

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043962.D
 Acq On : 7 Jan 2020 20:12
 Operator : JU
 Sample : L1039-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 225-230

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_G\METHODS\8270-BG123019.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	3.152	6	11	28	rVB	357465	672107	13.81%	1.505%
2	5.073	332	338	347	rBV	414037	647347	13.30%	1.450%
3	5.543	411	418	431	rBV	1767818	2809842	57.74%	6.292%
4	7.130	679	688	702	rBV	1868679	3259358	66.98%	7.299%
5	7.500	742	751	757	rBV	1861598	3208469	65.94%	7.185%
6	7.964	820	830	839	rBV	605149	1040562	21.38%	2.330%
7	8.287	876	885	893	rBV	1422154	2510413	51.59%	5.622%
8	9.116	1018	1026	1036	rBV	1106732	1979314	40.68%	4.432%
9	10.761	1298	1306	1313	rBV	807377	1513879	31.11%	3.390%
10	12.424	1586	1589	1598	rVB6	51981	97535	2.00%	0.218%
11	12.512	1599	1604	1611	rBV6	76743	169672	3.49%	0.380%
12	12.970	1678	1682	1685	rBV6	51364	97400	2.00%	0.218%
13	13.052	1691	1696	1701	rVB5	116944	180702	3.71%	0.405%
14	13.105	1702	1705	1710	rVV6	74873	127673	2.62%	0.286%
15	13.152	1710	1713	1717	rVB3	90927	117006	2.40%	0.262%
16	13.217	1718	1724	1731	rBV	2769321	4385800	90.13%	9.821%
17	13.393	1750	1754	1763	rBV2	332221	635913	13.07%	1.424%
18	14.033	1858	1863	1869	rBV3	634575	1115232	22.92%	2.497%
19	14.098	1870	1874	1878	rVV	410366	604988	12.43%	1.355%
20	14.151	1878	1883	1891	rVB2	352190	736391	15.13%	1.649%
21	14.263	1898	1902	1905	rBV2	236146	319788	6.57%	0.716%
22	14.351	1912	1917	1923	rBV6	539978	1399369	28.76%	3.134%
23	14.439	1928	1932	1939	rVB2	1216244	1978566	40.66%	4.431%
24	14.509	1940	1944	1949	rBV3	396924	767230	15.77%	1.718%
25	14.592	1951	1958	1967	rVV2	1269688	3259085	66.98%	7.298%
26	14.697	1973	1976	1981	rBV2	348514	497095	10.22%	1.113%
27	15.132	2047	2050	2054	rBV2	595749	794258	16.32%	1.779%
28	15.397	2092	2095	2102	rVB	1192471	1659258	34.10%	3.716%
29	16.084	2207	2212	2217	rBV2	1958087	3206083	65.89%	7.179%
30	19.962	2869	2872	2883	rVB	3373649	4866096	100.00%	10.897%

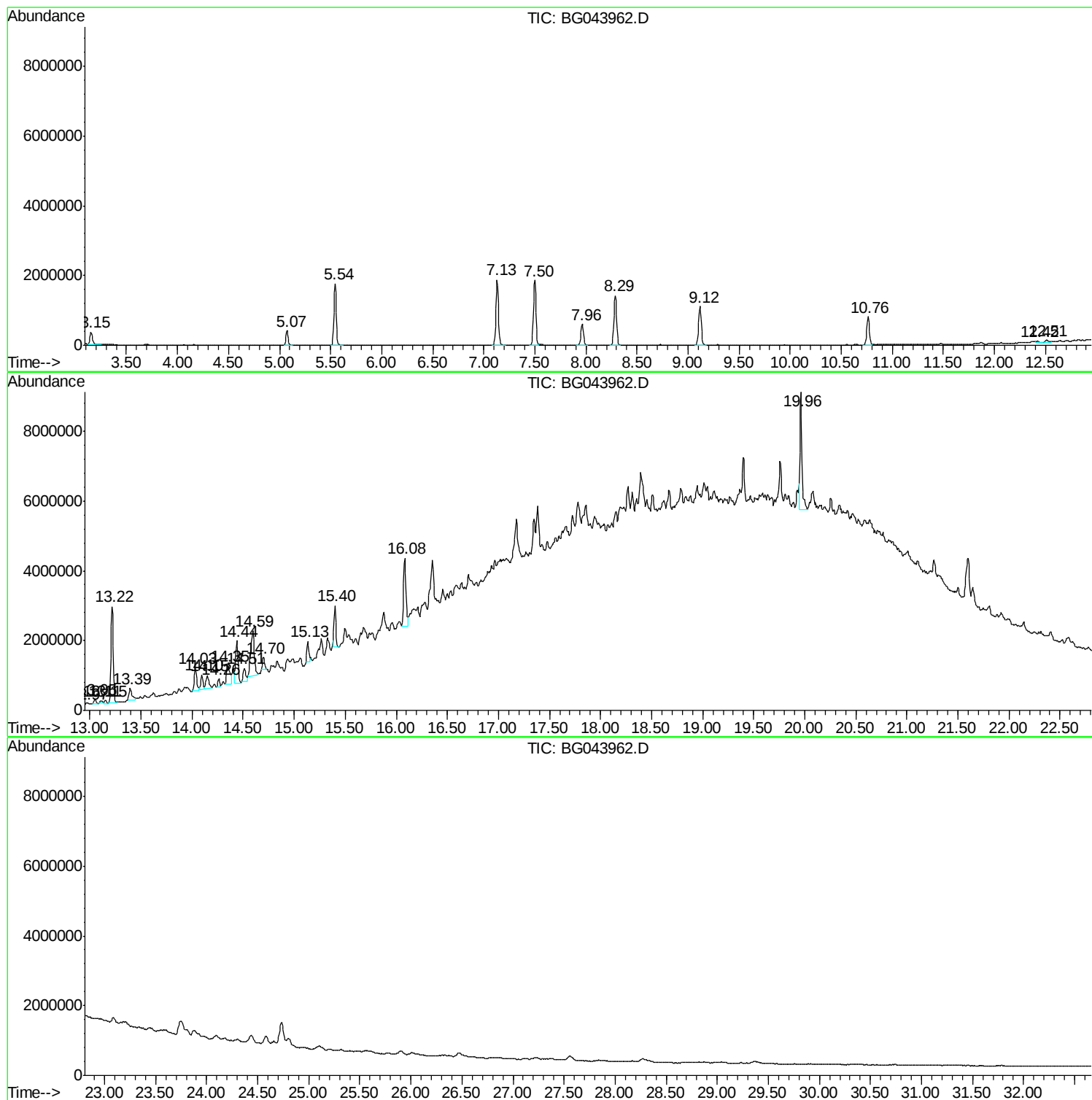
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
225-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.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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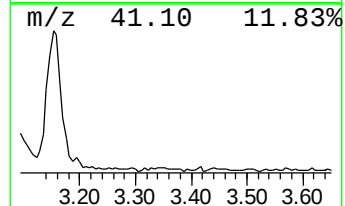
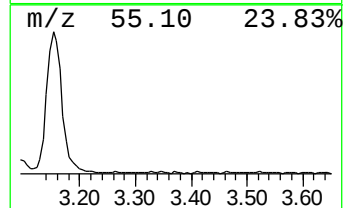
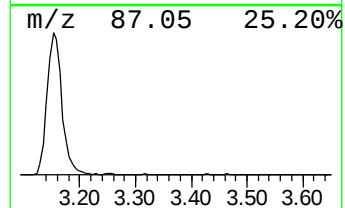
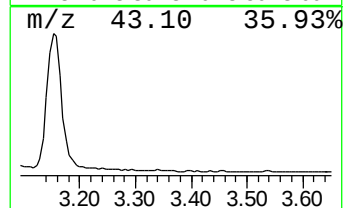
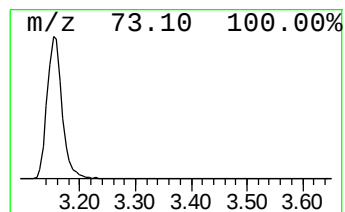
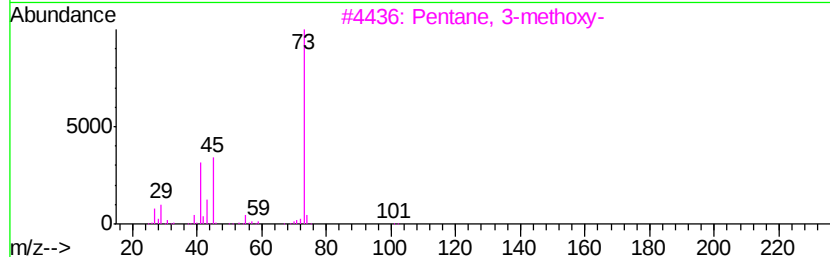
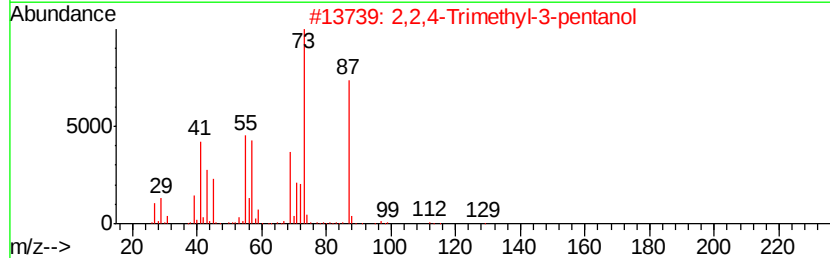
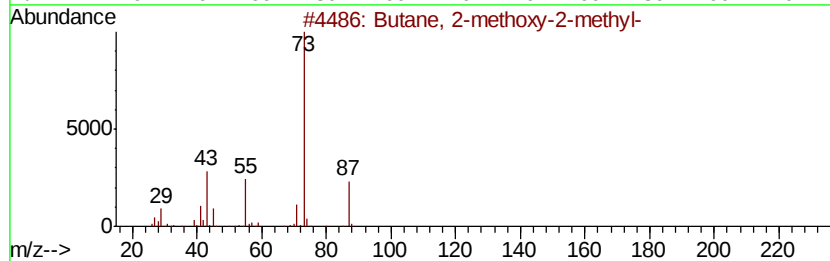
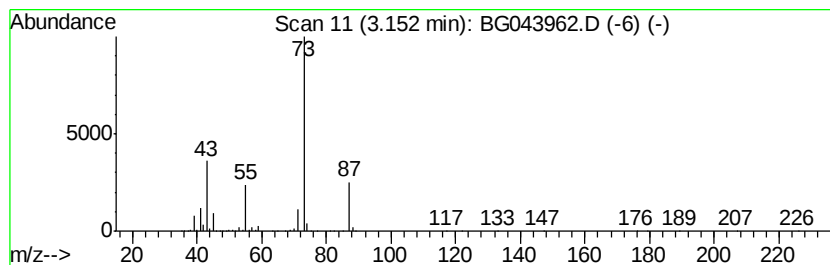
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	12.92 ng	672107	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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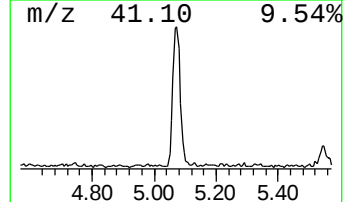
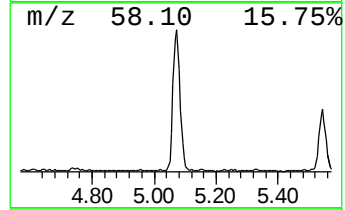
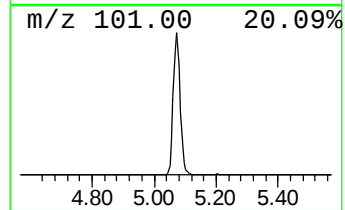
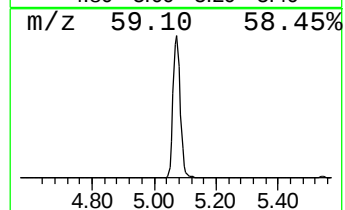
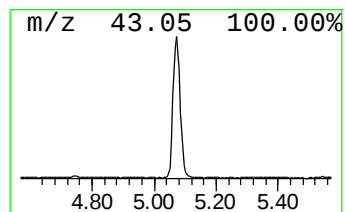
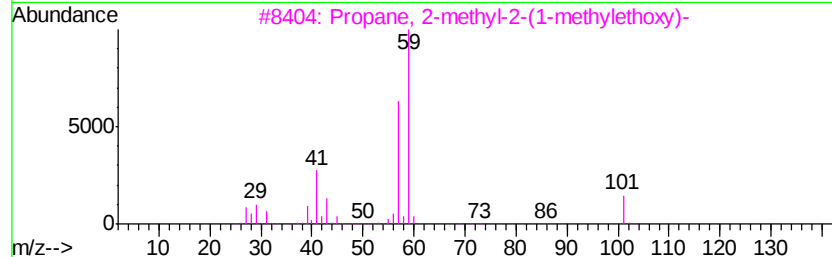
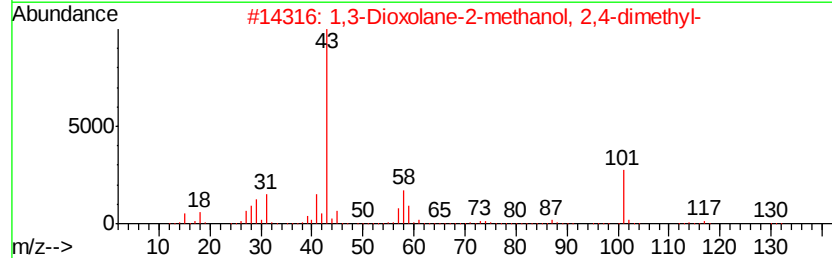
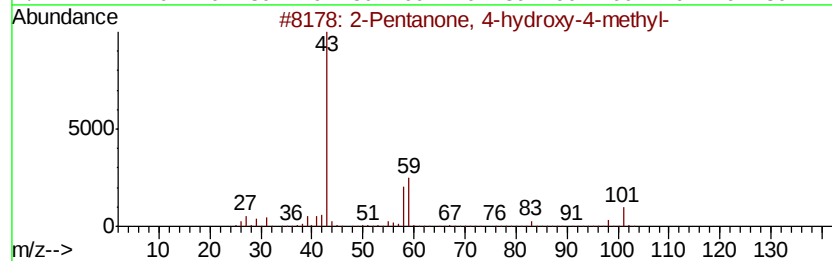
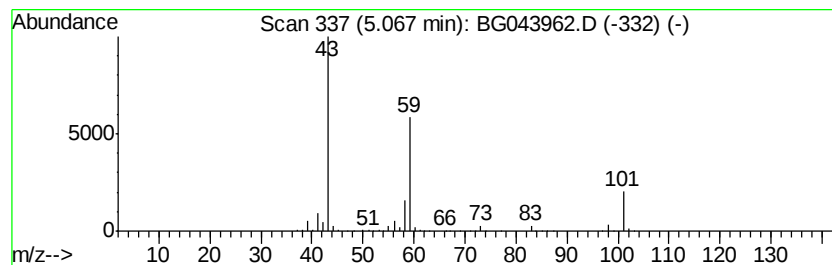
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	12.44 ng	647347	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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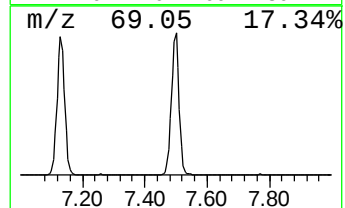
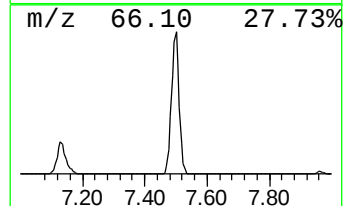
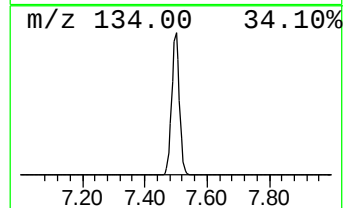
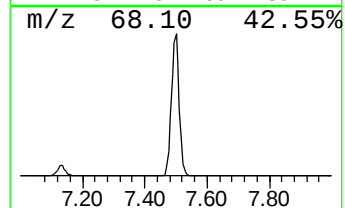
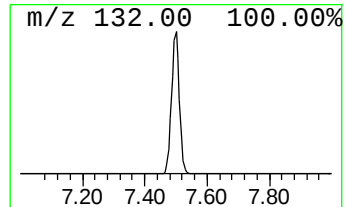
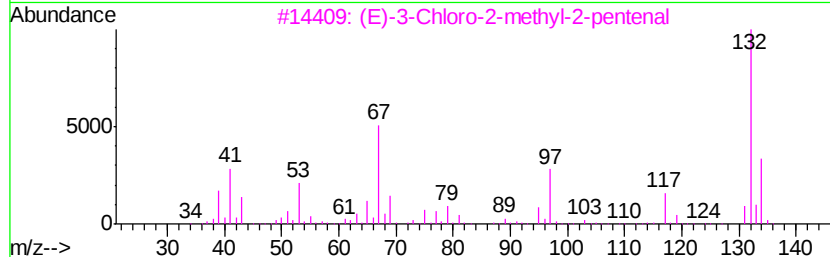
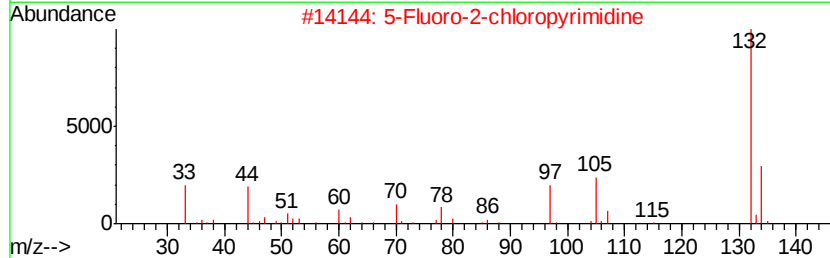
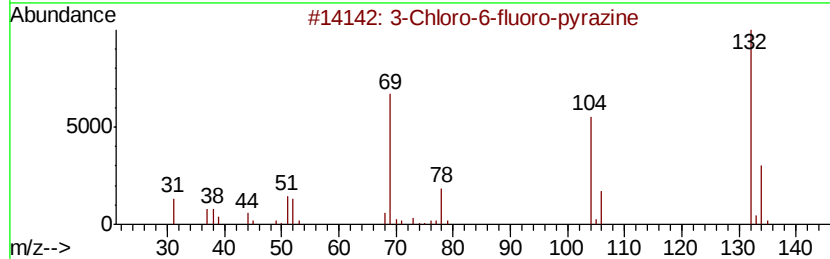
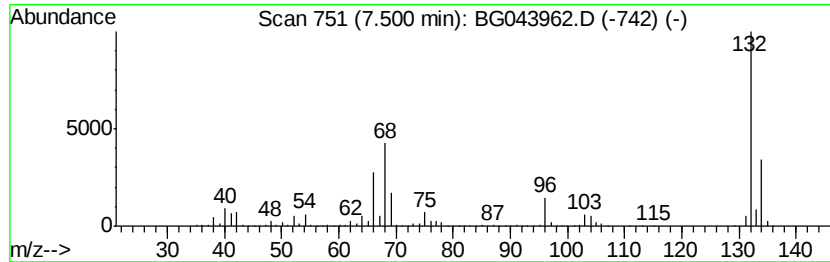
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	61.67 ng	3208470	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Xenon	132	Xe	007440-63-3	9



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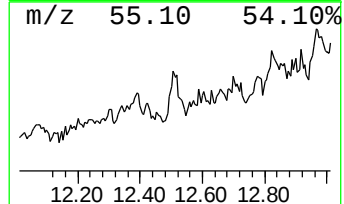
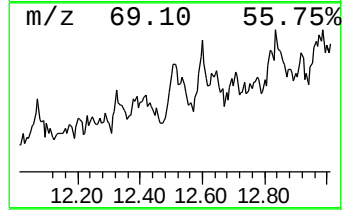
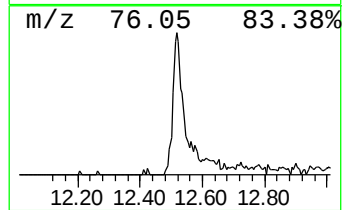
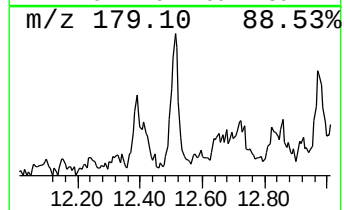
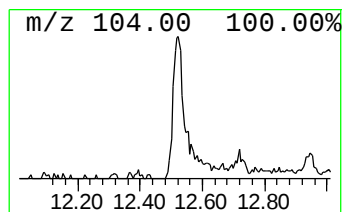
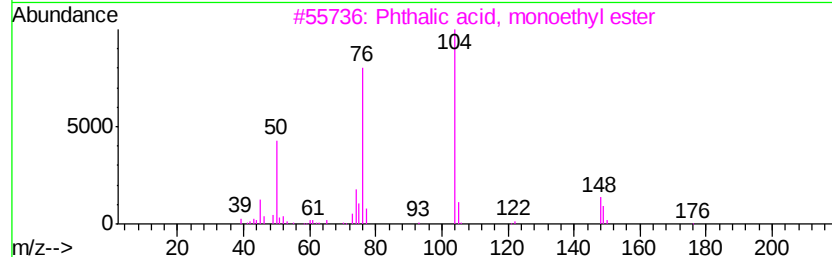
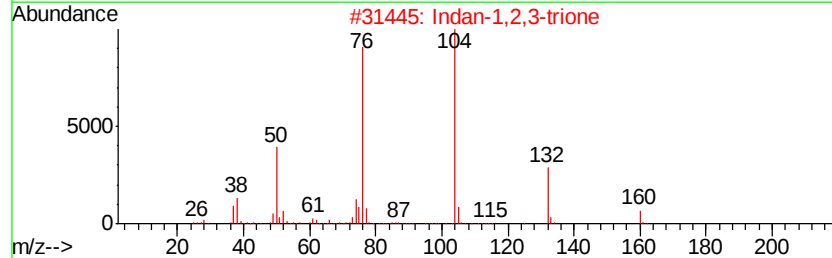
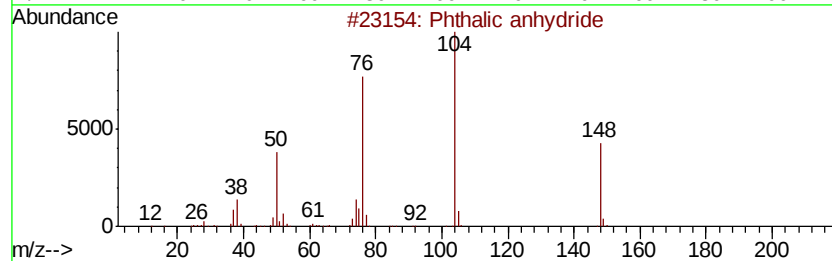
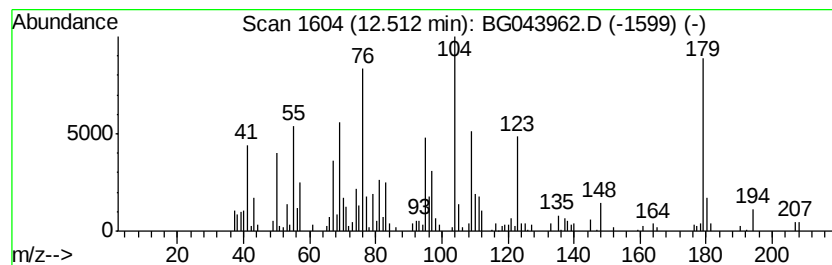
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 Peak Number 5 Phthalic anhydride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.24 ng	169672	Naphthalene-d8	10.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Phthalic anhydride	148 C8H4O3	000085-44-9 70
2		Indan-1,2,3-trione	160 C9H4O3	000938-24-9 58
3		Phthalic acid, monoethyl ester	194 C10H10O4	002306-33-4 58
4		Ninhydrin	178 C9H6O4	000485-47-2 58
5		1,2-Benzenedicarboxylic acid	166 C8H6O4	000088-99-3 50



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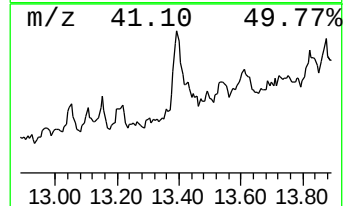
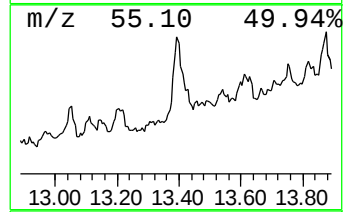
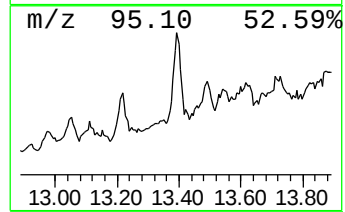
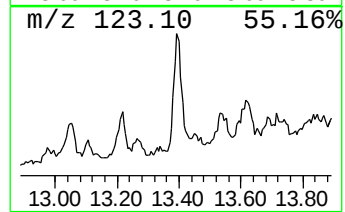
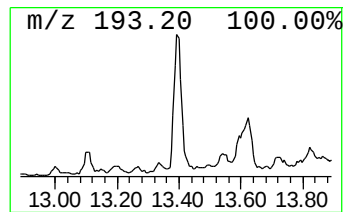
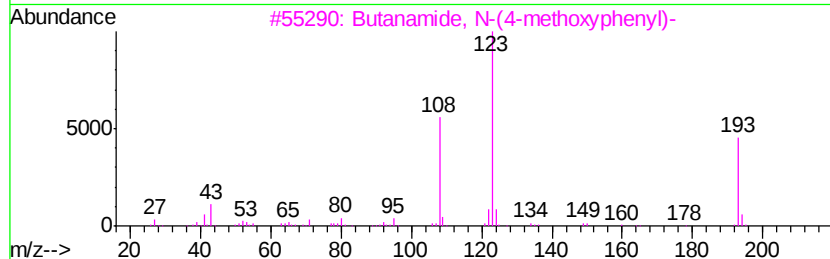
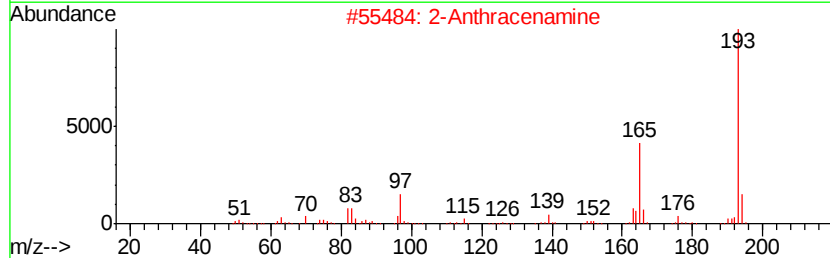
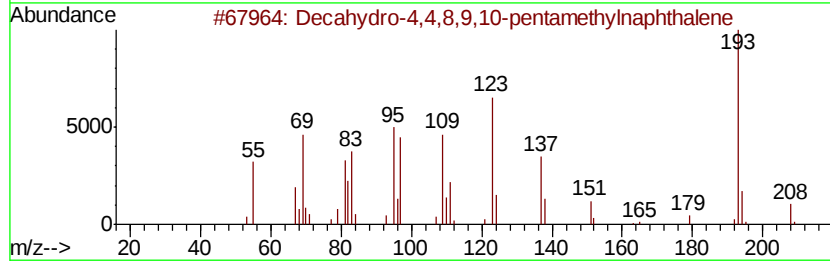
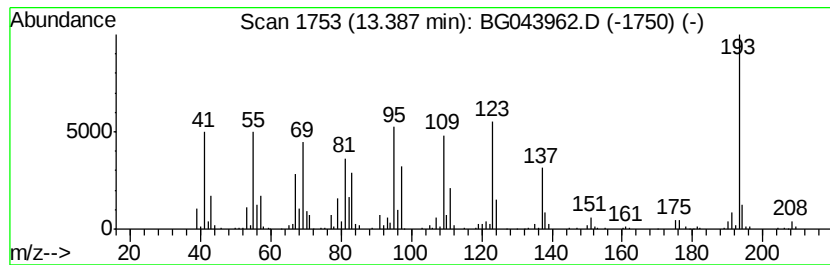
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 unknown13.39 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.39	3.90 ng	635913	Acenaphthene-d10	14.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	55
2	2-Anthracenamine	193	C14H11N	000613-13-8	27
3	Butanamide, N-(4-methoxyphenyl)-	193	C11H15NO2	1000306-91-5	27
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	25
5	10.alpha.-Eremophilane	208	C15H28	003242-05-5	22



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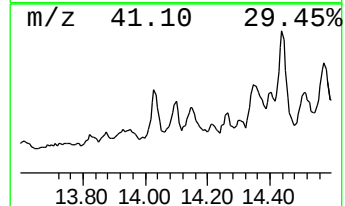
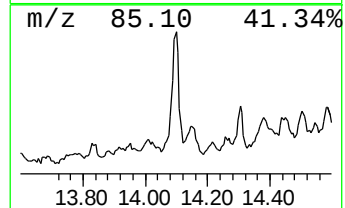
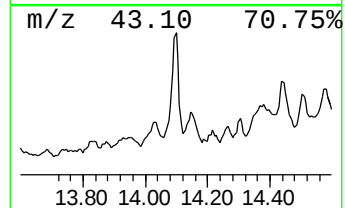
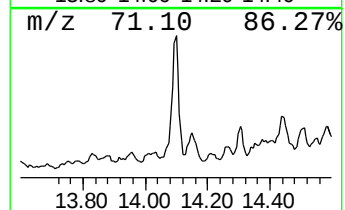
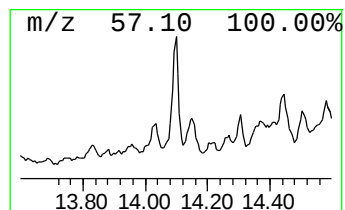
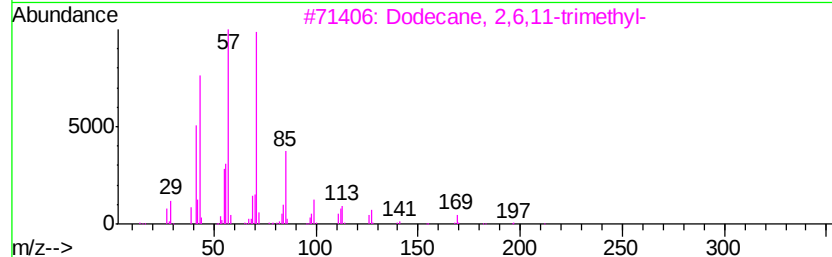
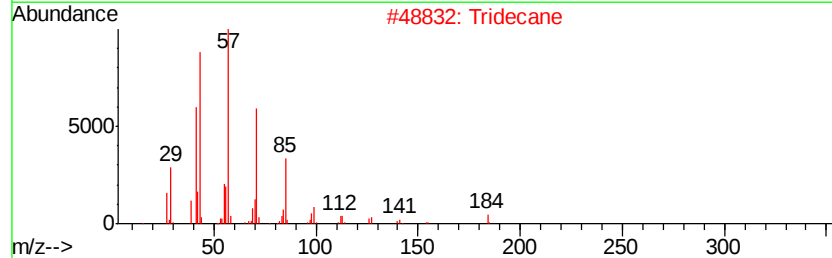
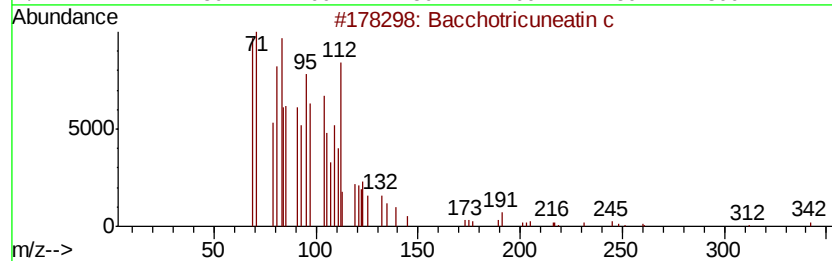
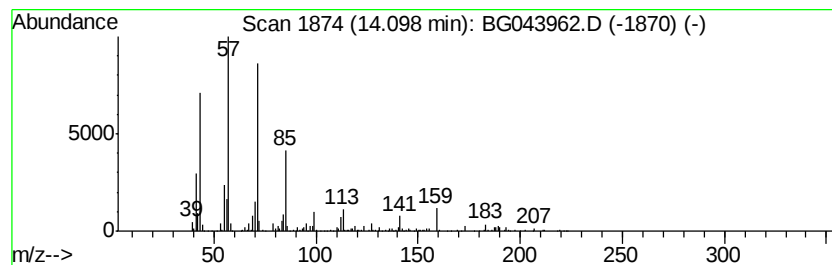
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Bacchotricuneatin c Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.71 ng	604988	Acenaphthene-d10	14.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2		Tridecane	184	C13H28	000629-50-5	93
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043962.D
Acq On : 7 Jan 2020 20:12
Operator : JU
Sample : L1039-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

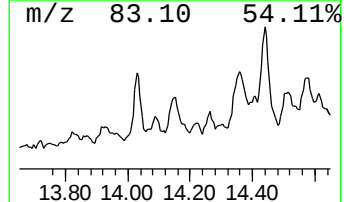
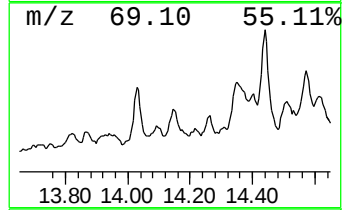
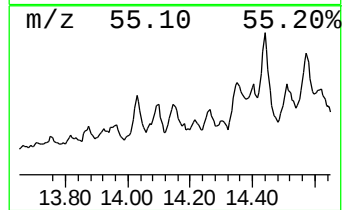
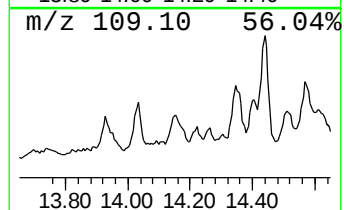
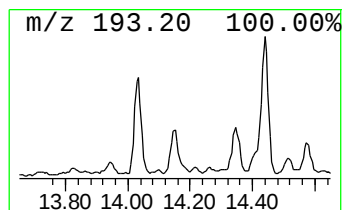
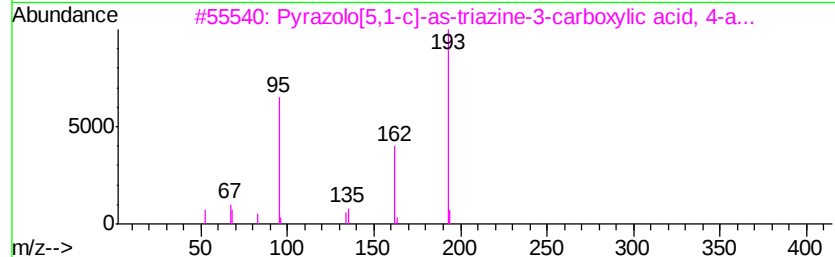
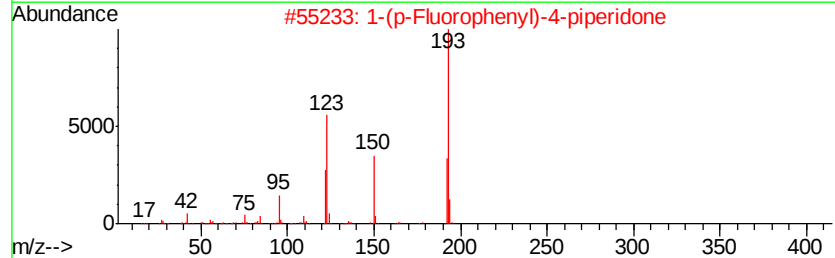
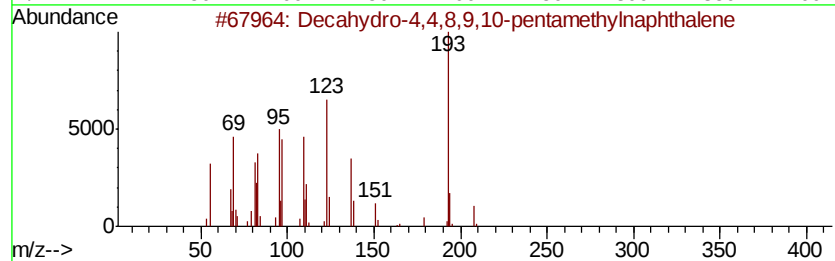
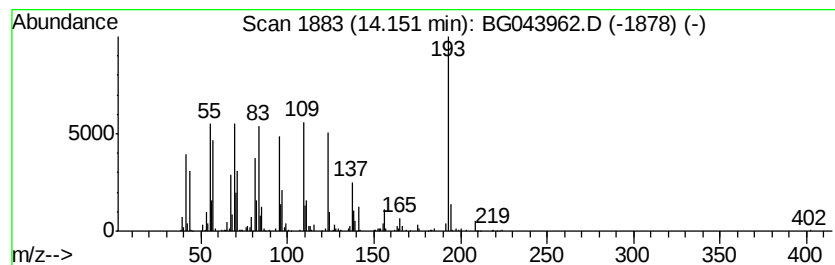
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.15 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.15	4.52 ng	736391	Acenaphthene-d10	14.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
3	Pyrazolo[5,1-c]-as-triazine-3-ca...	193	C6H7N7O	016111-78-7	35
4	9-Phenanthrenamine	193	C14H11N	000947-73-9	27
5	Ethoxy(methyl)chlorosilane	124	C3H9ClOSi	018191-33-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043962.D
Acq On : 7 Jan 2020 20:12
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Sample : L1039-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

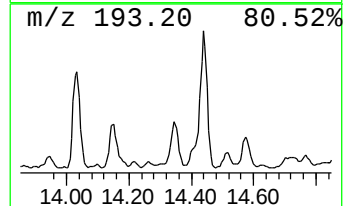
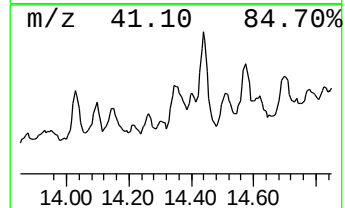
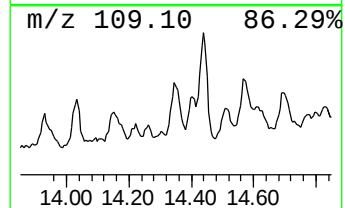
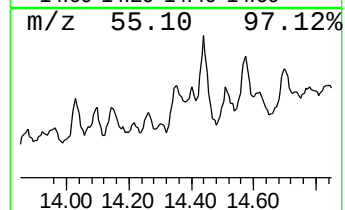
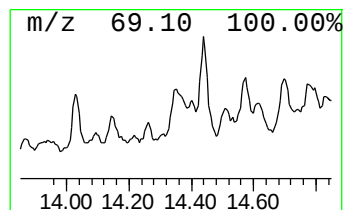
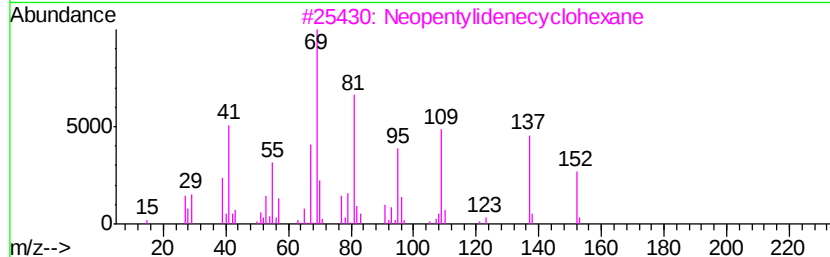
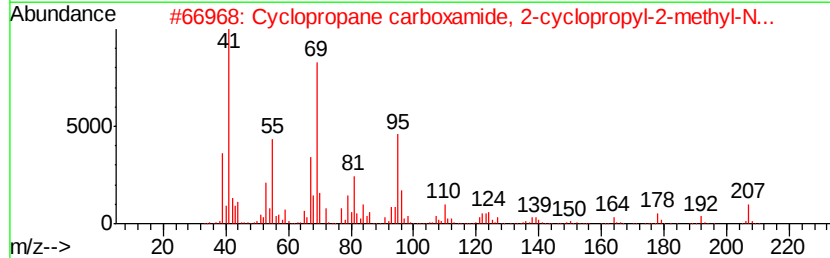
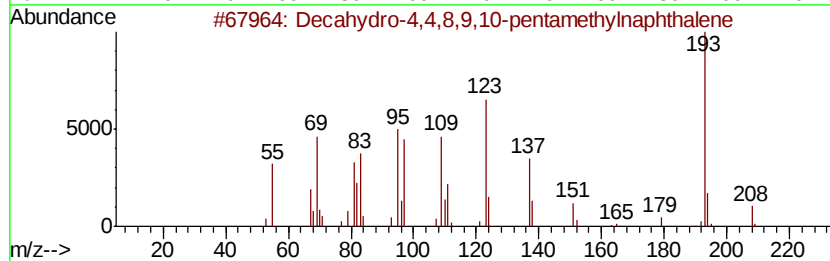
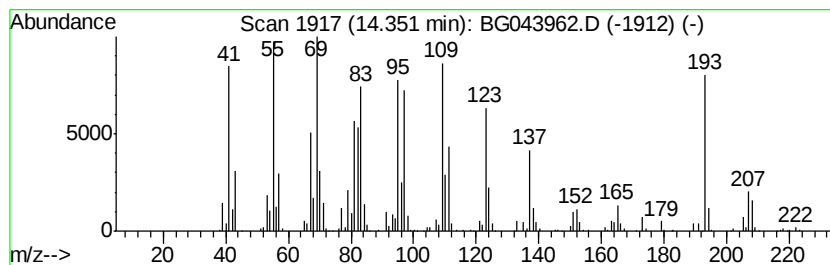
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.35	8.59 ng	1399370	Acenaphthene-d10	14.60		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	95
2		Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	35
3		Neopentylidenecyclohexane	152	C11H20	039546-80-0	27
4		Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	25
5		Benzamide, 4-fluoro-N-methallyl-	193	C11H12FNO	1000340-31-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043962.D
Acq On : 7 Jan 2020 20:12
Operator : JU
Sample : L1039-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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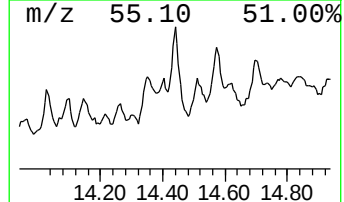
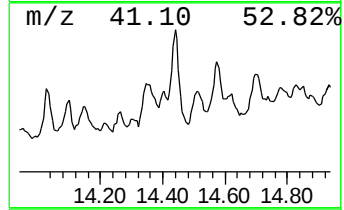
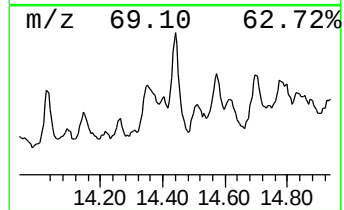
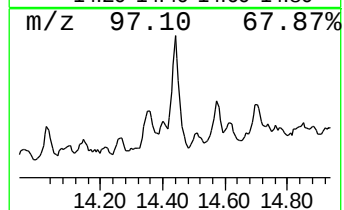
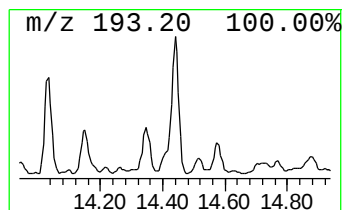
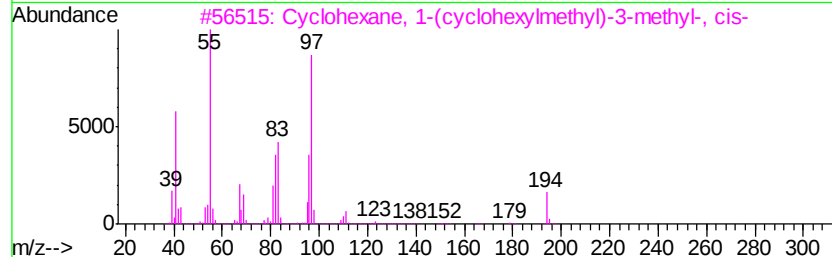
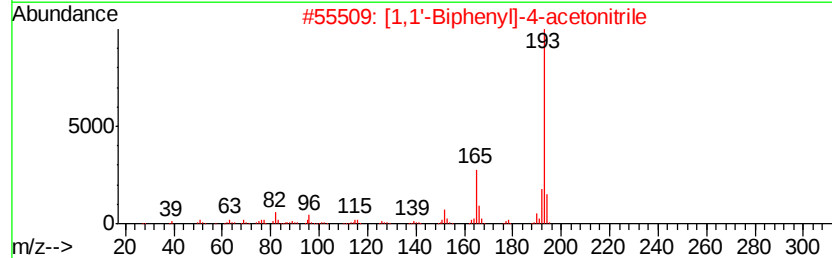
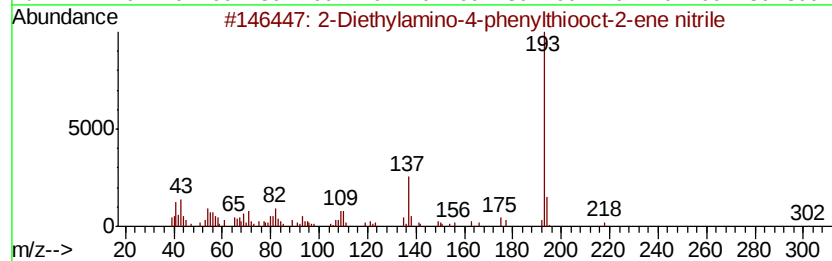
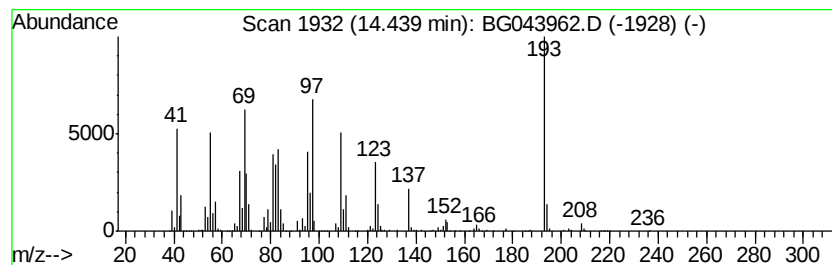
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.44 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	12.14 ng	1978570	Acenaphthene-d10	14.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	22
2		[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	22
3		Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-96-0	14
4		Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054824-04-3	11
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043962.D
Acq On : 7 Jan 2020 20:12
Operator : JU
Sample : L1039-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
225-230

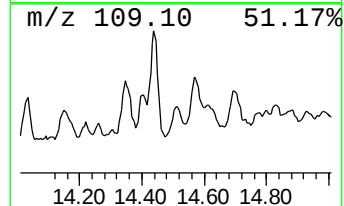
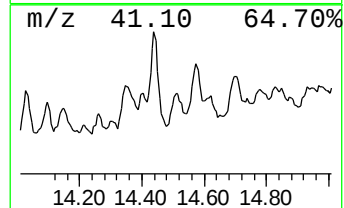
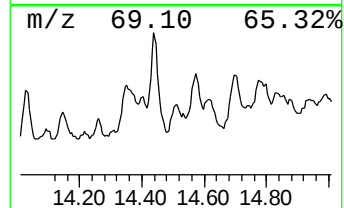
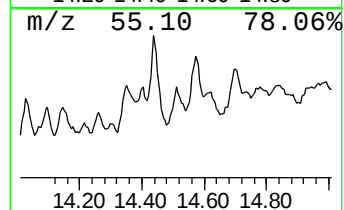
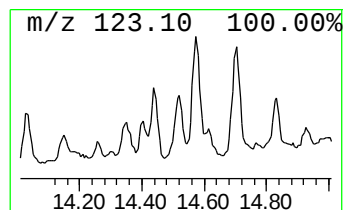
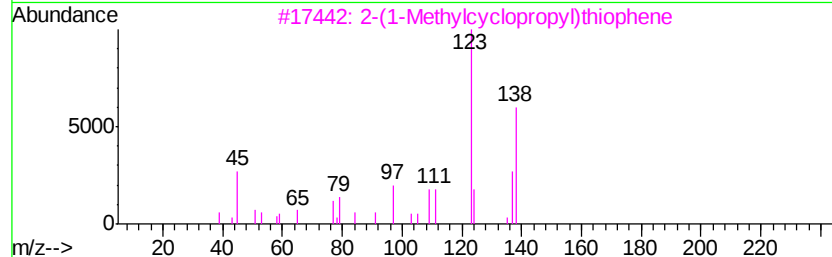
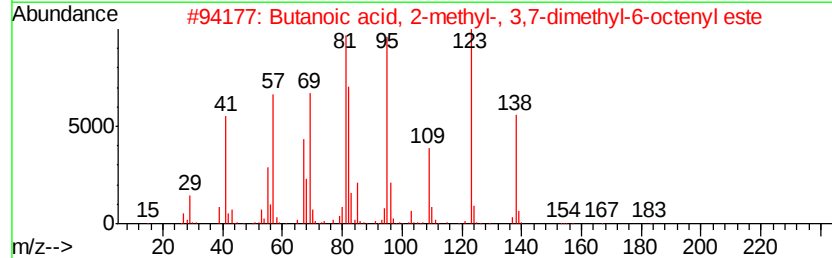
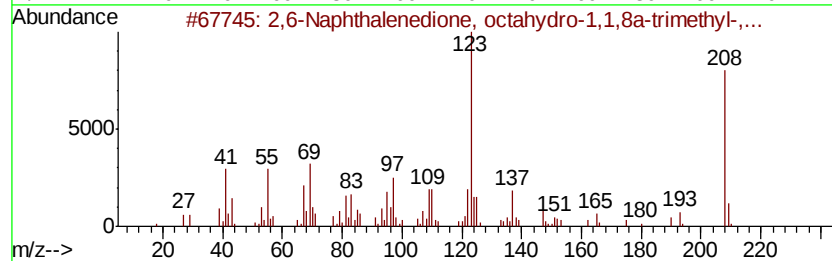
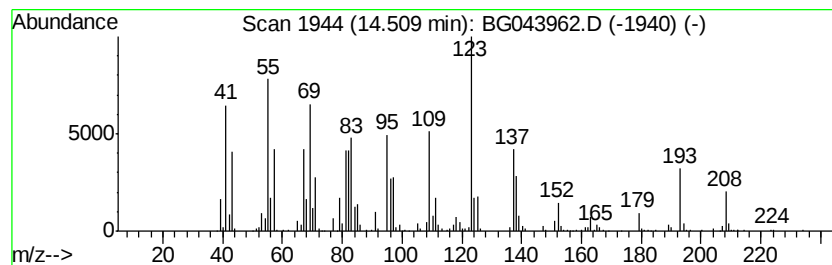
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.51 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	4.71 ng	767230	Acenaphthene-d10	14.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	43
2			Butanoic acid, 2-methyl-, 3,7-di...	240	C15H28O2	085409-36-5	35
3			2-(1-Methylcyclopropyl)thiophene	138	C8H10S	1000100-02-7	35
4			(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	35
5			Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043962.D
Acq On : 7 Jan 2020 20:12
Operator : JU
Sample : L1039-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

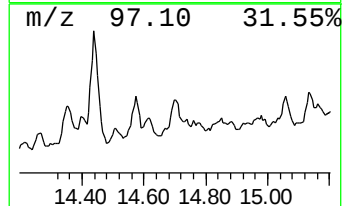
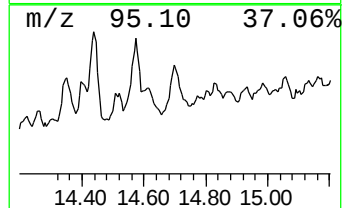
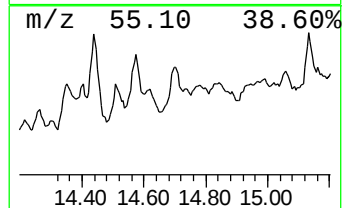
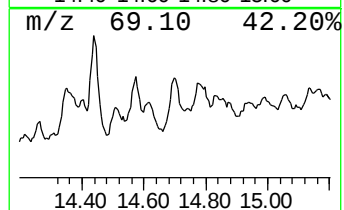
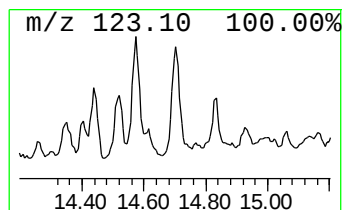
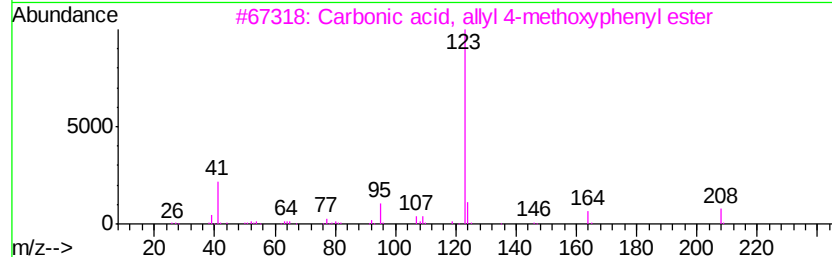
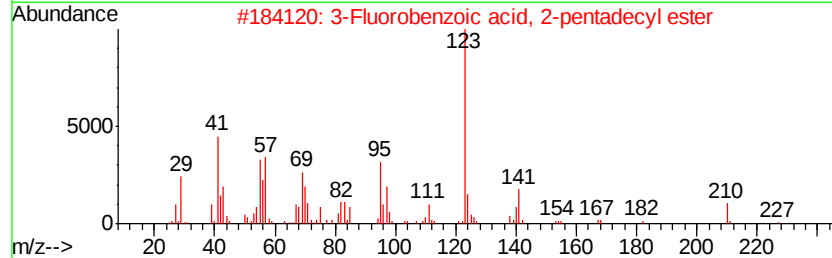
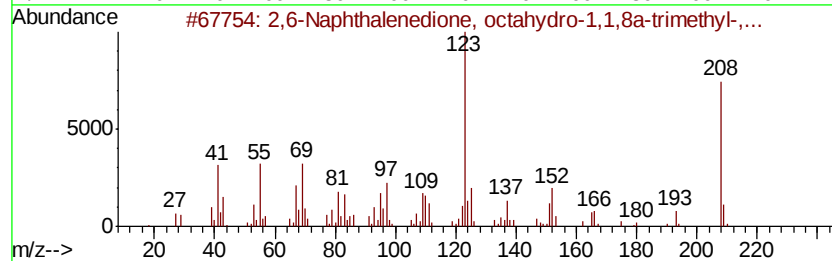
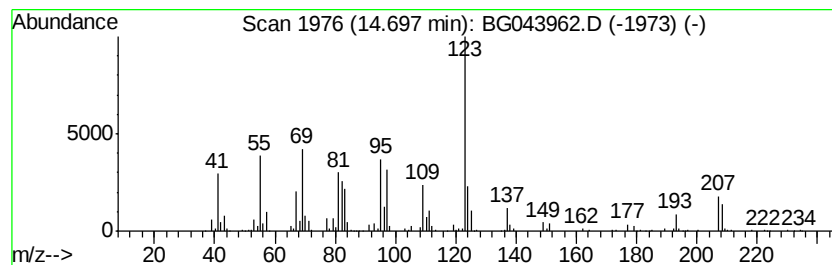
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,6-Naphthalenedione, octah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.70	3.05 ng	497095	Acenaphthene-d10	14.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-17-5	64
2	3-Fluorobenzoic acid, 2-pentadec...	350	C22H35FO2	1000280-60-7	50
3	Carbonic acid, allyl 4-methoxyph...	208	C11H12O4	1000357-81-0	43
4	4-Fluorobenzoic acid, 6-ethyl-3-...	280	C17H25FO2	1000279-07-4	43
5	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
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ClientSampleId :
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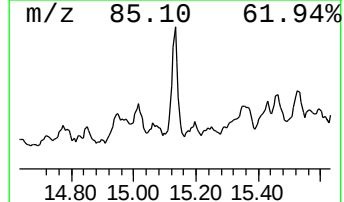
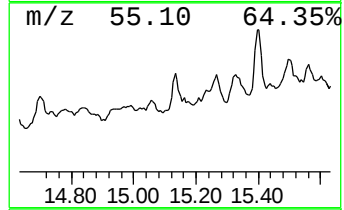
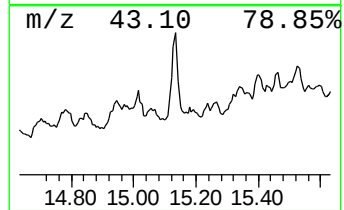
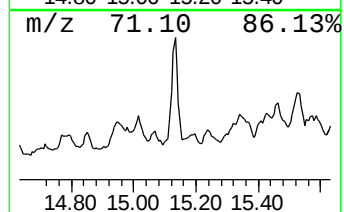
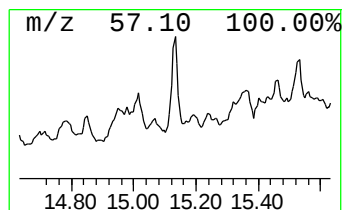
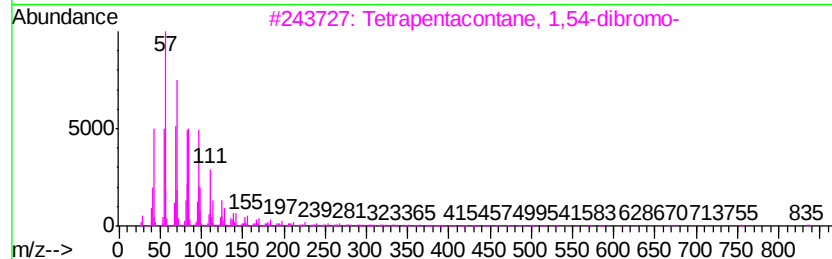
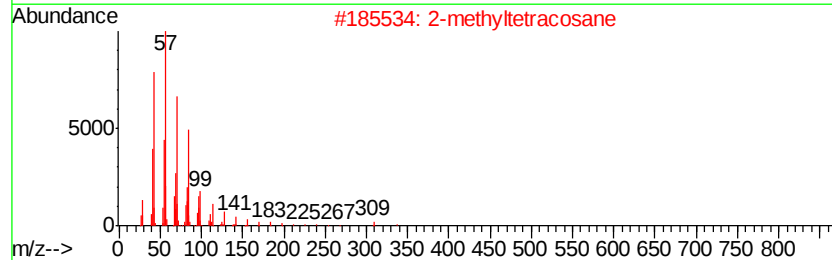
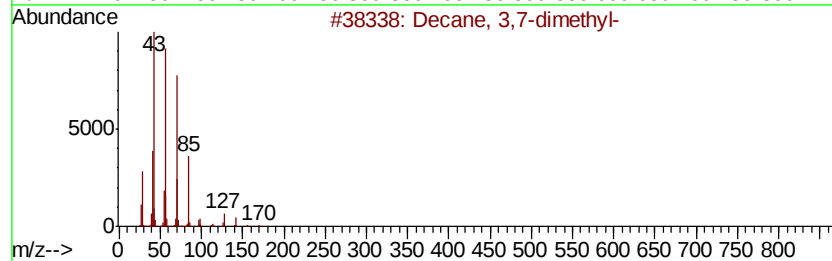
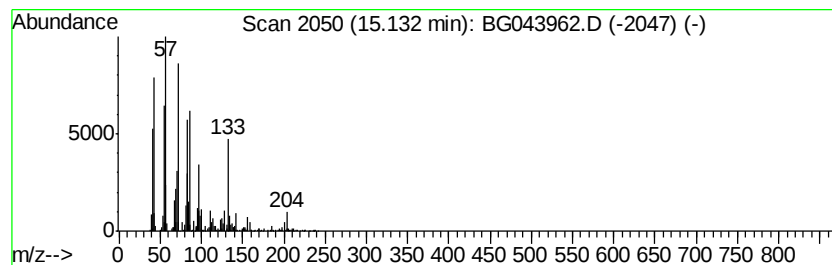
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Decane, 3,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.87 ng	794258	Acenaphthene-d10	14.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	55
2			2-methyltetracosane	352	C25H52	1000376-72-6	52
3			Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	52
4			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	46
5			Nonadecane	268	C19H40	000629-92-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043962.D
Acq On : 7 Jan 2020 20:12
Operator : JU
Sample : L1039-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

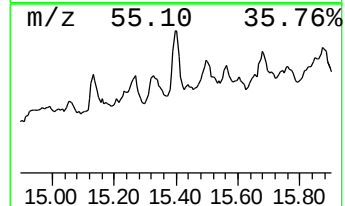
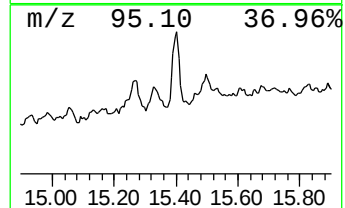
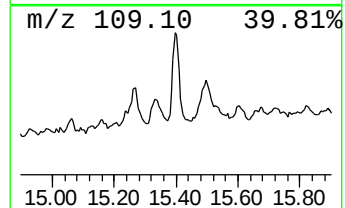
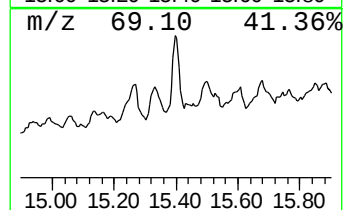
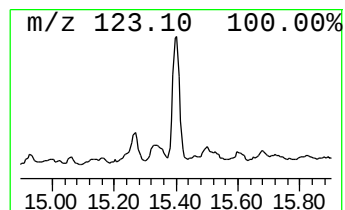
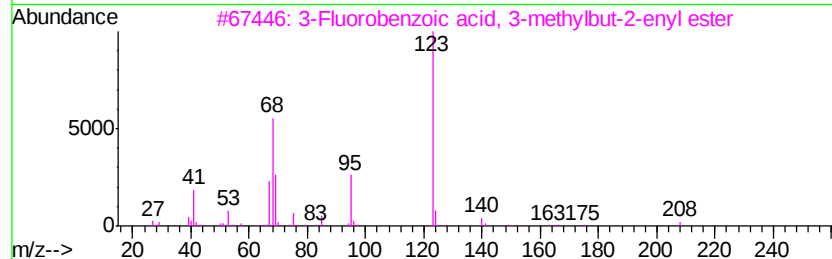
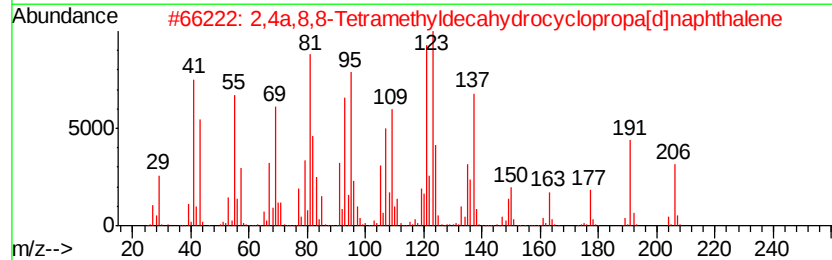
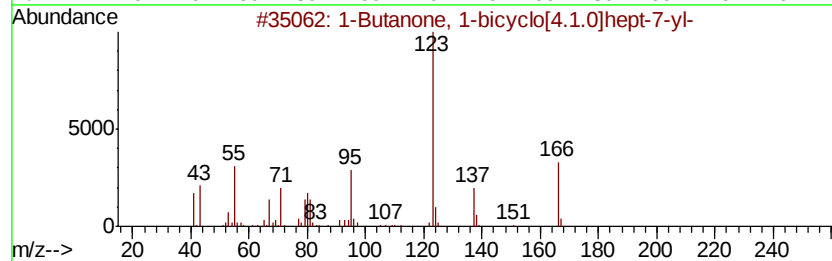
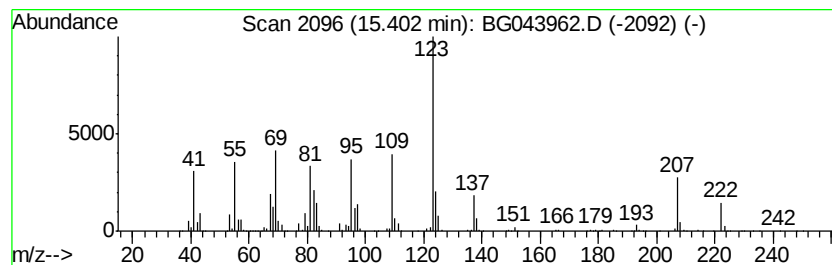
Instrument :
BNA_G
ClientSampleId :
225-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	10.18 ng	1659260	Acenaphthene-d10	14.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4 43
2	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1 38
3	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13F02	154559-38-3 35
4	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5 35
5	2-Fluorobenzoic acid, 1-cyclopen...	236	C14H17F02	1000278-98-2 35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010720\
 Data File : BG043962.D
 Acq On : 7 Jan 2020 20:12
 Operator : JU
 Sample : L1039-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 225-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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
Butane, 2-methoxy...	3.15	12.9	ng	672107	1	7.96	1040560	20.0
2-Pentanone, 4-hy...	5.07	12.4	ng	647347	1	7.96	1040560	20.0
unknown7.50	7.50	61.7	ng	3208470	1	7.96	1040560	20.0
Phthalic anhydride	12.51	2.2	ng	169672	2	10.76	1513880	20.0
unknown13.39	13.39	3.9	ng	635913	3	14.60	3259090	20.0
Bacchotricuneatin c	14.10	3.7	ng	604988	3	14.60	3259090	20.0
unknown14.15	14.15	4.5	ng	736391	3	14.60	3259090	20.0
Decahydro-4,4,8,9...	14.35	8.6	ng	1399370	3	14.60	3259090	20.0
unknown14.44	14.44	12.1	ng	1978570	3	14.60	3259090	20.0
unknown14.51	14.51	4.7	ng	767230	3	14.60	3259090	20.0
2,6-Naphthalenedi...	14.70	3.0	ng	497095	3	14.60	3259090	20.0
Decane, 3,7-dimet...	15.13	4.9	ng	794258	3	14.60	3259090	20.0
(DEL) Alkane: Str...	15.40	10.2	ng	1659260	3	14.60	3259090	20.0