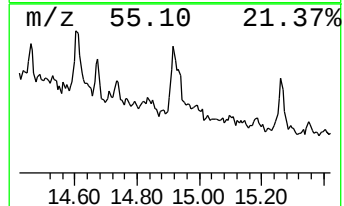
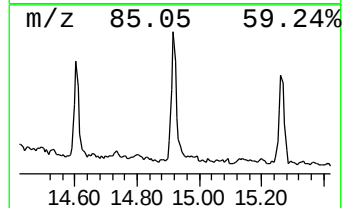
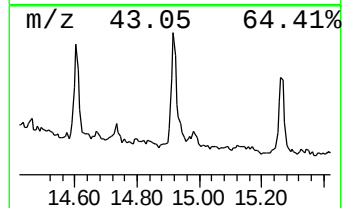
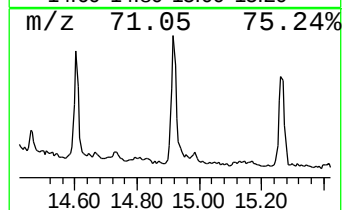
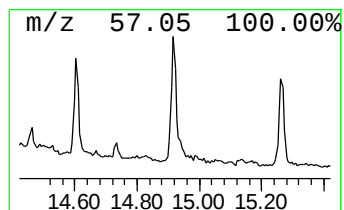
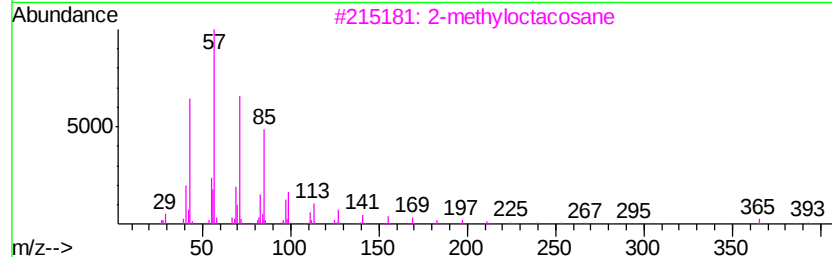
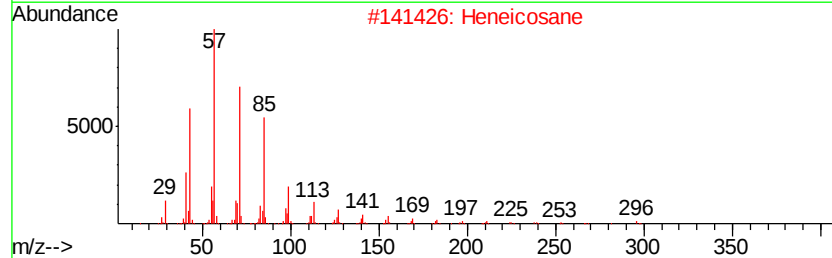
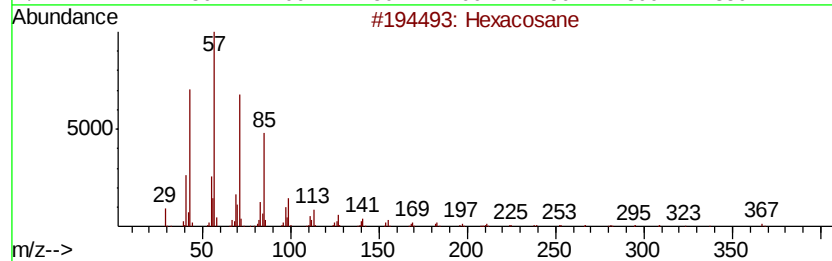
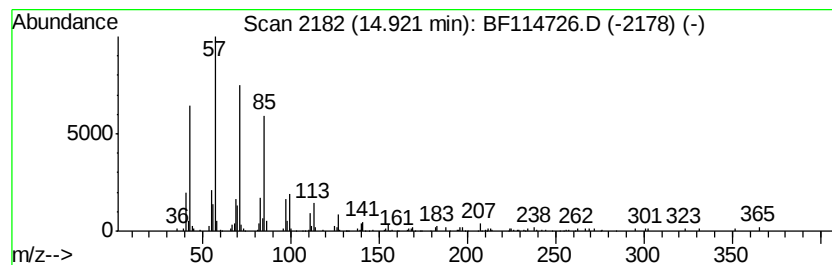
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.58 ng	304608	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	90
2	Heneicosane	296 C21H44	000629-94-7	90
3	2-methyloctacosane	408 C29H60	1000376-72-8	87
4	Tetracosane	338 C24H50	000646-31-1	87
5	Docosane, 11-butyl-	366 C26H54	013475-76-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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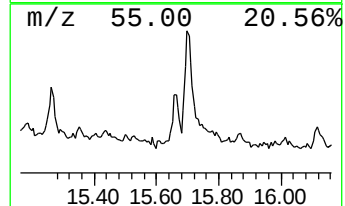
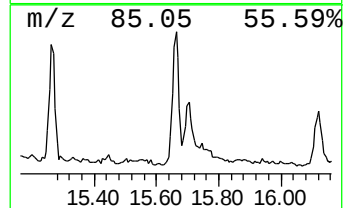
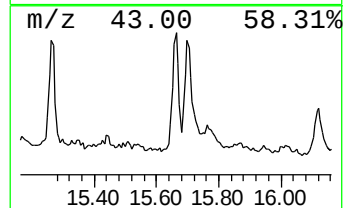
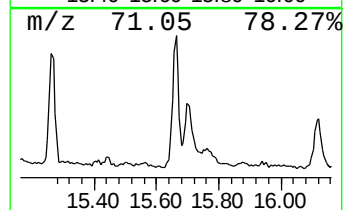
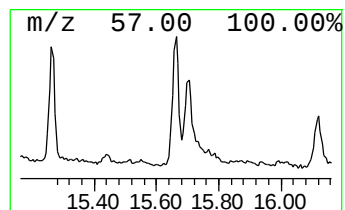
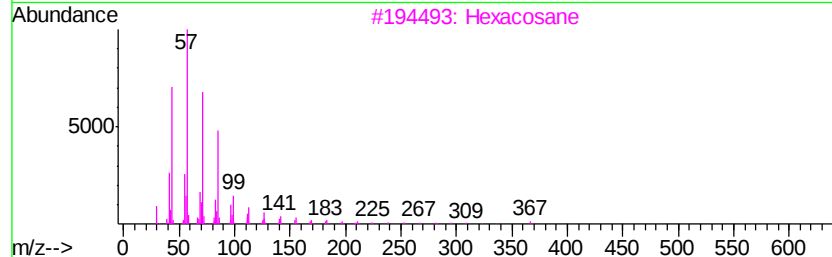
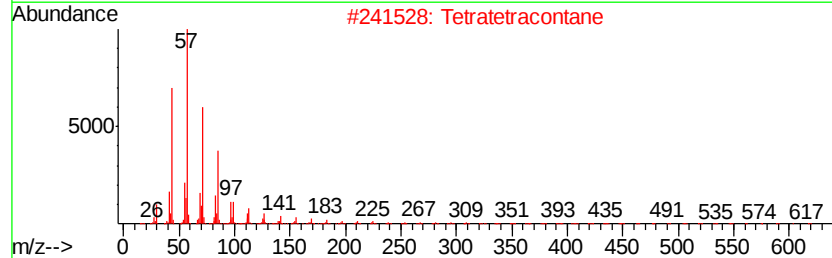
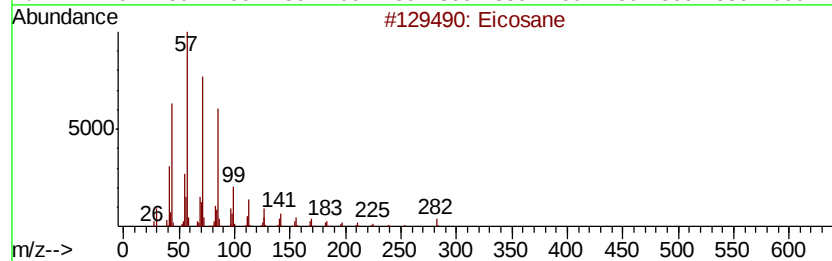
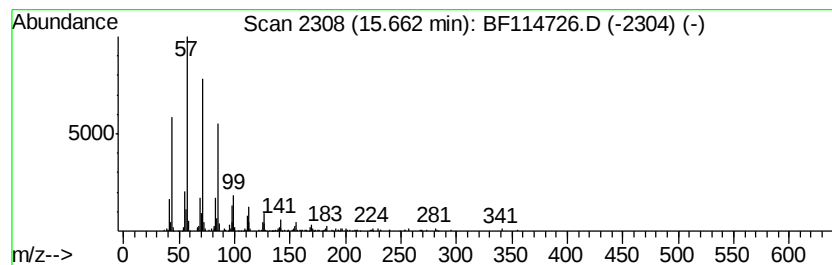
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.25 ng	264988	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114726.D
Acq On : 1 Jun 2019 00:07
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Sample : K3104-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

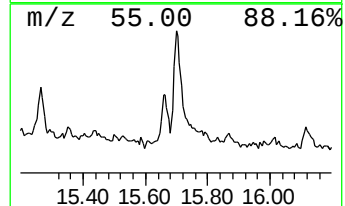
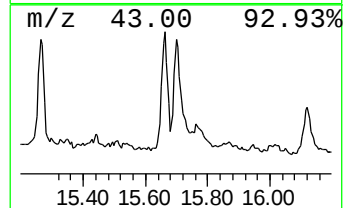
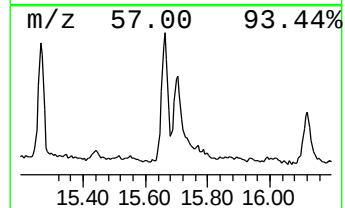
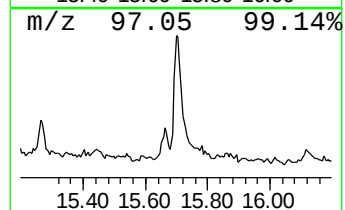
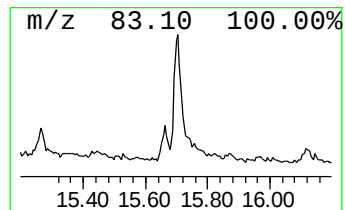
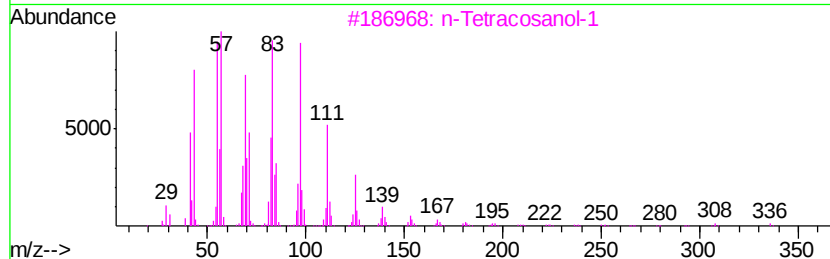
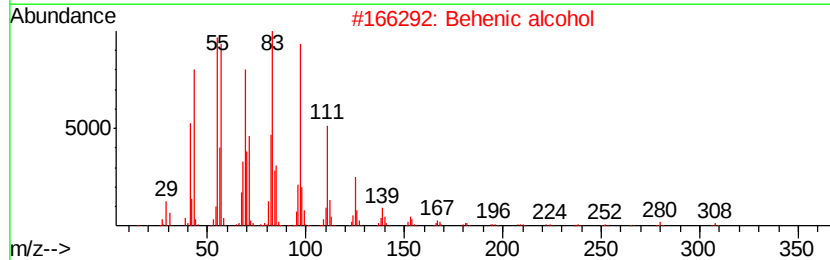
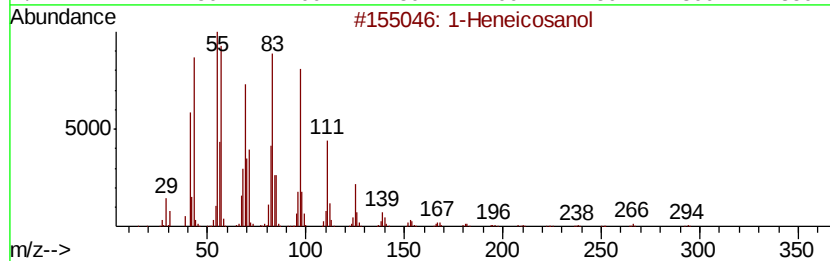
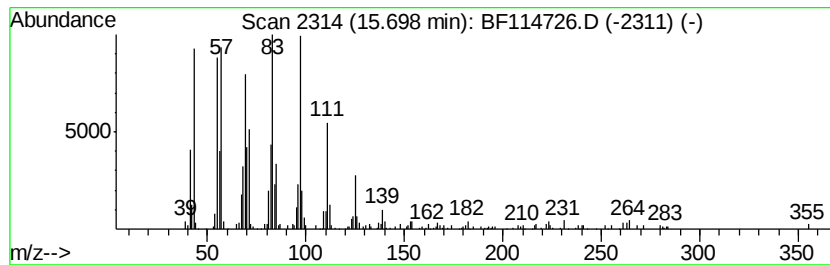
Instrument :
BNA_F
ClientSampleId :
RBR-251-688

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.70	3.67 ng	432925	Perylene-d12	15.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114726.D
 Acq On : 1 Jun 2019 00:07
 Operator : HP/JU
 Sample : K3104-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-251-688

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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
unknown6.47	6.47	84.8	ng	10897700	1	6.69	2568850	20.0
unknown9.64	9.64	2.5	ng	478331	3	9.72	3907390	20.0
unknown10.13	10.13	2.4	ng	468057	3	9.72	3907390	20.0
n-Hexadecanoic acid	11.75	8.7	ng	1481490	4	11.19	3425730	20.0
Octadecanoic acid	12.52	4.2	ng	612969	5	13.82	2926000	20.0
5-Eicosene, (E)-	13.68	12.2	ng	1787110	5	13.82	2926000	20.0
3-Eicosene, (E)-	14.31	2.2	ng	326824	5	13.82	2926000	20.0
Hexadecane	14.60	2.4	ng	282948	6	15.20	2357740	20.0
Supraene	14.67	3.4	ng	400399	6	15.20	2357740	20.0
Hexacosane	14.92	2.6	ng	304608	6	15.20	2357740	20.0
Eicosane	15.66	2.3	ng	264988	6	15.20	2357740	20.0
1-Heneicosanol	15.70	3.7	ng	432925	6	15.20	2357740	20.0