

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011320\
 Data File : BF118537.D
 Acq On : 13 Jan 2020 18:16
 Operator : JU
 Sample : L1091-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-SOIL

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-BF010820.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	5.010	493	497	508	rVB	144738	169084	12.59%	1.111%
2	5.434	565	569	582	rBV	917545	1049817	78.16%	6.895%
3	6.451	739	742	762	rBV	914588	993231	73.95%	6.524%
4	6.587	762	765	770	rBV	1326840	1088783	81.06%	7.151%
5	6.816	801	804	811	rBV	419449	354288	26.38%	2.327%
6	6.881	811	815	827	rVV	410774	504113	37.53%	3.311%
7	6.969	827	830	844	rVB	1035348	876034	65.22%	5.754%
8	7.381	897	900	909	rBV	710189	600715	44.73%	3.945%
9	8.098	1020	1022	1027	rBV	510976	409255	30.47%	2.688%
10	9.175	1202	1205	1209	rVB	1346720	1174249	87.43%	7.712%
11	9.563	1269	1271	1272	rBV	311410	247857	18.45%	1.628%
12	9.722	1295	1298	1301	rBV4	242080	316740	23.58%	2.080%
13	9.769	1303	1306	1309	rVB2	559612	534448	39.79%	3.510%
14	9.845	1316	1319	1320	rBV3	250839	272676	20.30%	1.791%
15	9.863	1320	1322	1325	rVB	620937	470454	35.03%	3.090%
16	10.122	1363	1366	1368	rBV3	273408	279004	20.77%	1.832%
17	10.198	1377	1379	1383	rVB2	632611	520017	38.72%	3.415%
18	10.269	1389	1391	1394	rBV	544003	554947	41.32%	3.645%
19	10.663	1455	1458	1461	rBV	842887	853940	63.58%	5.609%
20	10.786	1476	1479	1486	rVB	1114719	1317217	98.07%	8.651%
21	11.257	1556	1559	1564	rVB	1267795	1343120	100.00%	8.822%
22	11.363	1575	1577	1580	rBV2	695018	802906	59.78%	5.273%
23	17.886	2680	2686	2688	rBV5	156264	340188	25.33%	2.234%
24	18.086	2717	2720	2722	rBV4	95284	152246	11.34%	1.000%

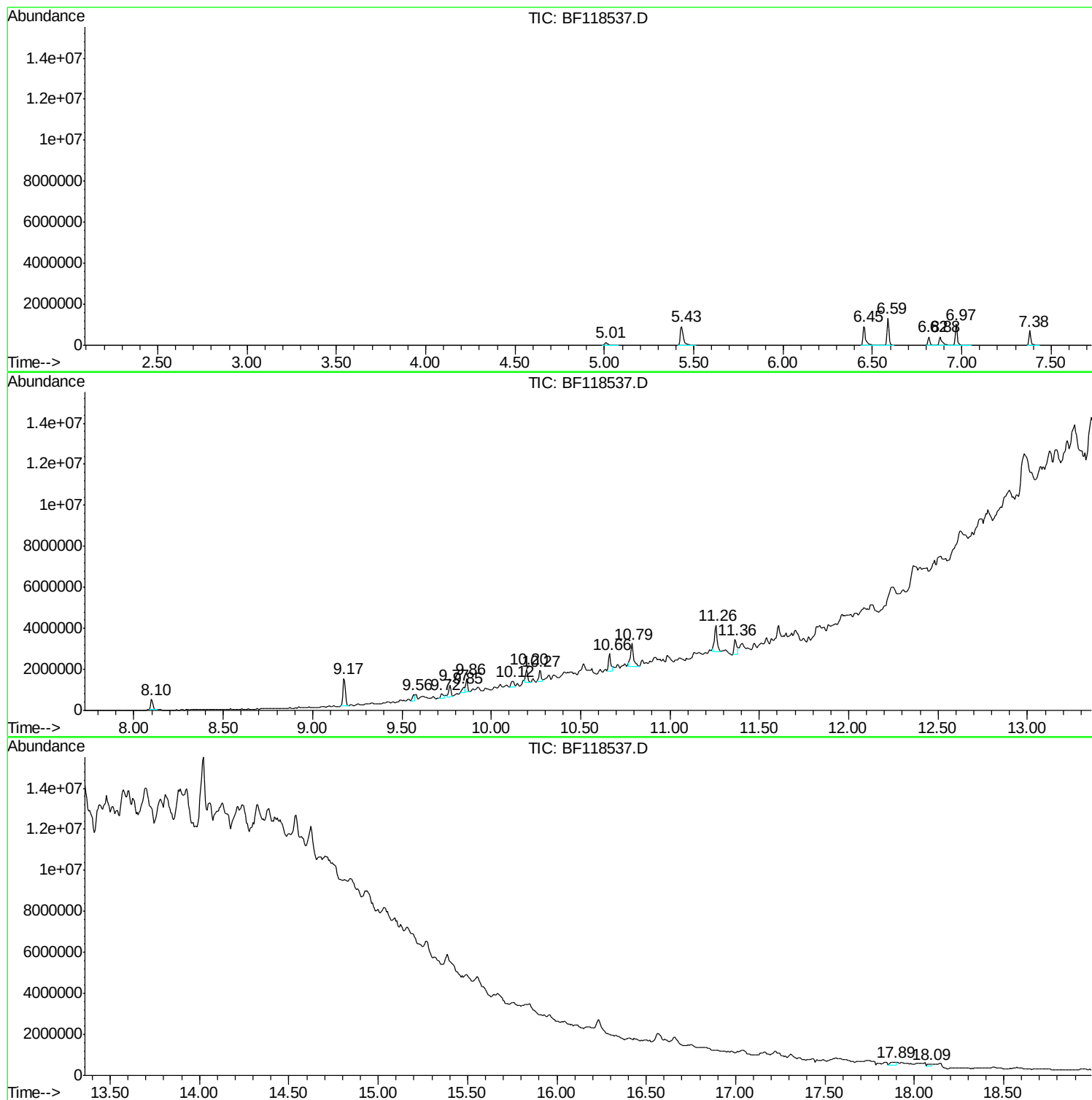
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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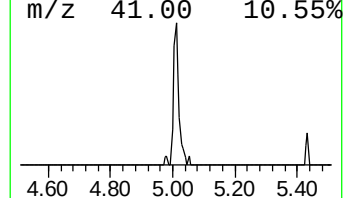
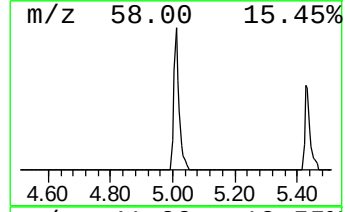
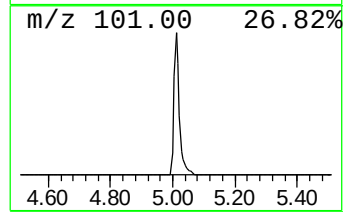
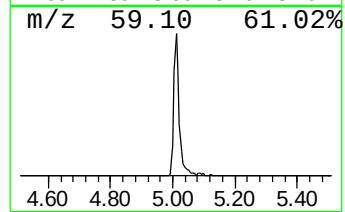
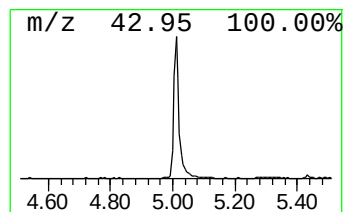
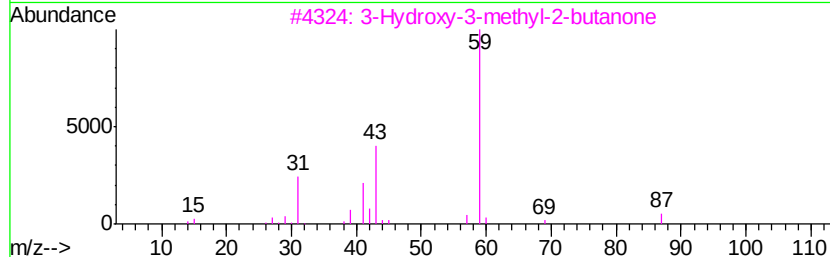
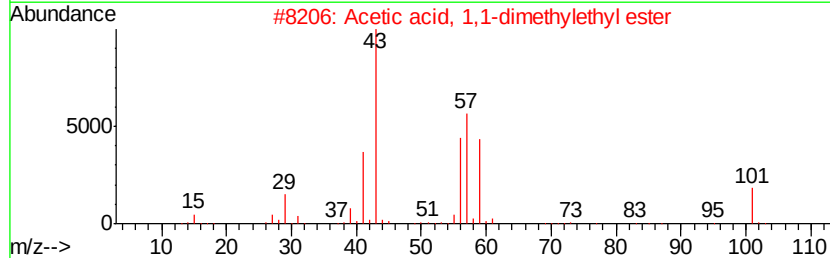
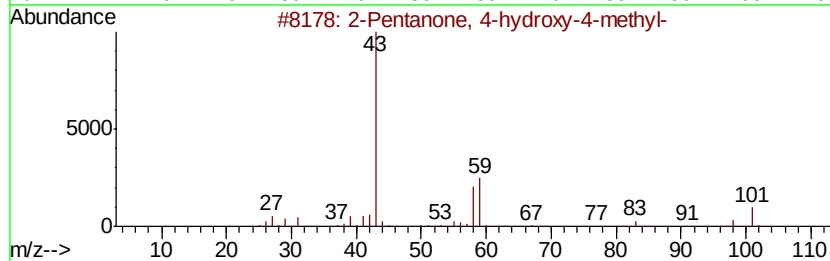
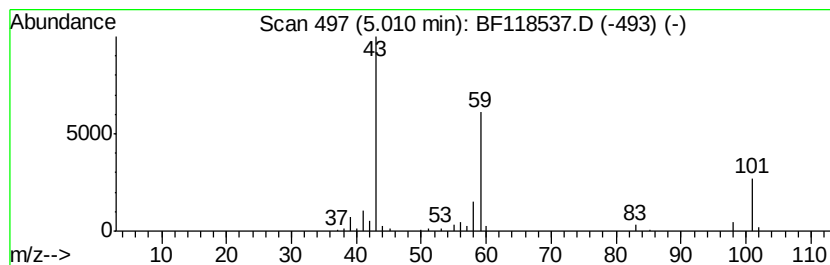
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	9.55 ng	169084	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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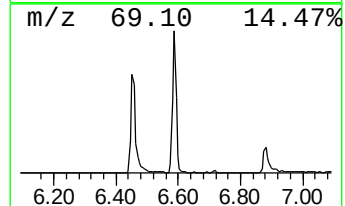
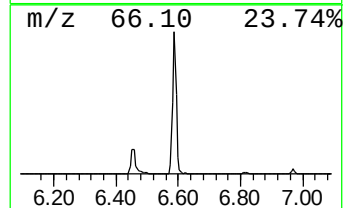
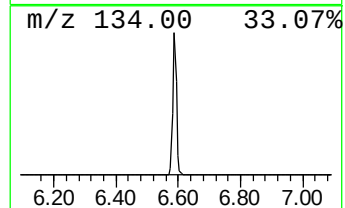
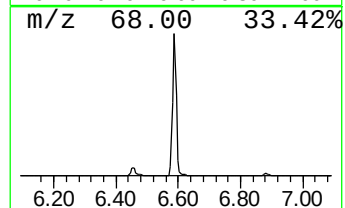
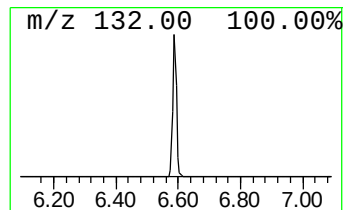
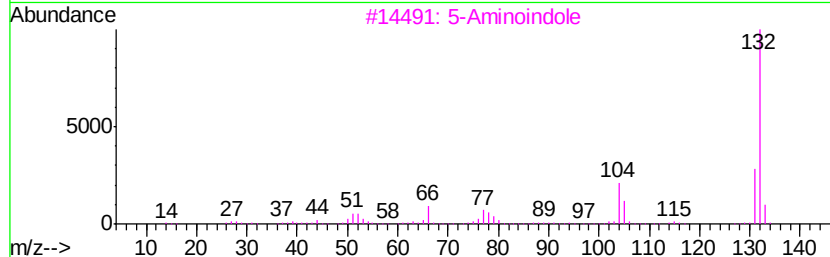
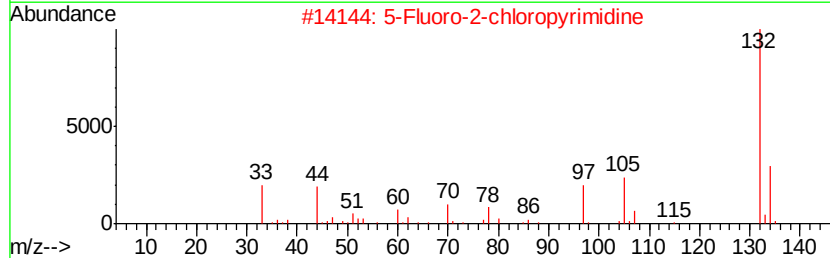
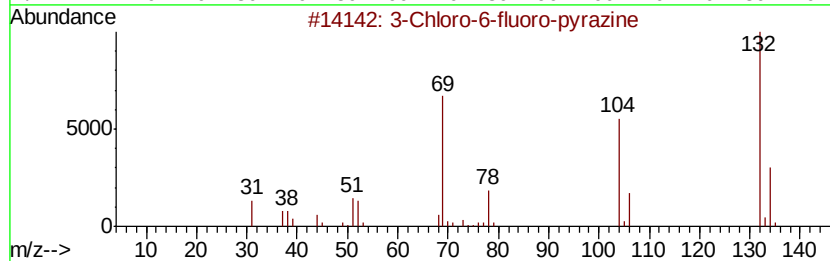
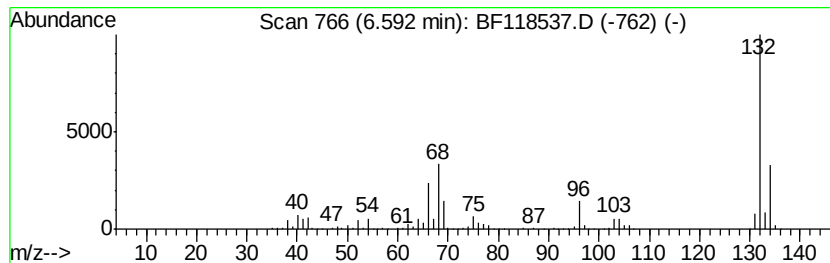
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	61.46 ng	1088780	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	16
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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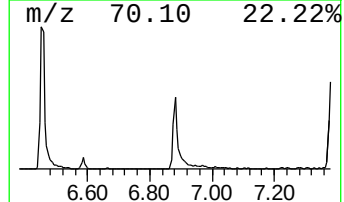
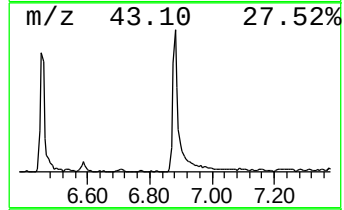
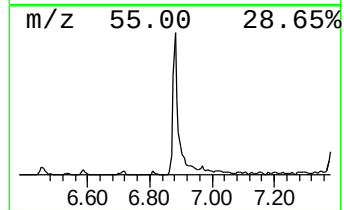
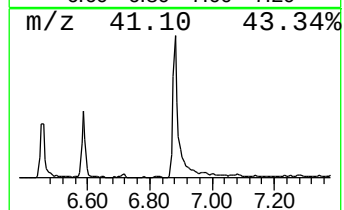
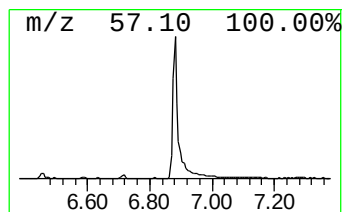
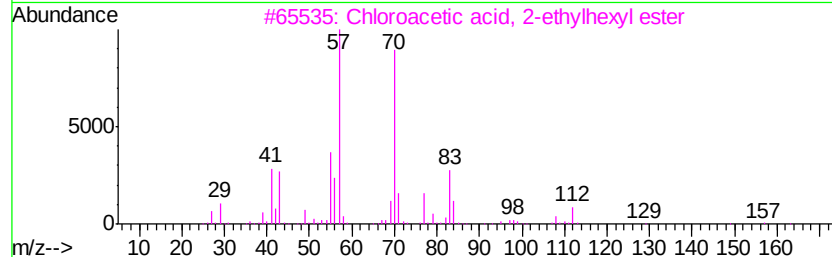
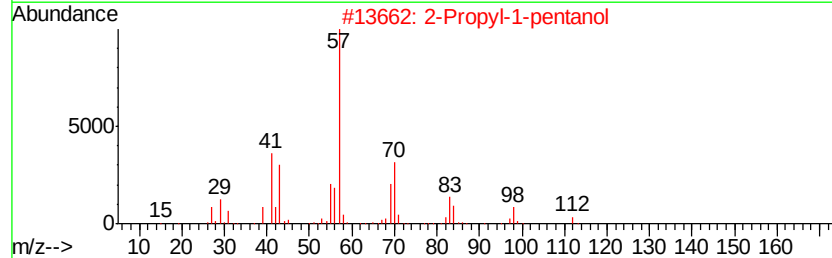
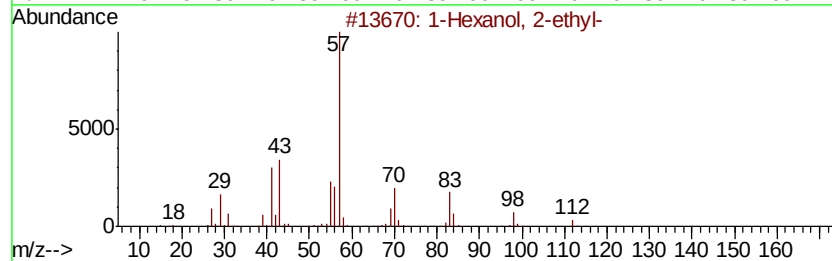
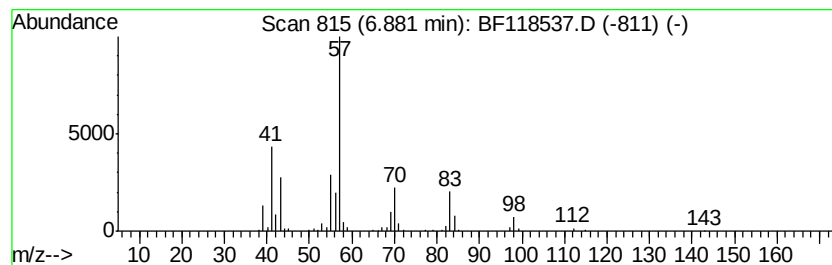
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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	28.46 ng	504113	1,4-Dichlorobenzene-d4	6.82

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	64
3		Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	59
4		Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	53
5		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50



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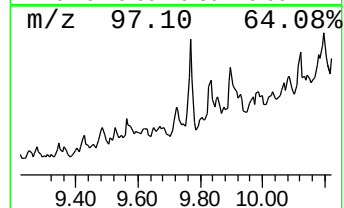
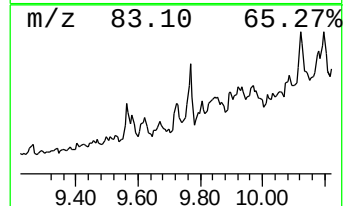
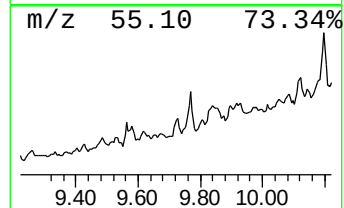
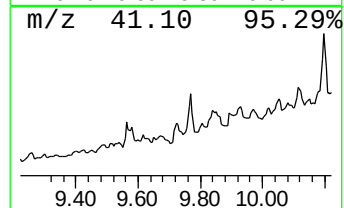
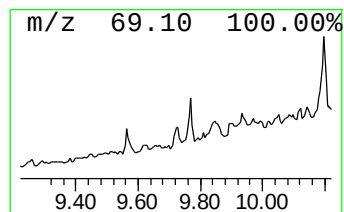
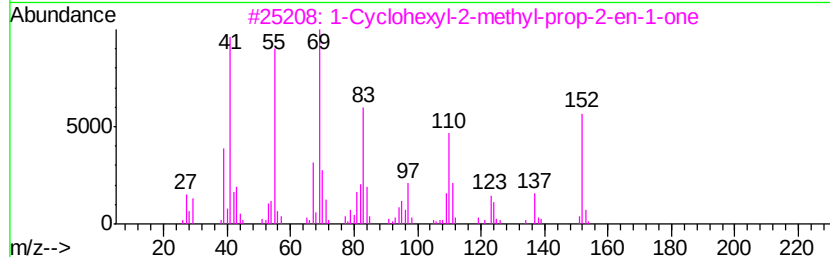
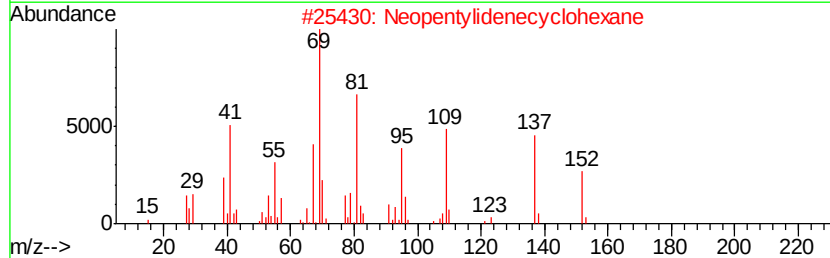
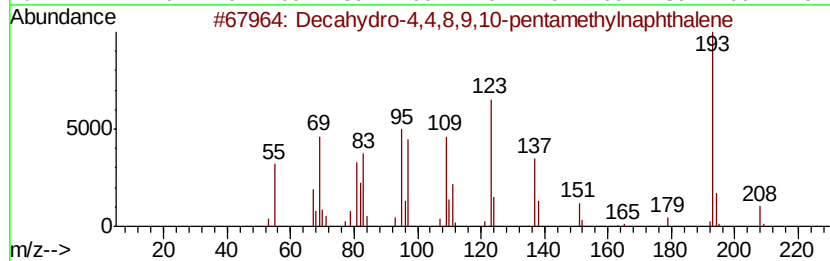
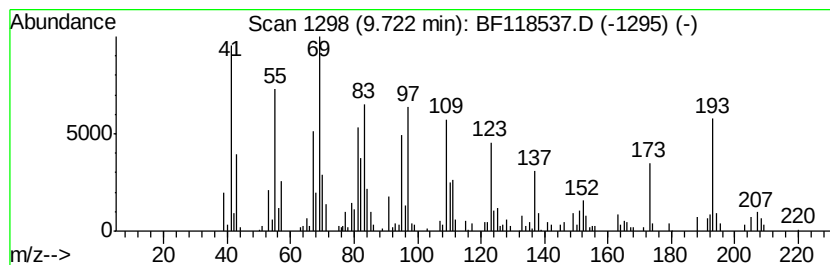
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Peak Number 5 Decahydro-4,4,8,9,10-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	13.47 ng	316740	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	90
2		Neopentylidenecyclohexane	152	C11H20	039546-80-0	45
3		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	38
4		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27
5		7-Pentadecyne	208	C15H28	022089-89-0	25



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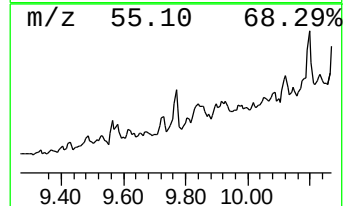
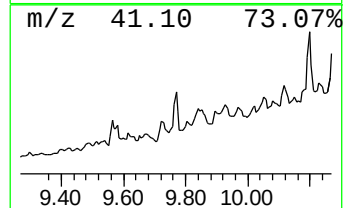
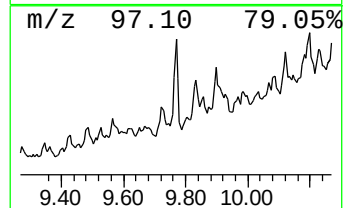
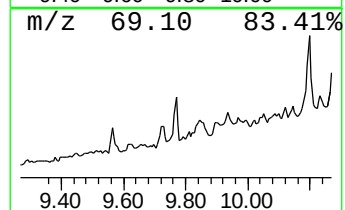
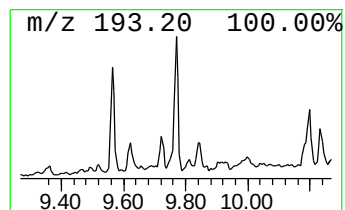
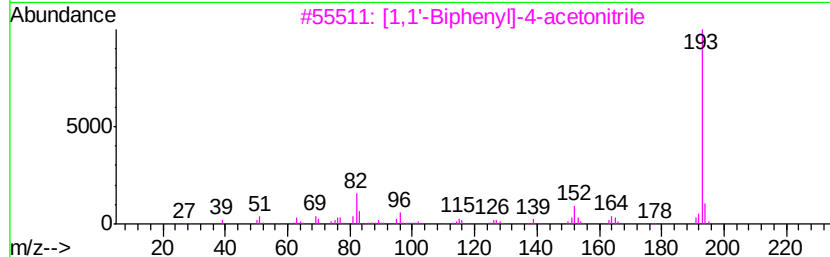
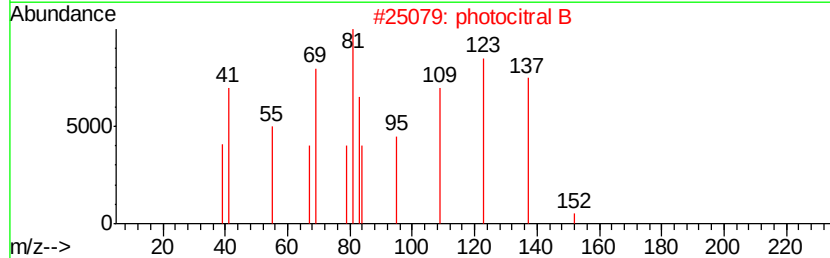
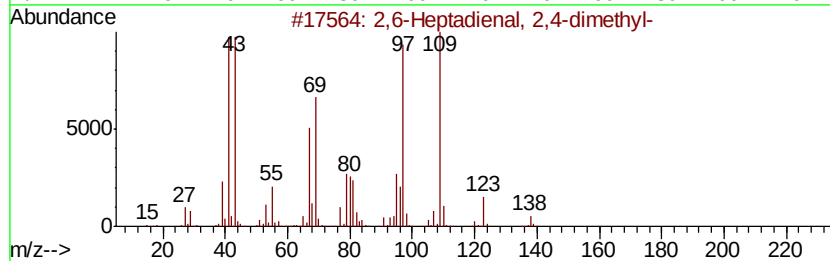
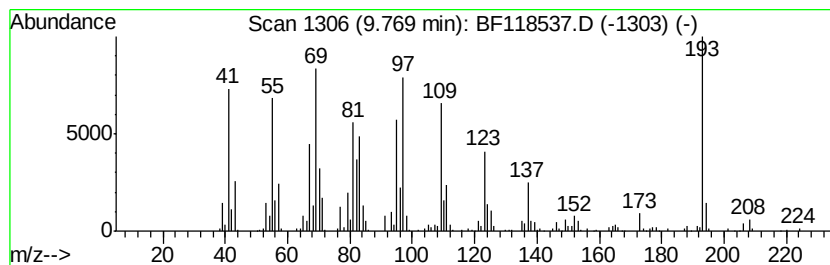
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown9.77 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	22.72 ng	534448	Acenaphthene-d10	9.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-			138	C9H14O	085136-08-9	30
2	photocitral B			152	C10H16O	006040-45-5	25
3	[1,1'-Biphenyl]-4-acetonitrile			193	C14H11N	031603-77-7	25
4	7-Ethyl-2-undecen-6-one			196	C13H24O	1000374-14-9	22
5	Cyclopentanecarboxylic acid, 3-p...			324	C21H40O2	1000280-59-1	22



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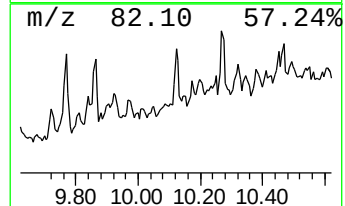
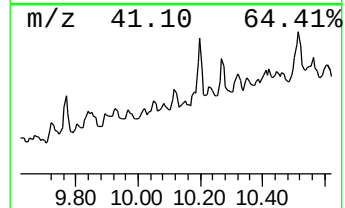
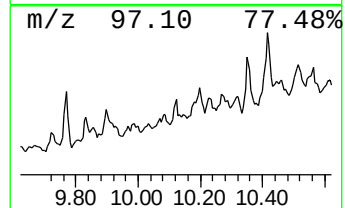
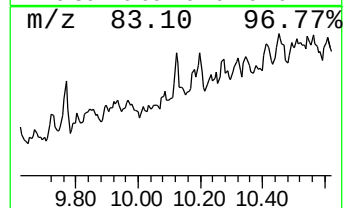
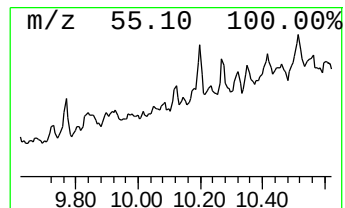
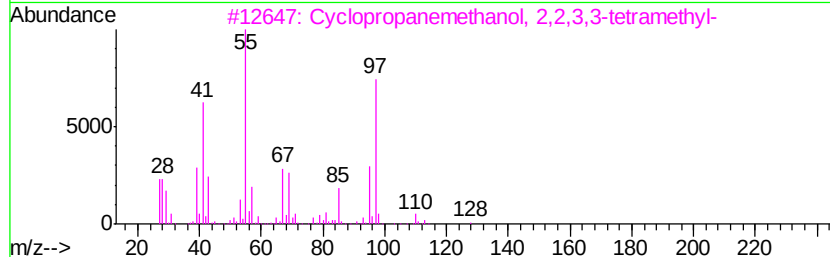
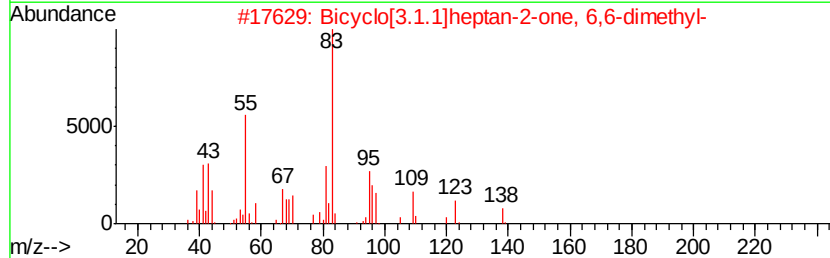
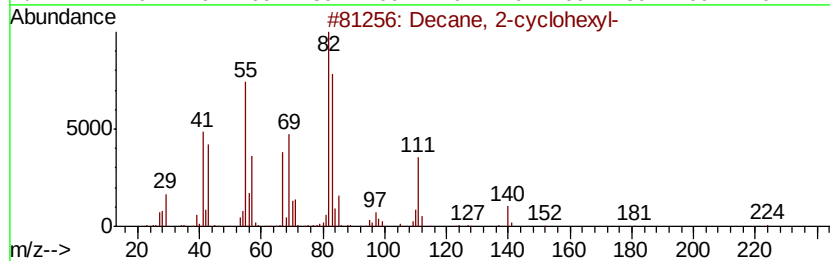
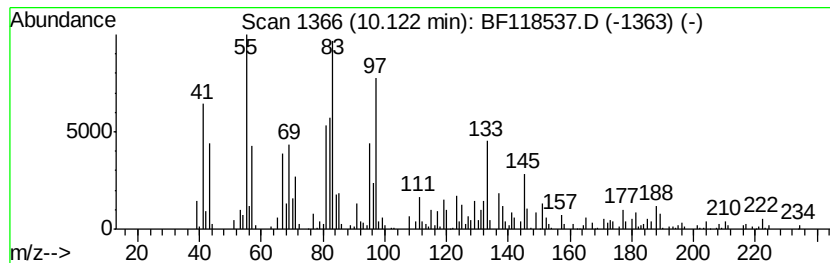
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ClientSampleId :
GRAVEL-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.12 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.12	11.86 ng	279004	Acenaphthene-d10	9.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-cyclohexyl-	224	C16H32	013151-73-0	35
2	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	30
3	Cyclopropanemethanol, 2,2,3,3-te...	128	C8H16O	002415-96-5	22
4	10-Methyldodec-2-en-4-olide	210	C13H22O2	1000370-41-0	22
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118537.D
Acq On : 13 Jan 2020 18:16
Operator : JU
Sample : L1091-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

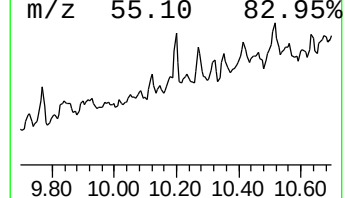
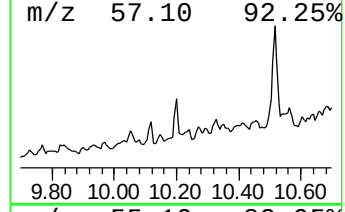
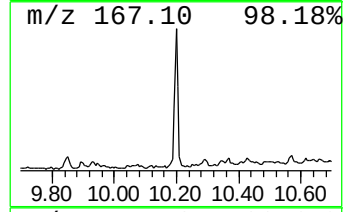
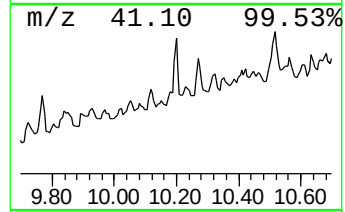
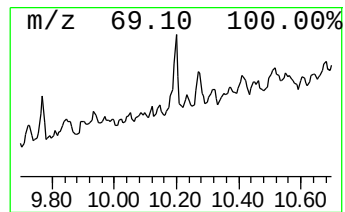
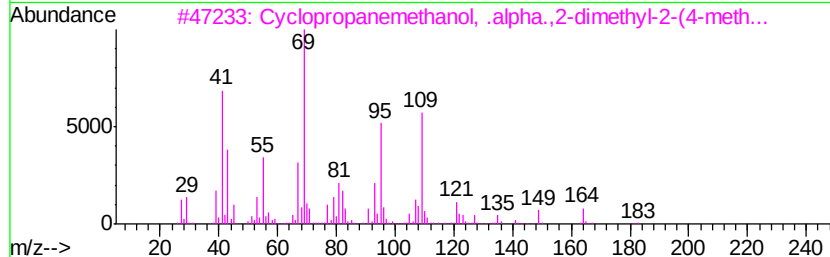
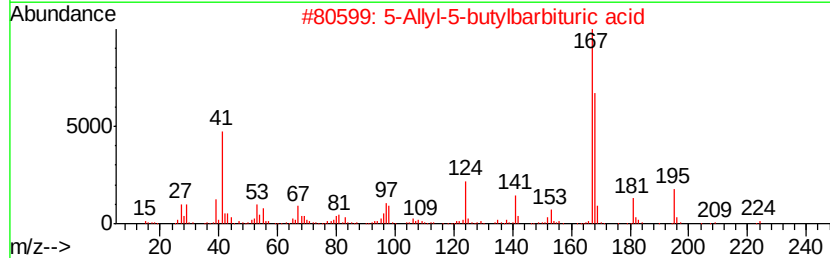
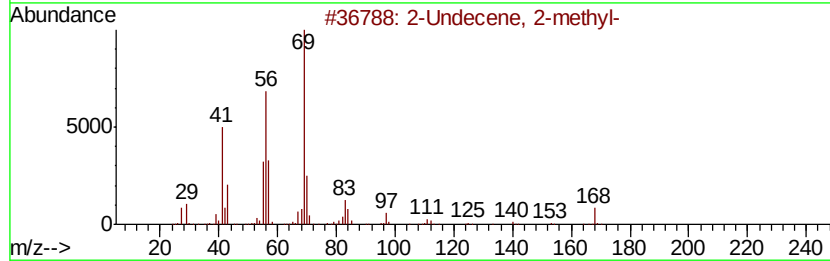
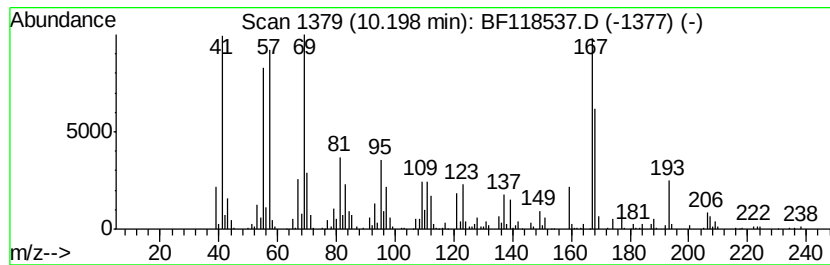
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.20 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	22.11 ng	520017	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Undecene, 2-methyl-		168 C12H24	056888-88-1 38
2	5-Allyl-5-butylbarbituric acid		224 C11H16N2O3	003146-66-5 25
3	Cyclopropanemethanol, .alpha.,2-...		182 C12H22O	121959-70-4 22
4	1,5-Heptadiene, 2,3,6-trimethyl-		138 C10H18	033501-88-1 18
5	4-Hexen-1-ol, 2-ethenyl-2,5-dime...		154 C10H18O	050598-21-5 18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
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 Acq On : 13 Jan 2020 18:16
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Instrument :
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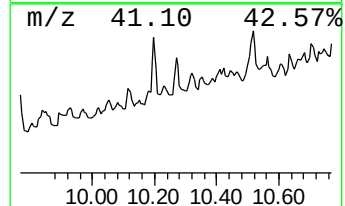
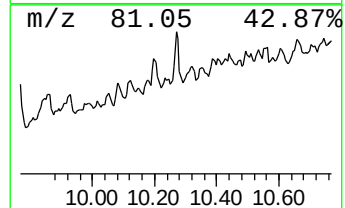
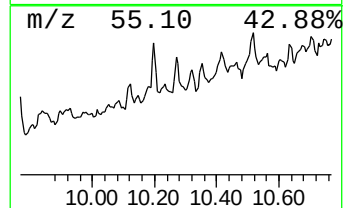
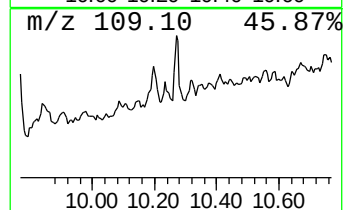
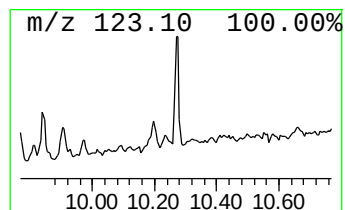
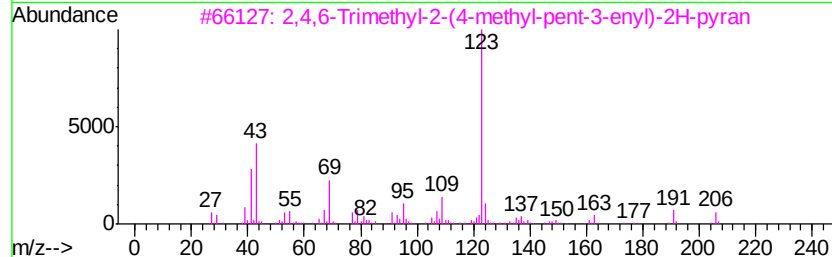
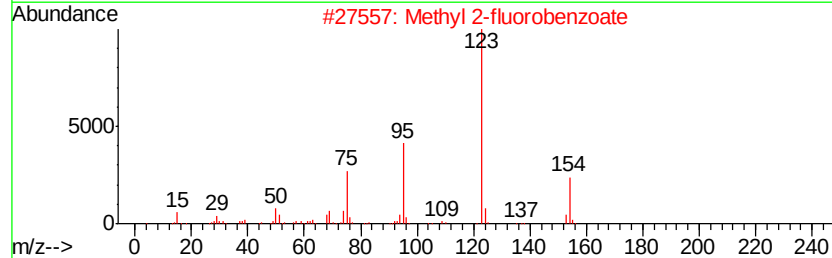
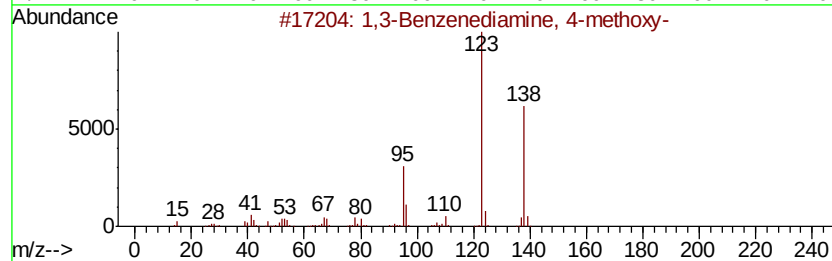
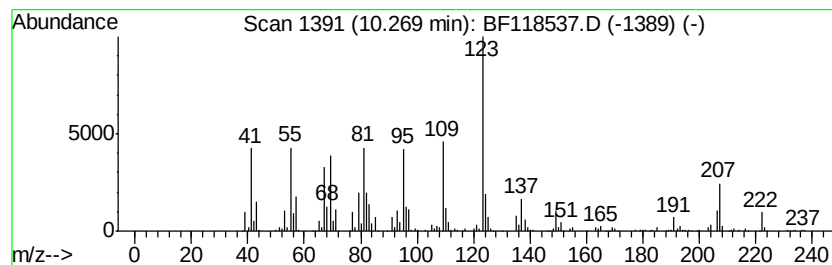
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 unknown10.27 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	23.59 ng	554947	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	46
2		Methyl 2-fluorobenzoate	154	C8H7FO2	000394-35-4	43
3		2,4,6-Trimethyl-2-(4-methyl-pent...	206	C14H22O	1000193-58-6	38
4		3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	38
5		Silane, dimethyldi(2,4-cyclopent...	188	C12H16Si	018053-74-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
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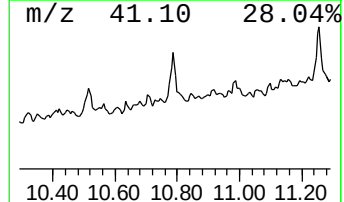
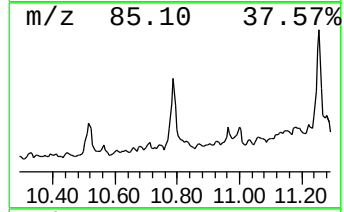
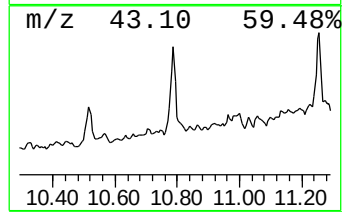
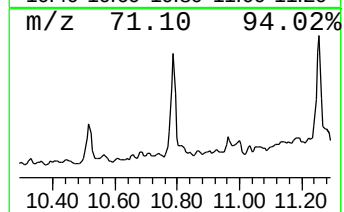
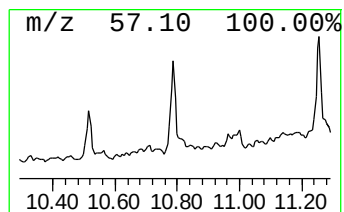
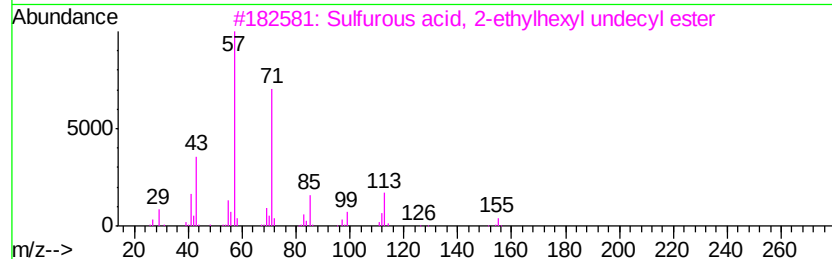
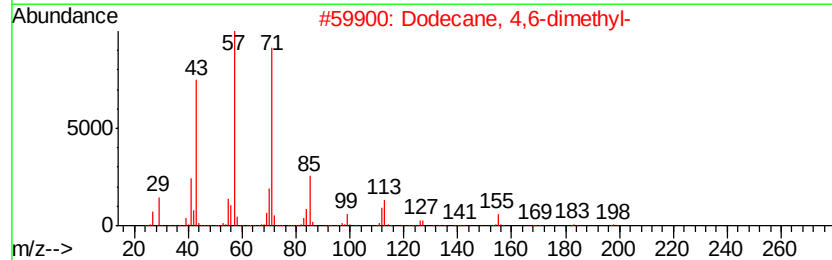
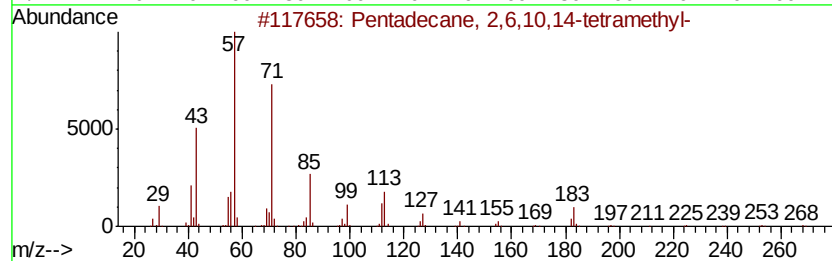
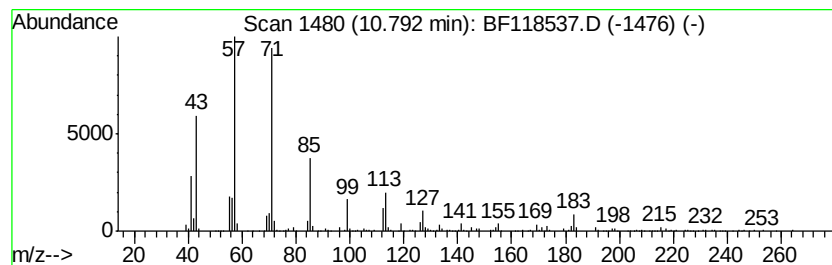
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.79	32.81 ng	1317220	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40		001921-70-6	86
2	Dodecane, 4,6-dimethyl-	198	C14H30		061141-72-8	80
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S		1000309-19-4	80
4	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S		1000309-19-6	80
5	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S		1000309-19-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118537.D
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Instrument :
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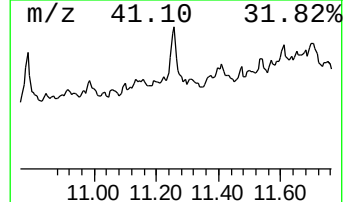
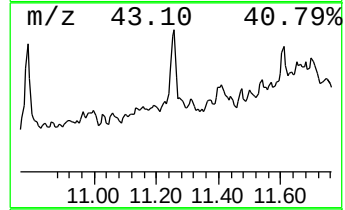
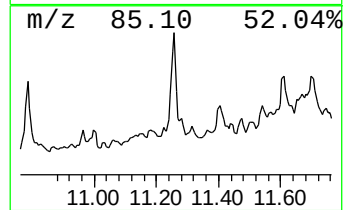
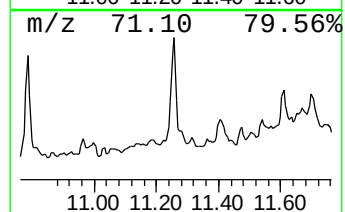
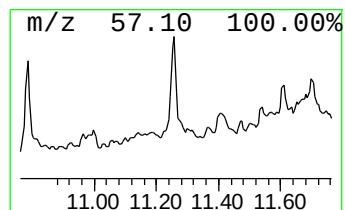
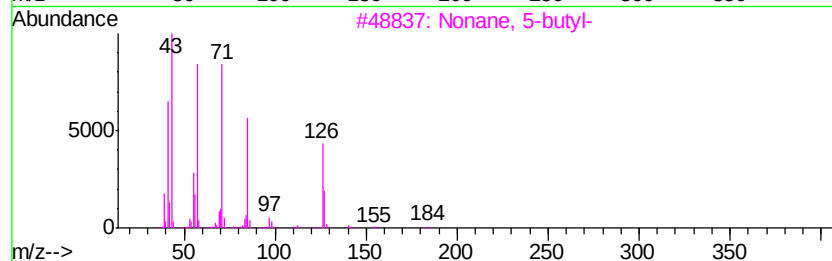
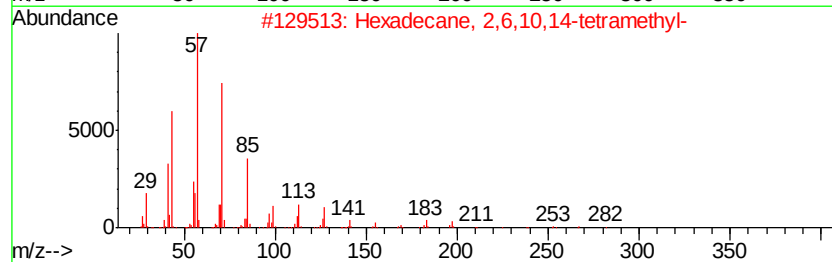
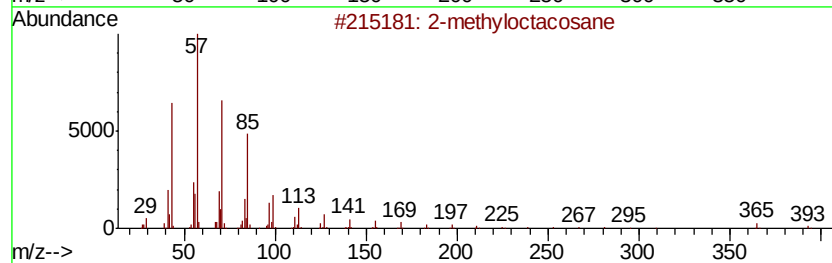
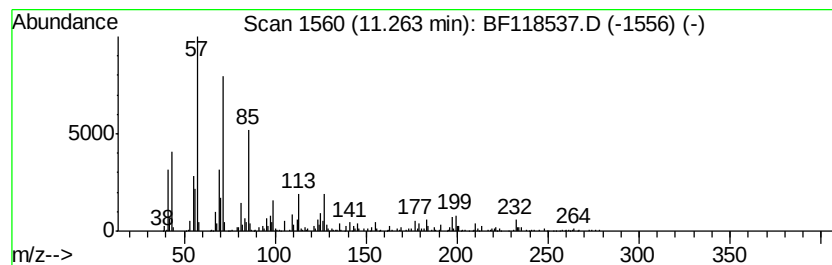
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	33.46 ng	1343120	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	89
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	87
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118537.D
Acq On : 13 Jan 2020 18:16
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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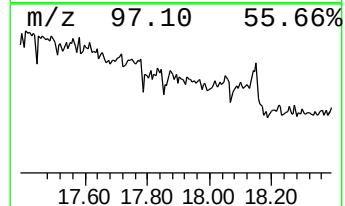
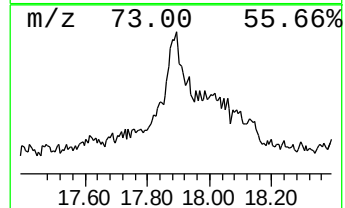
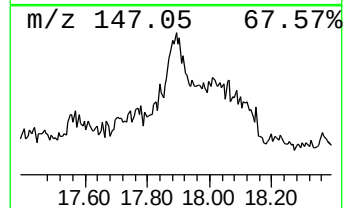
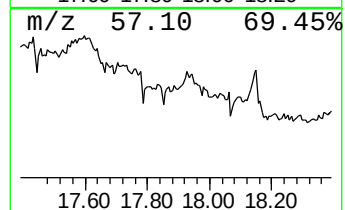
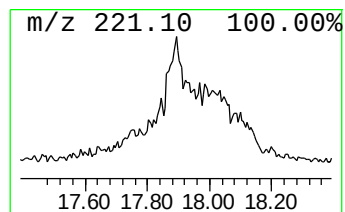
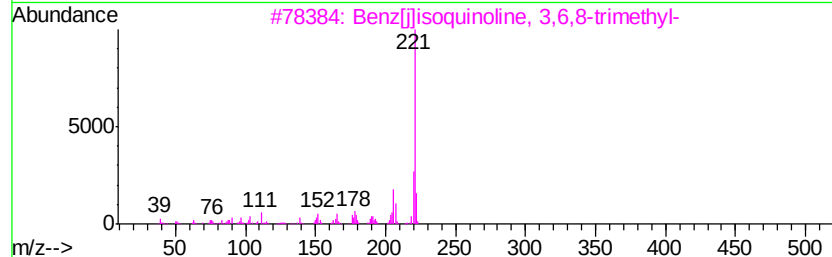
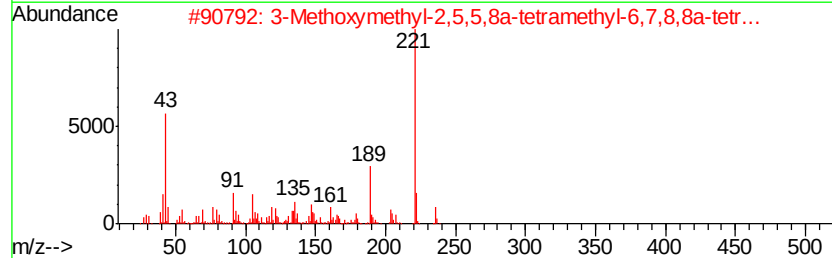
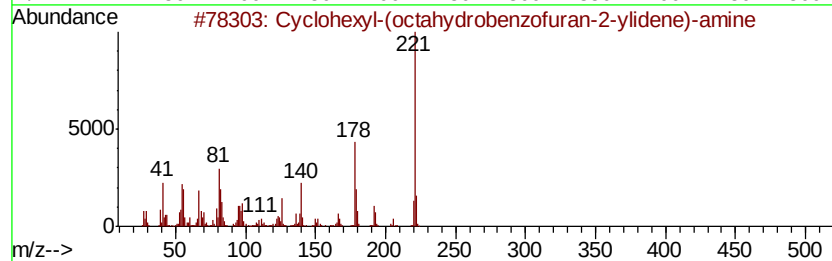
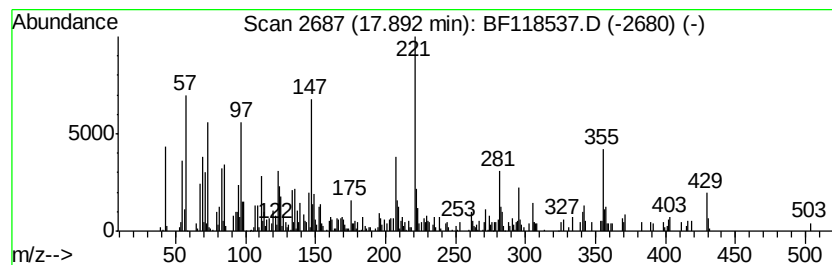
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown17.89 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	20.00 ng	340188	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexyl-(octahydrobenzofuran-...	221	C14H23NO	1000190-83-1	15
2		3-Methoxymethyl-2,5,5,8a-tetrame...	236	C15H24O2	064201-73-6	14
3		Benzfilisoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	11
4		4-Hydroxy-beta-phenylcinnamonitrile	221	C15H11NO	016281-90-6	11
5		2-(Trifluoromethyl)-7H-1,3,4-thi...	221	C6H2F3N3OS	094605-13-7	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118537.D
Acq On : 13 Jan 2020 18:16
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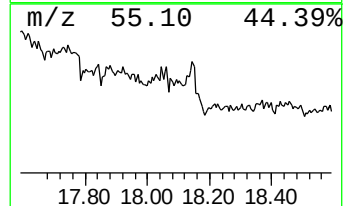
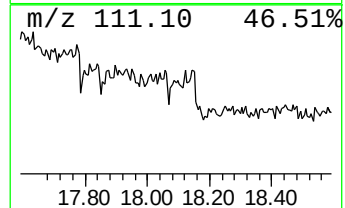
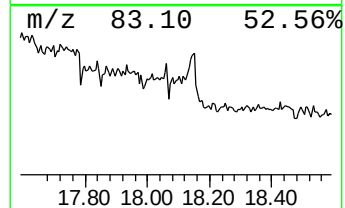
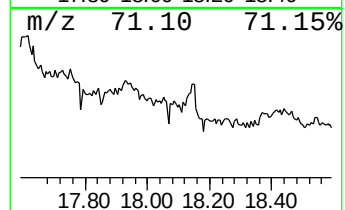
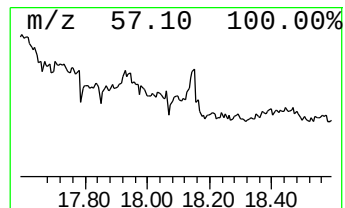
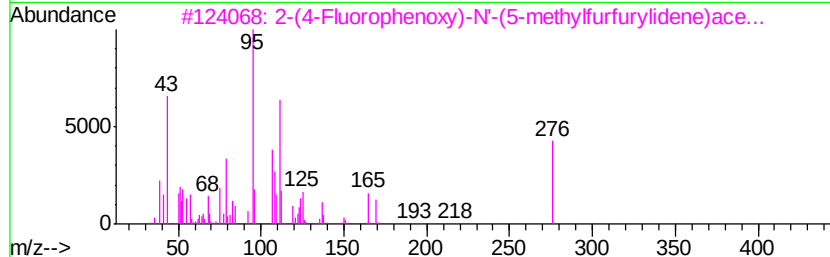
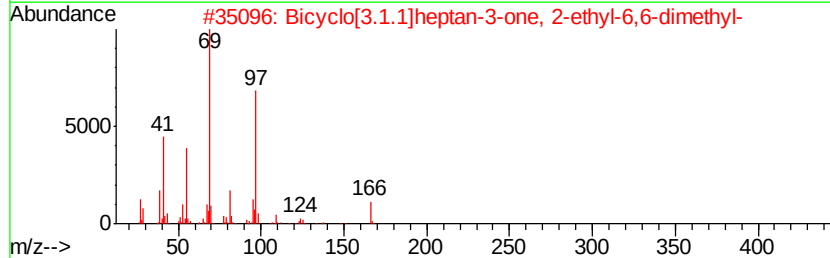
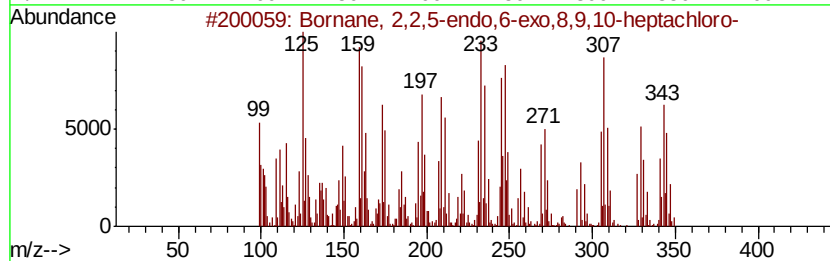
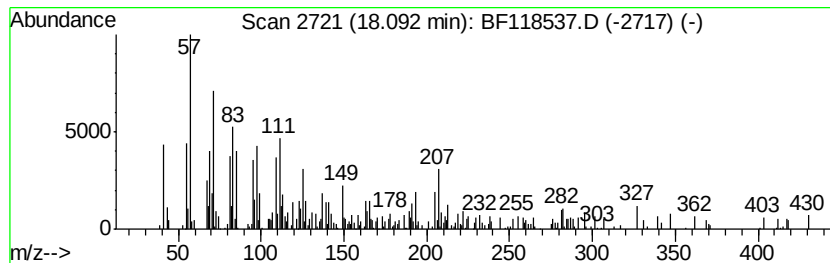
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown18.09 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	8.95 ng	152246	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bornane, 2,2,5-endo,6-exo,8,9,10...	376	C10H11Cl7	051775-36-1	27
2		Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	25
3		2-(4-Fluorophenoxy)-N'-(5-methyl...	276	C14H13FN2O3	339121-32-3	25
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	25
5		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011320\
 Data File : BF118537.D
 Acq On : 13 Jan 2020 18:16
 Operator : JU
 Sample : L1091-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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...	5.01	9.6 ng		169084	1	6.82	354288	20.0
unknown6.59	6.59	61.5 ng		1088780	1	6.82	354288	20.0
1-Hexanol, 2-ethyl-	6.88	28.5 ng		504113	1	6.82	354288	20.0
Decahydro-4,4,8,9...	9.72	13.5 ng		316740	3	9.86	470454	20.0
unknown9.77	9.77	22.7 ng		534448	3	9.86	470454	20.0
unknown10.12	10.12	11.9 ng		279004	3	9.86	470454	20.0
unknown10.20	10.20	22.1 ng		520017	3	9.86	470454	20.0
unknown10.27	10.27	23.6 ng		554947	3	9.86	470454	20.0
Pentadecane, 2,6,...	10.79	32.8 ng		1317220	4	11.36	802906	20.0
2-methyloctacosane	11.26	33.5 ng		1343120	4	11.36	802906	20.0
unknown17.89	17.89	20.0 ng		340188	6	15.56	340188	20.0
unknown18.09	18.09	8.9 ng		152246	6	15.56	340188	20.0