

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046755.D
 Acq On : 3 Oct 2020 3:46
 Operator : CG/JU
 Sample : L4151-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7K8

Manual Integrations
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Quant Time: Oct 03 06:11:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 03 03:57:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	71121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.924	136	299120	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.731	164	214857	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.475	188	507569	20.00	ng/ul	0.00
78) Chrysene-d12	21.752	240	510874	20.00	ng/ul	0.00
86) Perylene-d12	25.025	264	535258	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.532	96	4879	3.37	ng/uL	0.00
5) Phenol-d5	7.252	99	101199	16.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.428	67	68619	18.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.639	132	78406	17.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.803	113	76691	16.11	ng/ul	0.00
19) Nitrobenzene-d5	9.273	128	43250	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.995	143	47346	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.530	165	88518	16.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.047	131	67161	10.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.132	166	316478	19.28	ng/ul	0.00
47) Acenaphthylene-d8	14.426	160	338744	17.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.901	143	46621	16.66	ng/ul	0.00
58) Fluorene-d10	15.724	176	270215	17.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.824	200	48574	19.15	ng/ul	0.00
71) Anthracene-d10	17.575	188	388649	16.69	ng/ul	0.00
79) Pyrene-d10	19.855	212	443491	16.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.796	264	452595	15.69	ng/ul	0.00
Target Compounds					Qvalue	
45) Dimethylphthalate	14.179	163	37361	2.25	ng/ul	98
70) Phenanthrene	17.516	178	284140	10.24	ng/ul	96
72) Anthracene	17.610	178	57985	2.06	ng/ul	96
75) Carbazole	17.874	167	27343	1.22	ng/ul	99
77) Fluoranthene	19.520	202	477569	14.49	ng/ul	100
80) Pyrene	19.884	202	391492	11.92	ng/ul#	97
83) Benzo(a)anthracene	21.729	228	265714	7.95	ng/ul	98
85) Chrysene	21.799	228	246281	7.60	ng/ul	98
88) Benzo(b)fluoranthene	23.985	252	320621	9.08	ng/ul	99
89) Benzo(k)fluoranthene	24.044	252	100001	2.91	ng/ul	98
91) Benzo(a)pyrene	24.866	252	203403	6.31	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.750	276	139593	3.53	ng/ul	99
93) Dibenzo(a,h)anthracene	28.797	278	42284m	1.29	ng/ul	
94) Benzo(g,h,i)perylene	29.919	276	108377m	3.27	ng/ul	

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

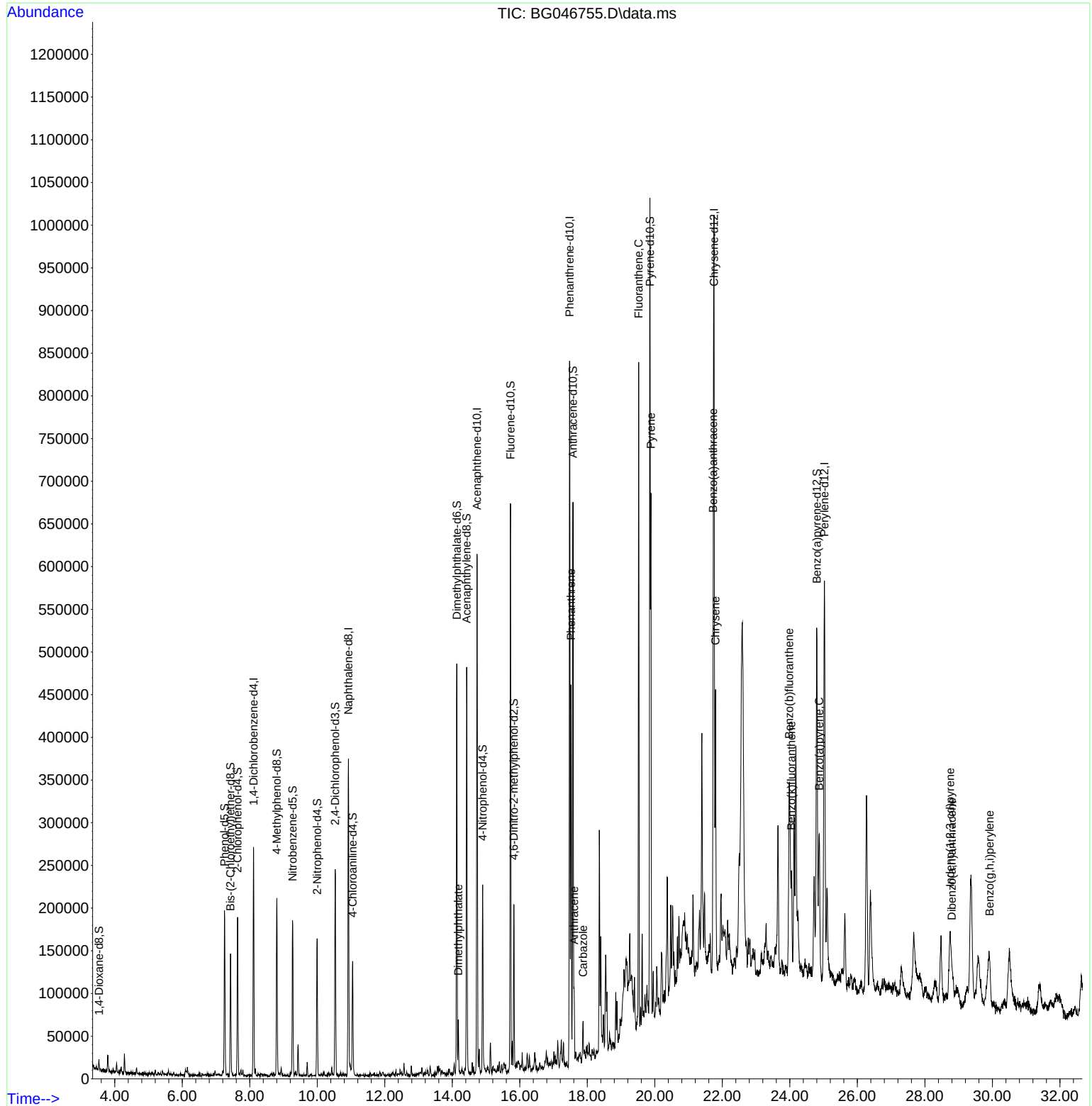
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046755.D
Acq On : 3 Oct 2020 3:46
Operator : CG/JU
Sample : L4151-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

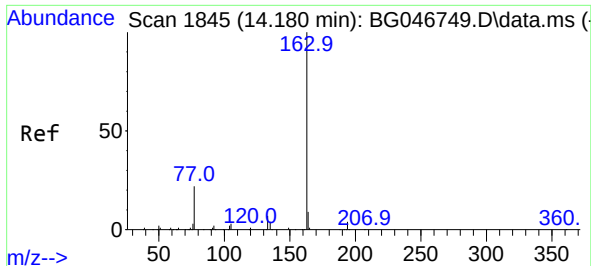
Instrument :
BNA_G
ClientSampleId :
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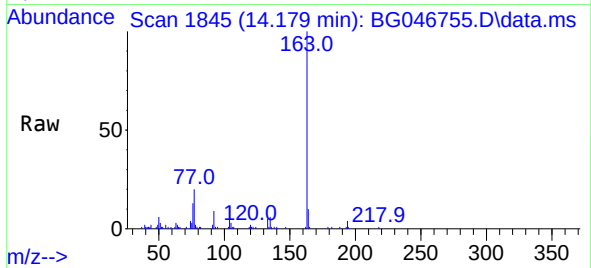
Quant Time: Oct 03 06:11:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 03:57:33 2020
Response via : Initial Calibration





#45
Dimethylphthalate
Concen: 2.25 ng/ul
RT: 14.179 min Scan# 1845
Delta R.T. -0.005 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46

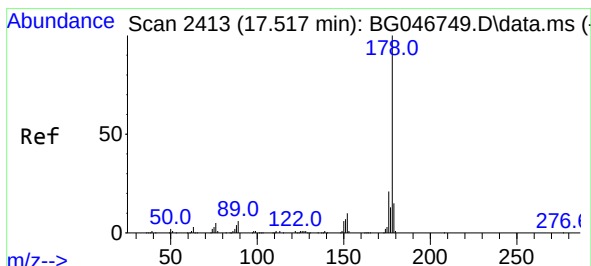
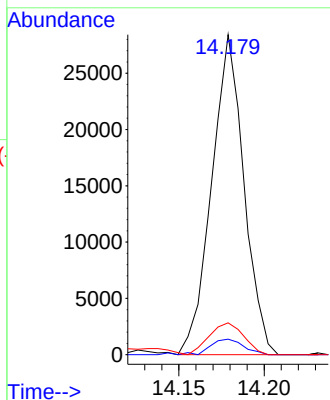
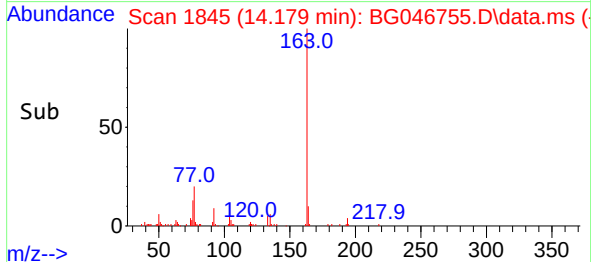
Instrument :
BNA_G
ClientSampleId :
CB7K8



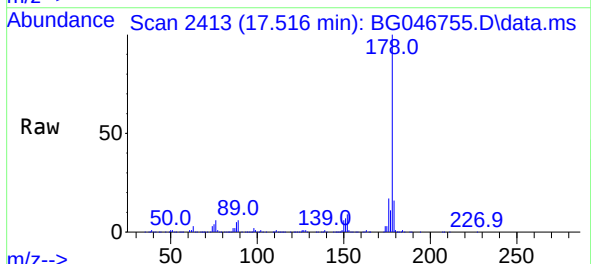
Tgt Ion:163 Resp: 37361
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 9.9 7.4 11.0

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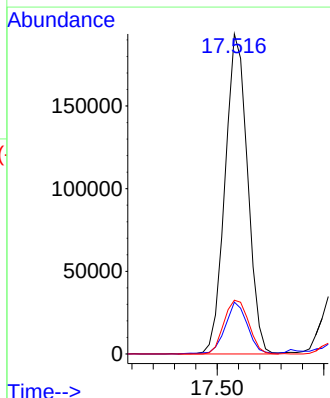
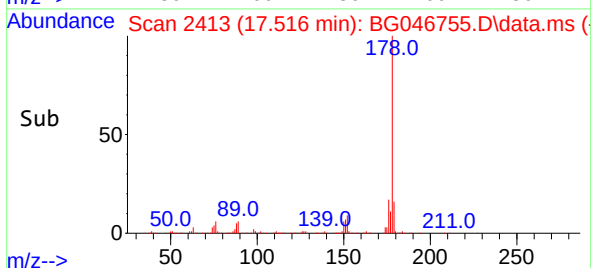
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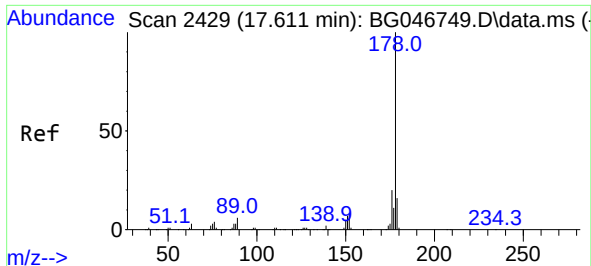


#70
Phenanthrene
Concen: 10.24 ng/ul
RT: 17.516 min Scan# 2413
Delta R.T. -0.005 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46

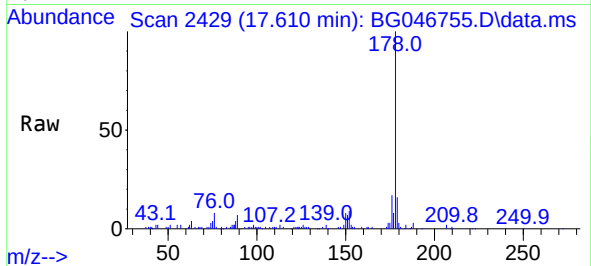


Tgt Ion:178 Resp: 284140
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 16.8 15.4 23.2

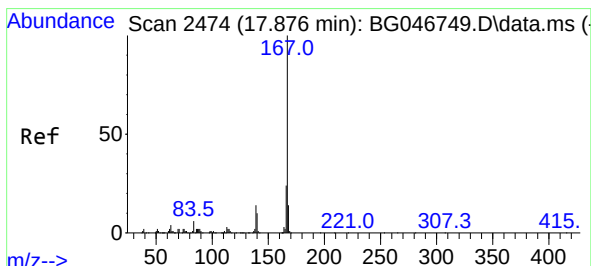
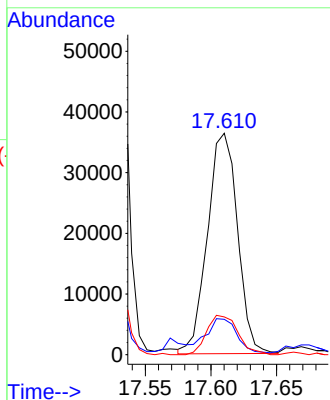
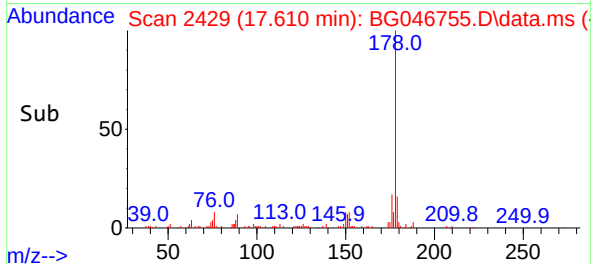




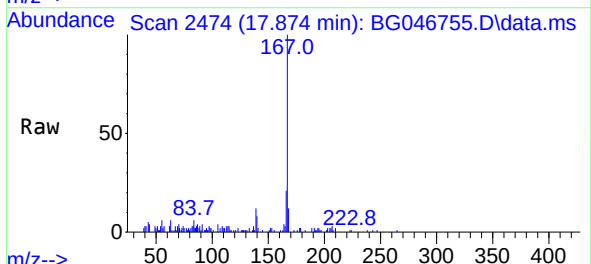
#72
 Anthracene
 Concen: 2.06 ng/ul
 RT: 17.610 min Scan# 2429
 Delta R.T. -0.005 min
 Lab File: BG046755.D
 Acq: 3 Oct 2020 3:46



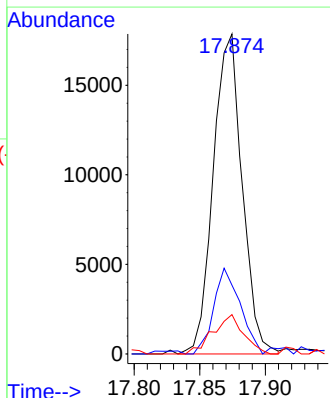
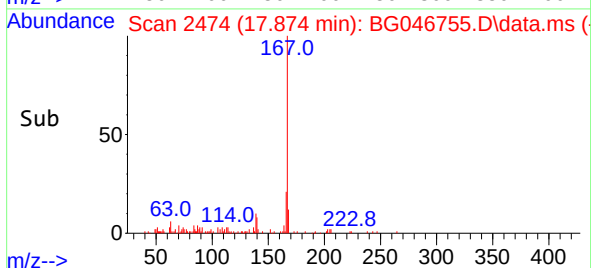
Tgt Ion:178 Resp: 57985
 Ion Ratio Lower Upper
 178 100
 179 16.0 11.9 17.9
 176 17.1 15.2 22.8



#75
 Carbazole
 Concen: 1.22 ng/ul
 RT: 17.874 min Scan# 2474
 Delta R.T. 0.001 min
 Lab File: BG046755.D
 Acq: 3 Oct 2020 3:46



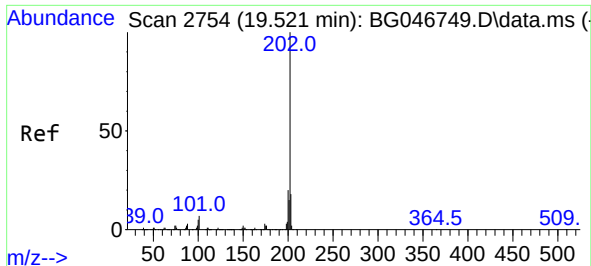
Tgt Ion:167 Resp: 27343
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 12.3 9.8 14.6



Instrument :
 BNA_G
 ClientSampled :
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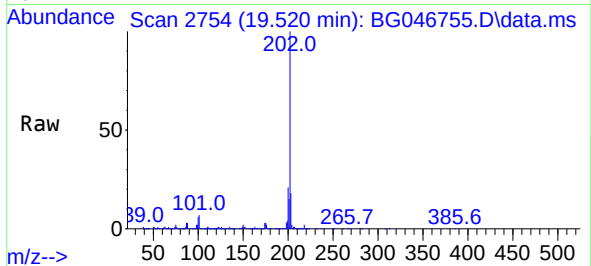
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#77
Fluoranthene
Concen: 14.49 ng/ul
RT: 19.520 min Scan# 2754
Delta R.T. -0.005 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46

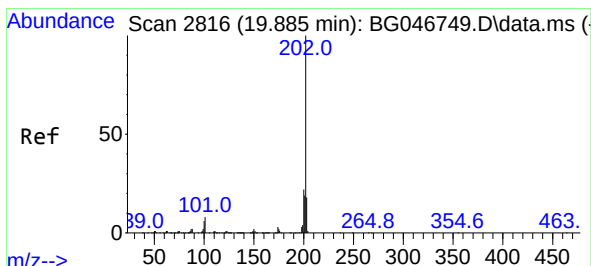
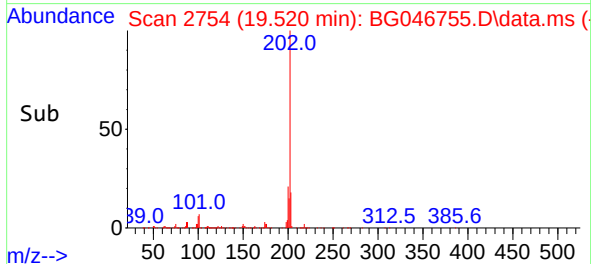
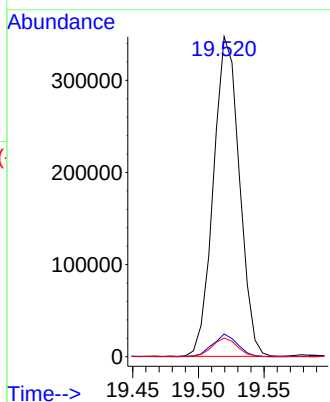
Instrument :
BNA_G
ClientSampled :
CB7K8



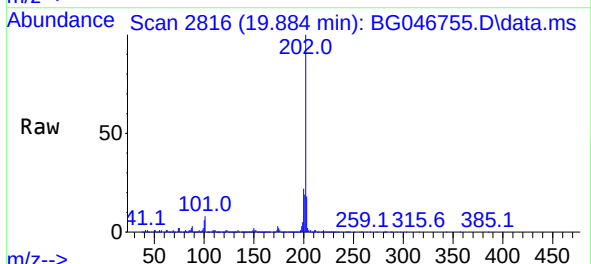
Tgt Ion:202 Resp: 477569
Ion Ratio Lower Upper
202 100
101 7.1 5.8 8.6
100 5.8 4.5 6.7

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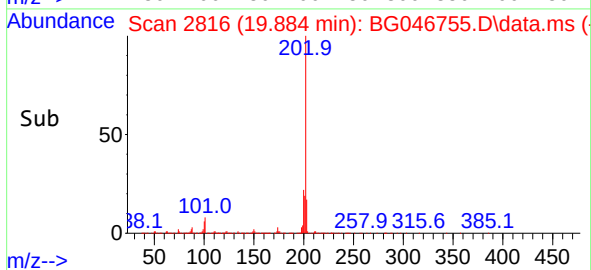
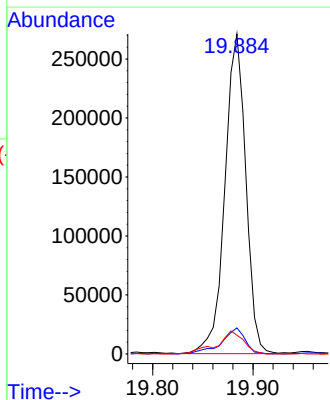
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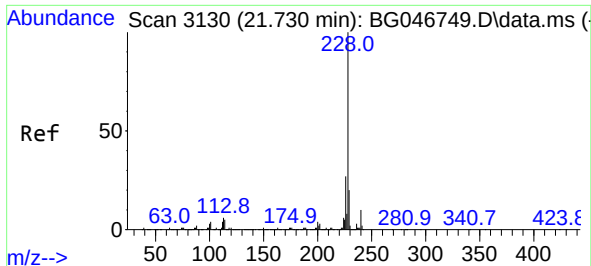


#80
Pyrene
Concen: 11.92 ng/ul
RT: 19.884 min Scan# 2816
Delta R.T. -0.005 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46



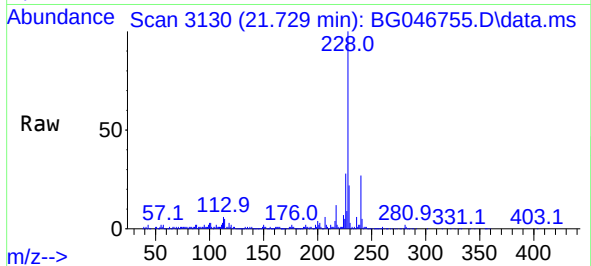
Tgt Ion:202 Resp: 391492
Ion Ratio Lower Upper
202 100
101 8.2 7.0 10.4
100 5.9 6.0 9.0#





#83
Benzo(a)anthracene
Concen: 7.95 ng/ul
RT: 21.729 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46

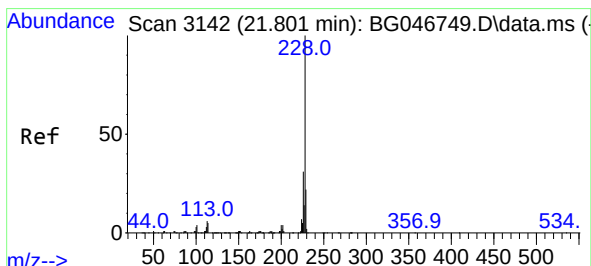
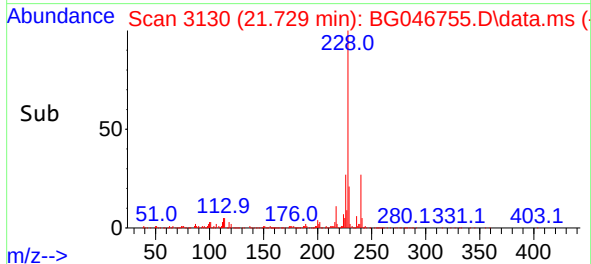
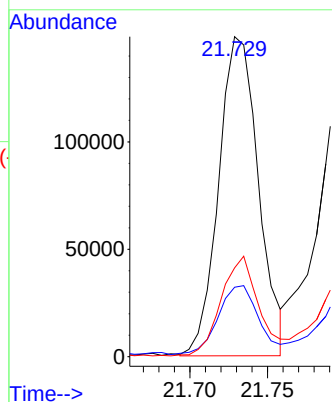
Instrument :
BNA_G
ClientSampled :
CB7K8



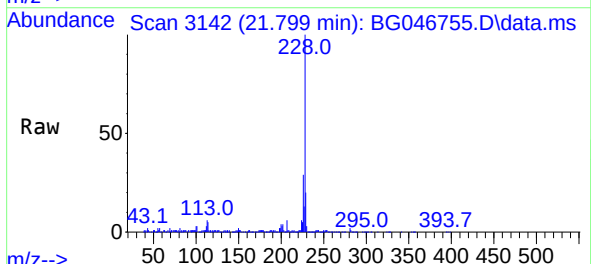
Tgt Ion:228 Resp: 265714
Ion Ratio Lower Upper
228 100
229 21.7 16.5 24.7
226 27.8 21.6 32.4

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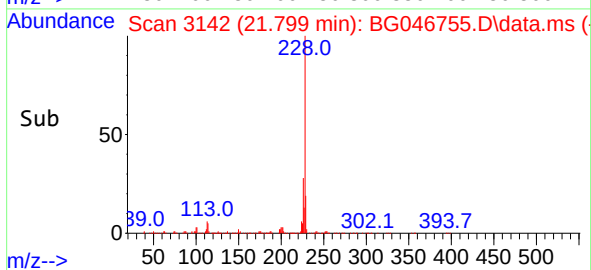
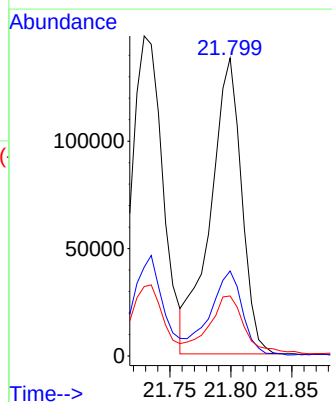
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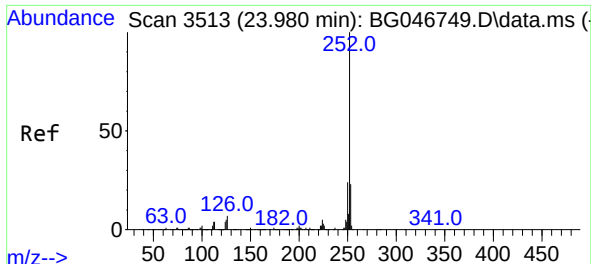


#85
Chrysene
Concen: 7.60 ng/ul
RT: 21.799 min Scan# 3142
Delta R.T. -0.005 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46



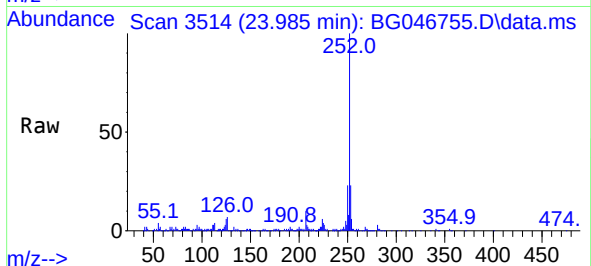
Tgt Ion:228 Resp: 246281
Ion Ratio Lower Upper
228 100
226 28.5 24.3 36.5
229 20.1 15.8 23.8





#88
Benzo(b)fluoranthene
Concen: 9.08 ng/ul
RT: 23.985 min Scan# 3514
Delta R.T. -0.005 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46

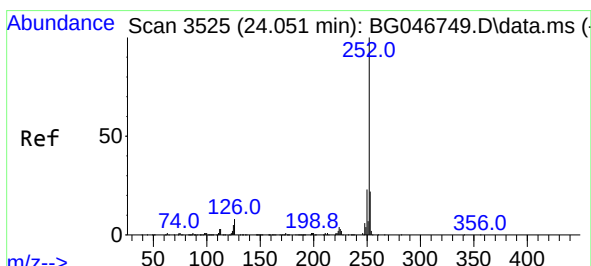
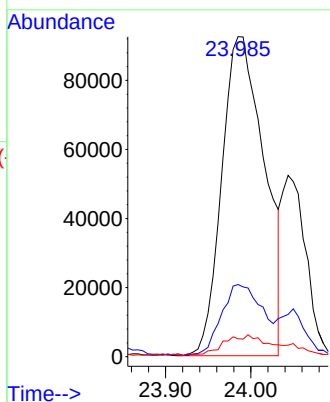
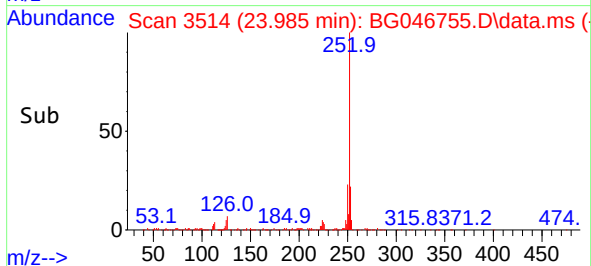
Instrument :
BNA_G
ClientSampled :
CB7K8



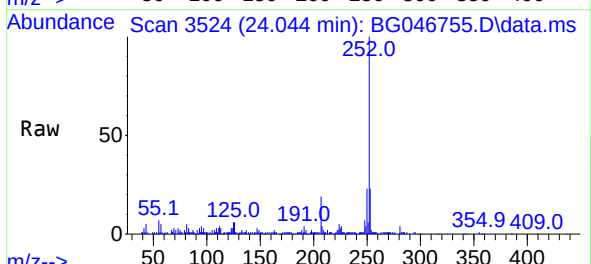
Tgt Ion:252 Resp: 320621
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 5.6 5.0 7.4

Manual Integrations
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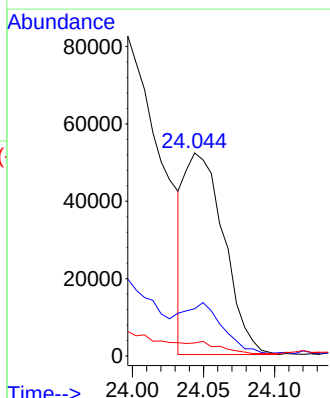
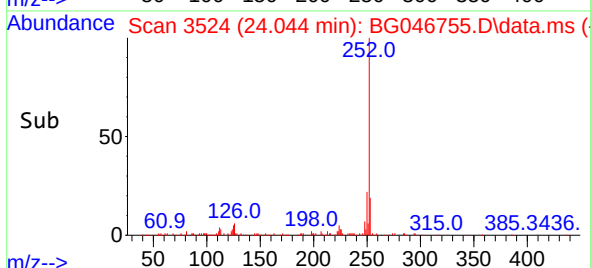
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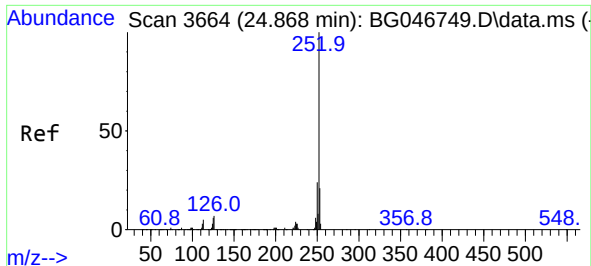


#89
Benzo(k)fluoranthene
Concen: 2.91 ng/ul
RT: 24.044 min Scan# 3524
Delta R.T. -0.011 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46

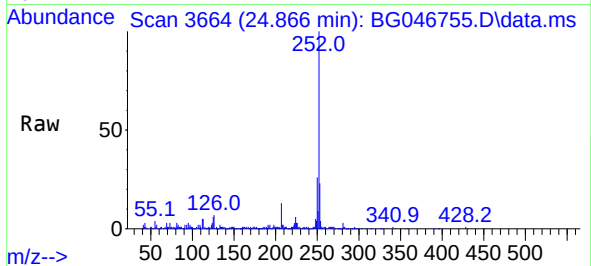


Tgt Ion:252 Resp: 100001
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 6.4 4.8 7.2

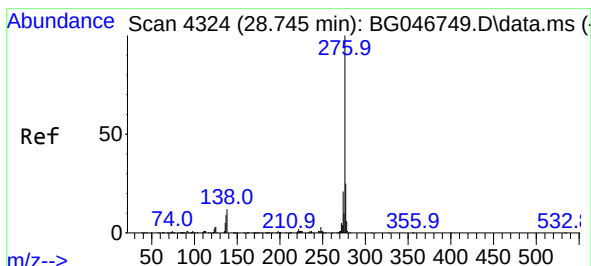
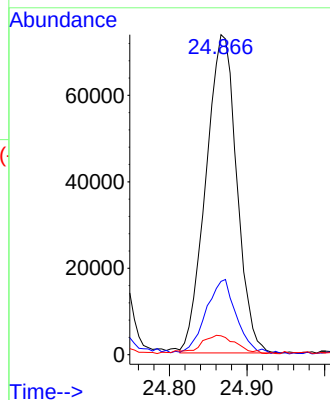
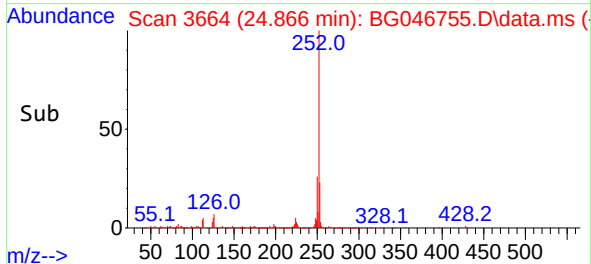




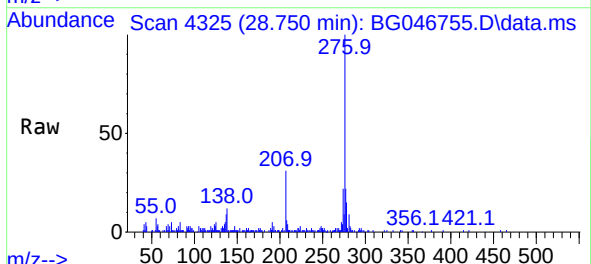
#91
Benzo(a)pyrene
Concen: 6.31 ng/u1
RT: 24.866 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46



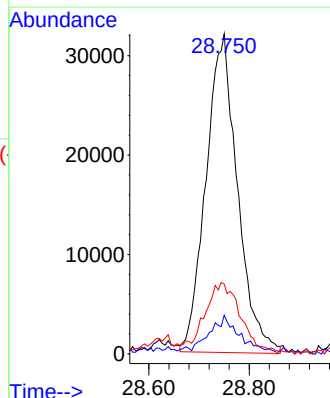
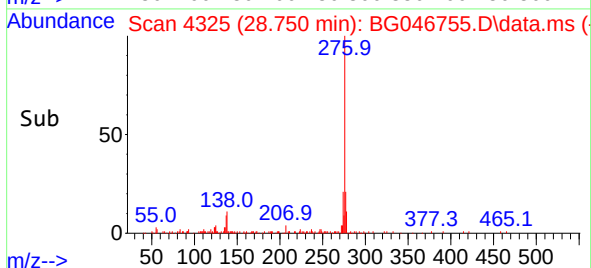
Tgt Ion:252 Resp: 203403
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 5.9 5.4 8.2



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.53 ng/u1
RT: 28.750 min Scan# 4325
Delta R.T. -0.011 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46



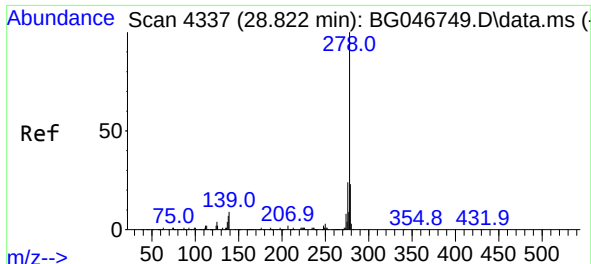
Tgt Ion:276 Resp: 139593
Ion Ratio Lower Upper
276 100
138 12.1 9.7 14.5
277 21.9 18.2 27.4



Instrument :
BNA_G
ClientSampleId :
CB7K8

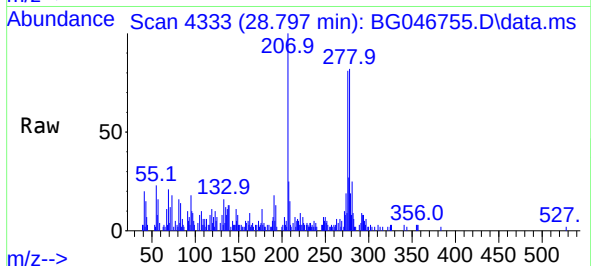
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#93
Dibenzo(a,h)anthracene
Concen: 1.29 ng/ul m
RT: 28.797 min Scan# 4333
Delta R.T. -0.040 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46

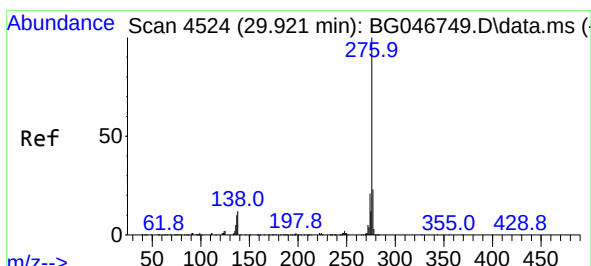
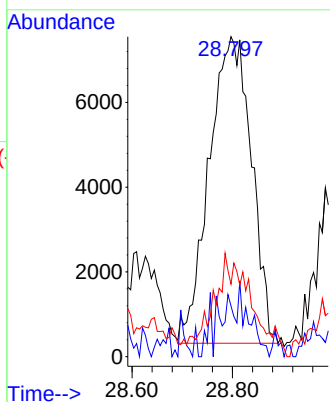
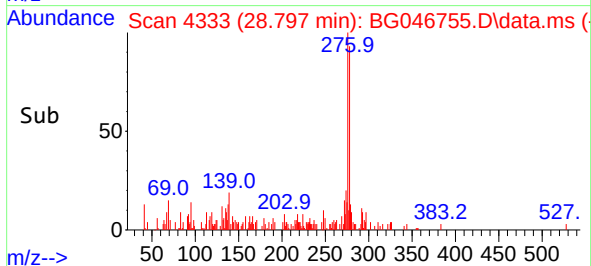
Instrument :
BNA_G
ClientSampled :
CB7K8



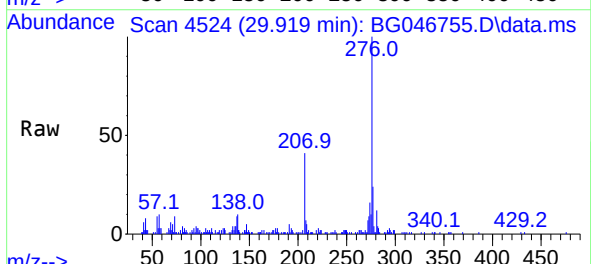
Tgt Ion:278 Resp: 42284
Ion Ratio Lower Upper
278 100
139 15.9 7.2 10.8#
279 22.6 17.8 26.6

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 3.27 ng/ul m
RT: 29.919 min Scan# 4524
Delta R.T. -0.011 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46



Tgt Ion:276 Resp: 108377
Ion Ratio Lower Upper
276 100
138 10.3 10.2 15.4
277 24.1 19.0 28.6

