

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046744.D
 Acq On : 2 Oct 2020 19:42
 Operator : CG/JU
 Sample : L4151-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7K9

Manual Integrations
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 10/5/2020 10:19:26 AM

Quant Time: Oct 03 00:38:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 03 00:37:01 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	61543	20.00	ng/ul	0.00
18) Naphthalene-d8	10.924	136	256209	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.731	164	175888	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.475	188	427972	20.00	ng/ul	0.00
78) Chrysene-d12	21.752	240	488439	20.00	ng/ul	0.00
86) Perylene-d12	25.031	264	513405	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.538	96	5285	4.22	ng/uL	0.00
5) Phenol-d5	7.252	99	83808	15.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.434	67	56245	17.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.639	132	65756	17.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.803	113	64213	15.59	ng/ul	0.00
19) Nitrobenzene-d5	9.273	128	34056	17.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.995	143	35756	18.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.530	165	69408	15.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.047	131	62413	11.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.132	166	255783	19.03	ng/ul	0.00
47) Acenaphthylene-d8	14.425	160	274746	17.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.896	143	42225	18.43	ng/ul	-0.01
58) Fluorene-d10	15.724	176	218542	17.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.824	200	39388	18.42	ng/ul	0.00
71) Anthracene-d10	17.575	188	342032	17.42	ng/ul	0.00
79) Pyrene-d10	19.854	212	440790	17.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.802	264	454550	16.43	ng/ul	0.00
Target Compounds					Qvalue	
28) Naphthalene	10.971	128	19534	1.38	ng/ul#	89
45) Dimethylphthalate	14.179	163	28072	2.06	ng/ul#	92
50) Acenaphthene	14.796	153	11840	1.06	ng/ul	95
54) Dibenzofuran	15.131	168	16651	1.01	ng/ul	99
59) Fluorene	15.777	166	16058	1.20	ng/ul#	80
70) Phenanthrene	17.522	178	296755	12.68	ng/ul	100
72) Anthracene	17.610	178	60583	2.56	ng/ul	98
75) Carbazole	17.874	167	28247	1.50	ng/ul#	94
77) Fluoranthene	19.519	202	528746	19.03	ng/ul	99
80) Pyrene	19.884	202	434846	13.85	ng/ul	98
83) Benzo(a)anthracene	21.735	228	284922	8.92	ng/ul	99
85) Chrysene	21.799	228	255585	8.24	ng/ul	97
88) Benzo(b)fluoranthene	23.985	252	323360	9.55	ng/ul	96
89) Benzo(k)fluoranthene	24.049	252	128476m	3.89	ng/ul	
91) Benzo(a)pyrene	24.872	252	216988	7.01	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.744	276	142471	3.75	ng/ul	97
93) Dibenzo(a,h)anthracene	28.785	278	44794m	1.42	ng/ul	
94) Benzo(g,h,i)perylene	29.907	276	118308	3.72	ng/ul#	96

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

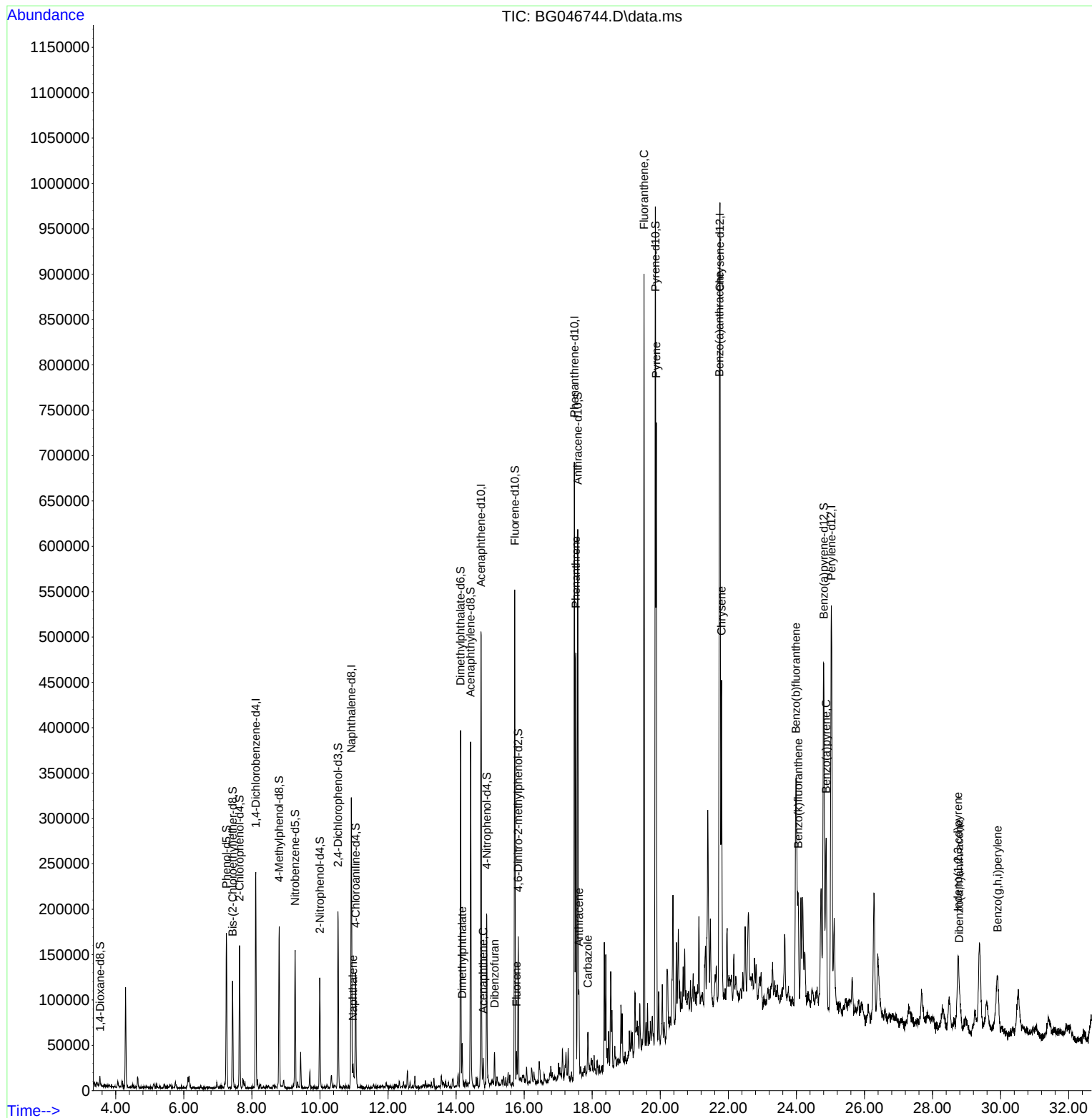
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046744.D
 Acq On : 2 Oct 2020 19:42
 Operator : CG/JU
 Sample : L4151-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

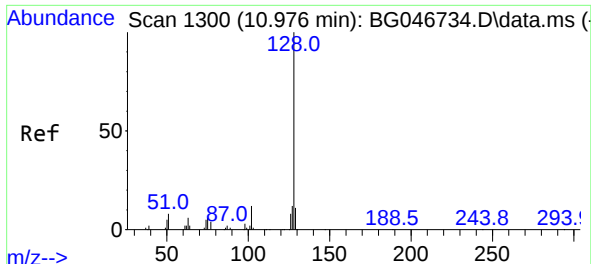
Instrument :
 BNA_G
 ClientSampled :
 CB7K9

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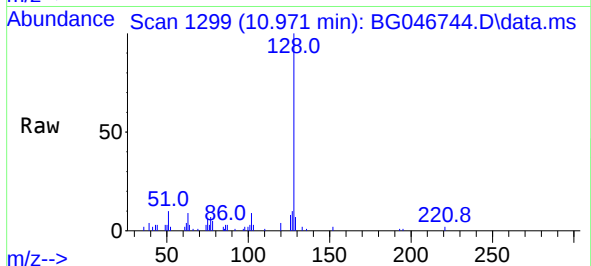
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 03 00:37:01 2020
 Response via : Initial Calibration





#28
Naphthalene
Concen: 1.38 ng/ul
RT: 10.971 min Scan# 1299
Delta R.T. -0.005 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

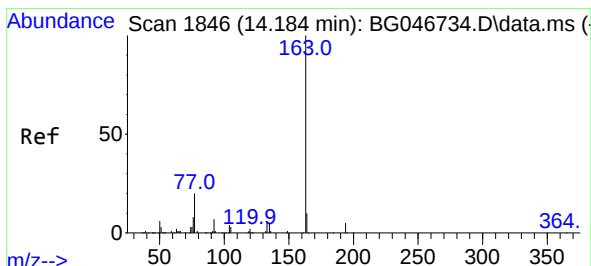
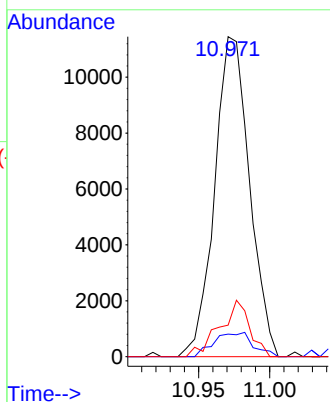
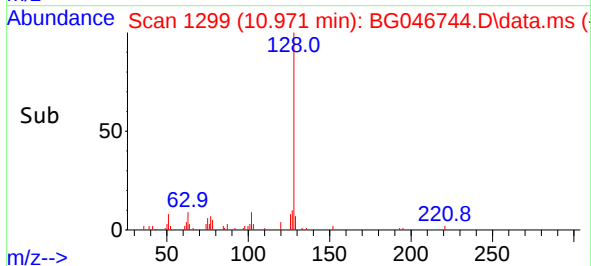
Instrument :
BNA_G
ClientSampleId :
CB7K9



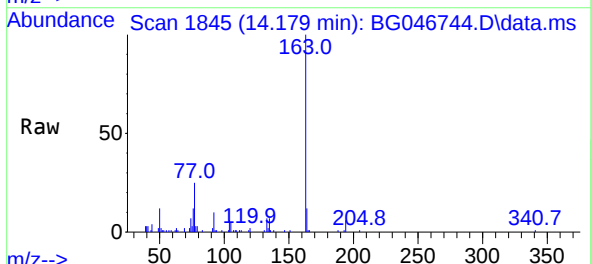
Tgt Ion:128 Resp: 19534
Ion Ratio Lower Upper
128 100
129 7.0 8.6 12.8#
127 9.9 11.6 17.4#

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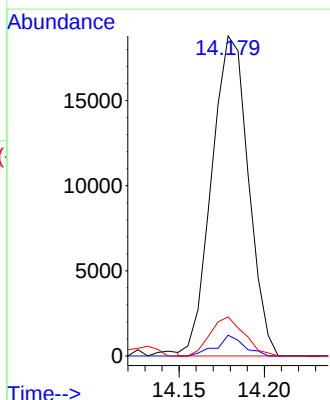
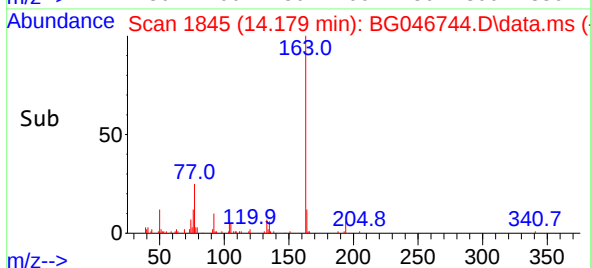
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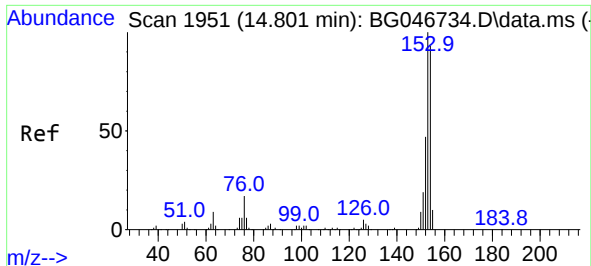


#45
Dimethylphthalate
Concen: 2.06 ng/ul
RT: 14.179 min Scan# 1845
Delta R.T. -0.005 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42



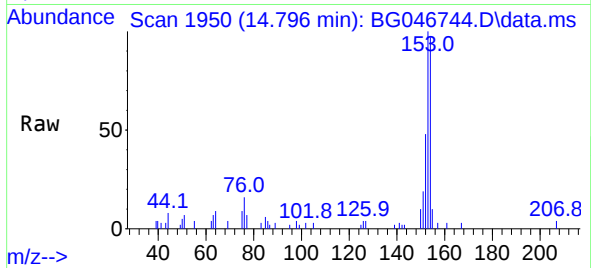
Tgt Ion:163 Resp: 28072
Ion Ratio Lower Upper
163 100
194 6.5 3.6 5.4#
164 12.2 7.4 11.0#





#50
Acenaphthene
Concen: 1.06 ng/ul
RT: 14.796 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

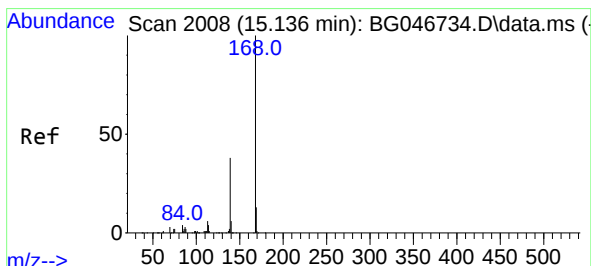
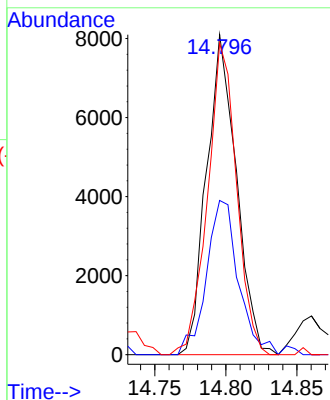
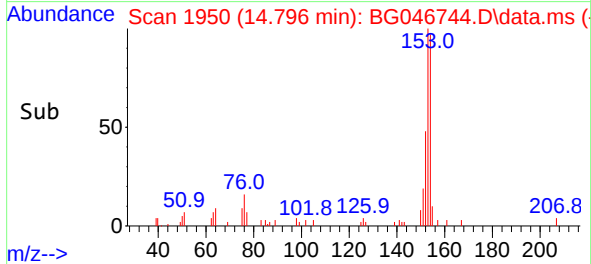
Instrument :
BNA_G
ClientSampleId :
CB7K9



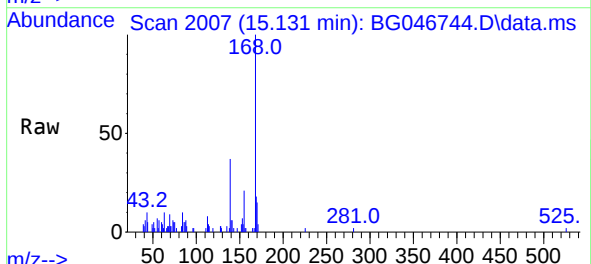
Tgt Ion:153 Resp: 11840
Ion Ratio Lower Upper
153 100
152 48.2 37.2 55.8
154 97.4 72.9 109.3

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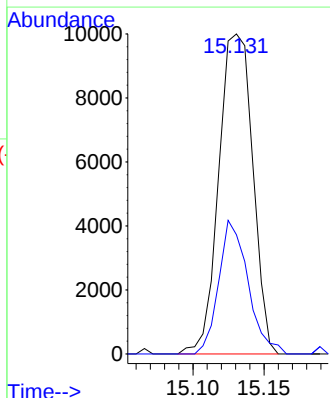
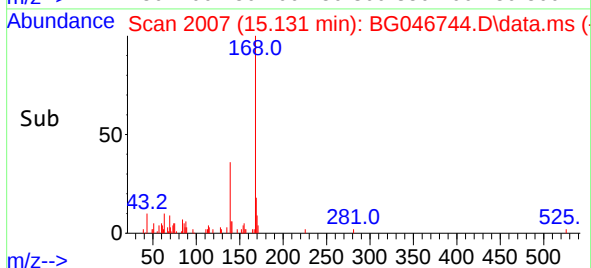
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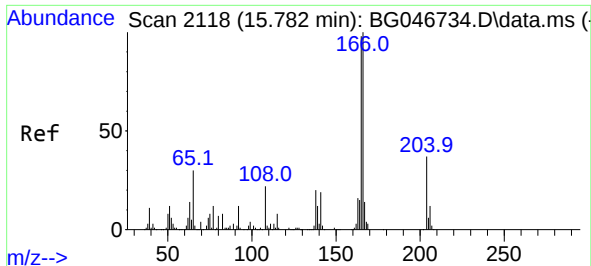


#54
Dibenzofuran
Concen: 1.01 ng/ul
RT: 15.131 min Scan# 2007
Delta R.T. -0.005 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

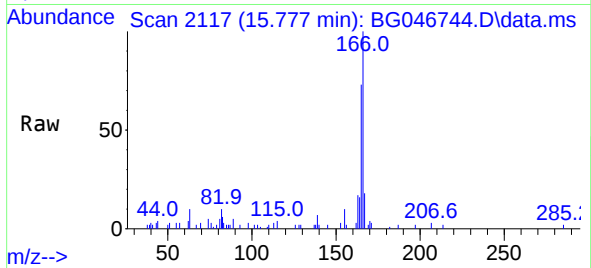


Tgt Ion:168 Resp: 16651
Ion Ratio Lower Upper
168 100
139 37.3 30.3 45.5

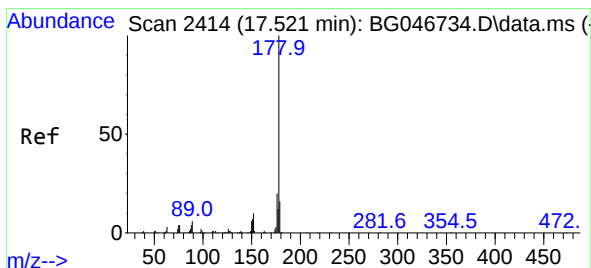
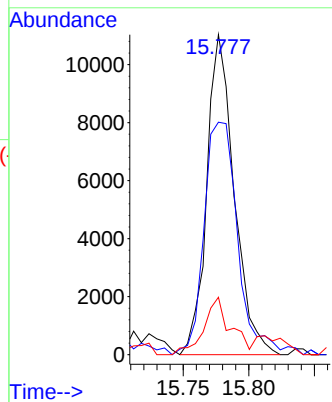
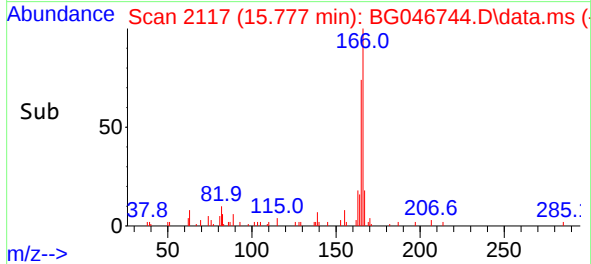




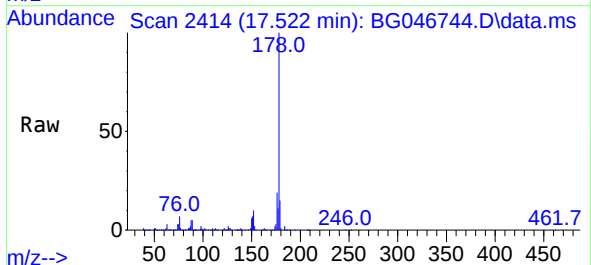
#59
Fluorene
Concen: 1.20 ng/ul
RT: 15.777 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42



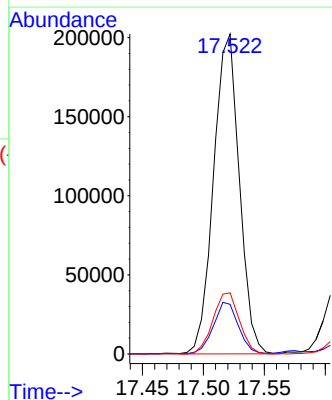
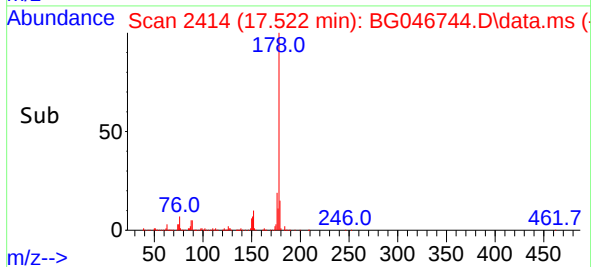
Tgt Ion:166 Resp: 16058
Ion Ratio Lower Upper
166 100
165 72.6 74.2 111.2#
167 18.0 9.8 14.8#



#70
Phenanthrene
Concen: 12.68 ng/ul
RT: 17.522 min Scan# 2414
Delta R.T. 0.001 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42



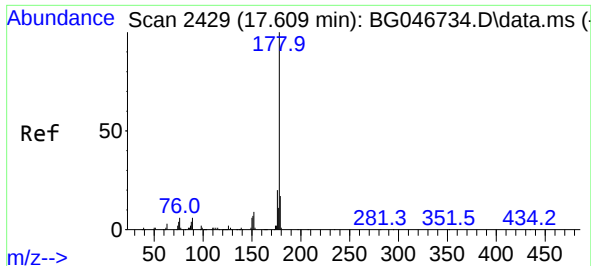
Tgt Ion:178 Resp: 296755
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.1 15.4 23.2



Instrument :
BNA_G
ClientSampleId :
CB7K9

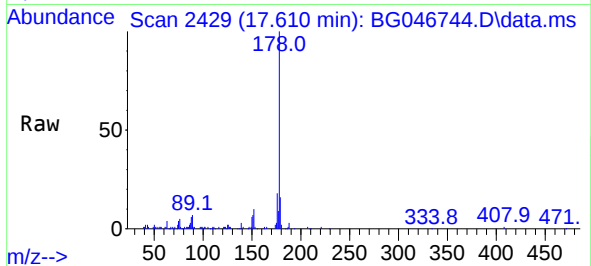
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#72
 Anthracene
 Concen: 2.56 ng/ul
 RT: 17.610 min Scan# 2429
 Delta R.T. -0.005 min
 Lab File: BG046744.D
 Acq: 2 Oct 2020 19:42

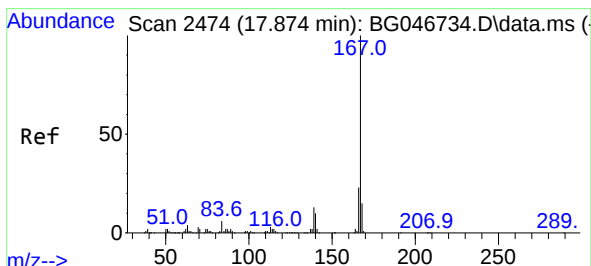
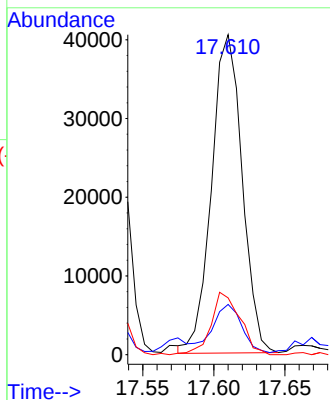
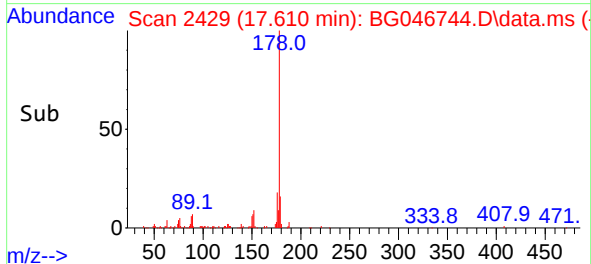
Instrument :
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 ClientSampled :
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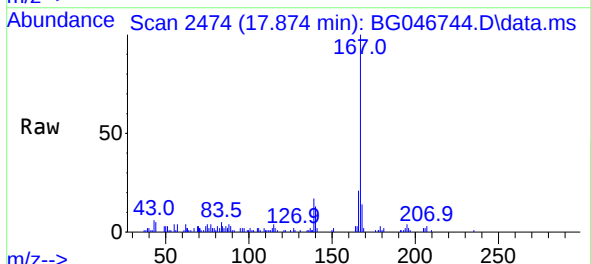
Tgt Ion:178 Resp: 60583
 Ion Ratio Lower Upper
 178 100
 179 15.7 11.9 17.9
 176 17.8 15.2 22.8

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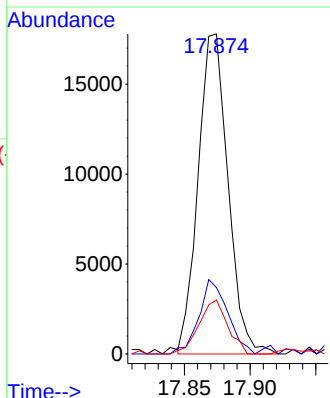
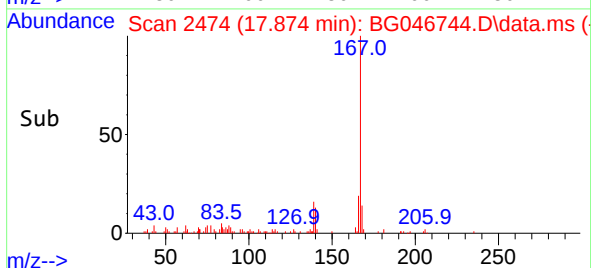
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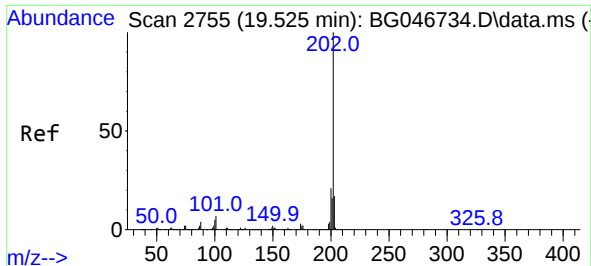


#75
 Carbazole
 Concen: 1.50 ng/ul
 RT: 17.874 min Scan# 2474
 Delta R.T. 0.001 min
 Lab File: BG046744.D
 Acq: 2 Oct 2020 19:42



Tgt Ion:167 Resp: 28247
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.5 26.3
 139 16.9 9.8 14.6#





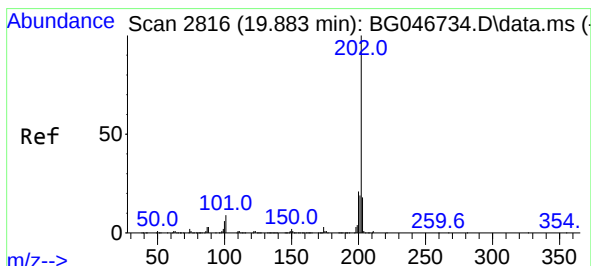
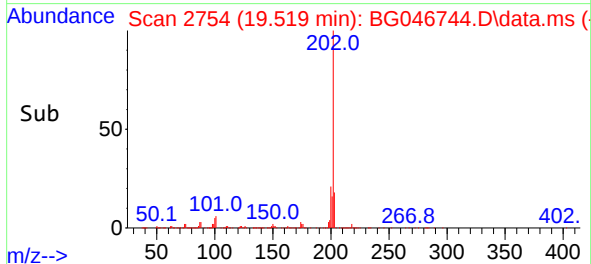
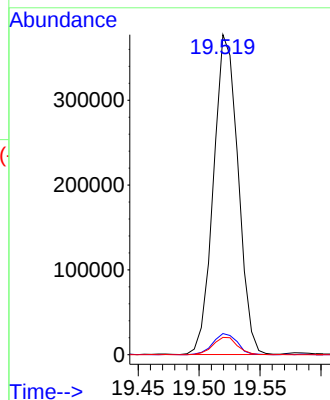
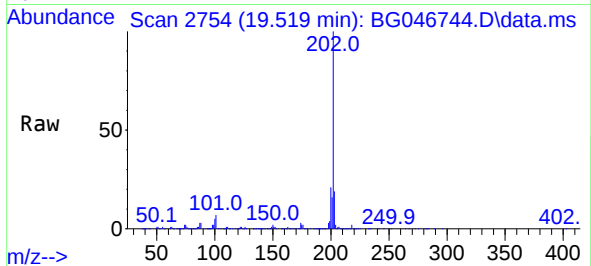
#77
Fluoranthene
Concen: 19.03 ng/ul
RT: 19.519 min Scan# 2754
Delta R.T. -0.005 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

Tgt Ion:	202	Resp:	528746
Ion Ratio	Lower	Upper	
202	100		
101	6.6	5.8	8.6
100	5.4	4.5	6.7

Instrument :
BNA_G
ClientSampled :
CB7K9

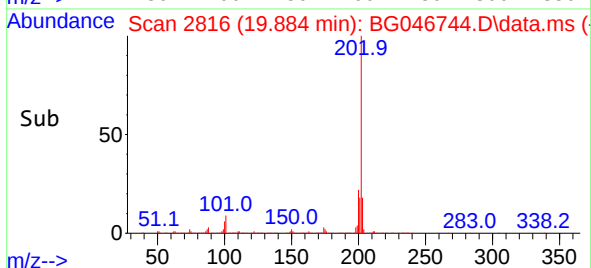
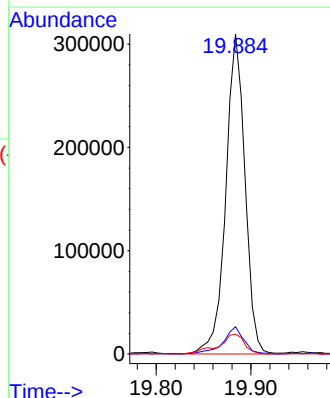
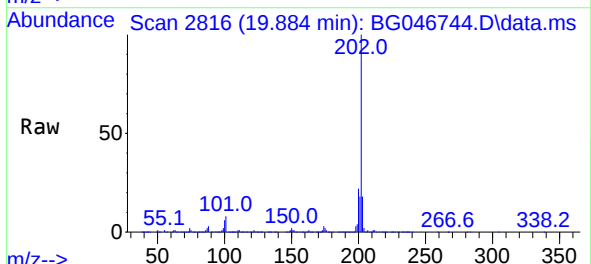
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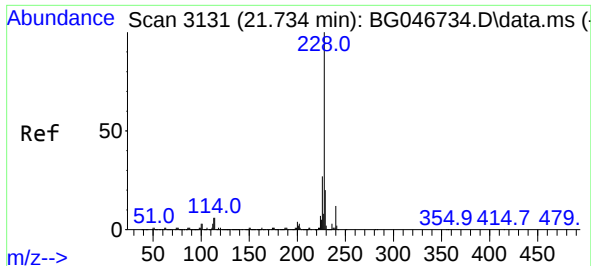
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#80
Pyrene
Concen: 13.85 ng/ul
RT: 19.884 min Scan# 2816
Delta R.T. -0.005 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

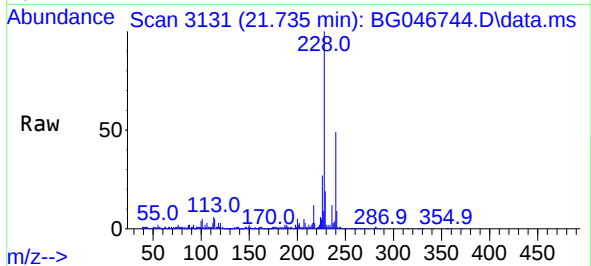
Tgt Ion:	202	Resp:	434846
Ion Ratio	Lower	Upper	
202	100		
101	8.5	7.0	10.4
100	6.2	6.0	9.0





#83
Benzo(a)anthracene
Concen: 8.92 ng/ul
RT: 21.735 min Scan# 3131
Delta R.T. 0.001 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

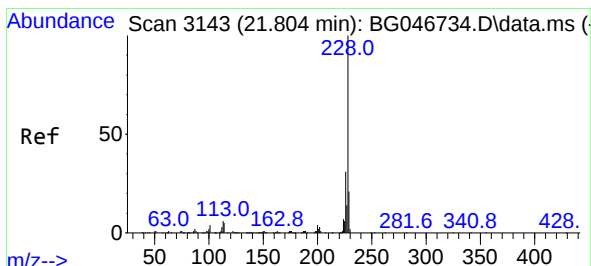
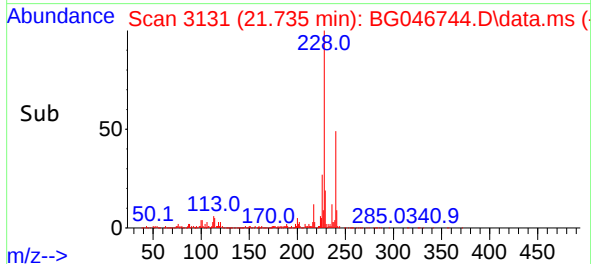
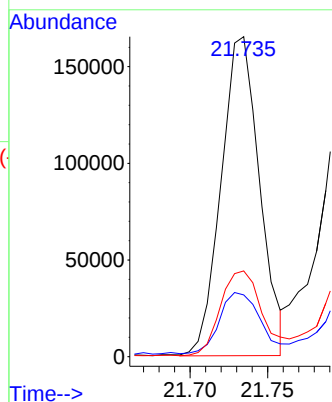
Instrument :
BNA_G
ClientSampled :
CB7K9



Tgt Ion:228 Resp: 284922
Ion Ratio Lower Upper
228 100
229 19.3 16.5 24.7
226 26.8 21.6 32.4

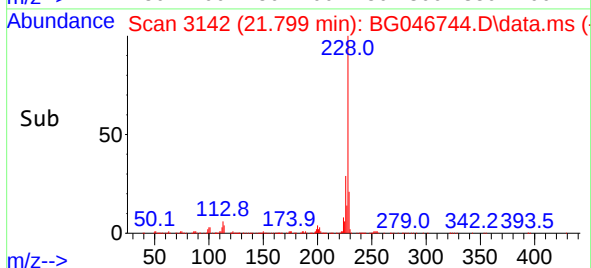
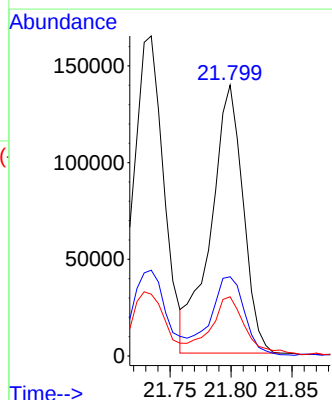
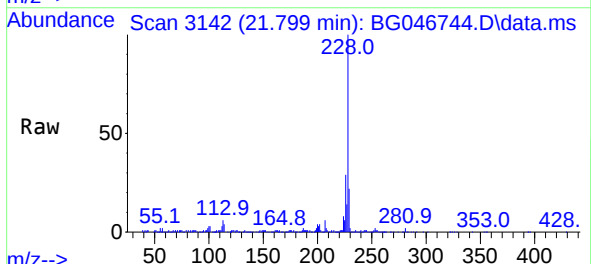
Manual Integrations
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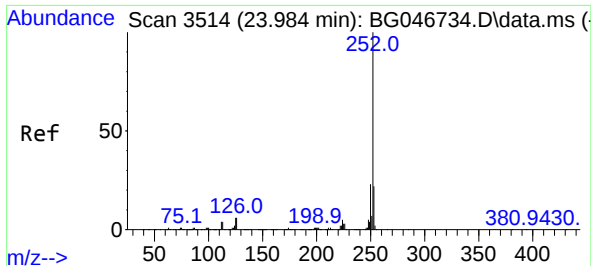
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#85
Chrysene
Concen: 8.24 ng/ul
RT: 21.799 min Scan# 3142
Delta R.T. -0.005 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

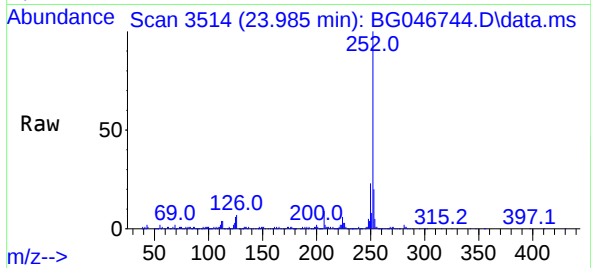
Tgt Ion:228 Resp: 255585
Ion Ratio Lower Upper
228 100
226 29.2 24.3 36.5
229 21.8 15.8 23.8





#88
Benzo(b)fluoranthene
Concen: 9.55 ng/ul
RT: 23.985 min Scan# 3514
Delta R.T. -0.005 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

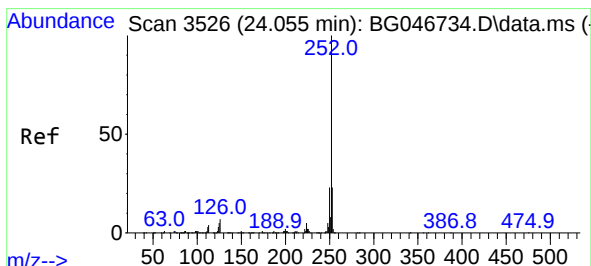
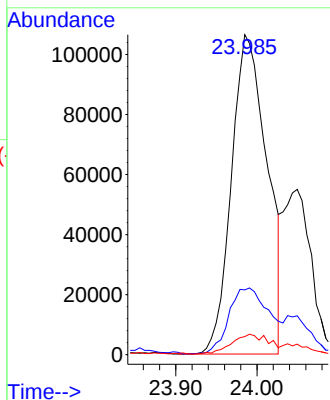
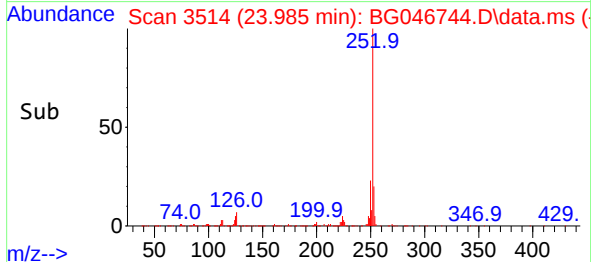
Instrument :
BNA_G
ClientSampled :
CB7K9



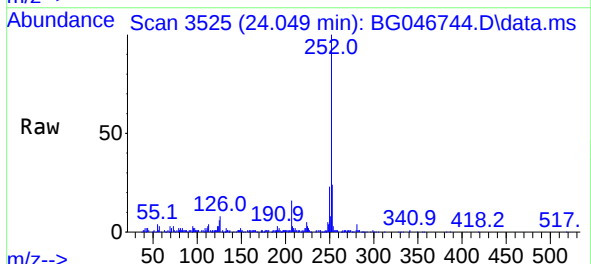
Tgt Ion:252 Resp: 323360
Ion Ratio Lower Upper
252 100
253 20.2 17.9 26.9
125 5.7 5.0 7.4

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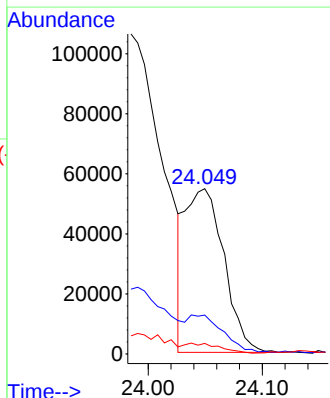
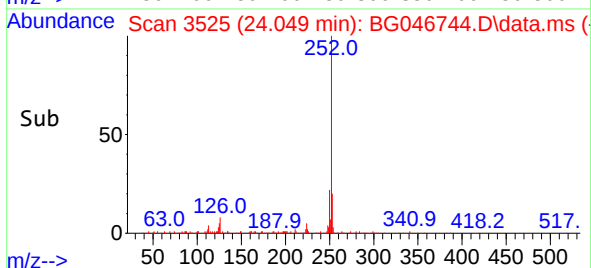
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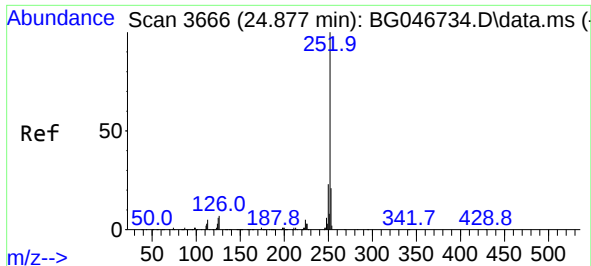


#89
Benzo(k)fluoranthene
Concen: 3.89 ng/ul m
RT: 24.049 min Scan# 3525
Delta R.T. -0.005 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42



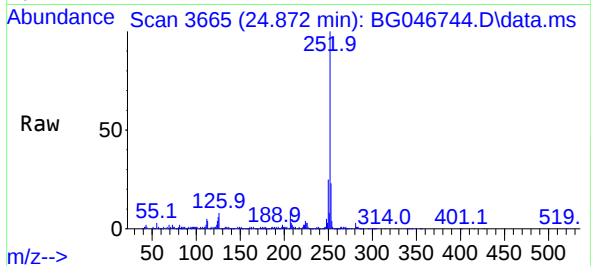
Tgt Ion:252 Resp: 128476
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 6.4 4.8 7.2





#91
Benzo(a)pyrene
Concen: 7.01 ng/ul
RT: 24.872 min Scan# 3665
Delta R.T. 0.001 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

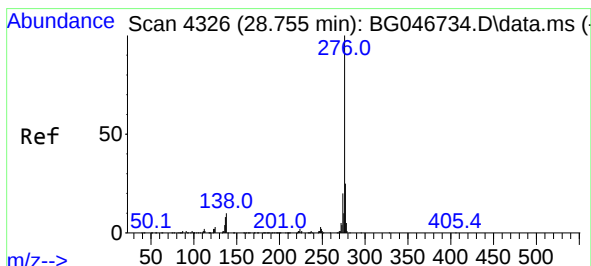
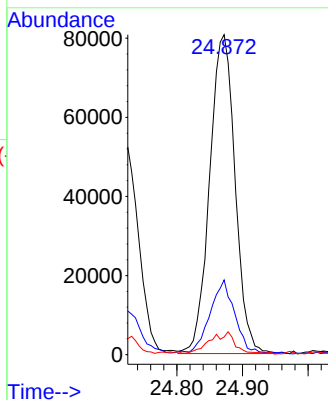
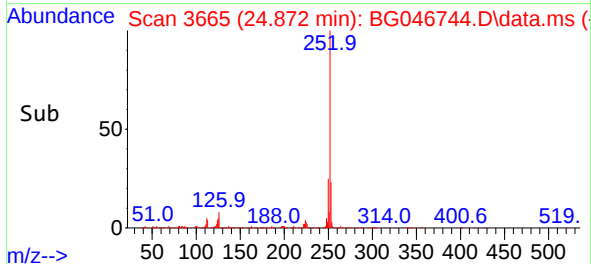
Instrument :
BNA_G
ClientSampled :
CB7K9



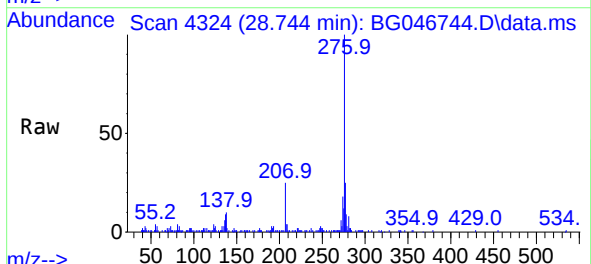
Tgt Ion:252 Resp: 216988
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 5.6 5.4 8.2

Manual Integrations
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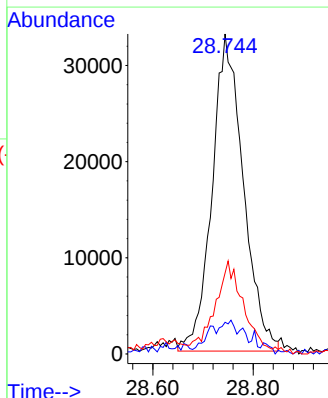
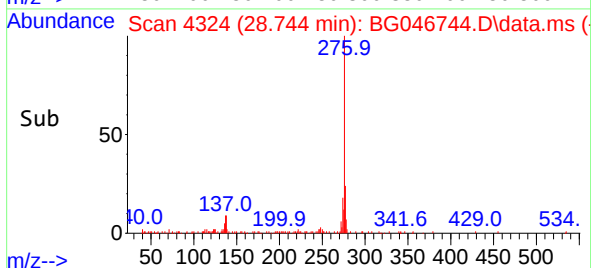
mohammad
10/5/2020 10:19:26 AM

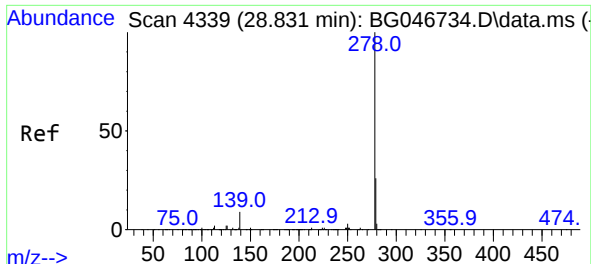


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.75 ng/ul
RT: 28.744 min Scan# 4324
Delta R.T. -0.017 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42



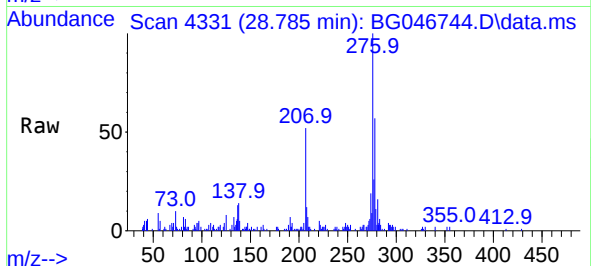
Tgt Ion:276 Resp: 142471
Ion Ratio Lower Upper
276 100
138 12.1 9.7 14.5
277 25.3 18.2 27.4





#93
Dibenzo(a,h)anthracene
Concen: 1.42 ng/ul m
RT: 28.785 min Scan# 4331
Delta R.T. -0.052 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42

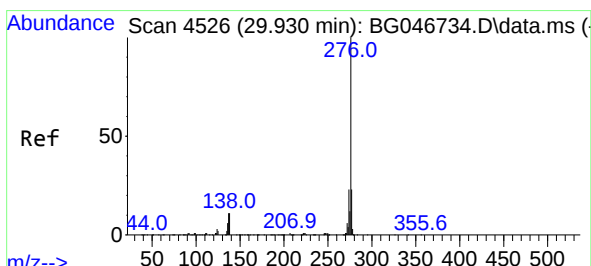
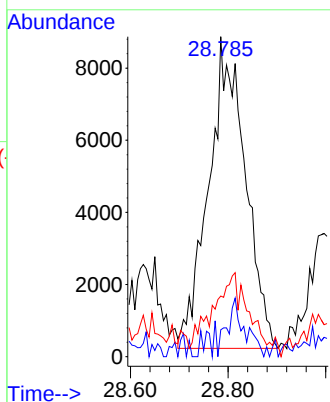
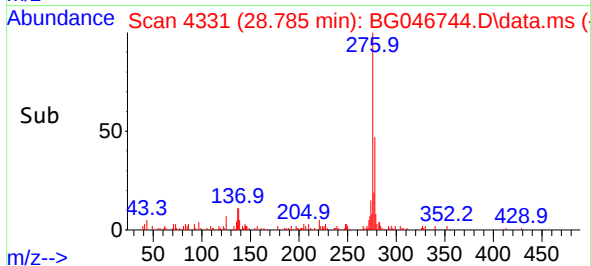
Instrument :
BNA_G
ClientSampleId :
CB7K9



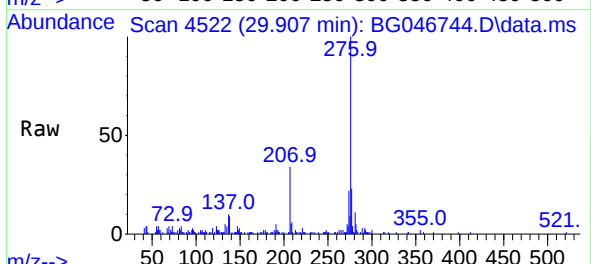
Tgt Ion:278 Resp: 44794
Ion Ratio Lower Upper
278 100
139 8.4 7.2 10.8
279 18.9 17.8 26.6

Manual Integrations
APPROVED

mohammad
10/5/2020 10:19:26 AM



#94
Benzo(g,h,i)perylene
Concen: 3.72 ng/ul
RT: 29.907 min Scan# 4522
Delta R.T. -0.022 min
Lab File: BG046744.D
Acq: 2 Oct 2020 19:42



Tgt Ion:276 Resp: 118308
Ion Ratio Lower Upper
276 100
138 9.4 10.2 15.4#
277 23.4 19.0 28.6

