

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046939.D
 Acq On : 17 Oct 2020 12:55
 Operator : CG/JU
 Sample : L4201-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP3

Manual Integrations
 APPROVED

mohammad
 10/19/2020 1:25:39 PM

Quant Time: Oct 17 14:13:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 17 13:26:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	62003	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	257683	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	177678	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	374222	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	339113	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	340766	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	3345	2.40	ng/uL	0.00
5) Phenol-d5	7.22	99	72423	13.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	51137	16.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	62453	15.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	57754	13.22	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	33863	15.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	39958	16.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	71027	14.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	34908	6.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	257324	17.43	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	285672	16.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	21624	8.50	ng/ul	0.00
58) Fluorene-d10	15.69	176	219494	16.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	30371	11.78	ng/ul	0.00
71) Anthracene-d10	17.54	188	301790	16.65	ng/ul	0.00
79) Pyrene-d10	19.83	212	326443	17.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	312701	16.29	ng/ul	0.00

Target Compounds

					Ovalue	
14) Acetophenone	8.89	105	7398	1.056	ng/ul#	70
45) Dimethylphthalate	14.14	163	82977	5.423	ng/ul	98
50) Acenaphthene	14.76	153	91476	7.671	ng/ul	92
57) Diethylphthalate	15.50	149	33922	2.223	ng/ul	94
59) Fluorene	15.74	166	36393	2.503	ng/ul	99
70) Phenanthrene	17.49	178	1242524	58.026	ng/ul	97
72) Anthracene	17.58	178	78024	3.607	ng/ul	99
75) Carbazole	17.85	167	21095	1.215	ng/ul#	95
76) Di-n-butylphthalate	18.40	149	150635	6.628	ng/ul	99
77) Fluoranthene	19.50	202	1721731	65.845	ng/ul#	98
80) Pyrene	19.86	202	2498716	108.878	ng/ul#	95
83) Benzo(a)anthracene	21.70	228	433985	18.542	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.60	149	313662	26.302	ng/ul	98
85) Chrysene	21.77	228	529135	23.432	ng/ul	97
88) Benzo(b)fluoranthene	23.94	252	648156	27.420	ng/ul	100
89) Benzo(k)fluoranthene	24.00	252	188311m	8.261	ng/ul	
91) Benzo(a)pyrene	24.83	252	514458	24.209	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.67	276	424540	16.307	ng/ul	100
93) Dibenzo(a,h)anthracene	28.72	278	66423m	3.077	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	646812m	29.598	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

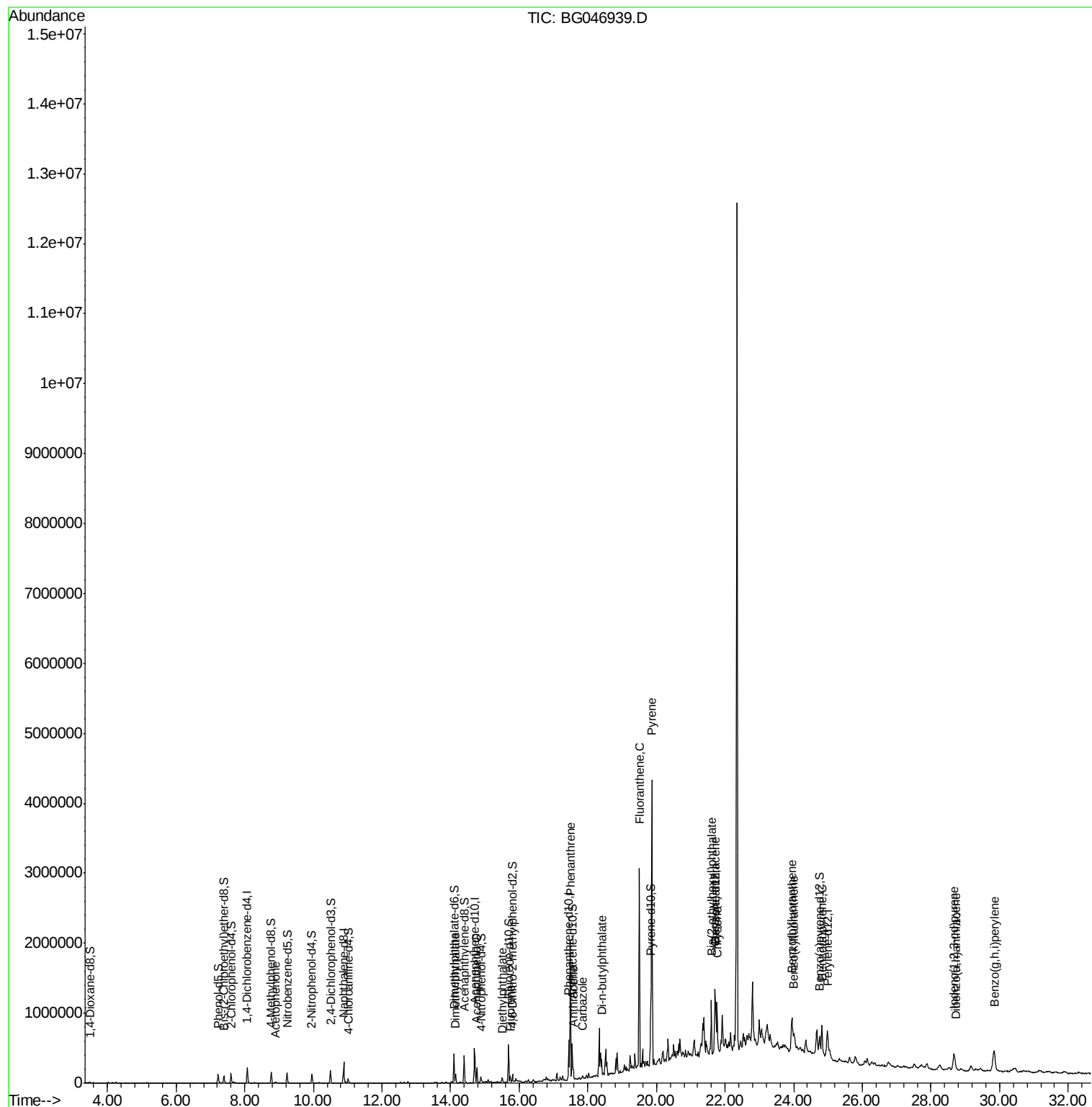
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046939.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

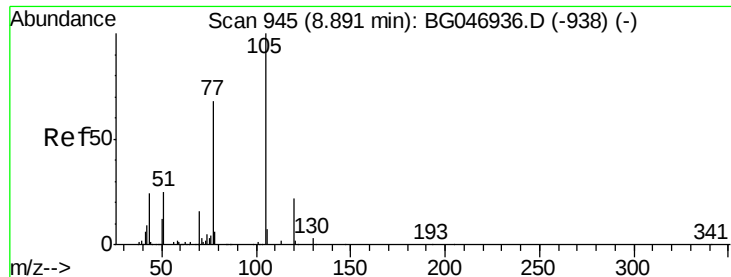
Instrument :
BNA_G
ClientSampleId :
C0AP3

Quant Time: Oct 17 14:13:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 17 13:26:44 2020
Response via : Initial Calibration

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#14

Acetophenone

Concen: 1.056 ng/ul

RT: 8.89 min Scan# 945

Delta R.T. 0.00 min

Lab File: BG046939.D

Acq: 17 Oct 2020 12:55

Instrument :

BNA_G

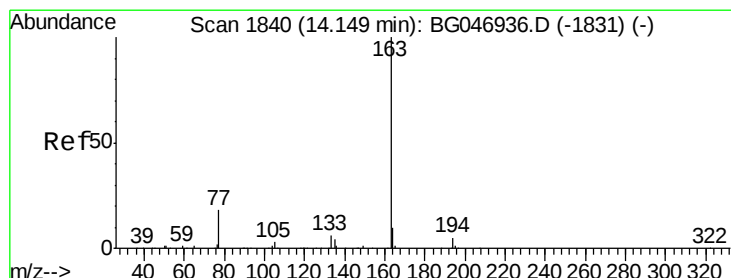
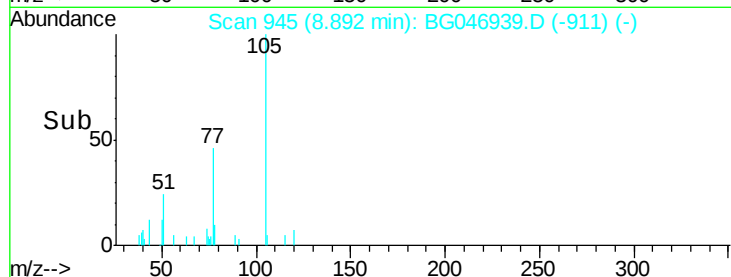
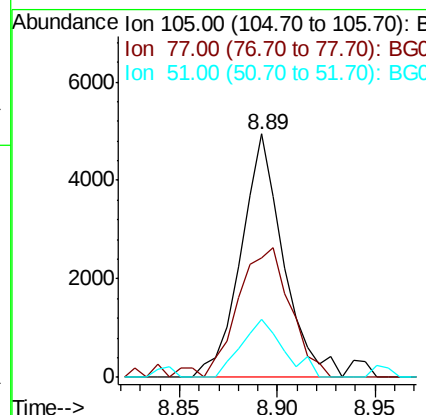
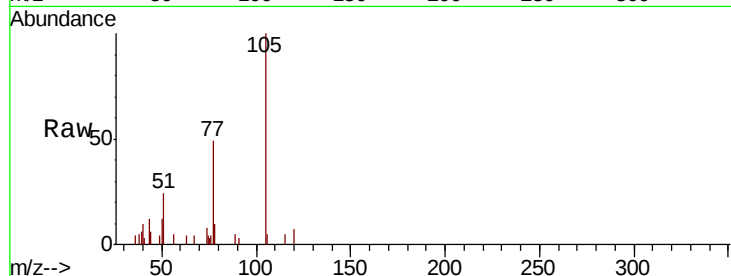
ClientSampleId :

C0AP3

Tot Ion	Ratio	Lower	Upper
105	100		
77	49.2	64.7	97.1#
51	23.7	26.5	39.7#

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#45

Dimethylphthalate

Concen: 5.423 ng/ul

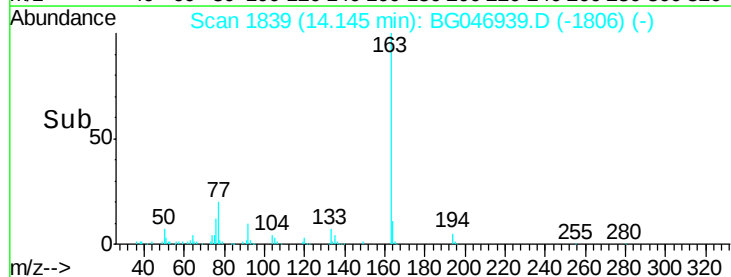
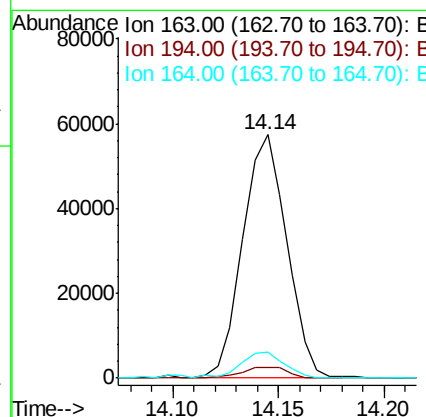
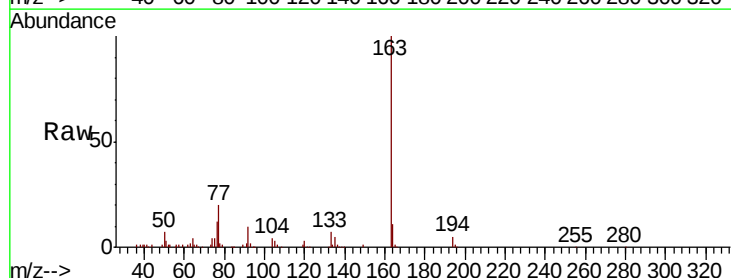
RT: 14.14 min Scan# 1839

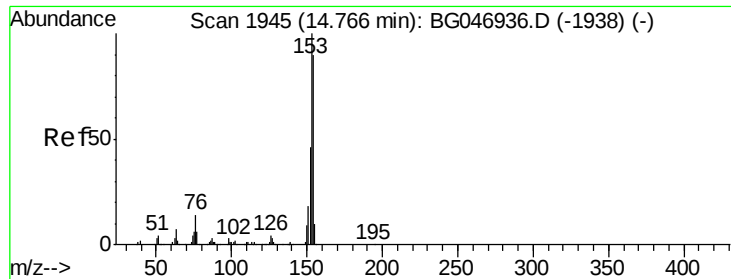
Delta R.T. -0.00 min

Lab File: BG046939.D

Acq: 17 Oct 2020 12:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	10.6	7.8	11.8





#50

Acenaphthene

Concen: 7.671 ng/ul

RT: 14.76 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG046939.D

Acq: 17 Oct 2020 12:55

Instrument :

BNA_G

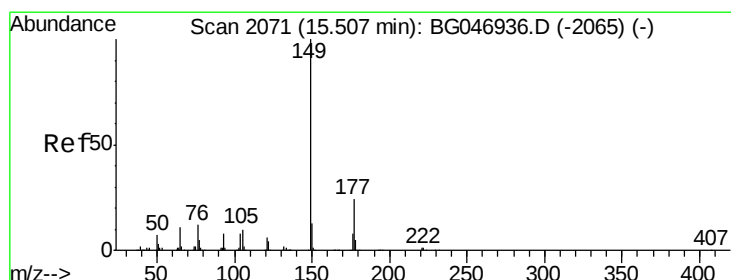
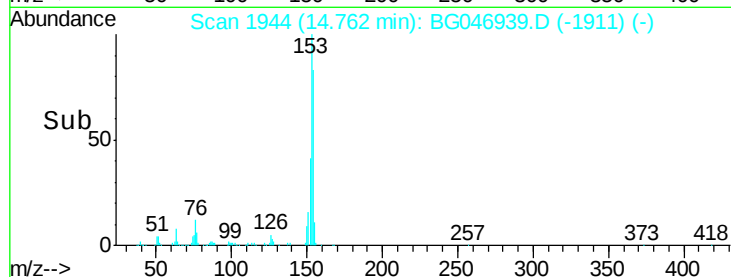
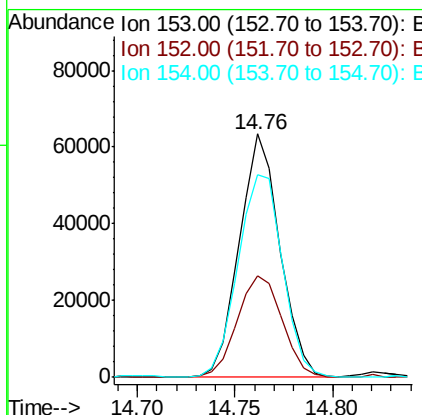
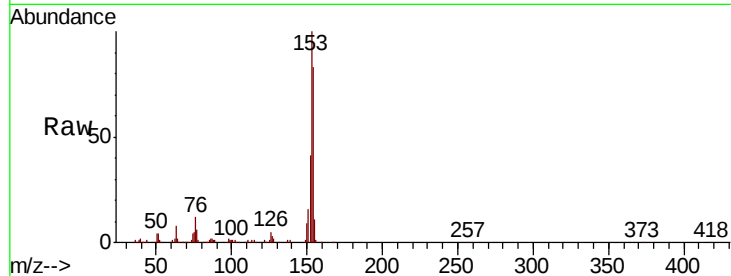
ClientSampleId :

C0AP3

Tot Ion:	153	Resp:	91476
Ion	Ratio	Lower	Upper
153	100		
152	41.4	39.0	58.6
154	83.0	71.6	107.4

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#57

Diethylphthalate

Concen: 2.223 ng/ul

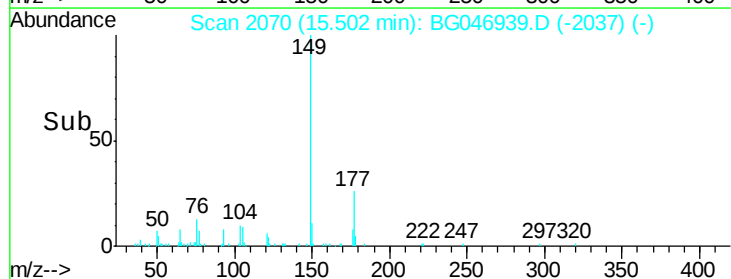
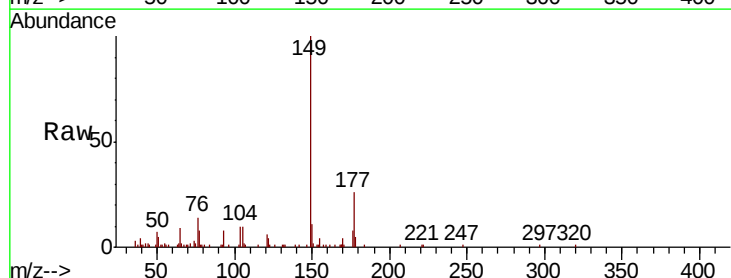
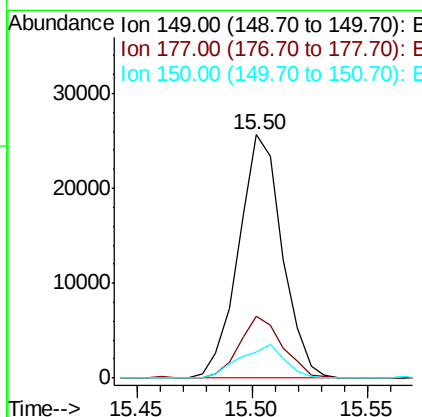
RT: 15.50 min Scan# 2070

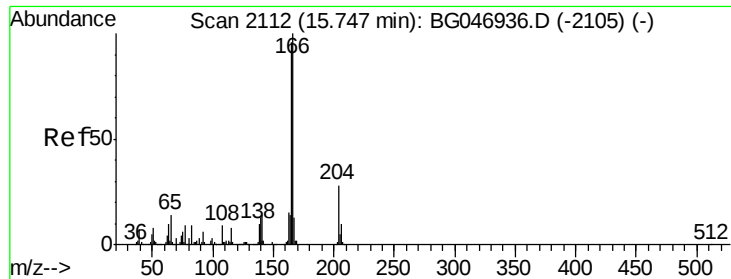
Delta R.T. -0.00 min

Lab File: BG046939.D

Acq: 17 Oct 2020 12:55

Tgt Ion:	149	Resp:	33922
Ion	Ratio	Lower	Upper
149	100		
177	25.6	18.3	27.5
150	10.7	10.5	15.7





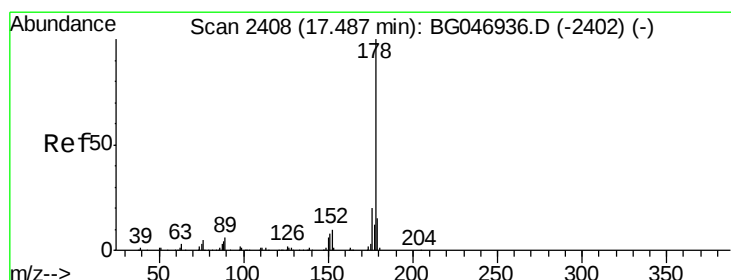
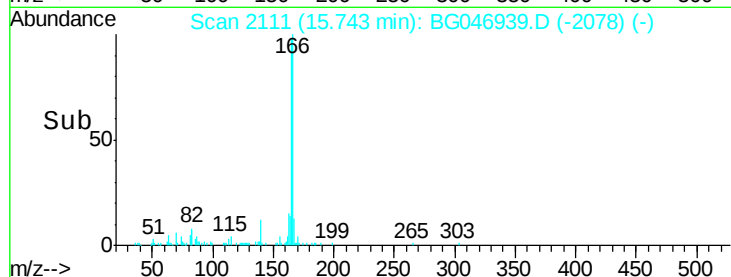
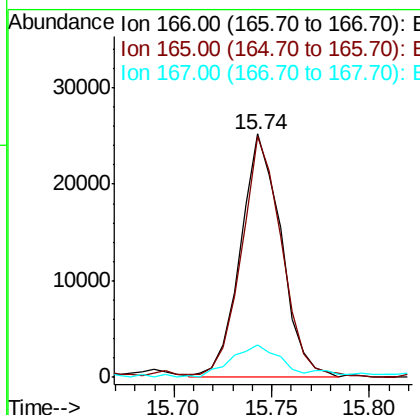
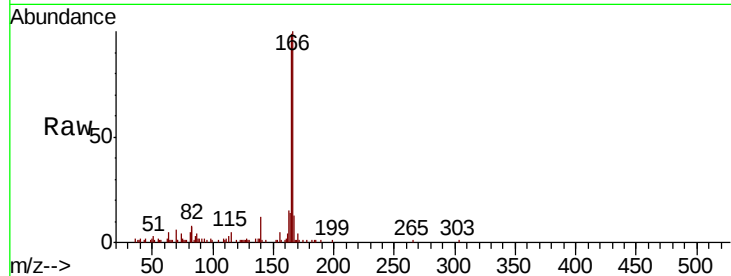
#59
Fluorene
Concen: 2.503 ng/ul
RT: 15.74 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG046939.D
Acq: 17 Oct 2020 12:55

Instrument :
BNA_G
ClientSampleId :
C0AP3

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.4	120.6
167	13.1	10.6	16.0

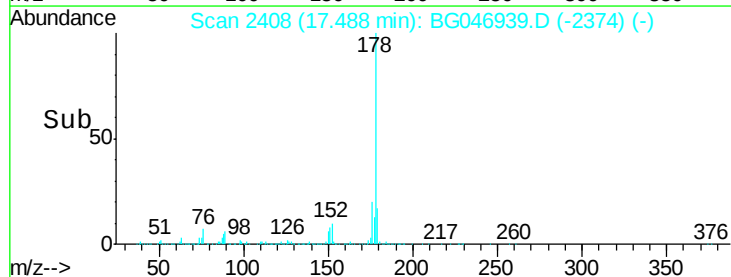
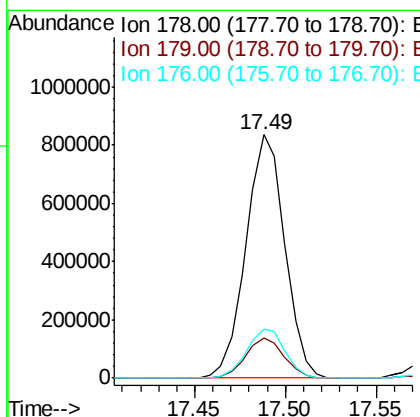
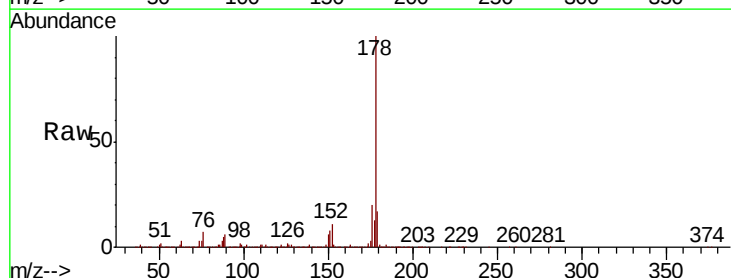
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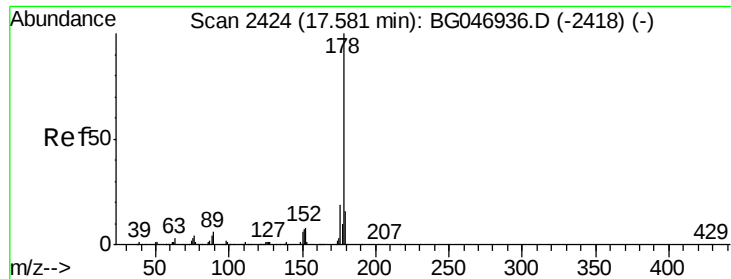
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#70
Phenanthrene
Concen: 58.026 ng/ul
RT: 17.49 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BG046939.D
Acq: 17 Oct 2020 12:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.5	18.7
176	20.3	15.0	22.4





#72

Anthracene

Concen: 3.607 ng/ul

RT: 17.58 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BG046939.D

Acq: 17 Oct 2020 12:55

Instrument :

BNA_G

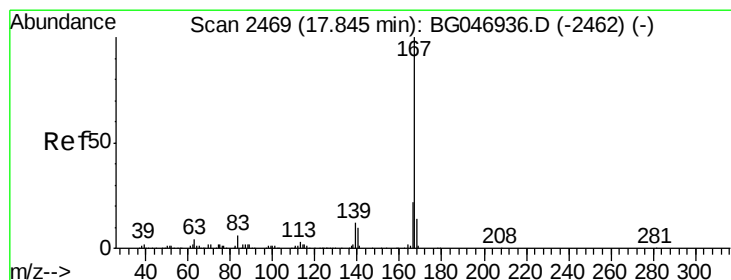
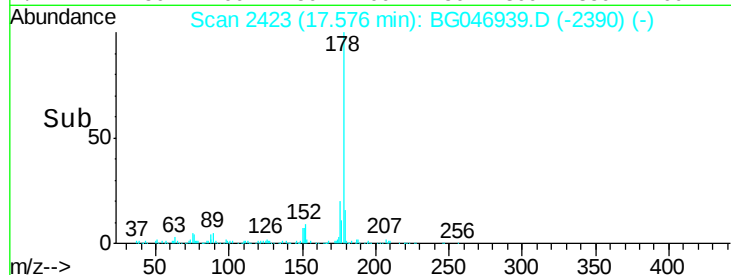
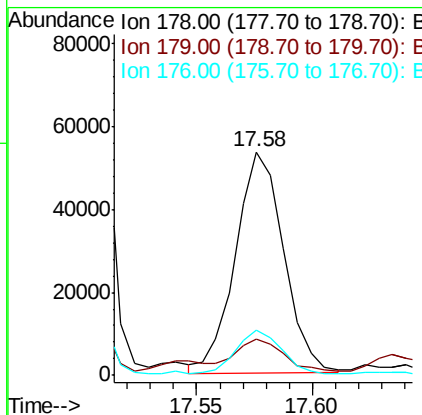
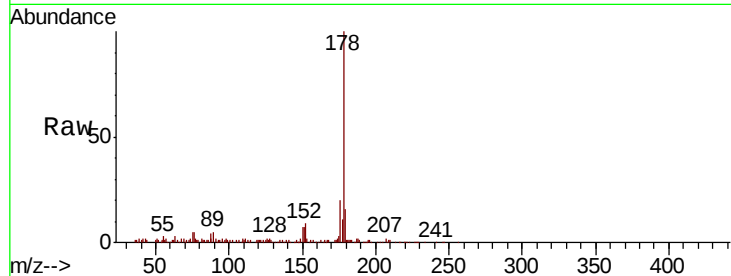
ClientSampleId :

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Tot Ion:	178	Resp:	78024
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.2	18.4
176	20.2	16.2	24.4

Manual Integrations
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#75

Carbazole

Concen: 1.215 ng/ul

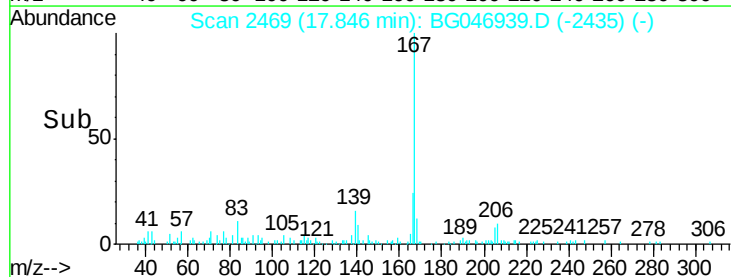
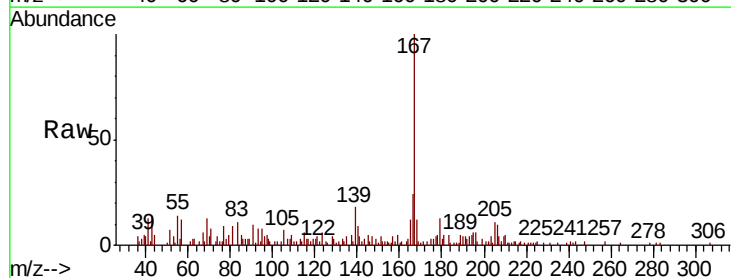
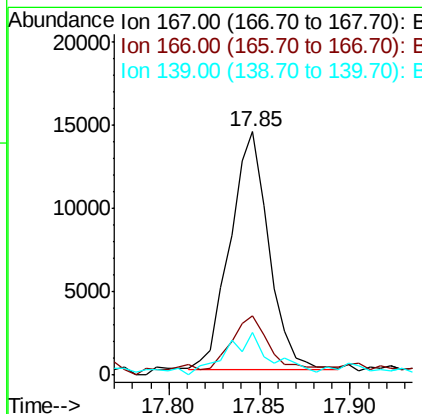
RT: 17.85 min Scan# 2469

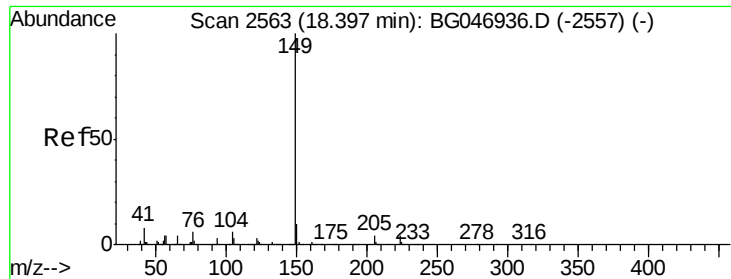
Delta R.T. 0.00 min

Lab File: BG046939.D

Acq: 17 Oct 2020 12:55

Tgt Ion:	167	Resp:	21095
Ion Ratio	Lower	Upper	
167	100		
166	24.1	18.6	27.8
139	17.6	10.3	15.5#





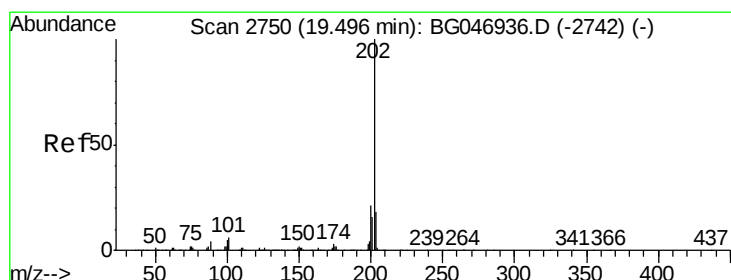
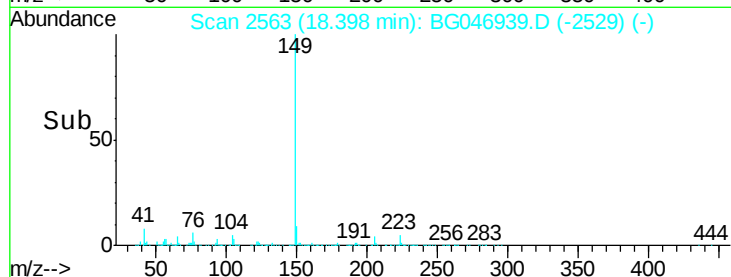
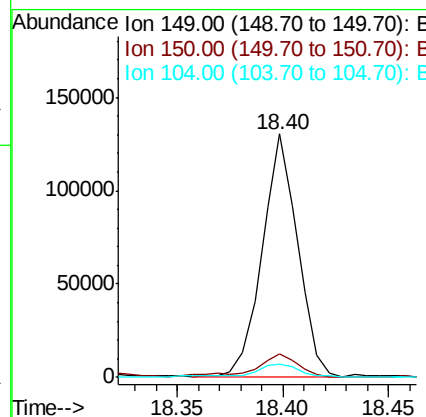
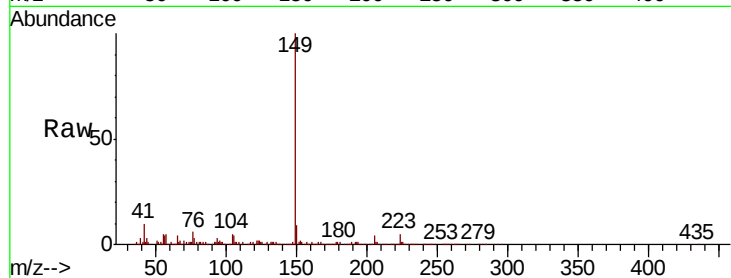
#76
Di-n-butylphthalate
Concen: 6.628 ng/ul
RT: 18.40 min Scan# 2563
Delta R.T. 0.00 min
Lab File: BG046939.D
Acq: 17 Oct 2020 12:55

Instrument :
BNA_G
ClientSampleId :
C0AP3

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.6	11.4	
104	5.4	4.8	7.2	

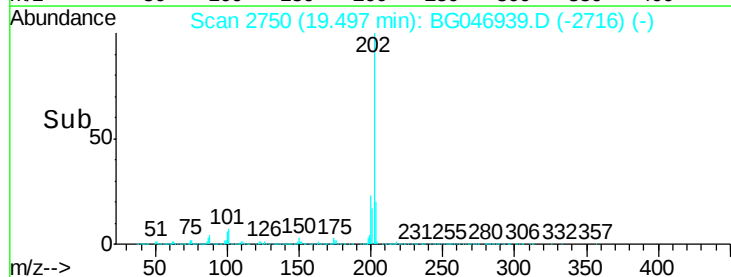
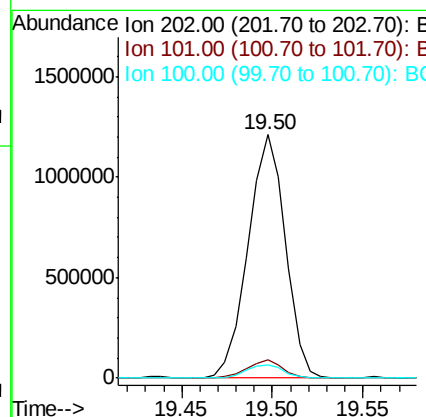
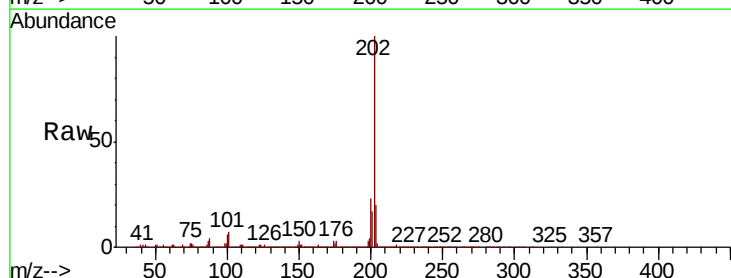
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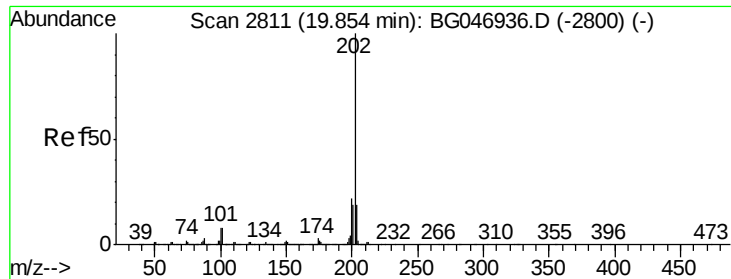
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#77
Fluoranthene
Concen: 65.845 ng/ul
RT: 19.50 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BG046939.D
Acq: 17 Oct 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	7.4	4.9	7.3#	
100	5.6	4.6	6.8	





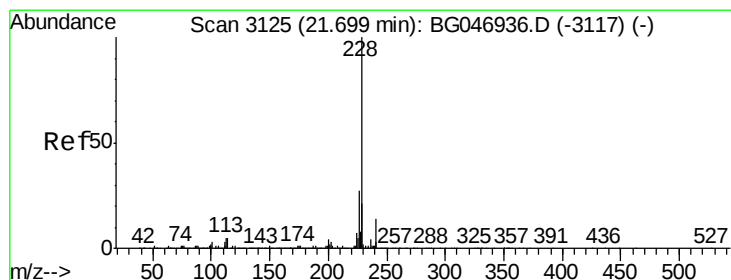
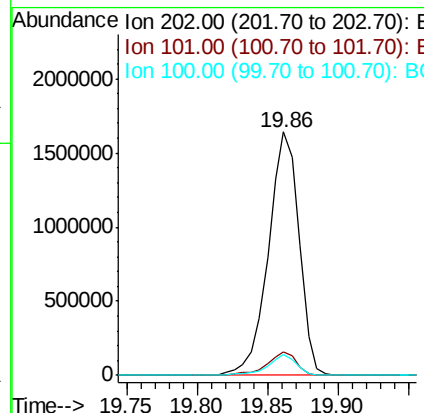
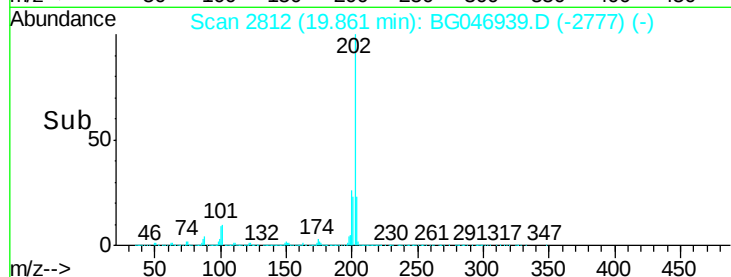
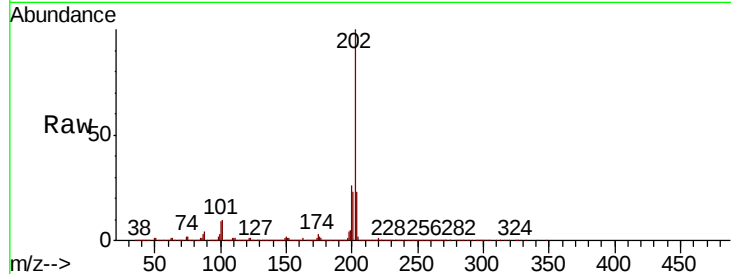
#80
Pvrene
Concen: 108.878 ng/ul
RT: 19.86 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BG046939.D
Acq: 17 Oct 2020 12:55

Instrument :
BNA_G
ClientSampleId :
C0AP3

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	6.5	9.7#
100	8.5	5.2	7.8#

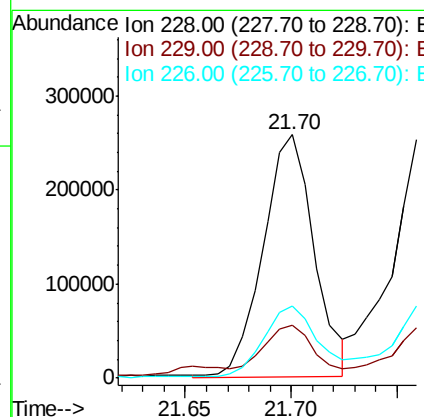
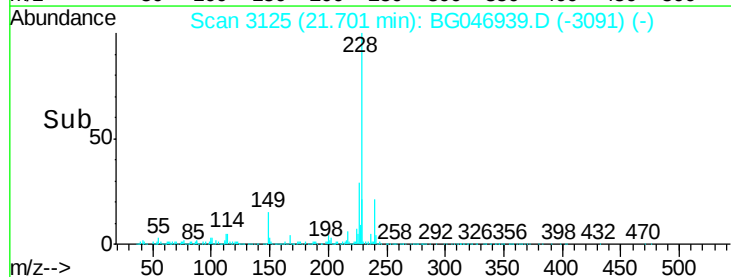
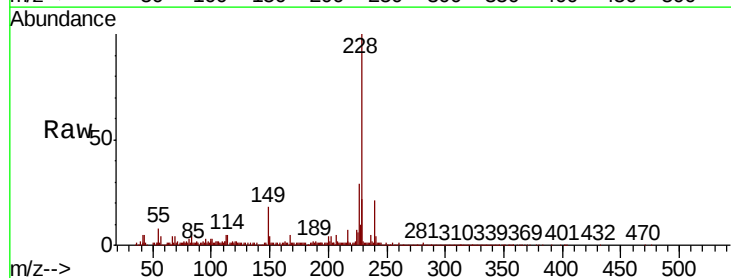
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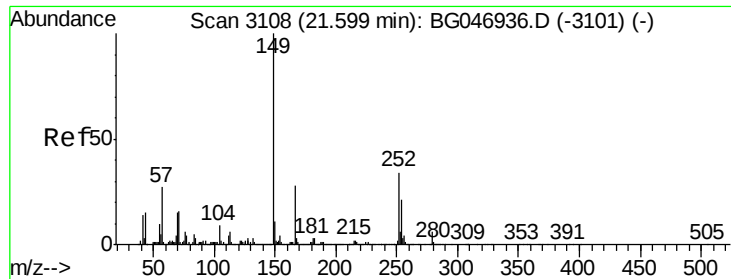
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#83
Benzo(a)anthracene
Concen: 18.542 ng/ul
RT: 21.70 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG046939.D
Acq: 17 Oct 2020 12:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.2
226	29.4	21.6	32.4





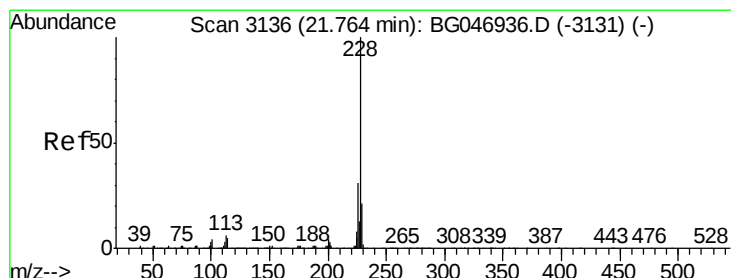
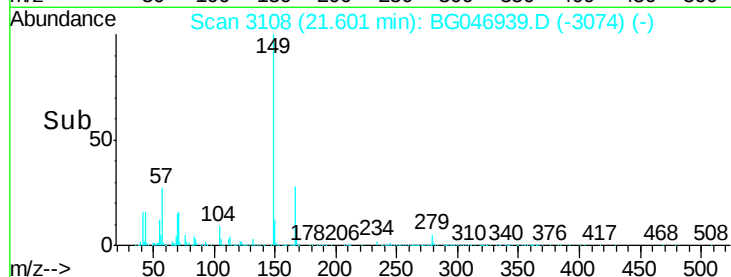
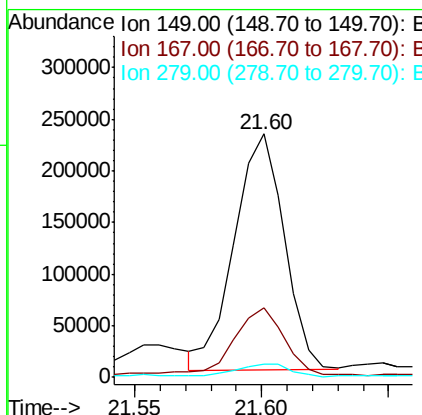
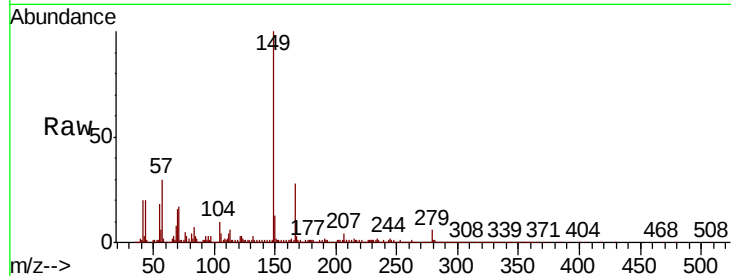
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 26.302 ng/ul
 RT: 21.60 min Scan# 3108
 Delta R.T. 0.00 min
 Lab File: BG046939.D
 Acq: 17 Oct 2020 12:55

Instrument :
 BNA_G
 ClientSampleId :
 C0AP3

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.7	35.5
279	5.5	4.6	7.0

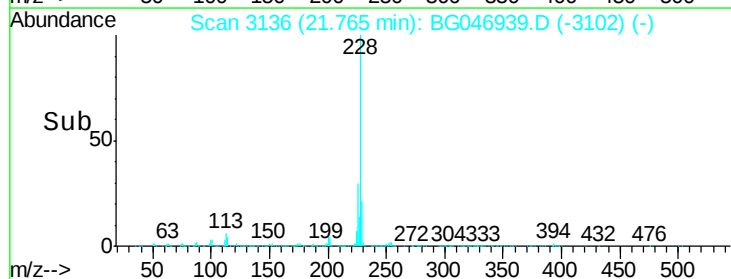
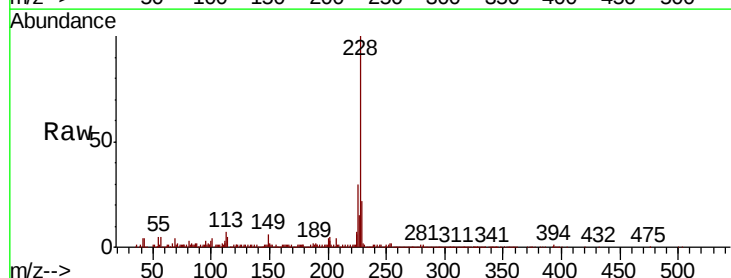
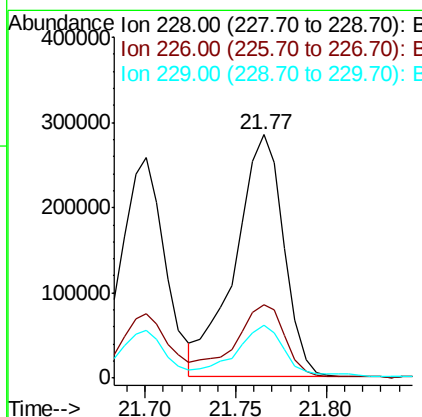
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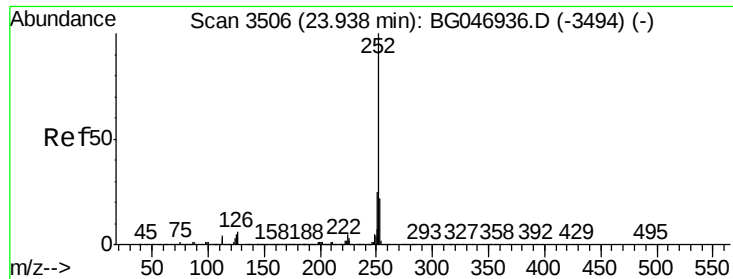
mohammad
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#85
 Chrysene
 Concen: 23.432 ng/ul
 RT: 21.77 min Scan# 3136
 Delta R.T. 0.00 min
 Lab File: BG046939.D
 Acq: 17 Oct 2020 12:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.2	34.8
229	21.8	15.6	23.4





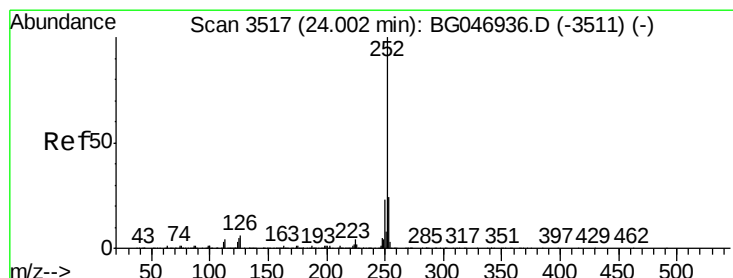
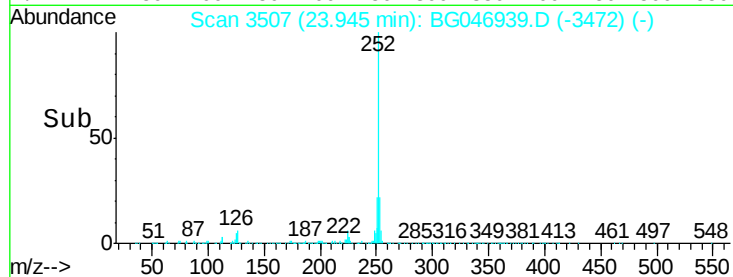
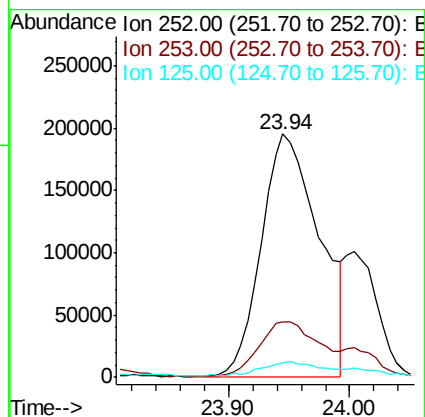
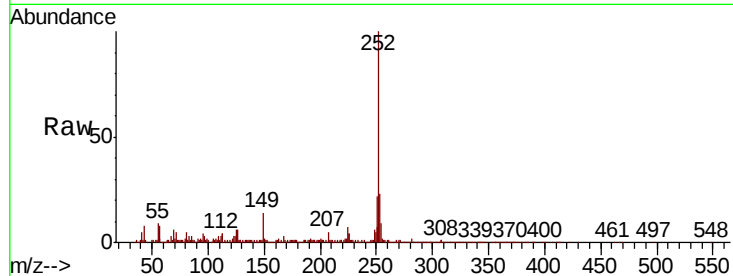
#88
Benzo(b)fluoranthene
Concen: 27.420 ng/ul
RT: 23.94 min Scan# 3507
Delta R.T. 0.01 min
Lab File: BG046939.D
Acq: 17 Oct 2020 12:55

Instrument :
BNA_G
ClientSampleId :
C0AP3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	5.9	4.6	7.0

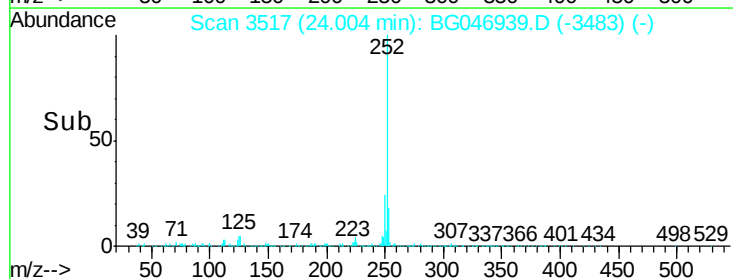
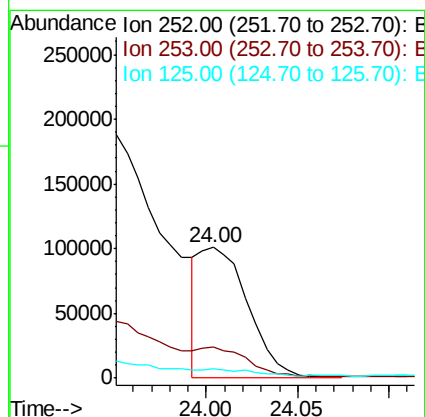
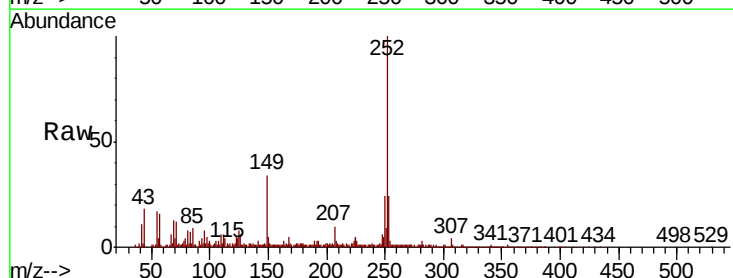
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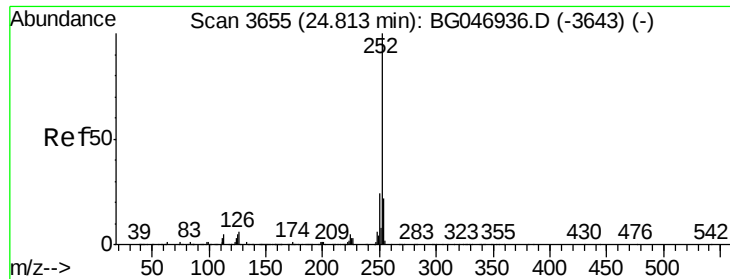
mohammad
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#89
Benzo(k)fluoranthene
Concen: 8.261 ng/ul m
RT: 24.00 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BG046939.D
Acq: 17 Oct 2020 12:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	7.5	4.2	6.4





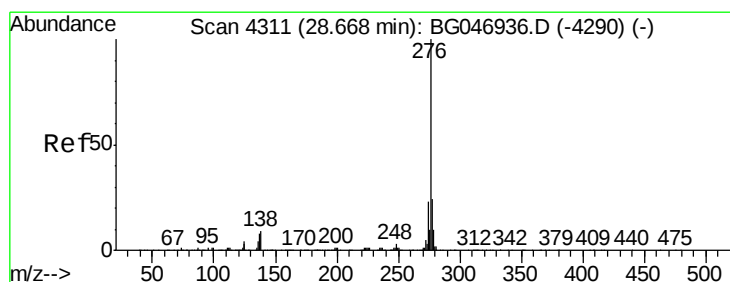
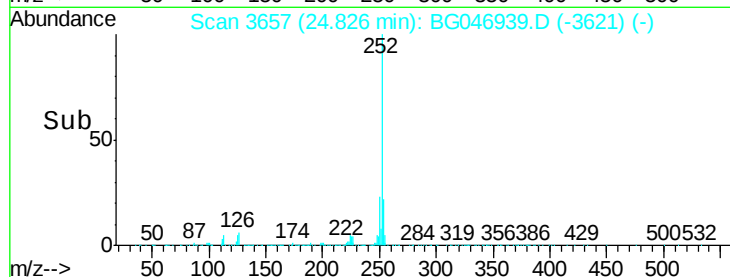
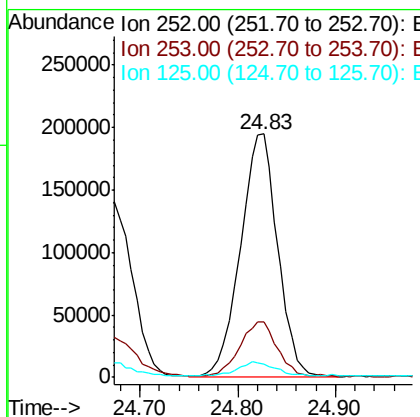
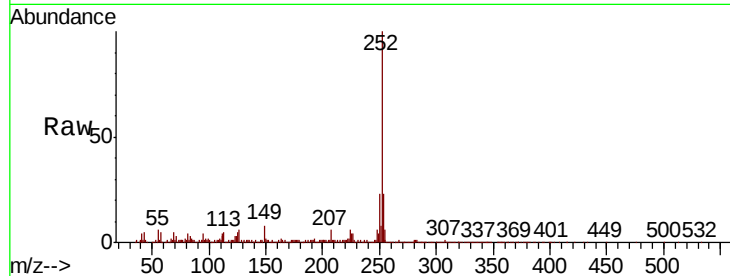
#91
Benzo(a)pyrene
Concen: 24.209 ng/ul
RT: 24.83 min Scan# 3657
Delta R.T. 0.01 min
Lab File: BG046939.D
Acq: 17 Oct 2020 12:55

Instrument :
BNA_G
ClientSampled :
C0AP3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	5.4	5.4	8.0

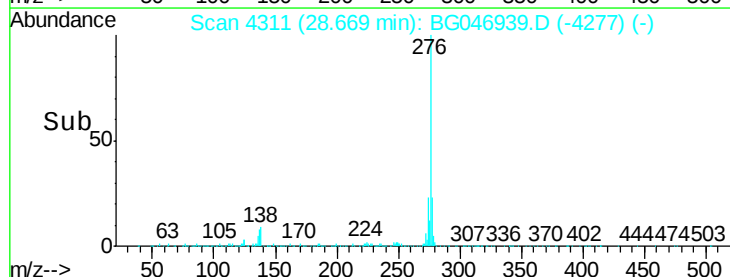
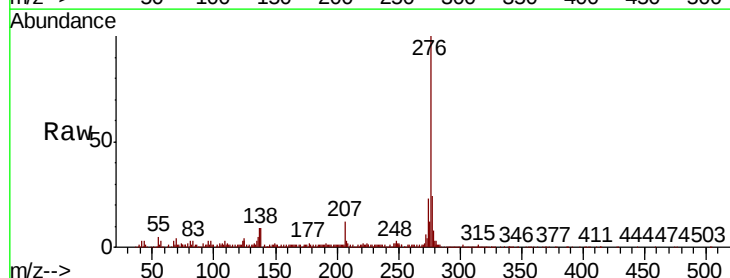
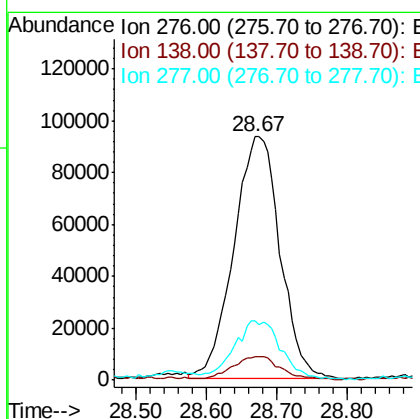
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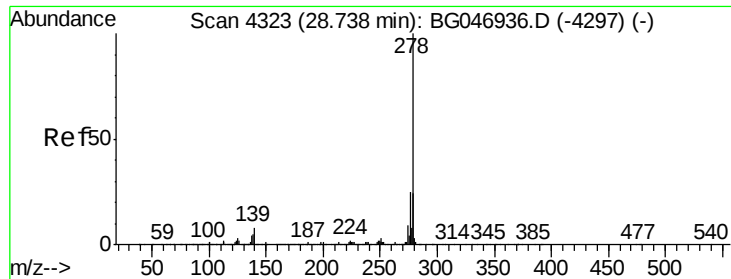
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 16.307 ng/ul
RT: 28.67 min Scan# 4311
Delta R.T. 0.00 min
Lab File: BG046939.D
Acq: 17 Oct 2020 12:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.5	7.8	11.6
277	24.3	19.4	29.2





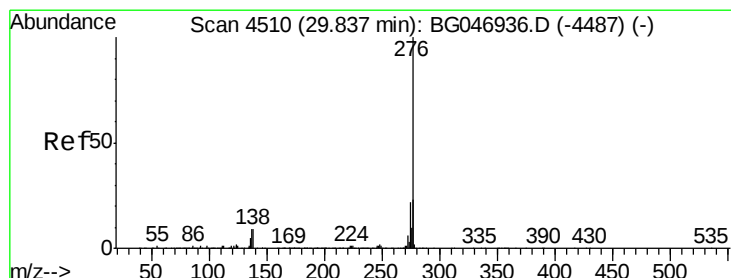
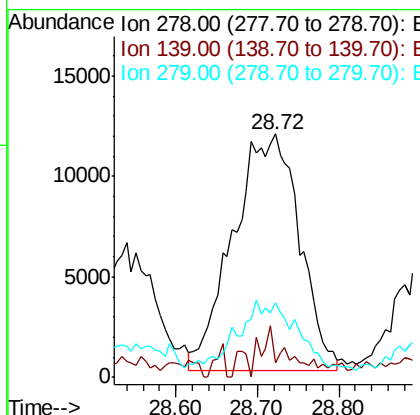
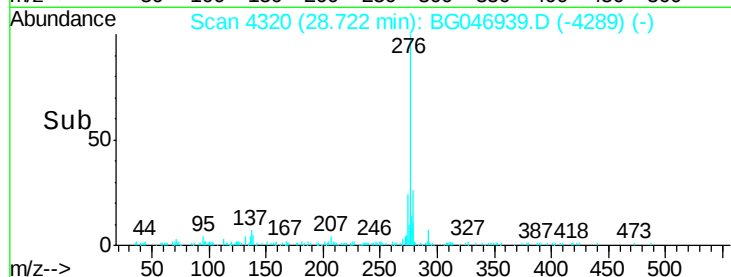
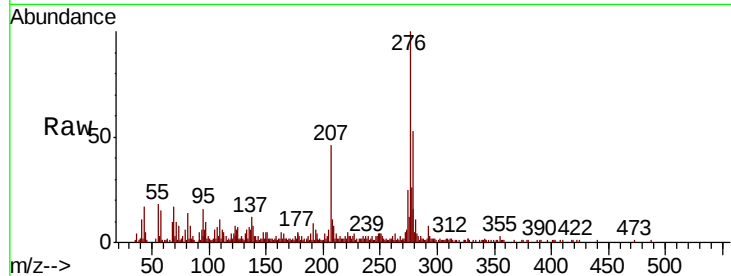
#93
Dibenzo(a,h)anthracene
Concen: 3.077 ng/ul m
RT: 28.72 min Scan# 4320
Delta R.T. -0.02 min
Lab File: BG046939.D
Acq: 17 Oct 2020 12:55

Instrument :
BNA_G
ClientSampleId :
C0AP3

Tot Ion	Ratio	Lower	Upper
278	100		
139	5.9	7.0	10.6#
279	30.7	19.0	28.4#

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 29.598 ng/ul m
RT: 29.84 min Scan# 4511
Delta R.T. 0.01 min
Lab File: BG046939.D
Acq: 17 Oct 2020 12:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.4	8.5	12.7
277	23.9	18.5	27.7

