

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010320\
 Data File : BF118471.D
 Acq On : 3 Jan 2020 21:58
 Operator : JU
 Sample : K6484-48
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 40112-40120

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-BF122419.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	515	rBV	150721	180244	10.22%	0.858%
2	5.469	571	575	594	rBV	1077020	1097777	62.26%	5.227%
3	6.487	744	748	767	rBV	1375833	1385428	78.58%	6.597%
4	6.622	767	771	778	rVV	1549800	1435429	81.41%	6.835%
5	6.845	806	809	817	rBV	515350	420511	23.85%	2.002%
6	6.910	817	820	832	rVV	290413	418499	23.74%	1.993%
7	7.004	832	836	848	rVB	1197965	1095755	62.15%	5.217%
8	7.410	902	905	915	rBV	804540	803449	45.57%	3.826%
9	7.540	920	927	933	rVV	102892	181399	10.29%	0.864%
10	8.134	1025	1028	1036	rBV	520323	478316	27.13%	2.277%
11	9.210	1207	1211	1220	rVB	1642087	1359630	77.11%	6.474%
12	9.551	1265	1269	1272	rBV	453602	342769	19.44%	1.632%
13	9.604	1274	1278	1286	rVB	74769	80136	4.55%	0.382%
14	9.892	1323	1327	1331	rBV	602157	504022	28.59%	2.400%
15	10.228	1380	1384	1388	rVB	177832	163035	9.25%	0.776%
16	10.686	1459	1462	1471	rBV	934534	883726	50.12%	4.208%
17	11.116	1531	1535	1539	rBV	1176017	996195	56.50%	4.743%
18	11.275	1559	1562	1566	rVB3	120449	123762	7.02%	0.589%
19	11.386	1578	1581	1583	rBV	581189	503605	28.56%	2.398%
20	11.410	1583	1585	1593	rVB	268289	331786	18.82%	1.580%
21	11.839	1655	1658	1662	rBV2	107845	170960	9.70%	0.814%
22	11.916	1668	1671	1673	rBV2	230609	204611	11.60%	0.974%
23	11.969	1677	1680	1684	rVV	544069	524522	29.75%	2.497%
24	12.086	1697	1700	1703	rBV4	207743	296479	16.82%	1.412%
25	12.369	1745	1748	1750	rBV	292360	358994	20.36%	1.709%
26	12.480	1764	1767	1769	rBV2	310766	389435	22.09%	1.854%
27	12.616	1787	1790	1794	rBV2	804671	915270	51.91%	4.358%
28	12.851	1827	1830	1833	rVB2	565030	546452	30.99%	2.602%
29	12.986	1850	1853	1859	rVB	1828549	1763165	100.00%	8.395%
30	13.245	1895	1897	1902	rVB2	953908	1350498	76.60%	6.430%
31	13.527	1942	1945	1948	rVB	2063478	1696405	96.21%	8.077%

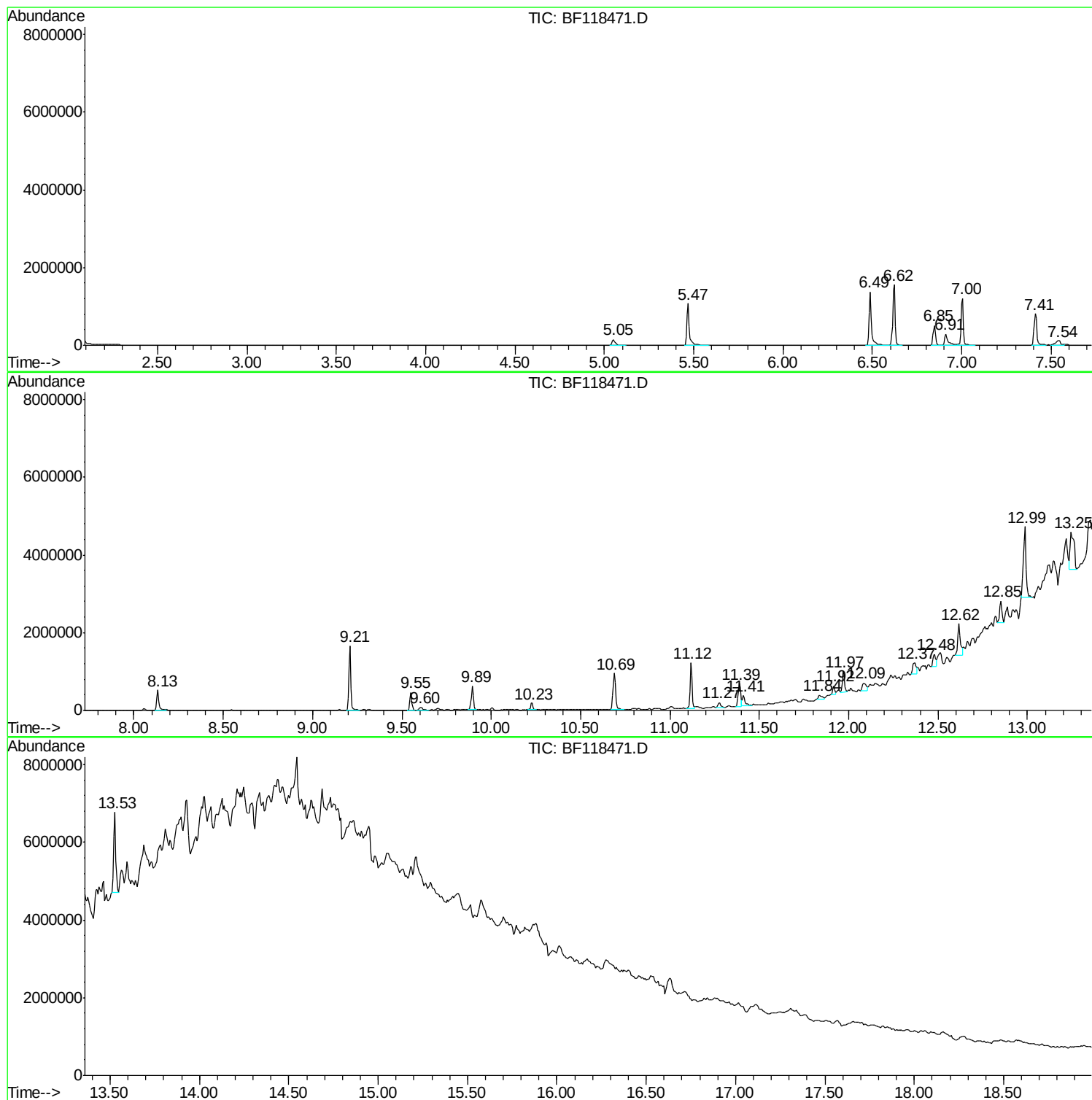
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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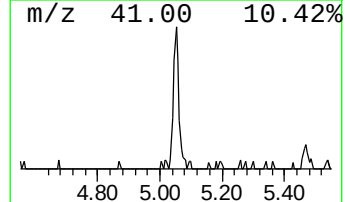
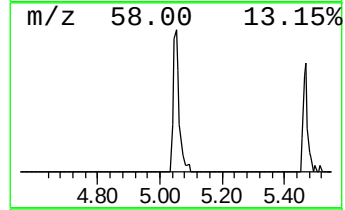
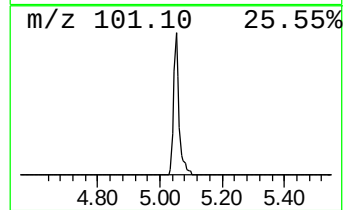
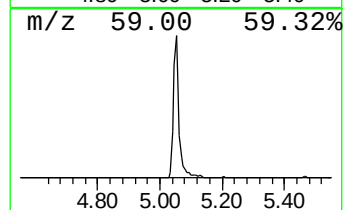
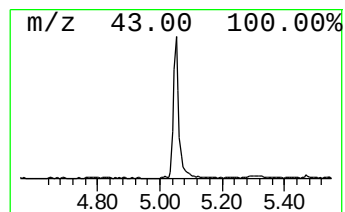
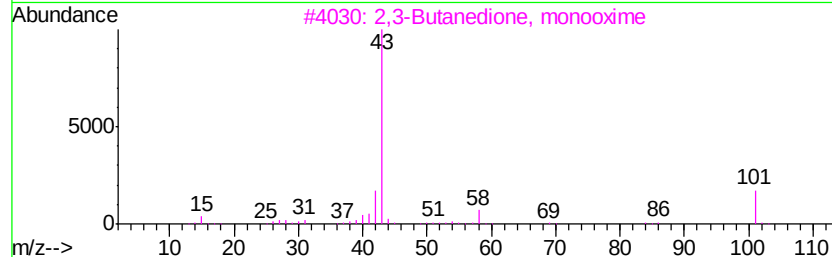
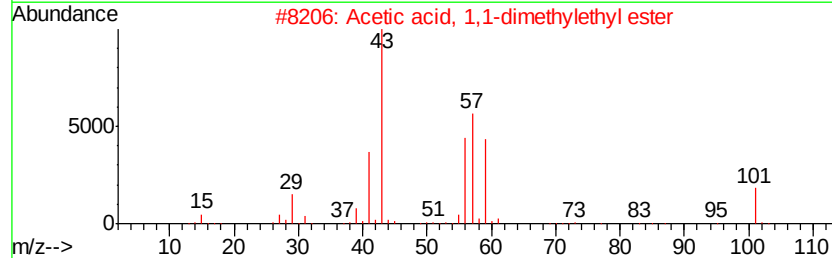
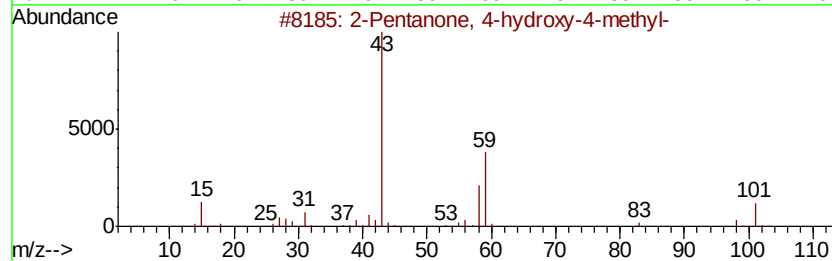
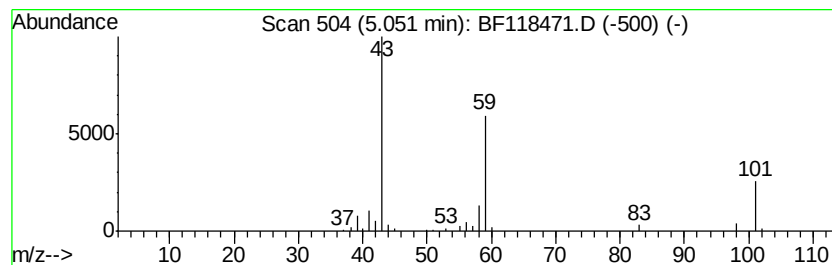
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.05	8.57 ng	180244	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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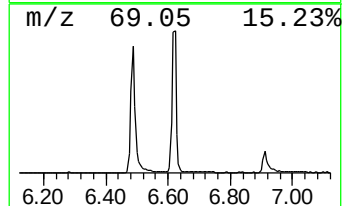
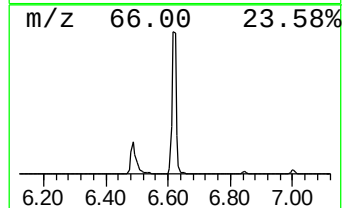
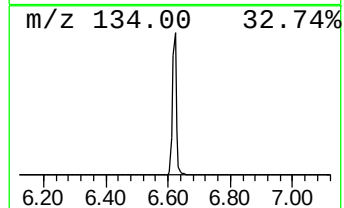
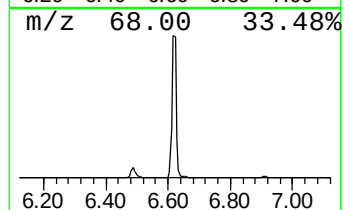
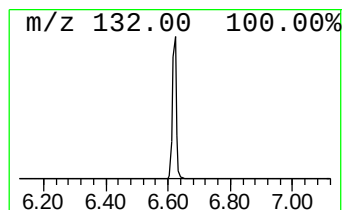
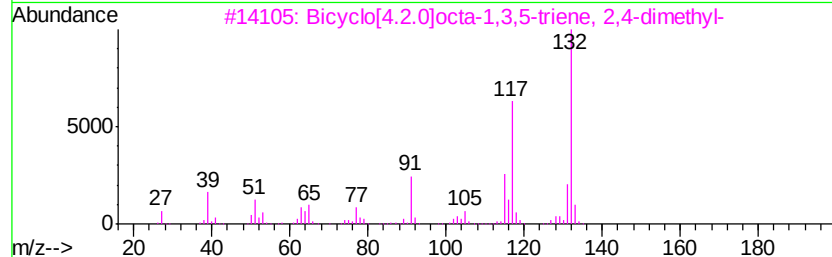
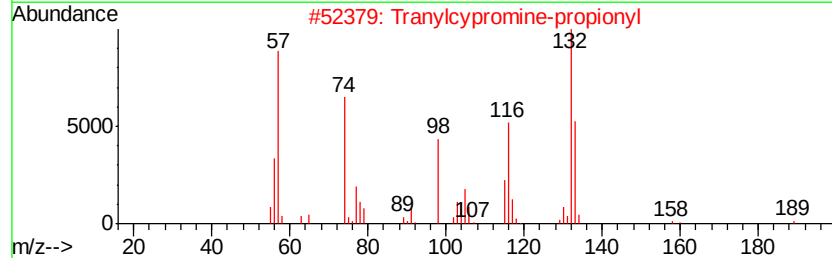
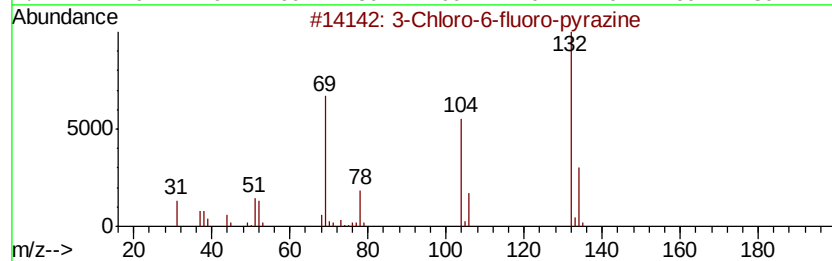
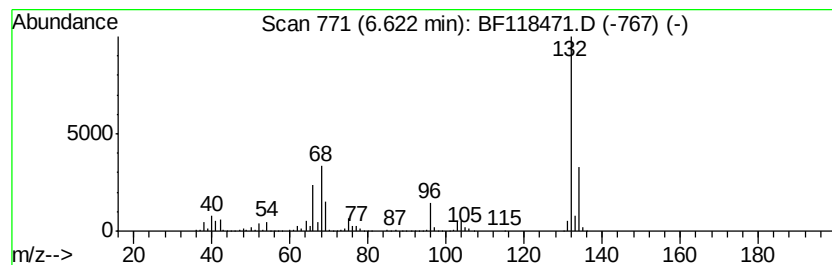
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Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	68.27 ng	1435430	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	35
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		Xenon	132	Xe	007440-63-3	9



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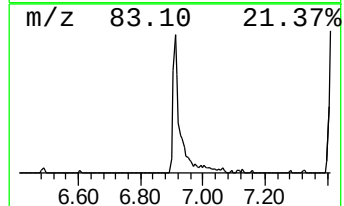
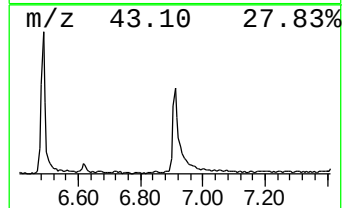
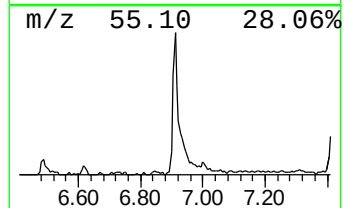
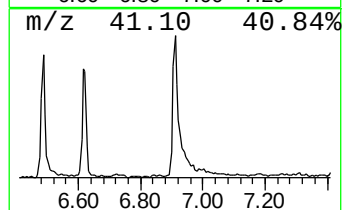
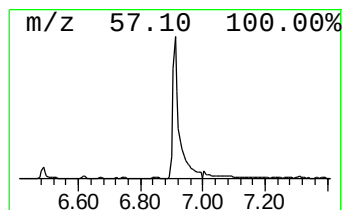
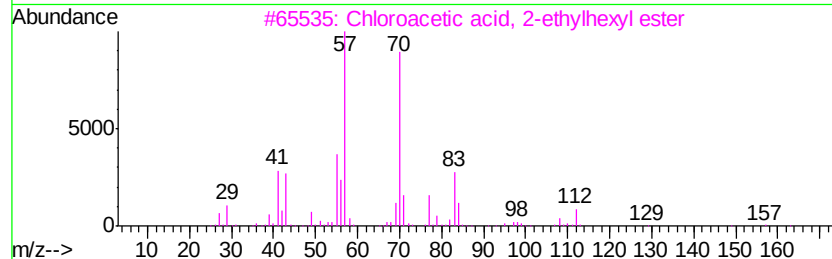
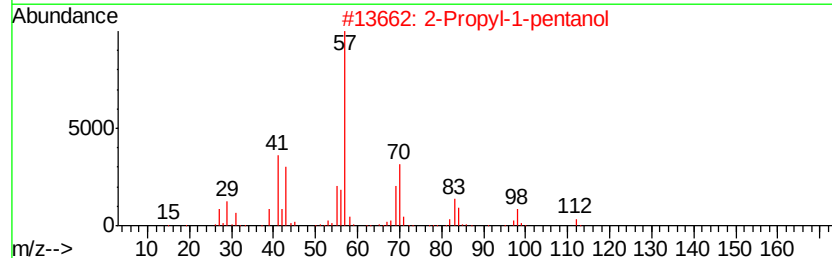
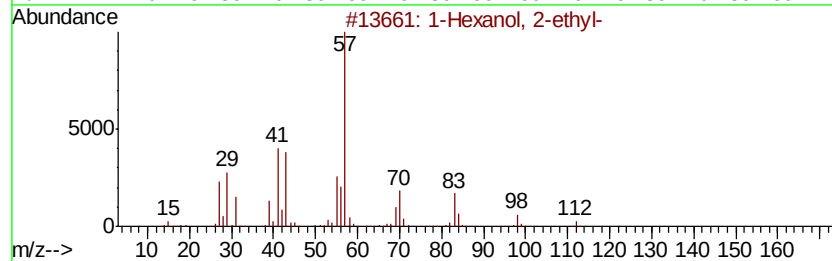
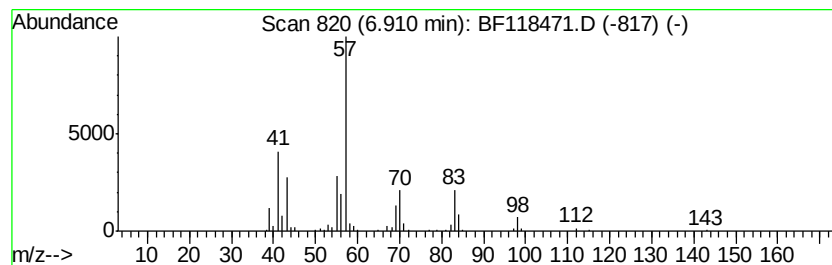
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TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	19.90 ng	418499	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3		Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	59
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	47



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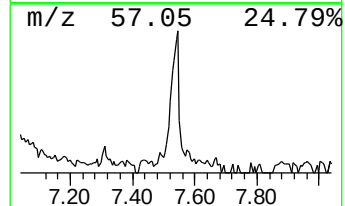
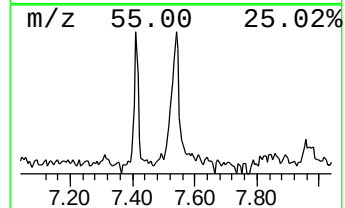
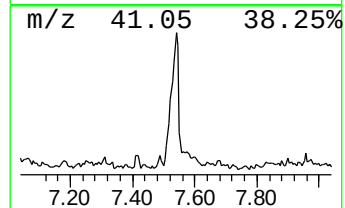
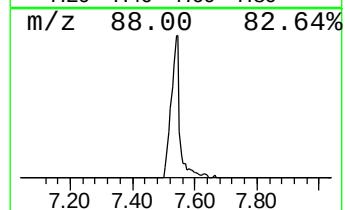
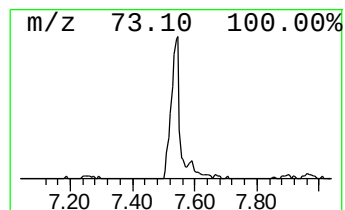
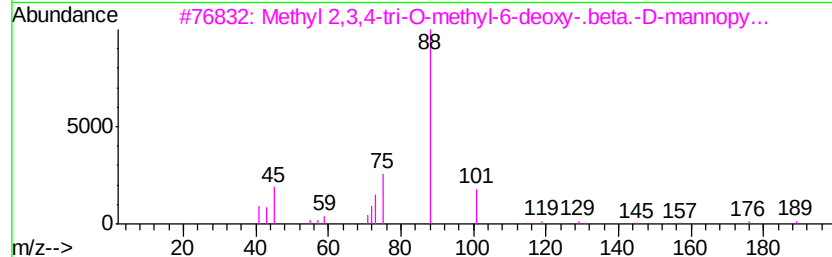
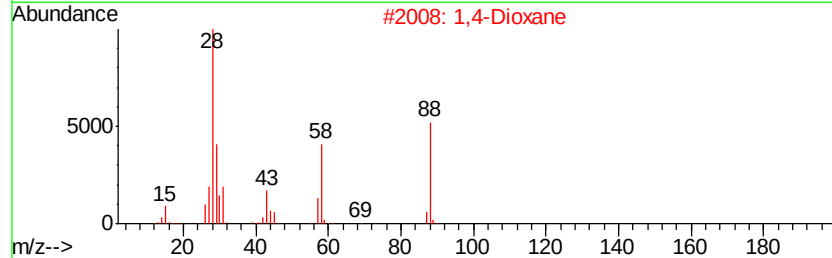
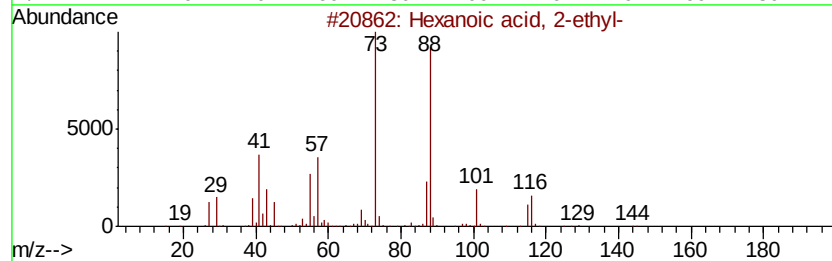
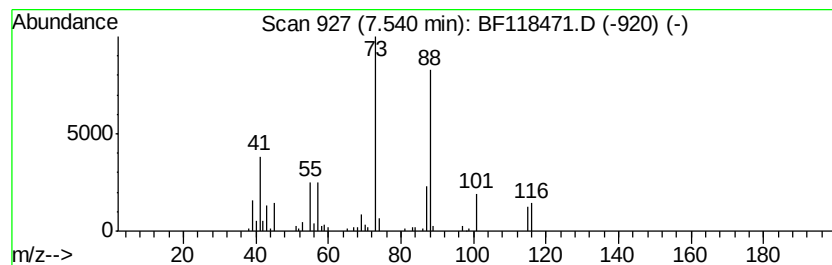
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Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	7.58 ng	181399	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2		1,4-Dioxane	88	C4H8O2	000123-91-1	43
3		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	035939-74-3	33
4		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	32
5		Methyl (R)-(-)-3-hydroxy-2-methy...	118	C5H10O3	072657-23-9	25



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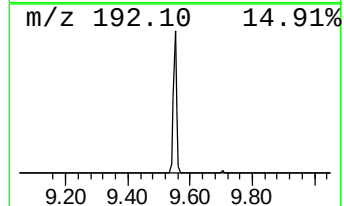
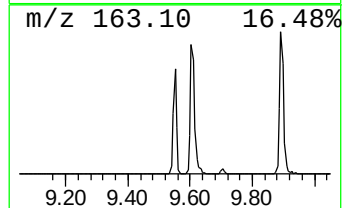
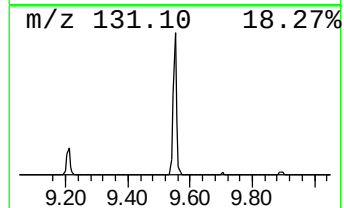
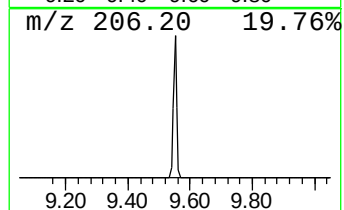
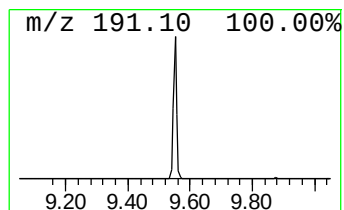
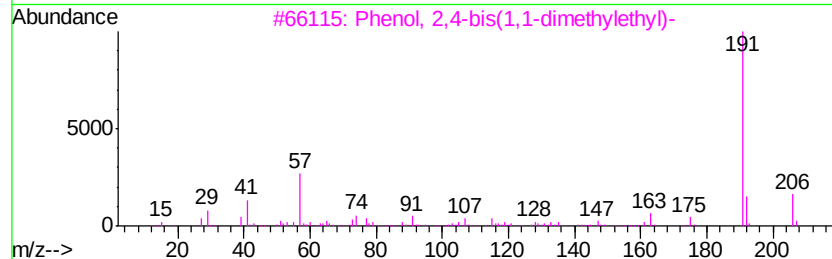
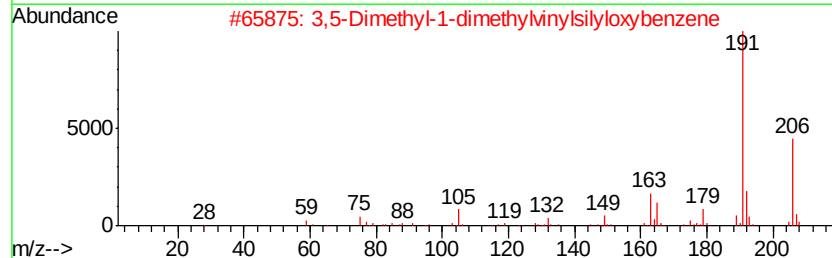
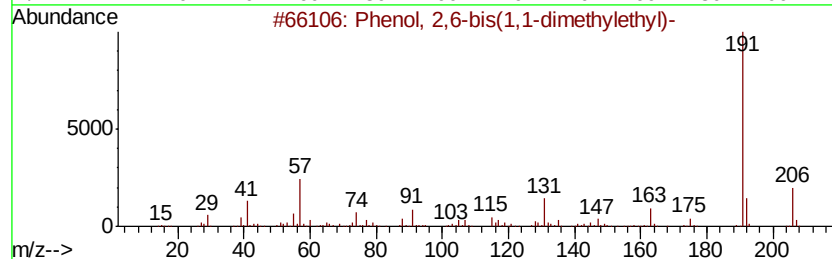
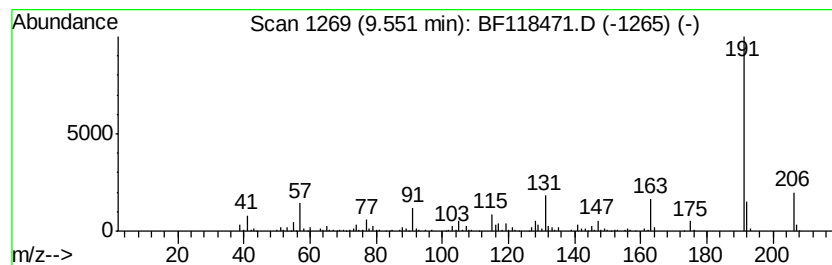
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Peak Number 6 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	13.60 ng	342769	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	95
2		3,5-Dimethyl-1-dimethylvinylsilyl...	206	C12H18OSi	1000307-91-8	80
3		Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	80
4		1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	80
5		Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	74



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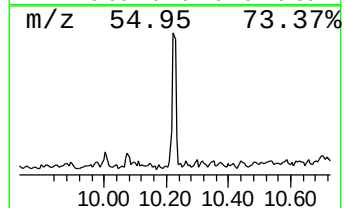
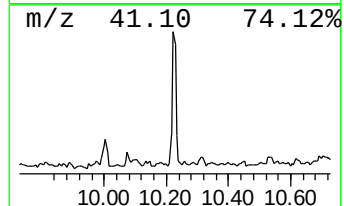
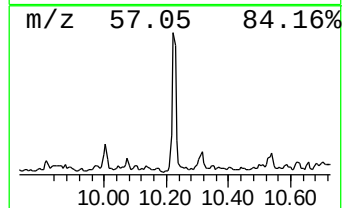
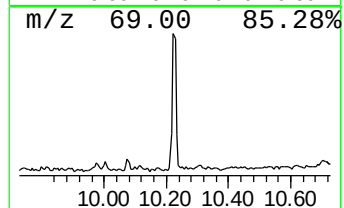
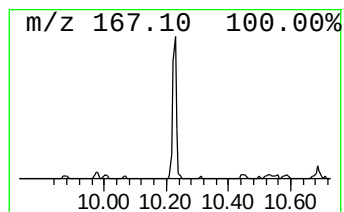
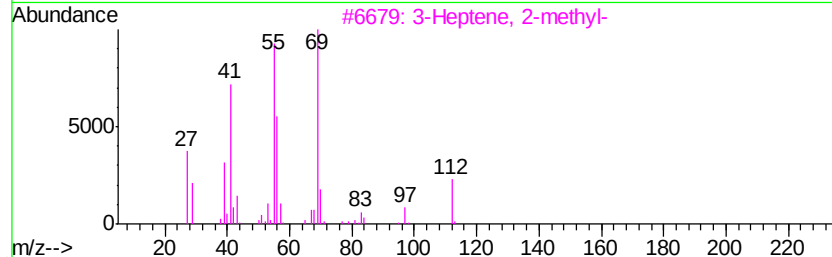
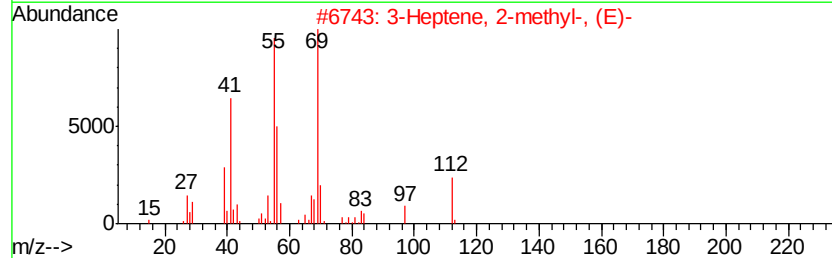
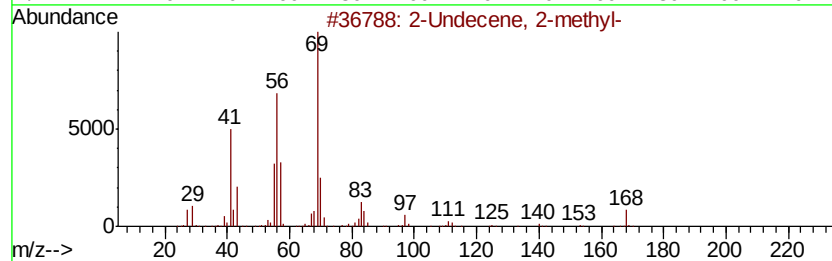
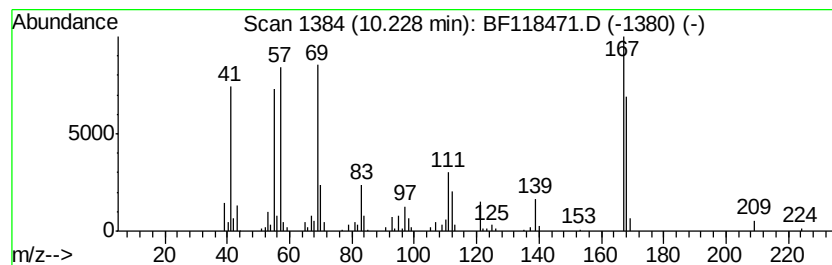
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.23 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.23	6.47 ng	163035	Acenaphthene-d10	9.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 2-methyl-	168	C12H24	056888-88-1	46
2	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	30
3	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	30
4	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	30
5	5-Allyl-5-butylbarbituric acid	224	C11H16N2O3	003146-66-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
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 Acq On : 3 Jan 2020 21:58
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 Sample : K6484-48
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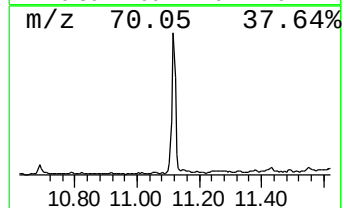
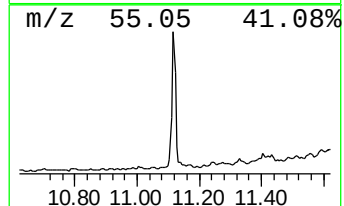
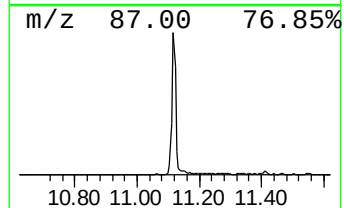
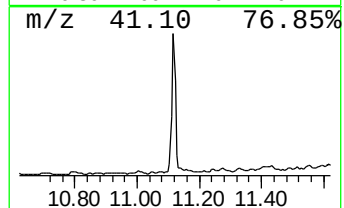
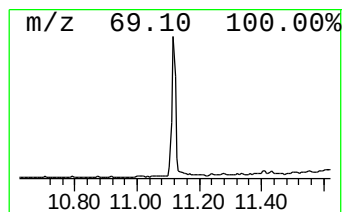
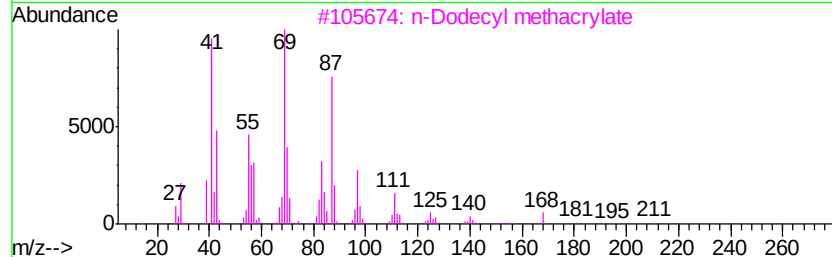
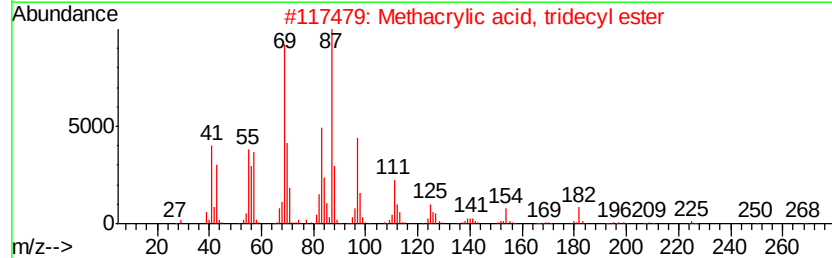
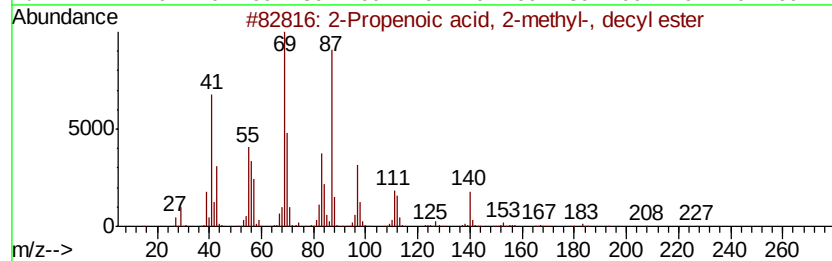
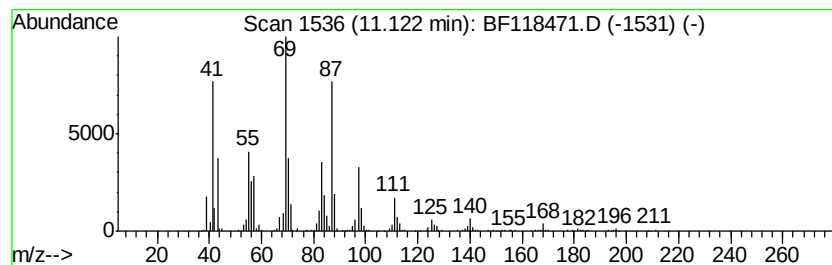
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 2-Propenoic acid, 2-methyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.12	39.56 ng	996195	Phenanthrene-d10		11.39		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2		Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	91
2			Methacrylic acid, tridecyl ester	268	C17H32O2	1000340-28-9	91
3			n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	90
4			Methacrylic acid, tetradecyl ester	282	C18H34O2	1000340-29-0	58
5			Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118471.D
Acq On : 3 Jan 2020 21:58
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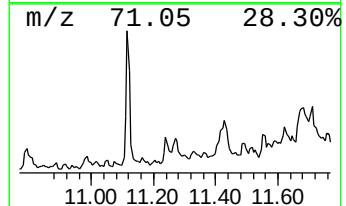
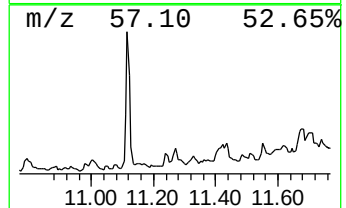
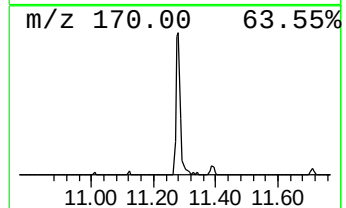
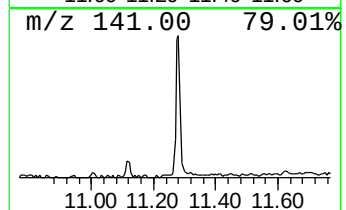
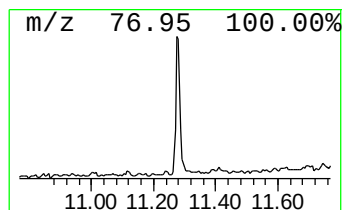
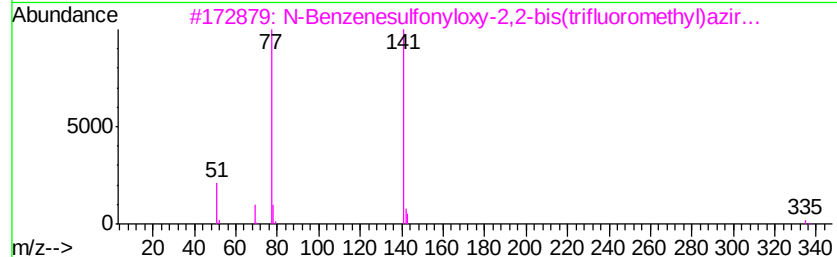
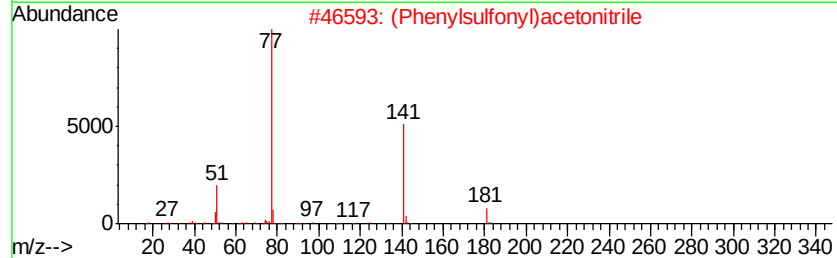
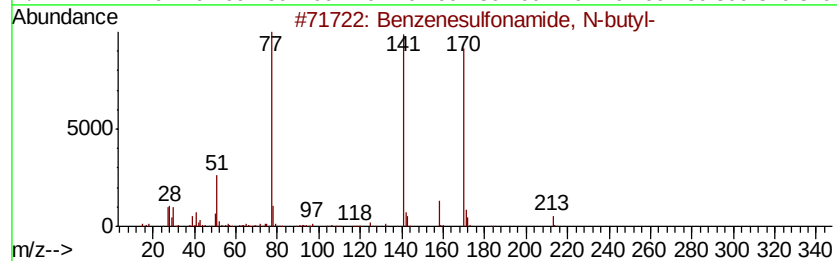
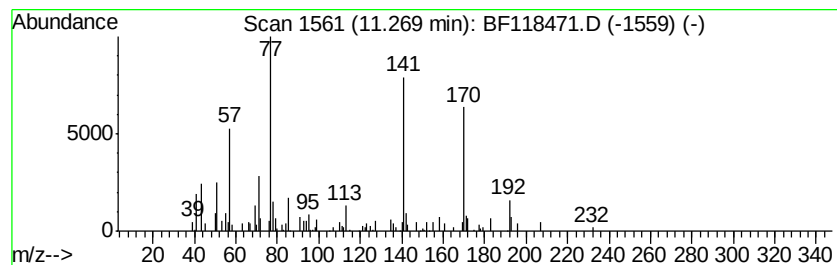
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzenesulfonamide, N-butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	4.92 ng	123762	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	94
2		(Phenylsulfonyl)acetonitrile	181	C8H7NO2S	007605-28-9	47
3		N-Benzenesulfonyloxv-2,2-bis(tri...	335	C10H7F6NO3S	055734-41-3	38
4		Benzenesulfonyl azide	183	C6H5N3O2S	000938-10-3	38
5		Benzenesulfonyl chloride	176	C6H5ClO2S	000098-09-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118471.D
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Sample : K6484-48
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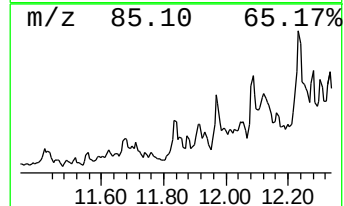
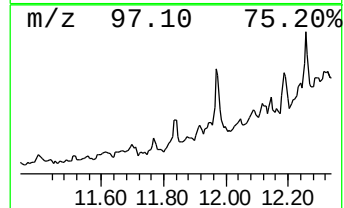
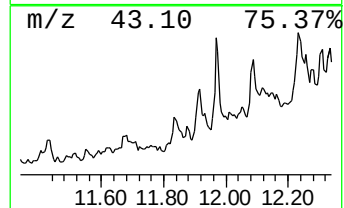
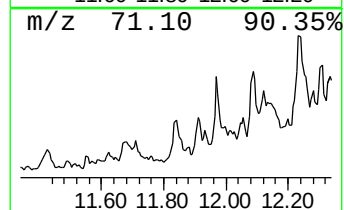
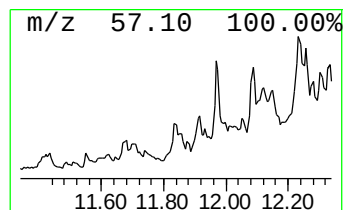
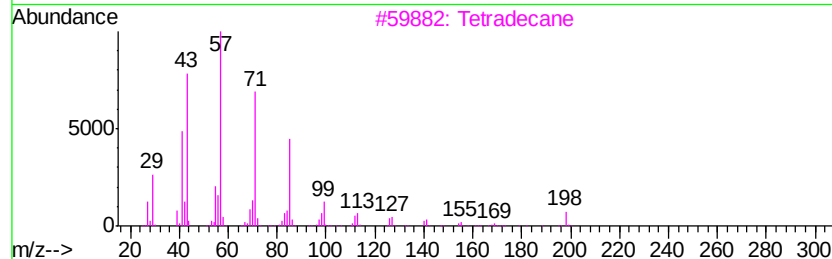
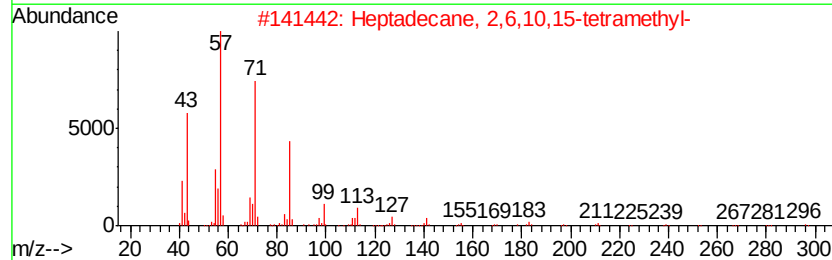
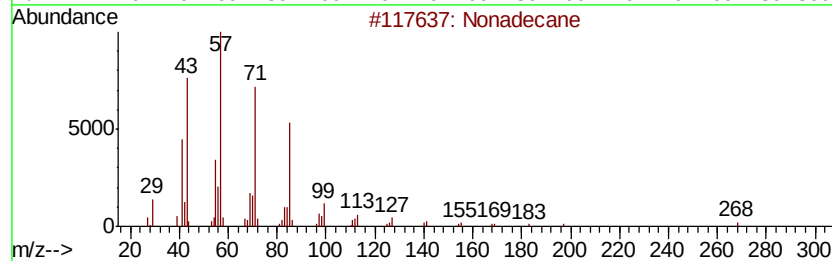
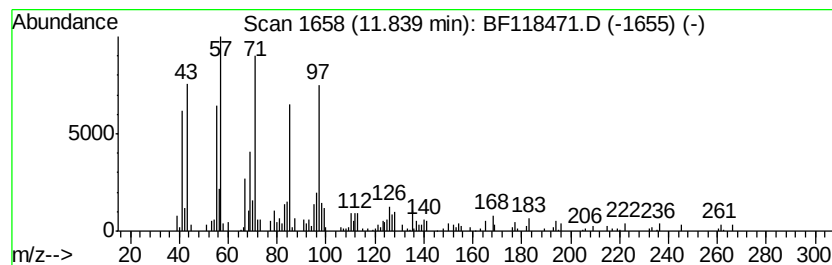
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.84 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	6.79 ng	170960	Phenanthrene-d10	11.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	43
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43
3			Tetradecane	198	C14H30	000629-59-4	38
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	30
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
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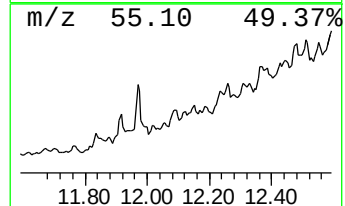
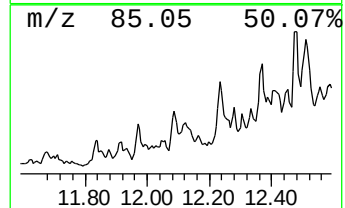
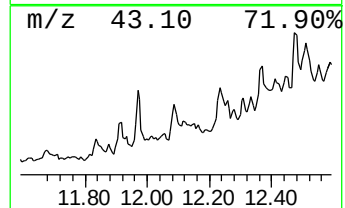
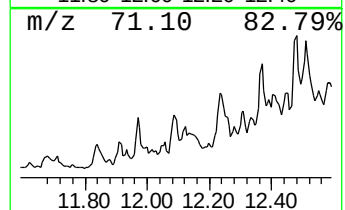
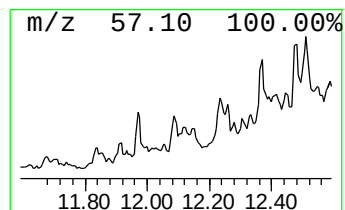
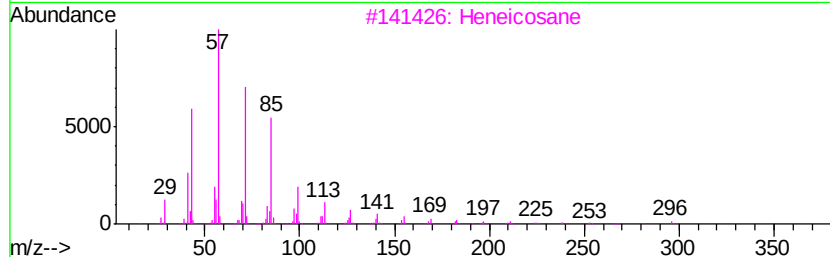
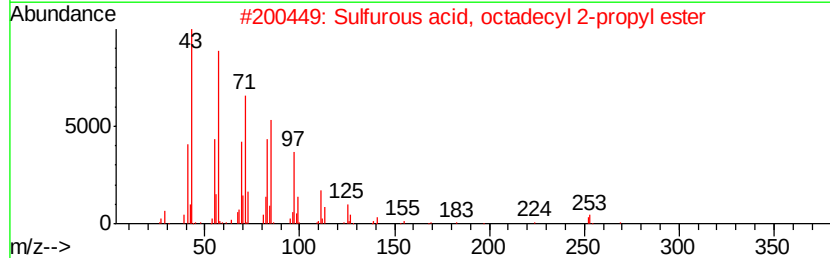
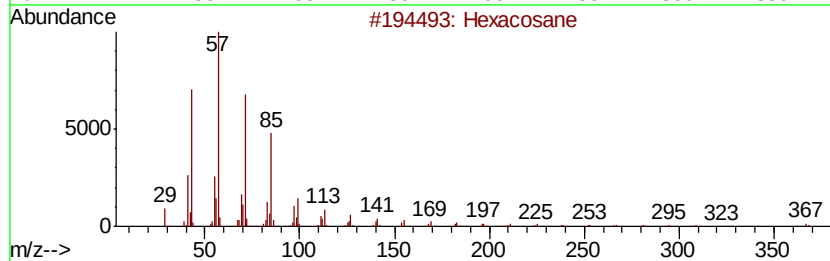
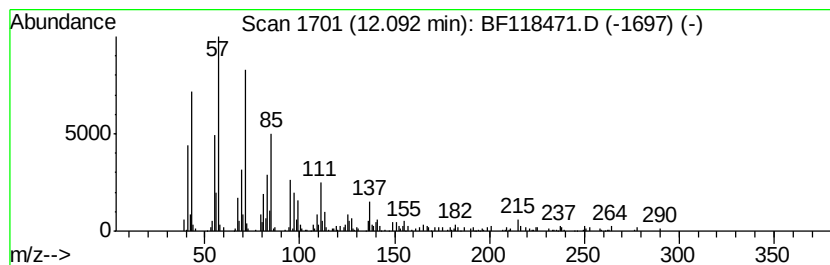
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	11.77 ng	296479	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	68
2		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	64
3		Heneicosane	296	C21H44	000629-94-7	62
4		Eicosane	282	C20H42	000112-95-8	62
5		Heptadecane	240	C17H36	000629-78-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118471.D
Acq On : 3 Jan 2020 21:58
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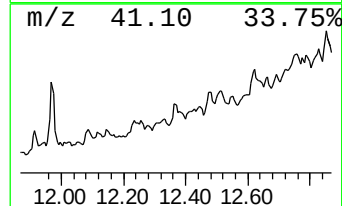
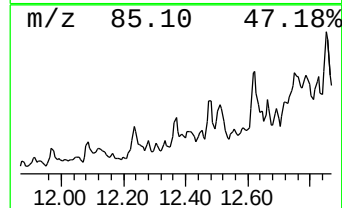
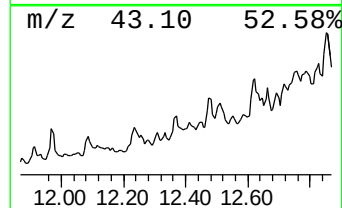
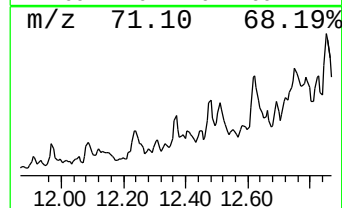
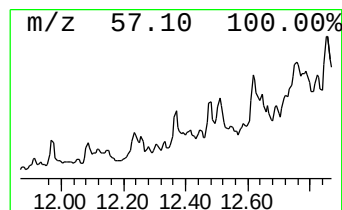
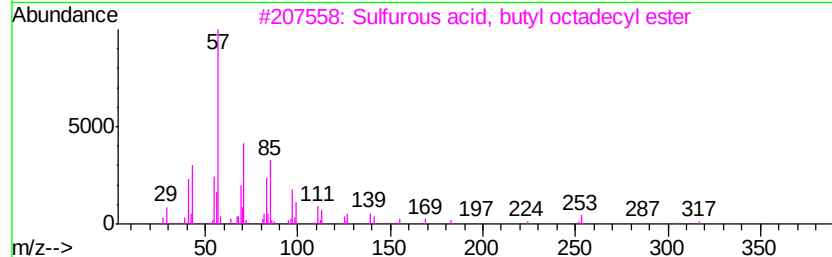
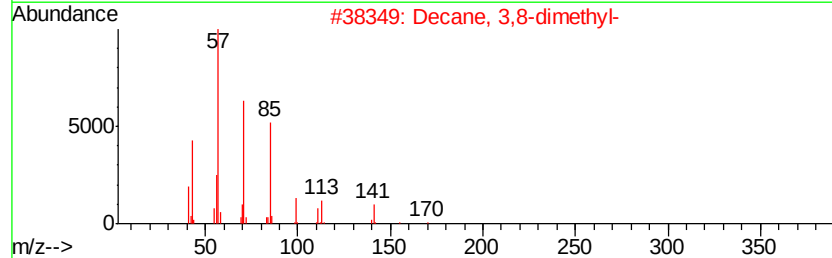
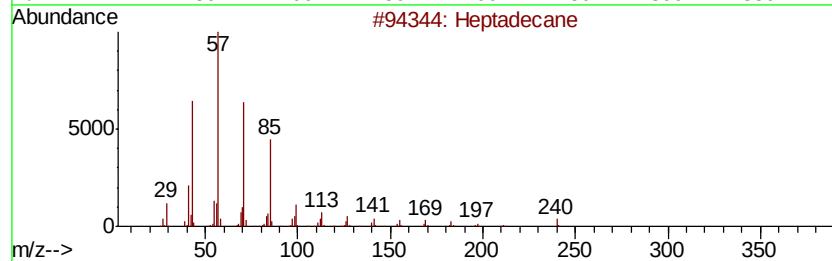
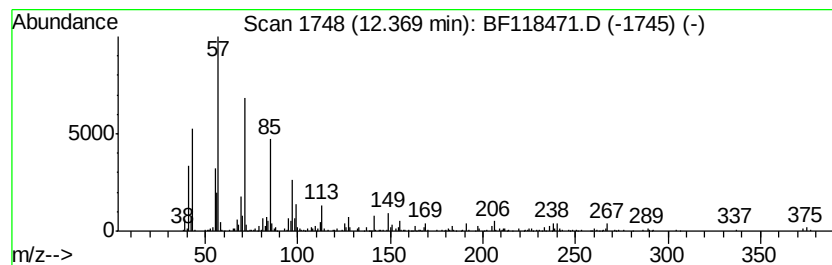
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	14.26 ng	358994	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	86
3	Sulfurous acid, butyl octadecyl ...		390	C22H46O3S	1000309-18-5	80
4	Docosane		310	C22H46	000629-97-0	68
5	Heneicosane		296	C21H44	000629-94-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
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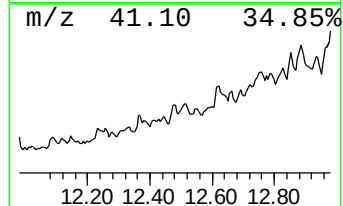
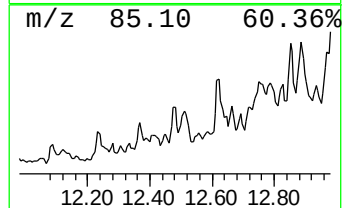
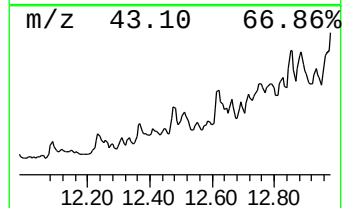
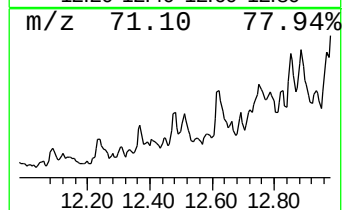
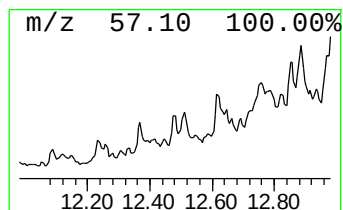
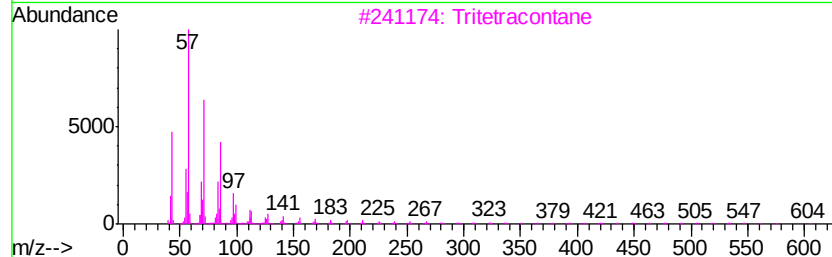
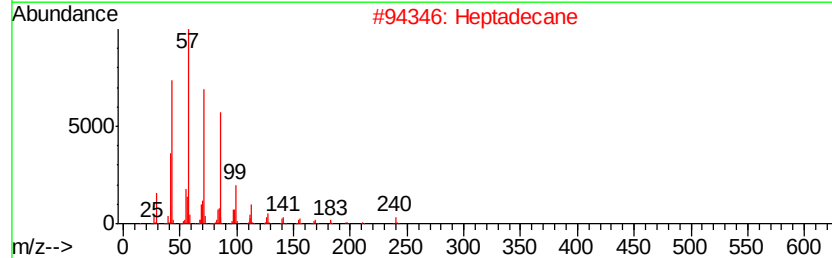
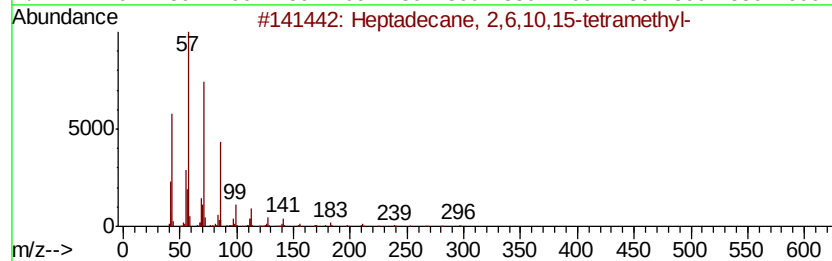
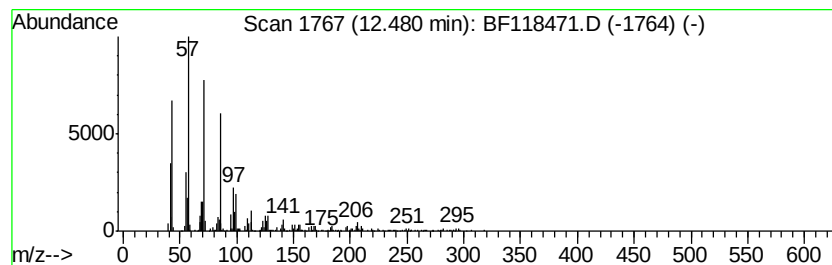
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	15.47 ng	389435	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2		Heptadecane	240	C17H36	000629-78-7	91
3		Tritetracontane	605	C43H88	007098-21-7	86
4		Hexacosane	366	C26H54	000630-01-3	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
40112-40120

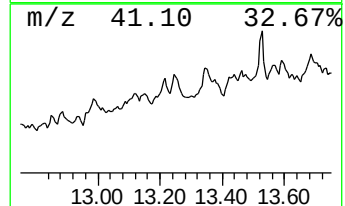
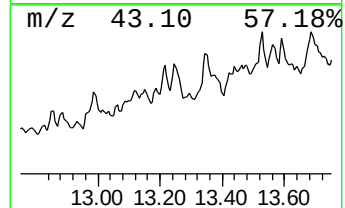
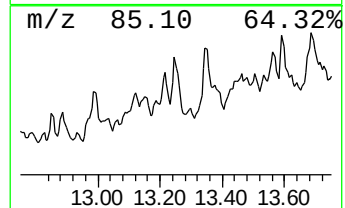
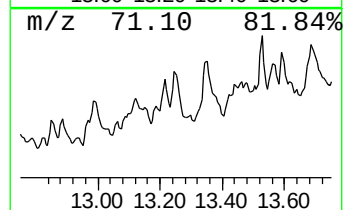
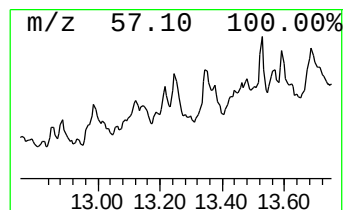
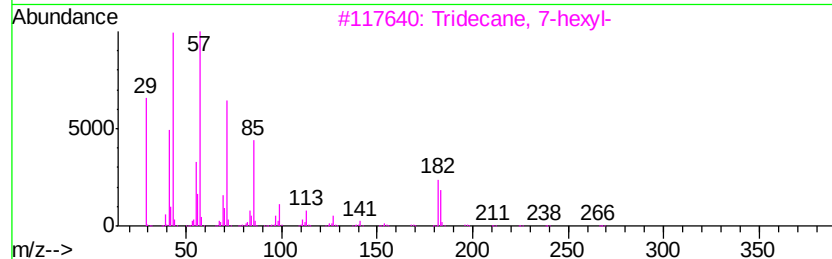
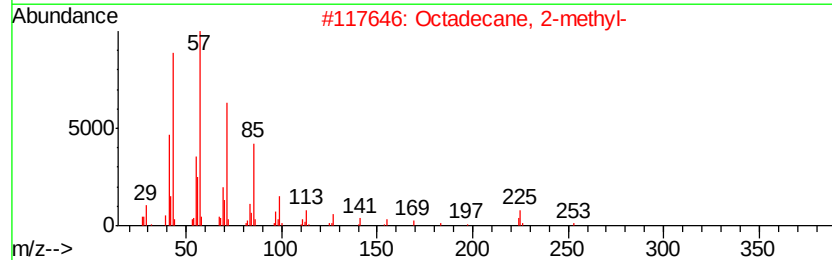
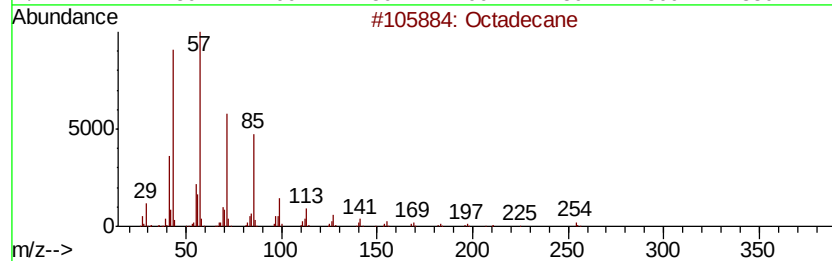
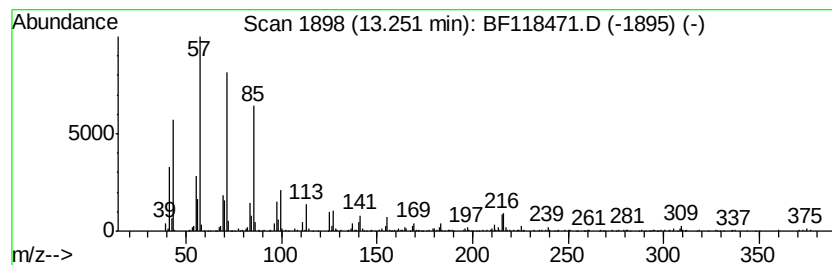
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	15.92 ng	1350500	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	87
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
4		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118471.D
Acq On : 3 Jan 2020 21:58
Operator : JU
Sample : K6484-48
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
40112-40120

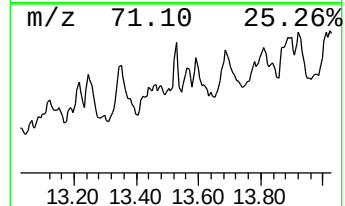
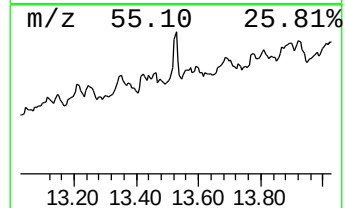
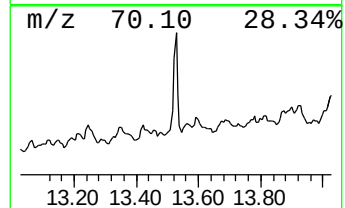
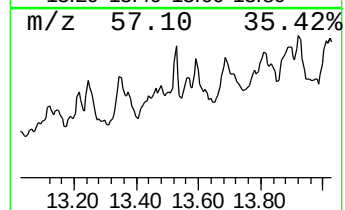
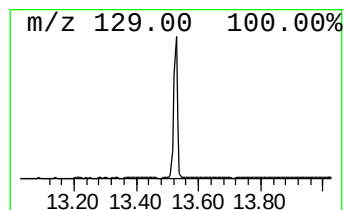
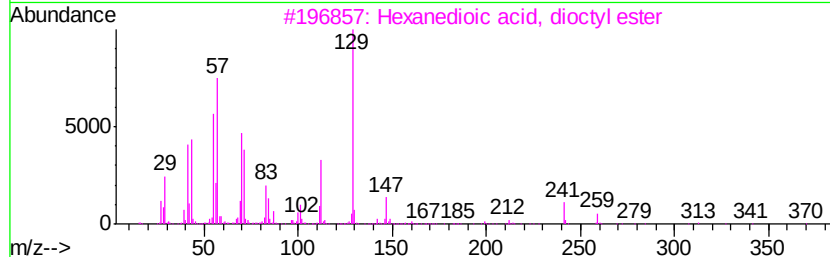
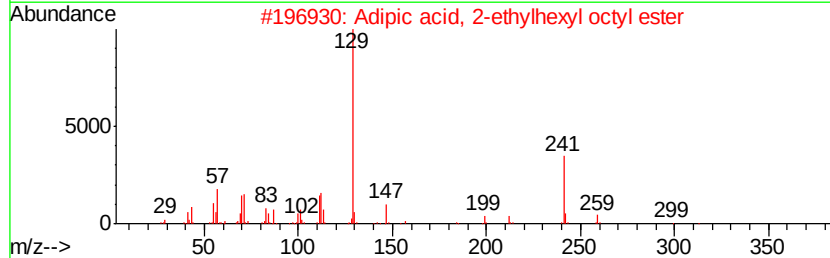
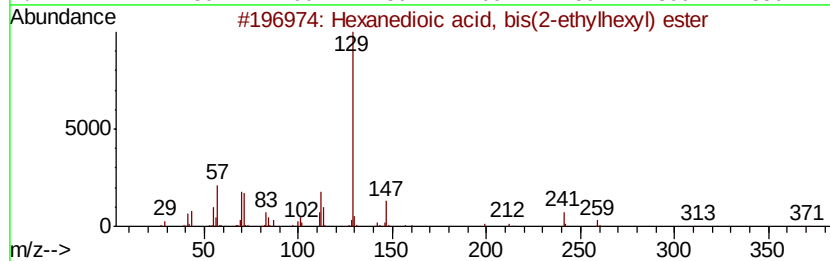
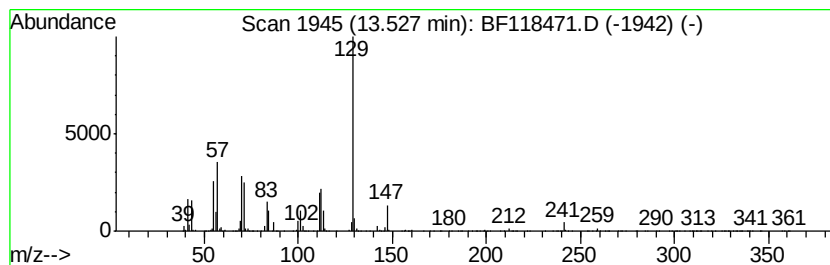
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexanedioic acid, bis(2-eth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	20.00 ng	1696410	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
2		Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3		Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	74
4		Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68
5		Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010320\
 Data File : BF118471.D
 Acq On : 3 Jan 2020 21:58
 Operator : JU
 Sample : K6484-48
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 40112-40120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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
2-Pentanone, 4-hy...	5.05	8.6 ng		180244	1	6.85	420511	20.0
unknown6.62	6.62	68.3 ng		1435430	1	6.85	420511	20.0
1-Hexanol, 2-ethyl-	6.91	19.9 ng		418499	1	6.85	420511	20.0
Hexanoic acid, 2-...	7.54	7.6 ng		181399	2	8.13	478316	20.0
Phenol, 2,6-bis(1...	9.55	13.6 ng		342769	3	9.89	504022	20.0
unknown10.23	10.23	6.5 ng		163035	3	9.89	504022	20.0
2-Propenoic acid,...	11.12	39.6 ng		996195	4	11.39	503605	20.0
Benzenesulfonamid...	11.27	4.9 ng		123762	4	11.39	503605	20.0
unknown11.84	11.84	6.8 ng		170960	4	11.39	503605	20.0
Hexacosane	12.09	11.8 ng		296479	4	11.39	503605	20.0
Heptadecane	12.37	14.3 ng		358994	4	11.39	503605	20.0
Heptadecane, 2,6,...	12.48	15.5 ng		389435	4	11.39	503605	20.0
Octadecane	13.25	15.9 ng		1350500	5	14.07	1696410	20.0
Hexanedioic acid,...	13.53	20.0 ng		1696410	5	14.07	1696410	20.0