

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
 Data File : BF112514.D
 Acq On : 12 Feb 2019 16:48
 Operator : JU/SJ
 Sample : K1459-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-11-S

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.046	500	503	519	rBV	55345	79887	4.16%	0.419%
2	5.469	572	575	592	rBV	1425835	1631061	84.93%	8.554%
3	6.487	744	748	766	rBV	1533623	1697601	88.40%	8.903%
4	6.610	766	769	784	rVB	2043734	1848760	96.27%	9.696%
5	6.834	804	807	816	rBV	601047	497824	25.92%	2.611%
6	6.992	830	834	848	rBV	1542947	1452919	75.66%	7.620%
7	7.398	899	903	915	rBV	1075177	1047049	54.52%	5.491%
8	8.116	1021	1025	1042	rBV	617515	585939	30.51%	3.073%
9	9.186	1204	1207	1219	rBV	2131749	1920436	100.00%	10.072%
10	9.586	1271	1275	1284	rBV	102907	107402	5.59%	0.563%
11	9.869	1320	1323	1334	rBV	563312	564141	29.38%	2.959%
12	10.663	1455	1458	1470	rBV	943490	995047	51.81%	5.219%
13	11.363	1573	1577	1587	rBV	547583	520839	27.12%	2.732%
14	11.880	1661	1665	1676	rBV	178670	223229	11.62%	1.171%
15	12.580	1780	1784	1788	rBV	59278	65034	3.39%	0.341%
16	12.663	1795	1798	1803	rBV3	60825	74537	3.88%	0.391%
17	12.810	1819	1823	1825	rBV	52503	54078	2.82%	0.284%
18	12.939	1841	1845	1849	rBV	1865841	1663746	86.63%	8.726%
19	13.827	1993	1996	2004	rBV	206928	278857	14.52%	1.462%
20	14.010	2023	2027	2035	rVB	639514	732451	38.14%	3.841%
21	14.151	2048	2051	2055	rVB2	114352	109142	5.68%	0.572%
22	14.451	2099	2102	2109	rVB	280365	325198	16.93%	1.706%
23	14.757	2150	2154	2158	rBV	407934	401983	20.93%	2.108%
24	15.092	2207	2211	2215	rVB2	431711	516529	26.90%	2.709%
25	15.486	2271	2278	2283	rBV2	456273	981381	51.10%	5.147%
26	15.898	2343	2348	2354	rVB	277202	432663	22.53%	2.269%
27	16.392	2428	2432	2438	rBV2	152732	259609	13.52%	1.362%

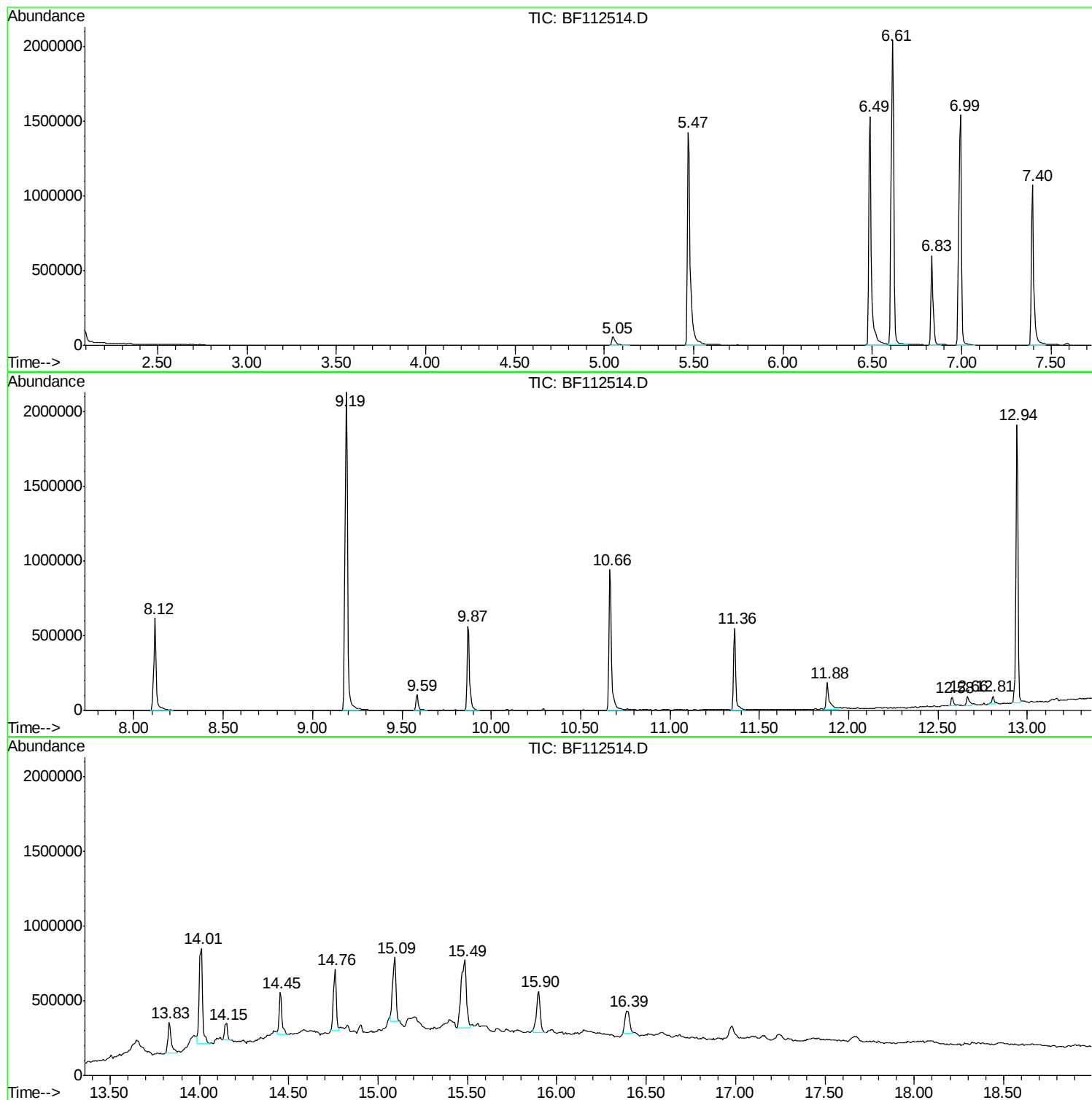
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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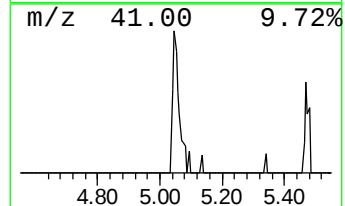
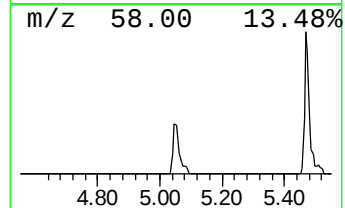
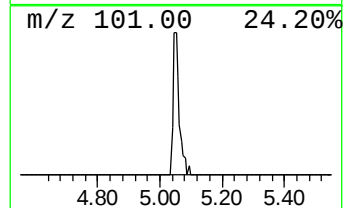
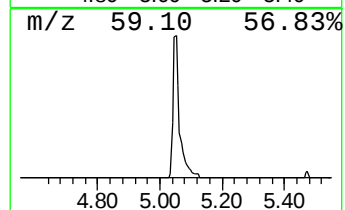
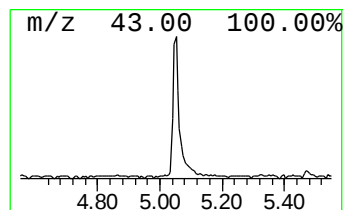
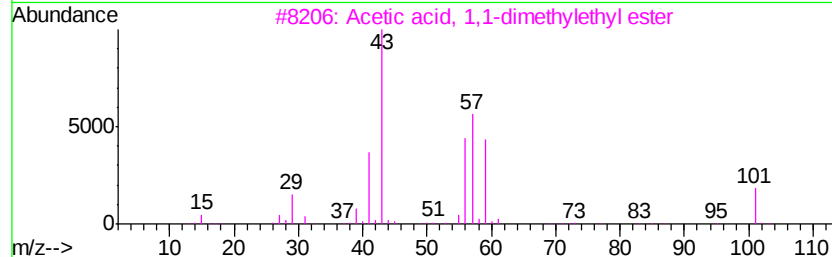
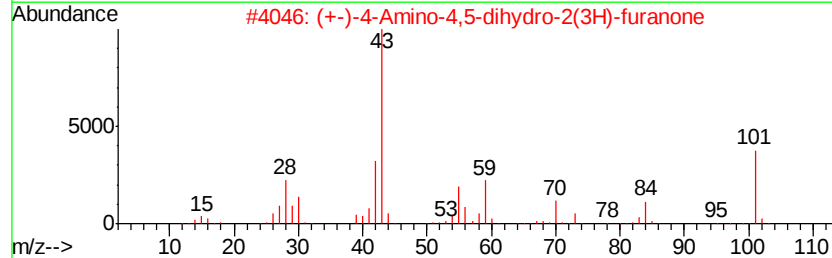
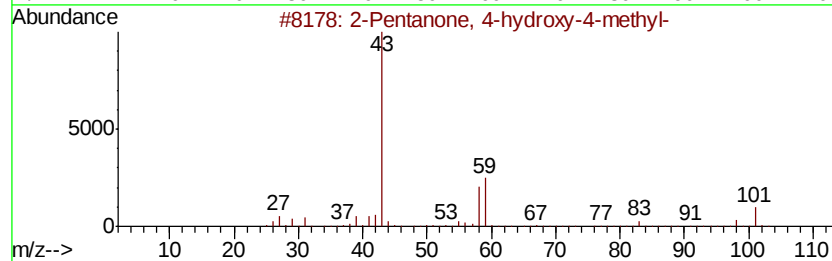
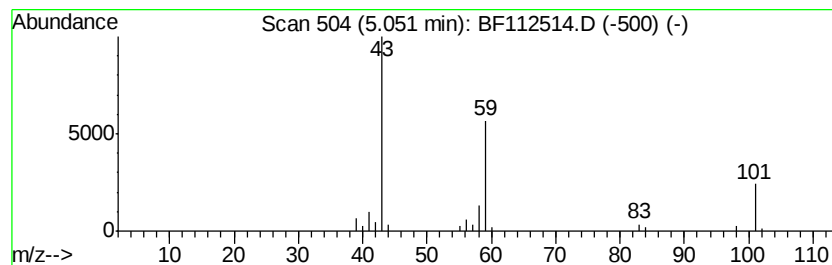
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.21 ng	79887	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	47
3		Acetic acid, 1,1-dimethylethyl ester	116	C6H12O2	000540-88-5	38
4		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	35
5		2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28



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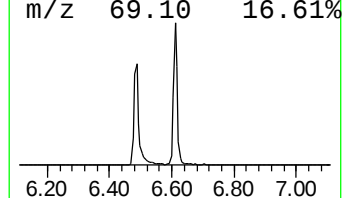
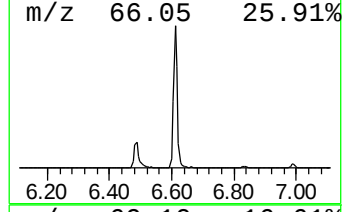
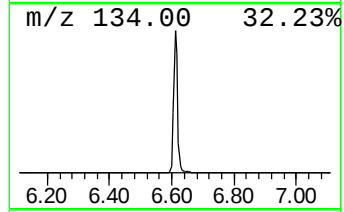
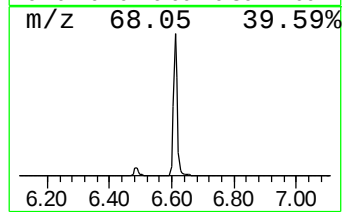
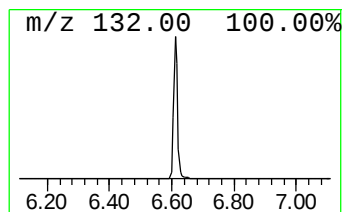
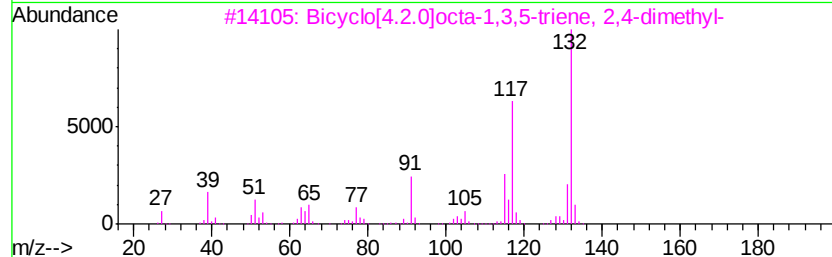
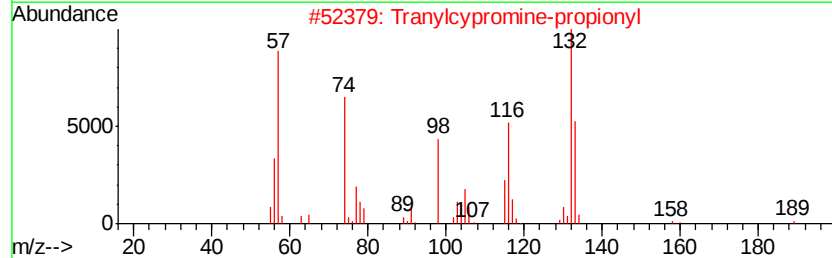
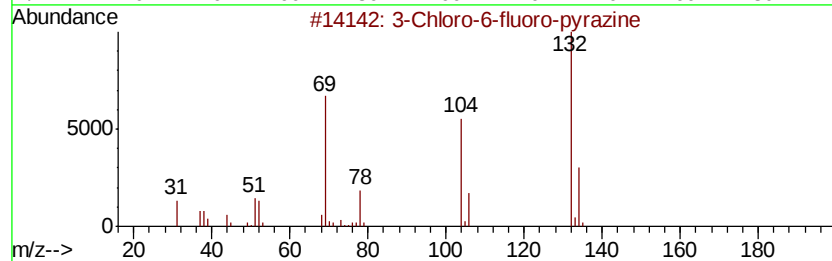
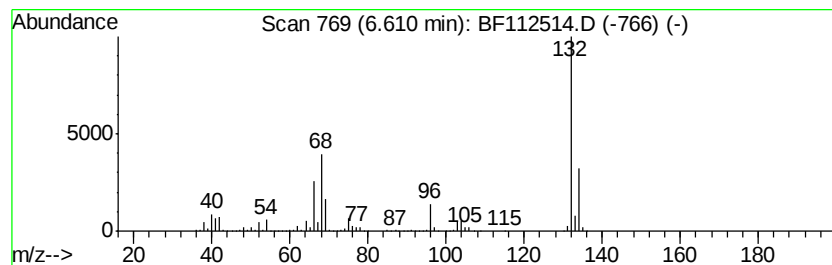
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Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	74.27 ng	1848760	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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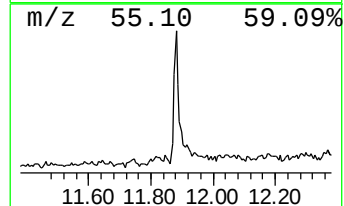
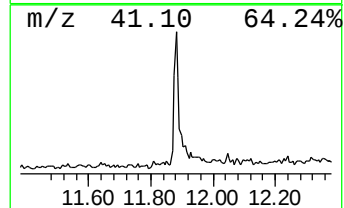
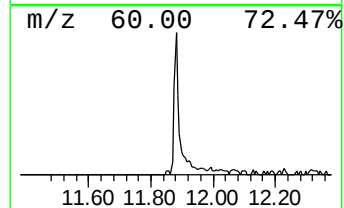
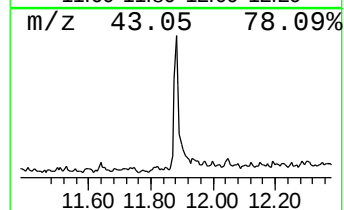
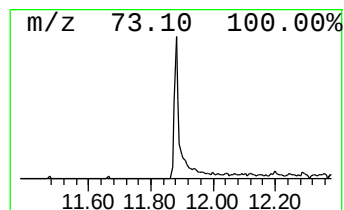
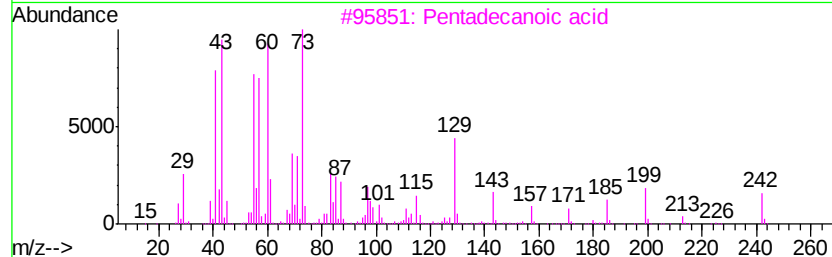
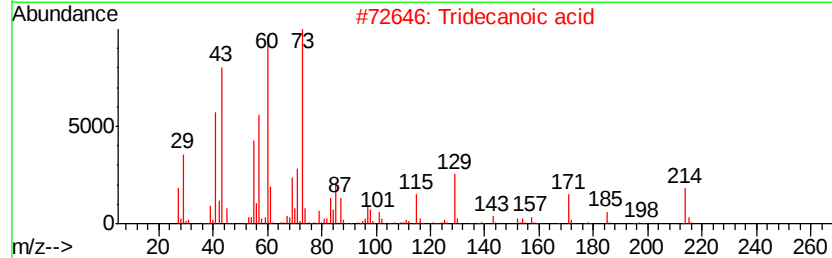
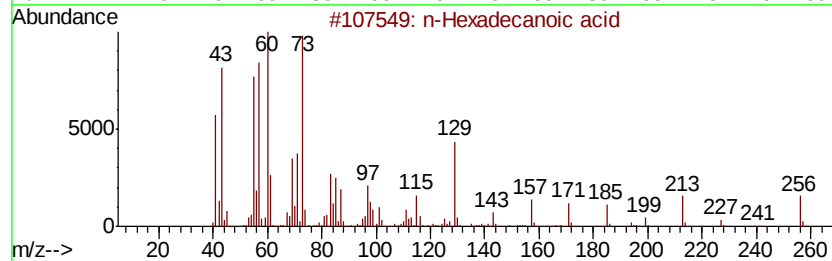
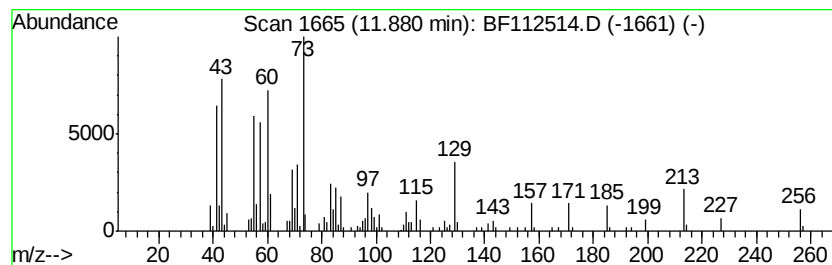
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	8.57 ng	223229	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	30
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	30



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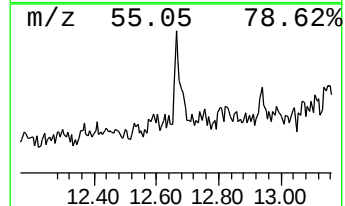
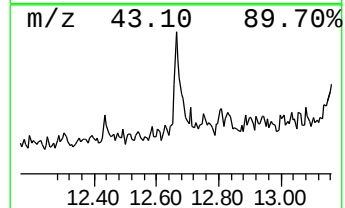
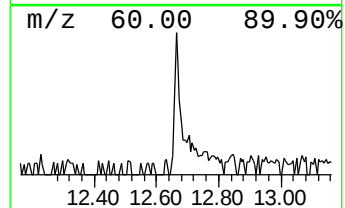
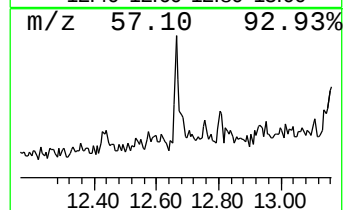
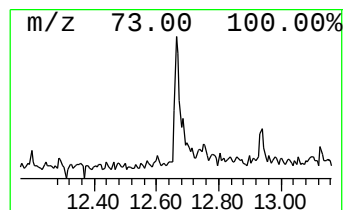
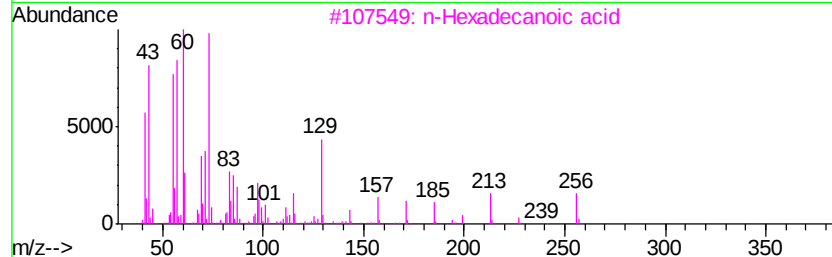
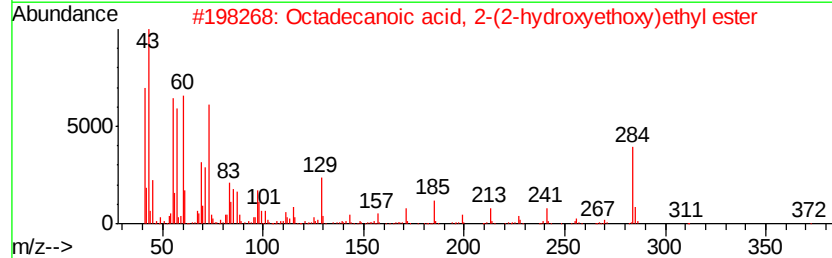
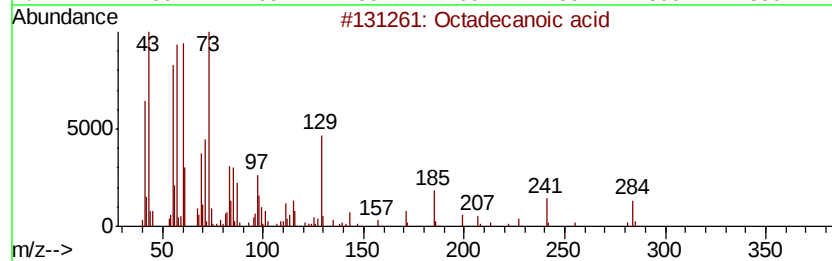
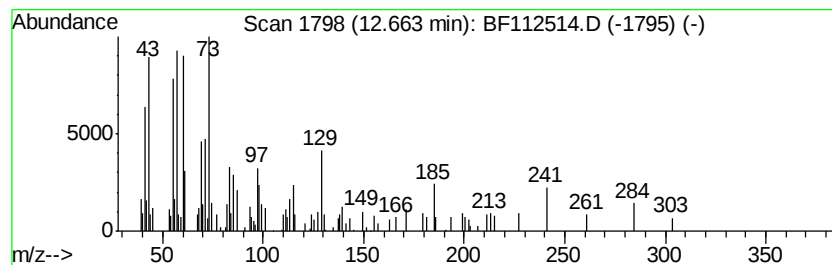
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Peak Number 6 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.86 ng	74537	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



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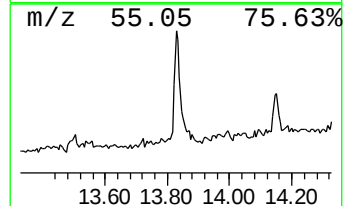
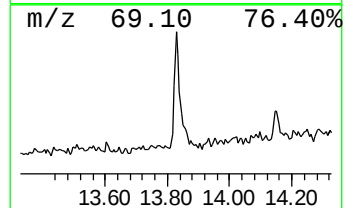
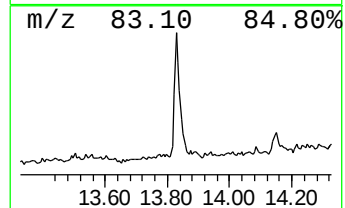
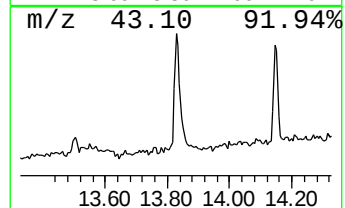
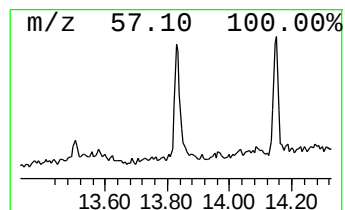
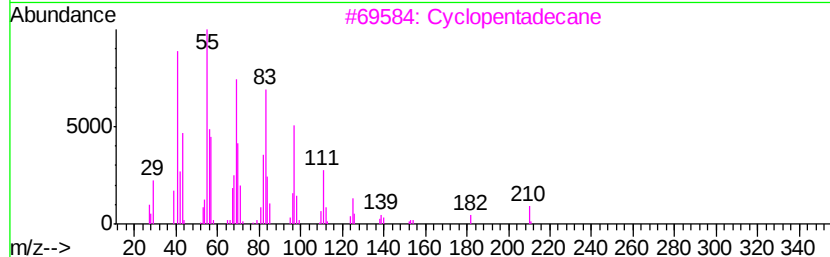
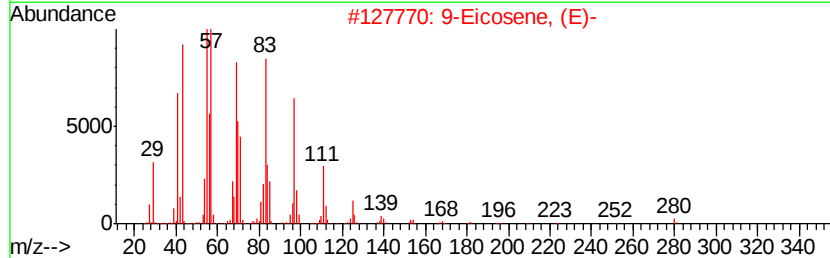
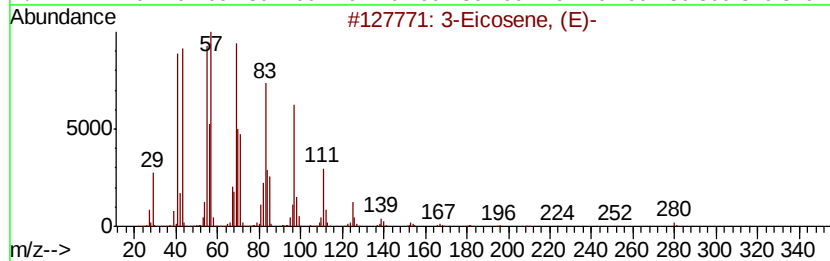
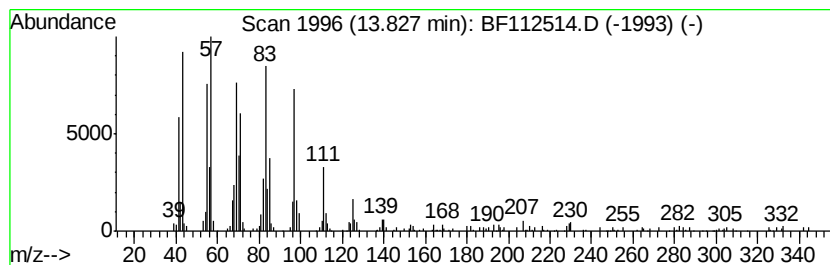
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Peak Number 7 3-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	7.61 ng	278857	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3		Cyclopentadecane	210	C15H30	000295-48-7	90
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90



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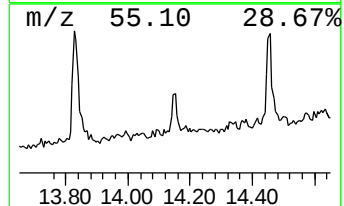
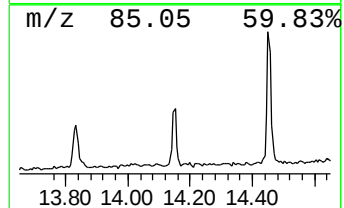
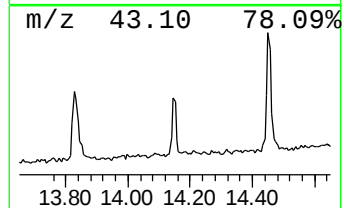
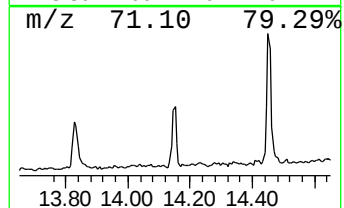
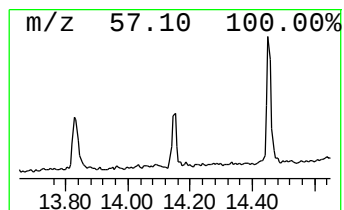
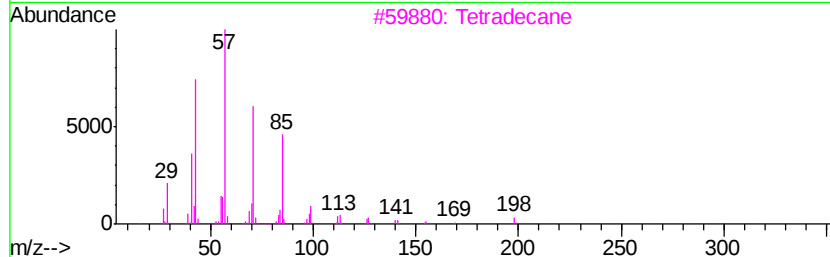
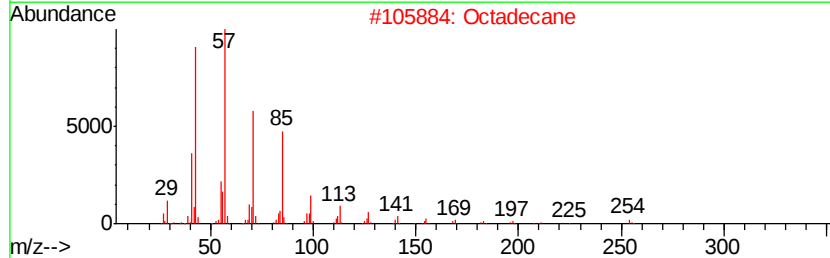
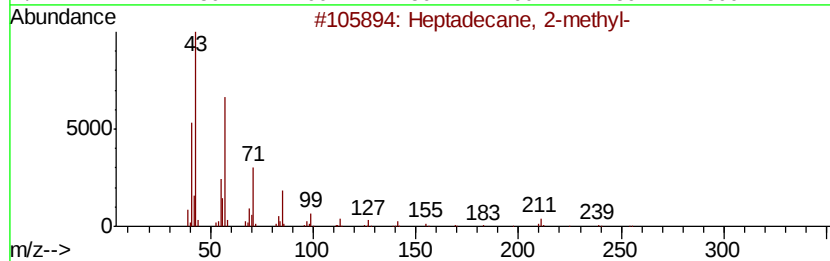
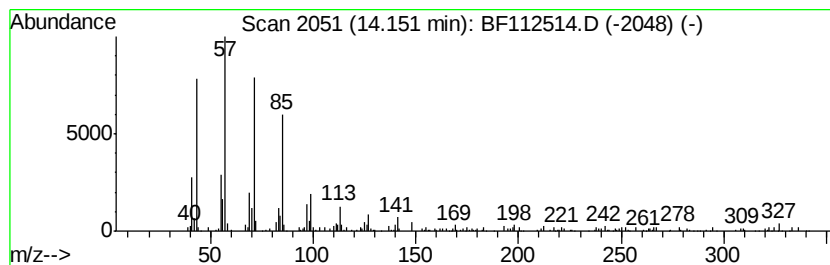
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.98 ng	109142	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	93
2		Octadecane	254	C18H38	000593-45-3	93
3		Tetradecane	198	C14H30	000629-59-4	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112514.D
Acq On : 12 Feb 2019 16:48
Operator : JU/SJ
Sample : K1459-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-11-S

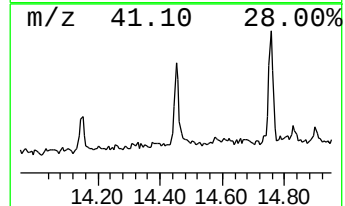
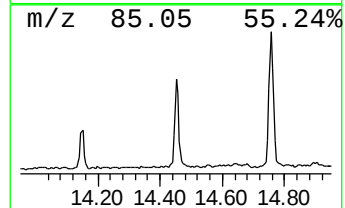
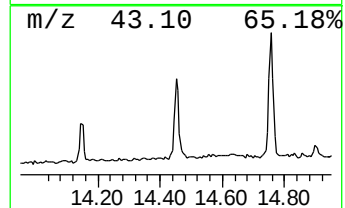
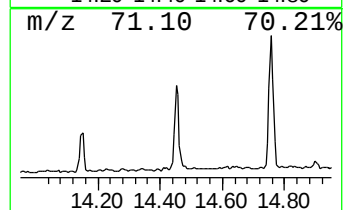
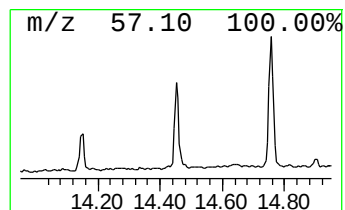
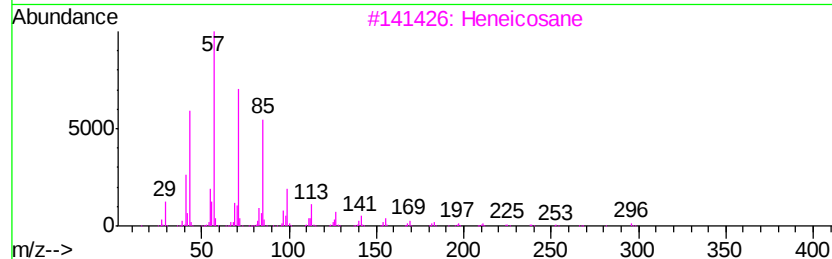
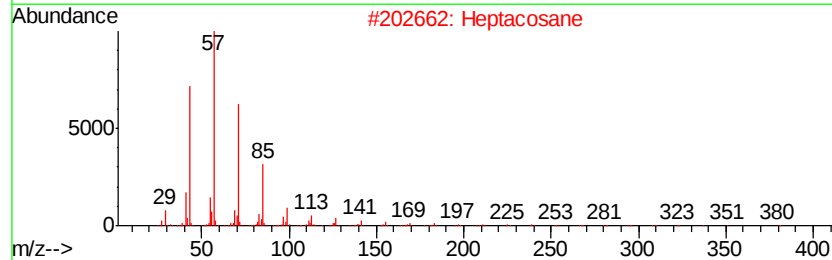
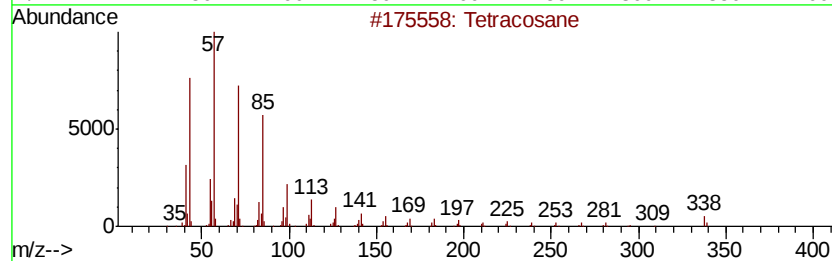
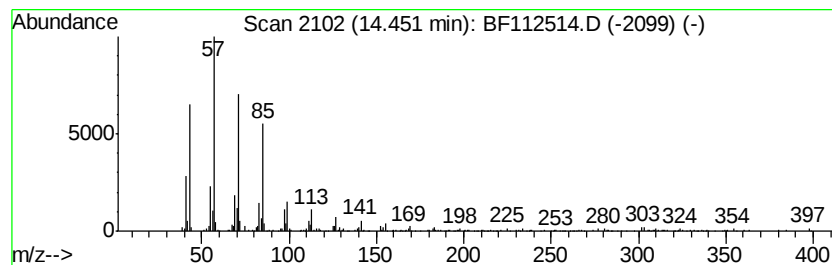
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	8.88 ng	325198	Chrysene-d12	14.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	97
2	Heptacosane		380	C27H56	000593-49-7	94
3	Heneicosane		296	C21H44	000629-94-7	90
4	Tridecane, 6-propyl-		226	C16H34	055045-10-8	90
5	Tricosane, 2-methyl-		338	C24H50	001928-30-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112514.D
Acq On : 12 Feb 2019 16:48
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Sample : K1459-11
Misc :
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Instrument :
BNA_F
ClientSampleId :
M-11-S

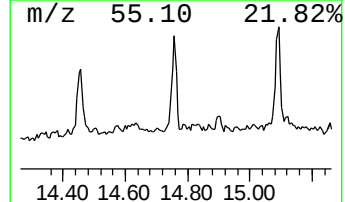
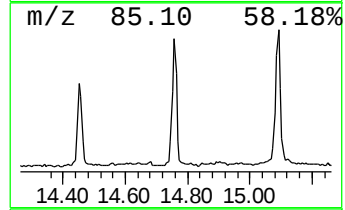
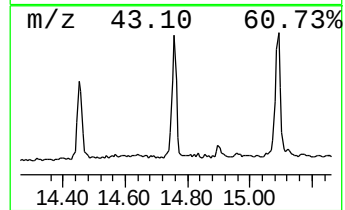
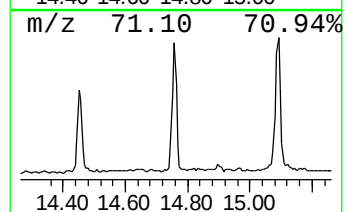
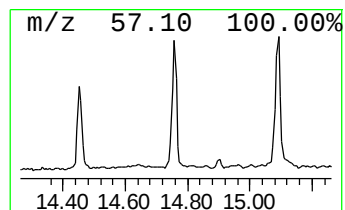
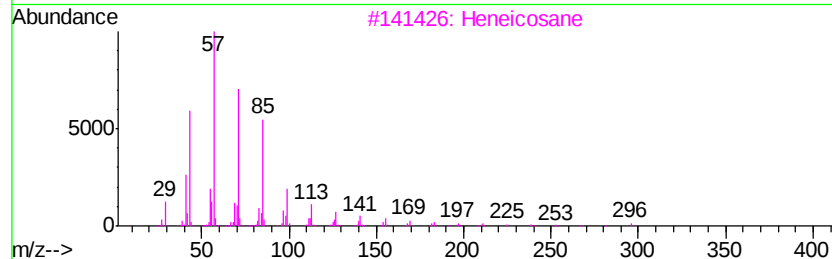
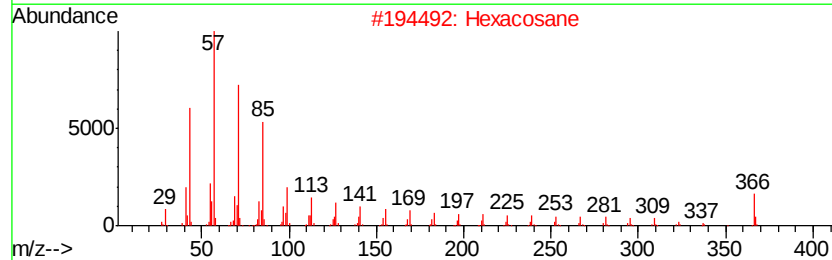
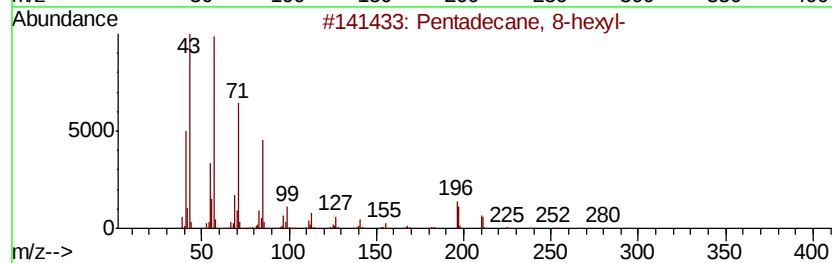
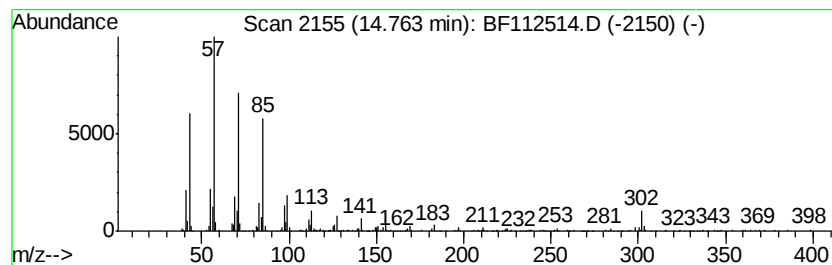
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 8-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	8.19 ng	401983	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2			Hexacosane	366	C26H54	000630-01-3	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	90
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112514.D
Acq On : 12 Feb 2019 16:48
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Sample : K1459-11
Misc :
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ClientSampleId :
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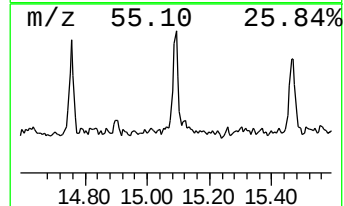
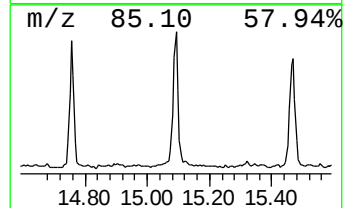
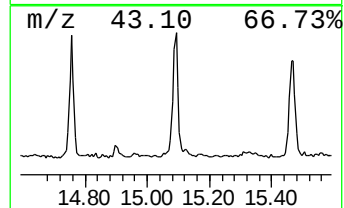
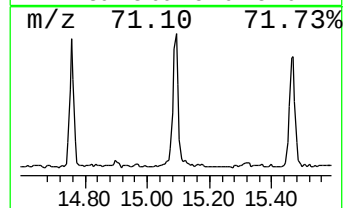
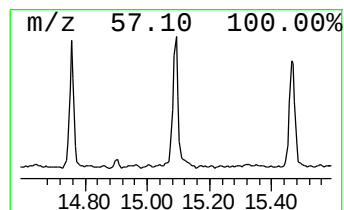
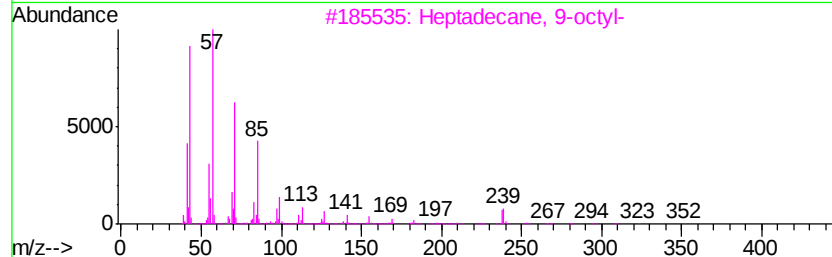
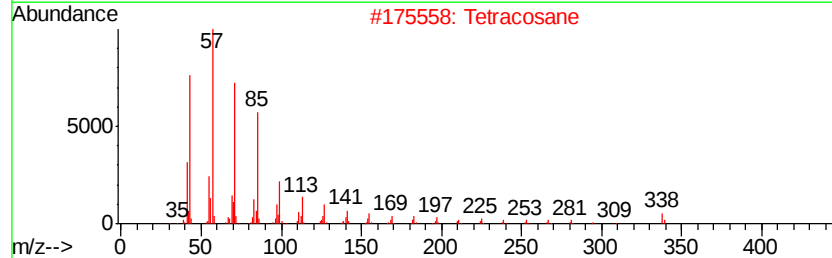
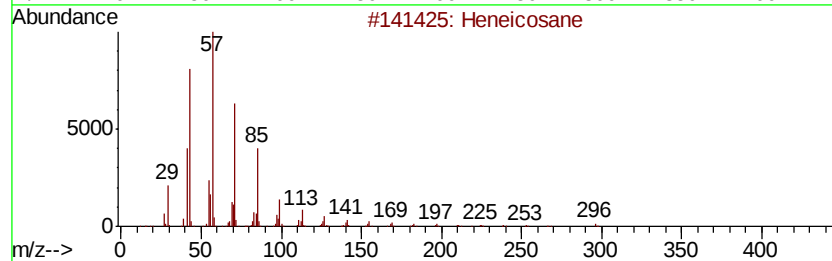
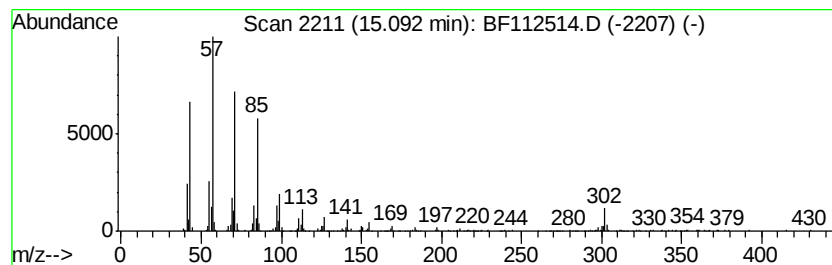
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	10.53 ng	516529	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Tetracosane	338	C24H50	000646-31-1	97
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112514.D
Acq On : 12 Feb 2019 16:48
Operator : JU/SJ
Sample : K1459-11
Misc :
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Instrument :
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ClientSampleId :
M-11-S

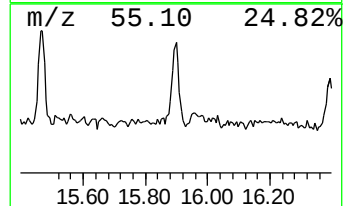
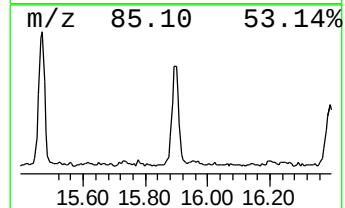
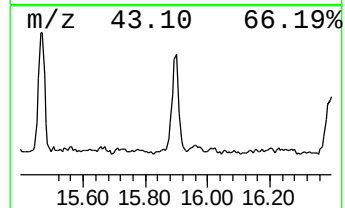
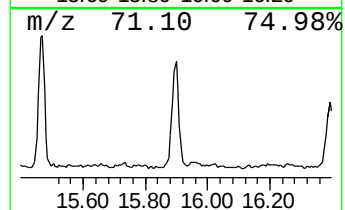
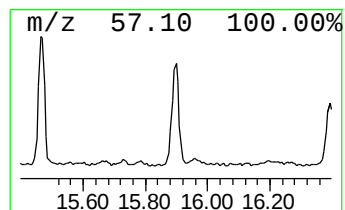
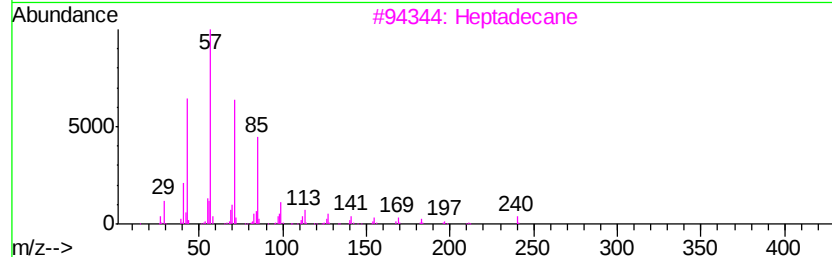
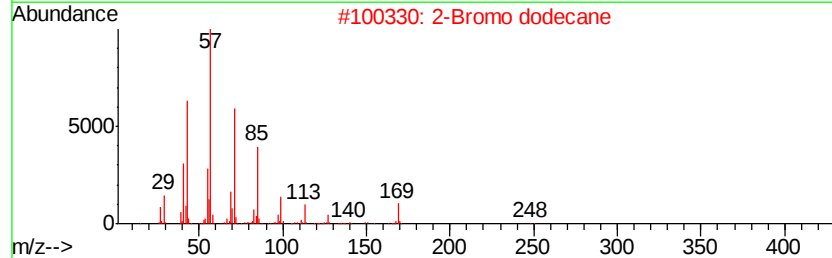
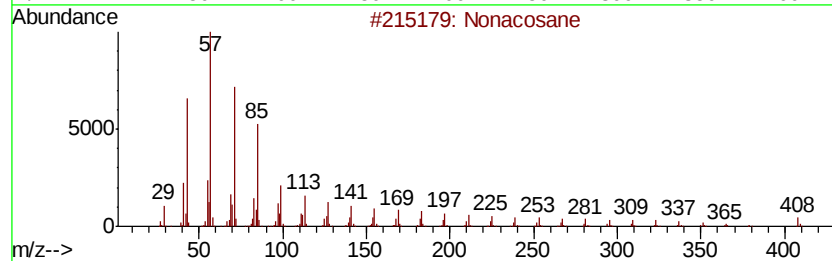
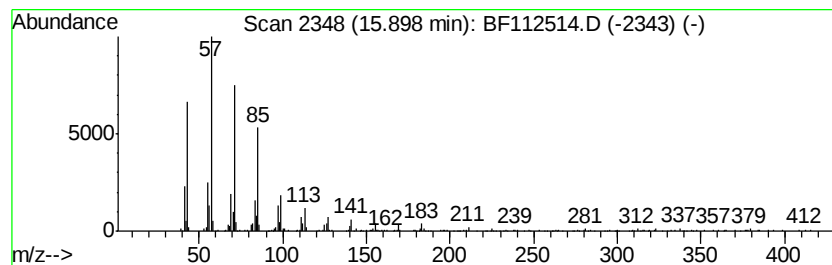
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	8.82 ng	432663	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	94
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Heptadecane	240	C17H36	000629-78-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112514.D
Acq On : 12 Feb 2019 16:48
Operator : JU/SJ
Sample : K1459-11
Misc :
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ClientSampleId :
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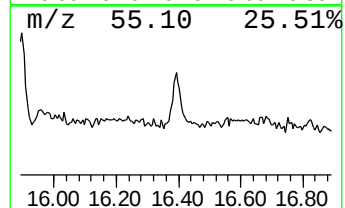
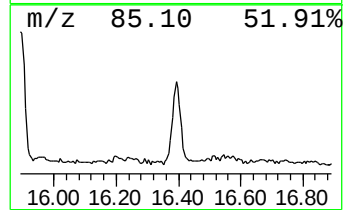
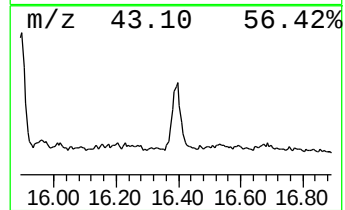
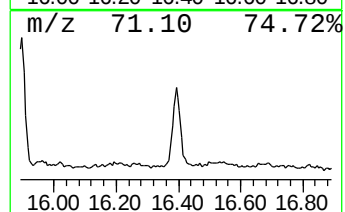
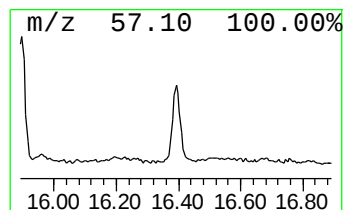
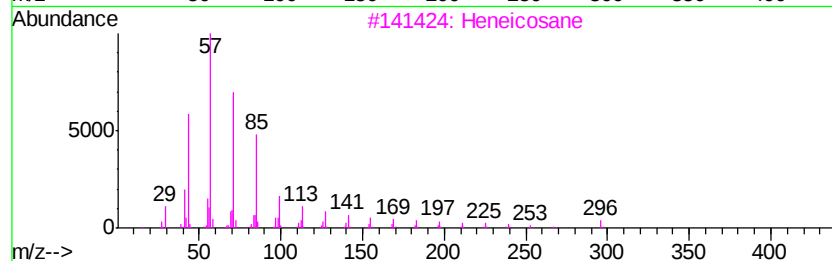
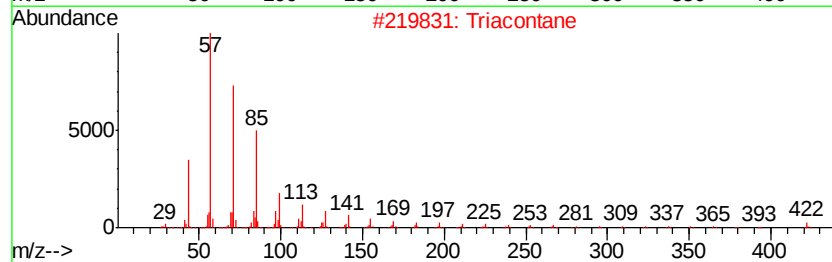
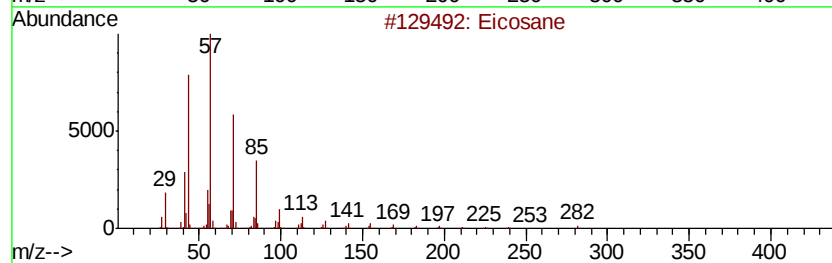
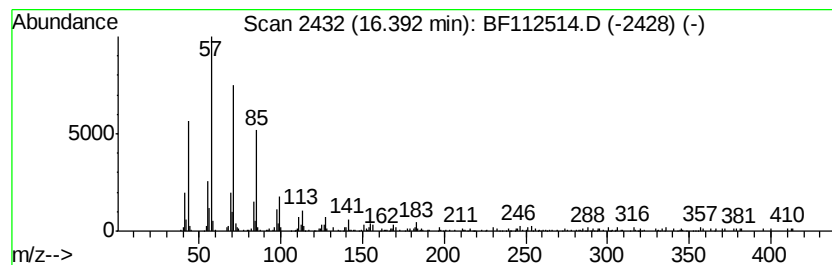
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	5.29 ng	259609	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Triacontane	422	C30H62	000638-68-6	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Docosane	310	C22H46	000629-97-0	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
Data File : BF112514.D
Acq On : 12 Feb 2019 16:48
Operator : JU/SJ
Sample : K1459-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.61	6.61	74.3	ng	1848760	1	6.83	497824	20.0
n-Hexadecanoic acid	11.88	8.6	ng	223229	4	11.36	520839	20.0
Octadecanoic acid	12.66	2.9	ng	74537	4	11.36	520839	20.0
3-Eicosene, (E)-	13.83	7.6	ng	278857	5	14.01	732451	20.0
Heptadecane, 2-me...	14.15	3.0	ng	109142	5	14.01	732451	20.0
Tetracosane	14.45	8.9	ng	325198	5	14.01	732451	20.0
Pentadecane, 8-he...	14.76	8.2	ng	401983	6	15.49	981381	20.0
Heneicosane	15.09	10.5	ng	516529	6	15.49	981381	20.0
Nonacosane	15.90	8.8	ng	432663	6	15.49	981381	20.0
Eicosane	16.39	5.3	ng	259609	6	15.49	981381	20.0