

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046763.D
 Acq On : 3 Oct 2020 9:08
 Operator : CG/JU
 Sample : L4150-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7J5

Manual Integrations
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 10/5/2020 10:19:42 AM

Quant Time: Oct 05 00:07:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 10:06:22 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	69291	20.00	ng/ul	0.00
18) Naphthalene-d8	10.925	136	275843	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.732	164	202804	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.476	188	469807	20.00	ng/ul	0.00
78) Chrysene-d12	21.753	240	473611	20.00	ng/ul	0.00
86) Perylene-d12	25.020	264	481538	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.534	96	6770	4.80	ng/uL	0.00
5) Phenol-d5	7.253	99	138515	23.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.429	67	85398	23.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.640	132	103922	24.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.804	113	110591	23.84	ng/ul	0.00
19) Nitrobenzene-d5	9.268	128	54924	26.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.991	143	62326	29.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.531	165	124435	25.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.048	131	105409	17.97	ng/ul	0.00
44) Dimethylphthalate-d6	14.133	166	400948	25.87	ng/ul	0.00
47) Acenaphthylene-d8	14.427	160	445917	24.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.903	143	64451	24.40	ng/ul	0.00
58) Fluorene-d10	15.725	176	347281	24.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.825	200	56108	23.90	ng/ul	0.00
71) Anthracene-d10	17.576	188	486767	22.58	ng/ul	0.00
79) Pyrene-d10	19.856	212	604868	24.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.803	264	603553	23.25	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.927	105	11116	1.48	ng/ul	90
45) Dimethylphthalate	14.174	163	25362	1.62	ng/ul#	96
70) Phenanthrene	17.517	178	167816	6.53	ng/ul	99
72) Anthracene	17.611	178	30811	1.18	ng/ul	99
77) Fluoranthene	19.521	202	331465	10.87	ng/ul	100
80) Pyrene	19.885	202	277452	9.11	ng/ul	99
83) Benzo(a)anthracene	21.730	228	183436	5.92	ng/ul	100
85) Chrysene	21.794	228	166482	5.54	ng/ul	98
88) Benzo(b)fluoranthene	23.980	252	231413	7.28	ng/ul	99
89) Benzo(k)fluoranthene	24.051	252	79383m	2.56	ng/ul	
91) Benzo(a)pyrene	24.867	252	150709	5.19	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.751	276	108981	3.06	ng/ul	97
93) Dibenzo(a,h)anthracene	28.775	278	30771m	1.04	ng/ul	
94) Benzo(g,h,i)perylene	29.903	276	87680m	2.94	ng/ul	

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

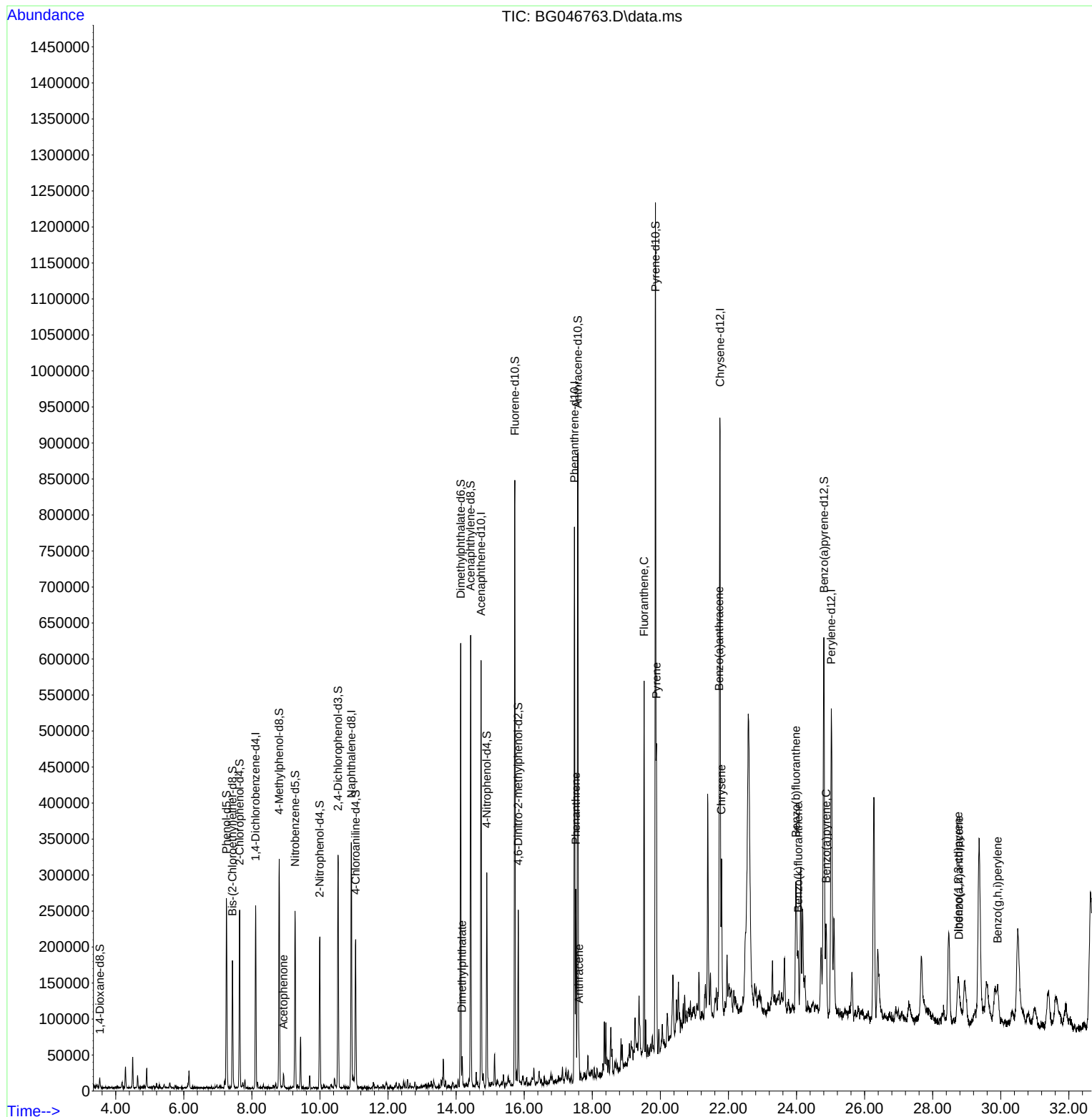
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046763.D
Acq On : 3 Oct 2020 9:08
Operator : CG/JU
Sample : L4150-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

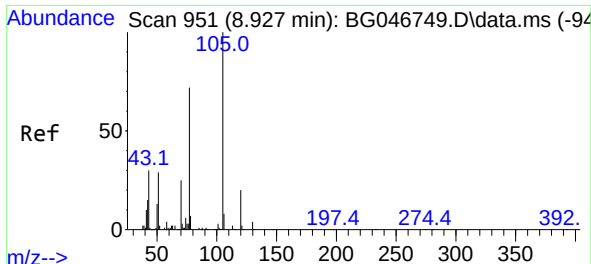
Instrument :
BNA_G
ClientSampled :
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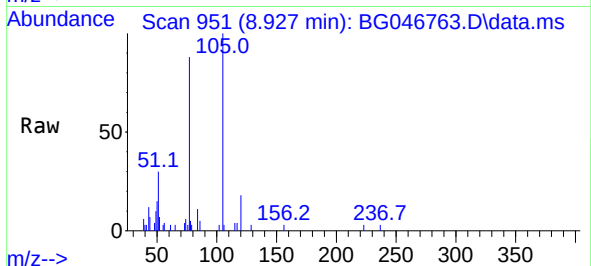
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Quant Time: Oct 05 00:07:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 10:06:22 2020
Response via : Initial Calibration

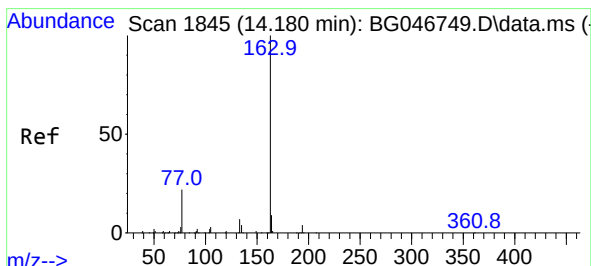
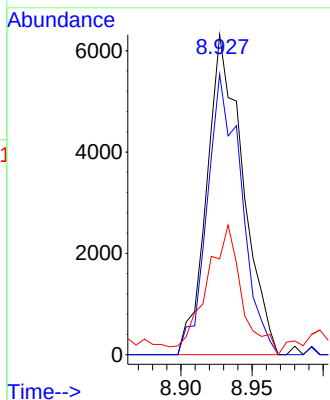
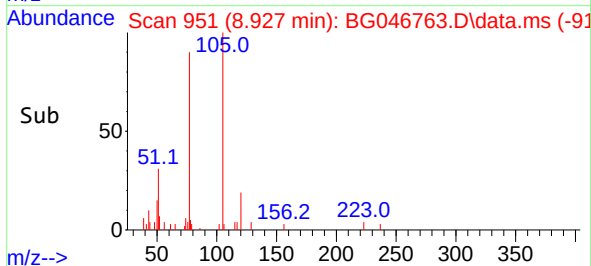




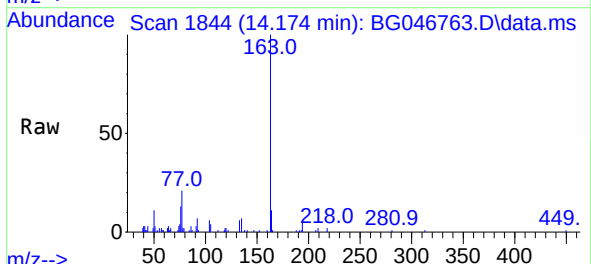
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Acetophenone
Concen: 1.48 ng/ul
RT: 8.927 min Scan# 951
Delta R.T. -0.004 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08



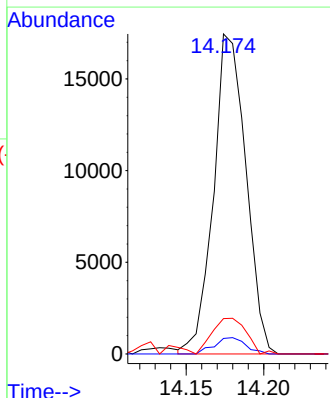
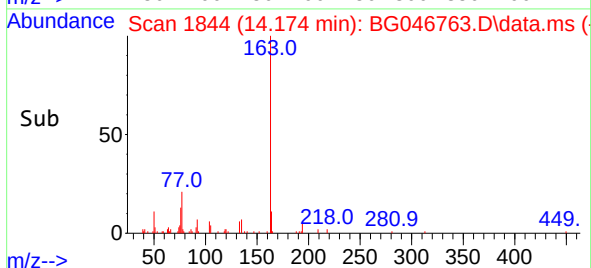
Tgt Ion:105 Resp: 11116
Ion Ratio Lower Upper
105 100
77 87.6 60.4 90.6
51 29.9 24.1 36.1



#45
Dimethylphthalate
Concen: 1.62 ng/ul
RT: 14.174 min Scan# 1844
Delta R.T. -0.009 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08



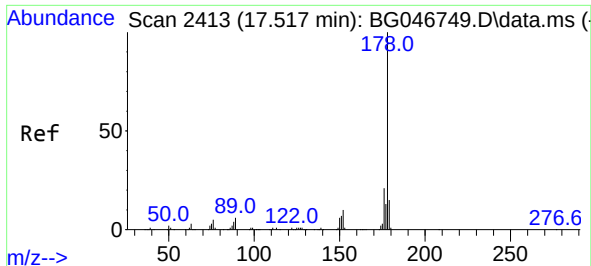
Tgt Ion:163 Resp: 25362
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 11.1 7.4 11.0#



Instrument :
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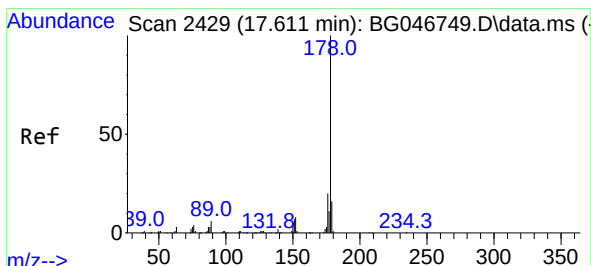
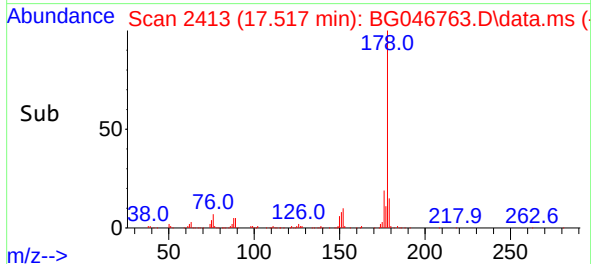
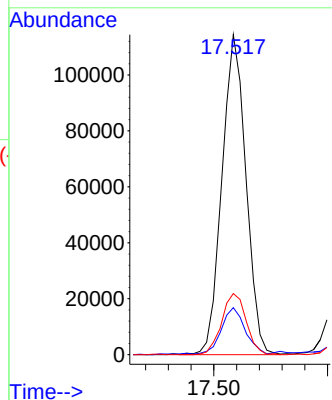
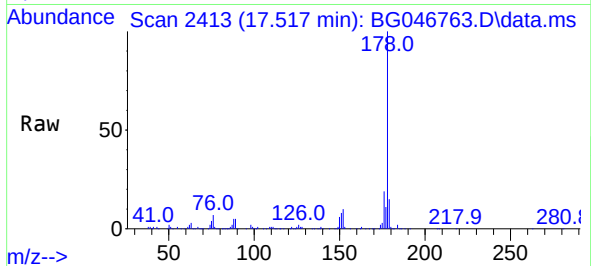
#70
Phenanthrene
Concen: 6.53 ng/ul
RT: 17.517 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08

Instrument :
BNA_G
ClientSampleId :
CB7J5

Tgt Ion:178 Resp: 167816
Ion Ratio Lower Upper
178 100
179 14.7 12.6 18.8
176 19.1 15.4 23.2

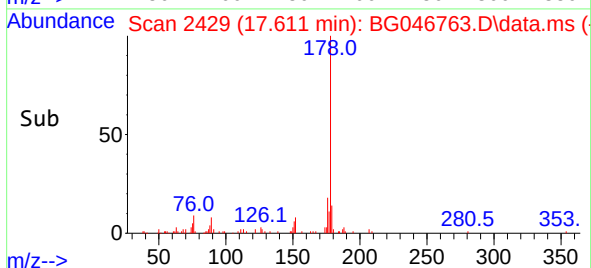
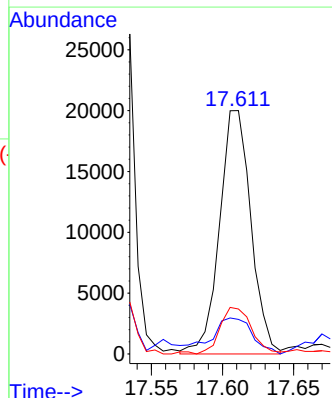
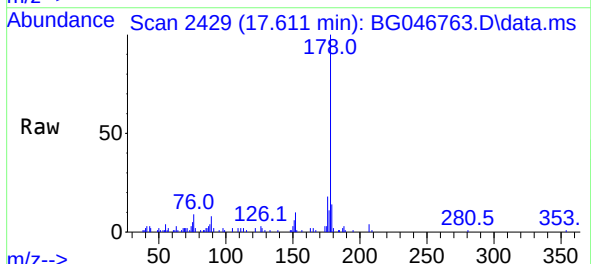
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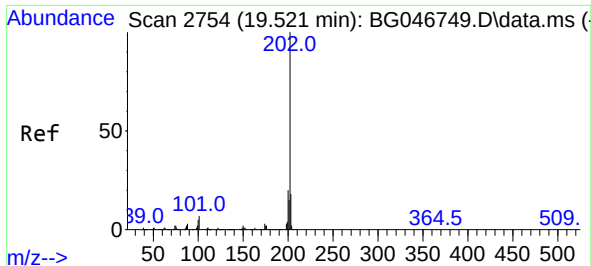
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#72
Anthracene
Concen: 1.18 ng/ul
RT: 17.611 min Scan# 2429
Delta R.T. -0.004 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08

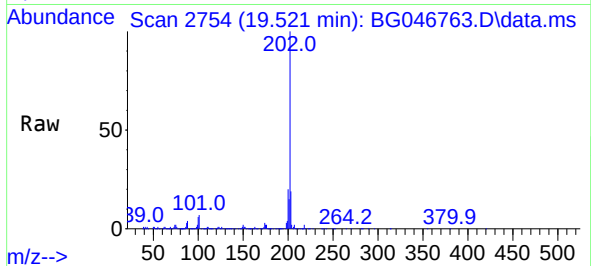
Tgt Ion:178 Resp: 30811
Ion Ratio Lower Upper
178 100
179 14.2 11.9 17.9
176 18.5 15.2 22.8





#77
Fluoranthene
Concen: 10.87 ng/ul
RT: 19.521 min Scan# 2754
Delta R.T. -0.004 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08

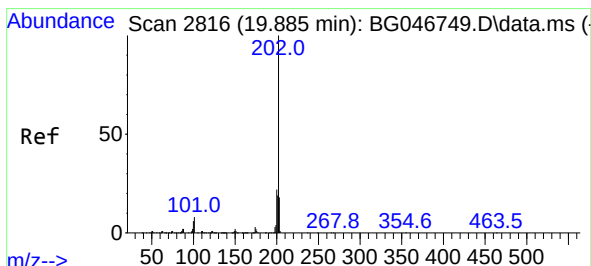
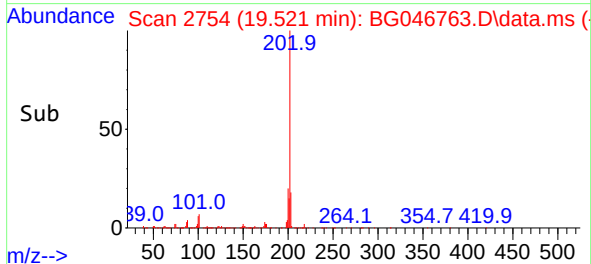
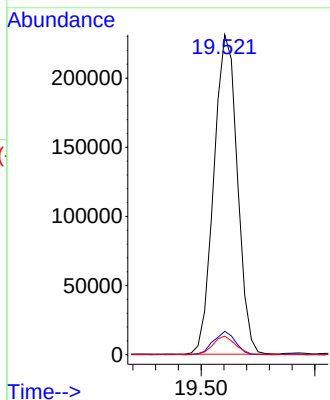
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ClientSampleId :
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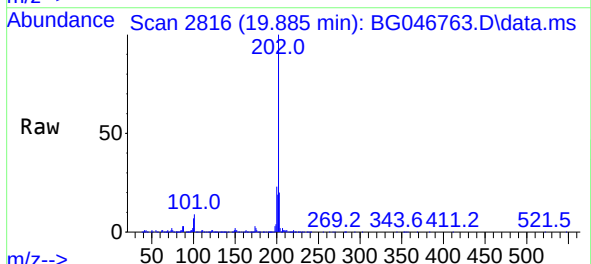
Tgt Ion:202 Resp: 331465
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.6
100 5.8 4.5 6.7

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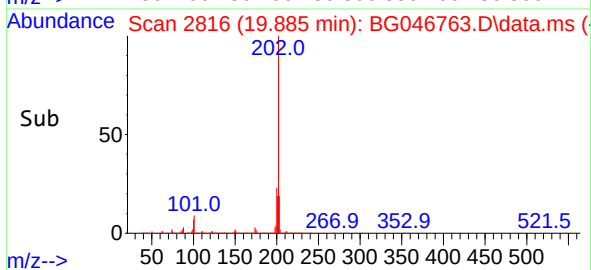
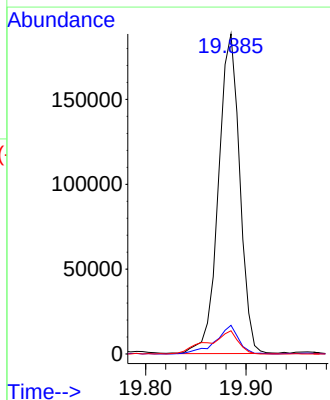
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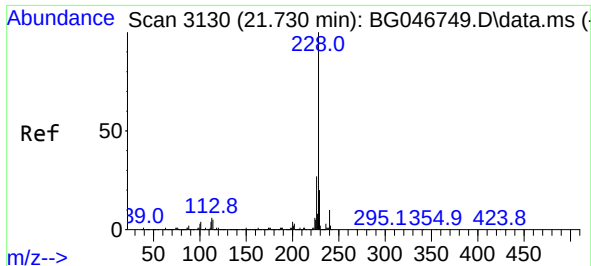


#80
Pyrene
Concen: 9.11 ng/ul
RT: 19.885 min Scan# 2816
Delta R.T. -0.004 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08



Tgt Ion:202 Resp: 277452
Ion Ratio Lower Upper
202 100
101 9.0 7.0 10.4
100 7.2 6.0 9.0





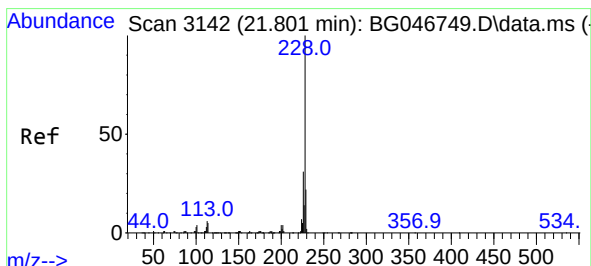
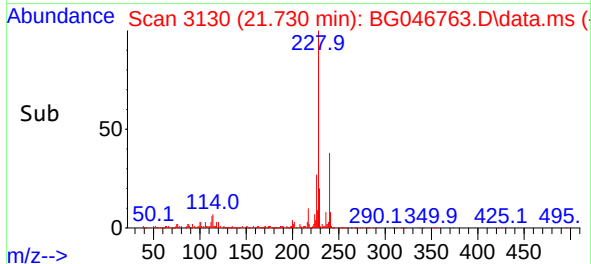
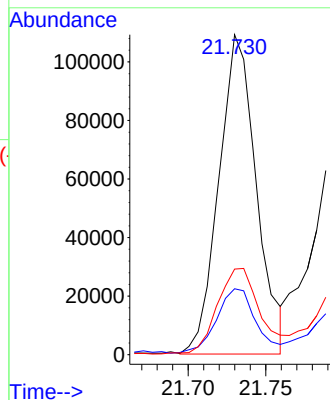
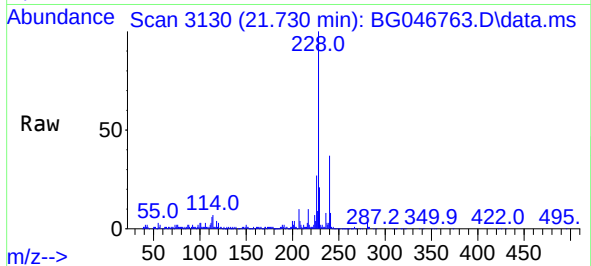
#83
Benzo(a)anthracene
Concen: 5.92 ng/ul
RT: 21.730 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08

Tgt Ion:228 Resp: 183436
Ion Ratio Lower Upper
228 100
229 20.6 16.5 24.7
226 26.7 21.6 32.4

Instrument :
BNA_G
ClientSampleId :
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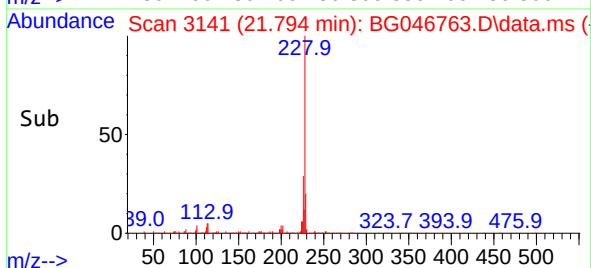
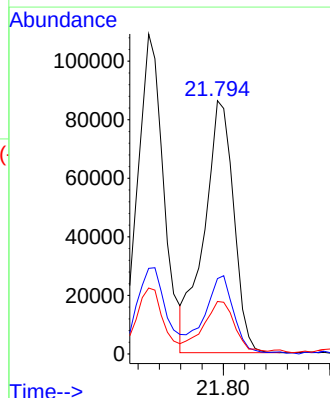
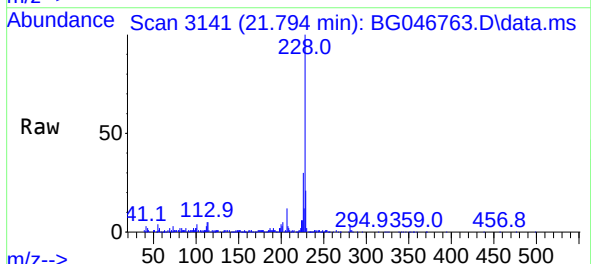
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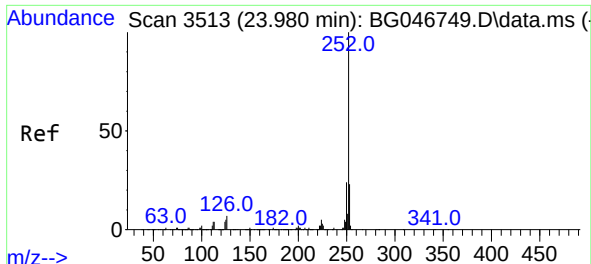
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#85
Chrysene
Concen: 5.54 ng/ul
RT: 21.794 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08

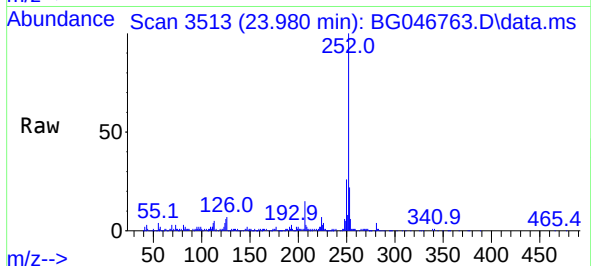
Tgt Ion:228 Resp: 166482
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 20.7 15.8 23.8





#88
Benzo(b)fluoranthene
Concen: 7.28 ng/ul
RT: 23.980 min Scan# 3513
Delta R.T. -0.009 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08

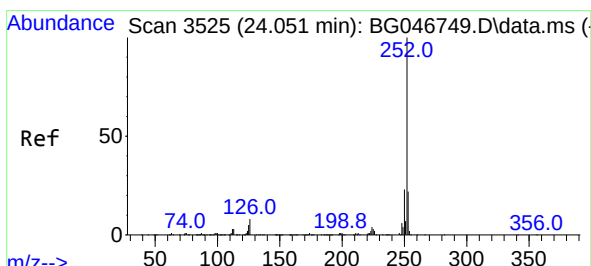
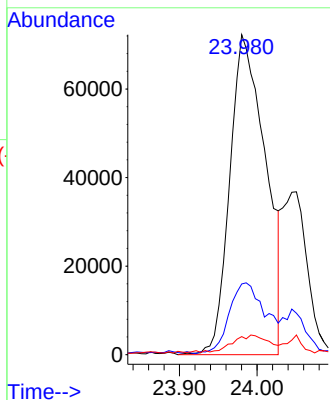
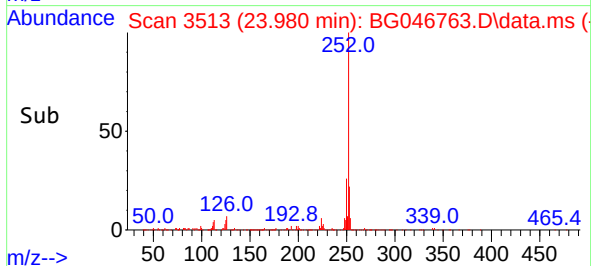
Instrument :
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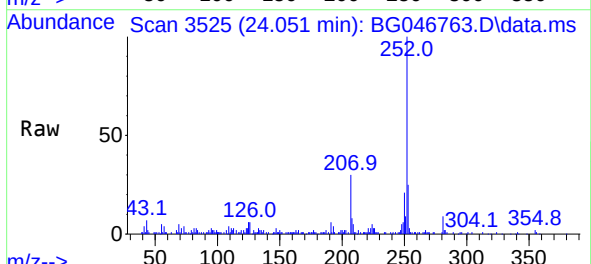
Tgt Ion:252 Resp: 231413
Ion Ratio Lower Upper
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253 22.1 17.9 26.9
125 5.6 5.0 7.4

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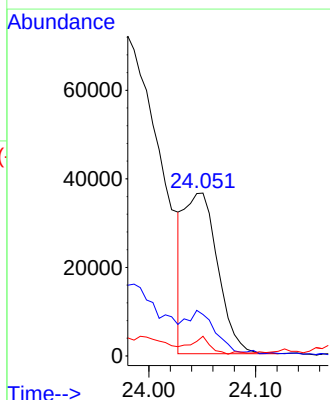
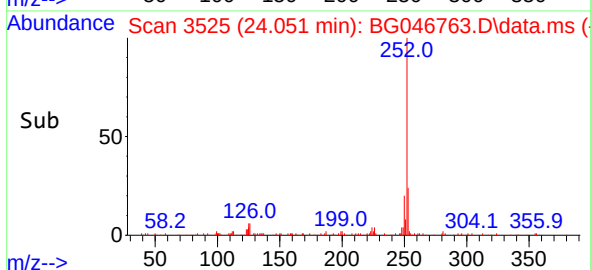
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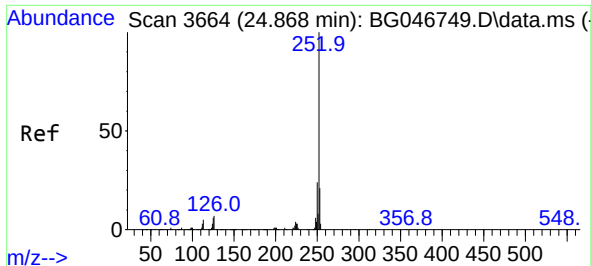


#89
Benzo(k)fluoranthene
Concen: 2.56 ng/ul m
RT: 24.051 min Scan# 3525
Delta R.T. -0.004 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08



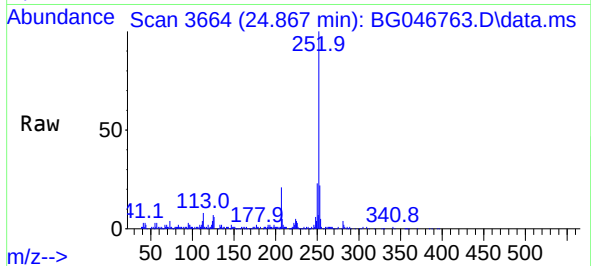
Tgt Ion:252 Resp: 79383
Ion Ratio Lower Upper
252 100
253 25.5 17.7 26.5
125 6.1 4.8 7.2





#91
Benzo(a)pyrene
Concen: 5.19 ng/u1
RT: 24.867 min Scan# 3664
Delta R.T. -0.004 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08

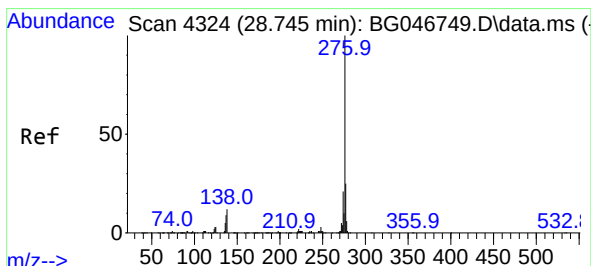
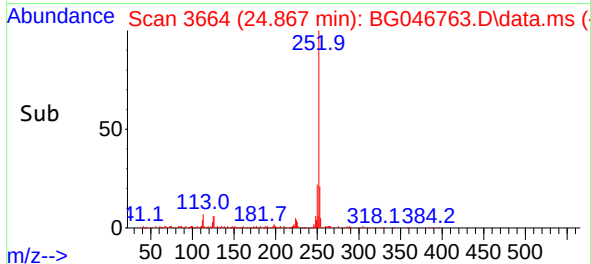
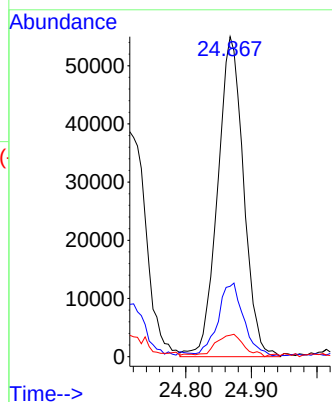
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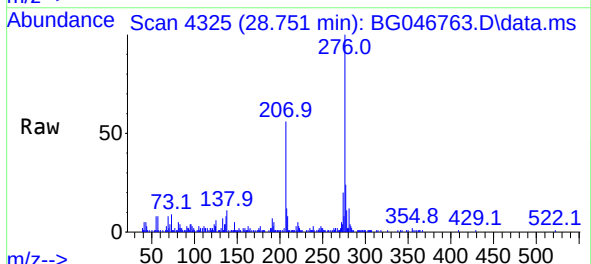
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Ion Ratio Lower Upper
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253 22.0 17.6 26.4
125 6.7 5.4 8.2

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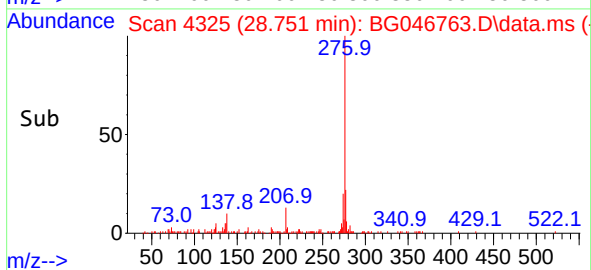
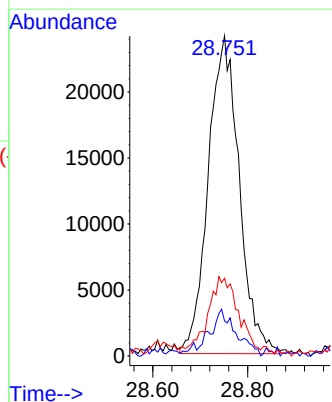
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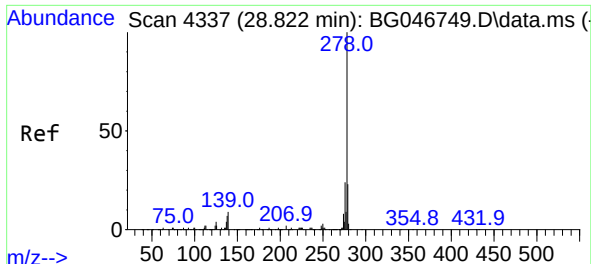


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.06 ng/u1
RT: 28.751 min Scan# 4325
Delta R.T. -0.009 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08



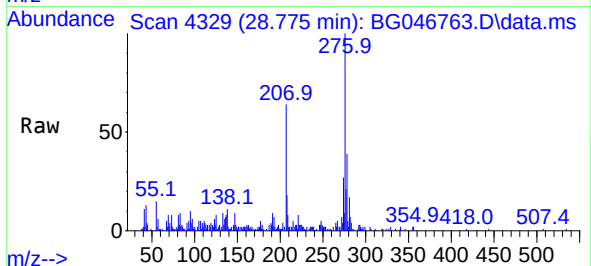
Tgt Ion:276 Resp: 108981
Ion Ratio Lower Upper
276 100
138 10.9 9.7 14.5
277 24.3 18.2 27.4





#93
Dibenzo(a,h)anthracene
Concen: 1.04 ng/ul m
RT: 28.775 min Scan# 4329
Delta R.T. -0.062 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08

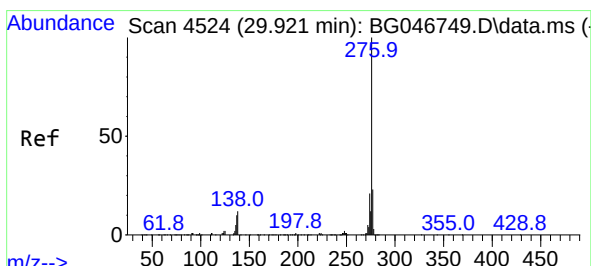
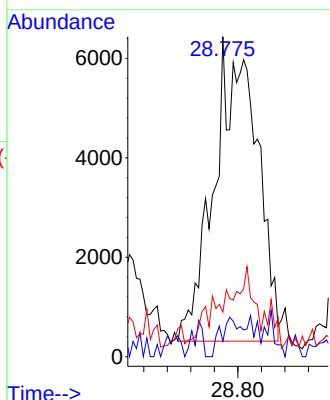
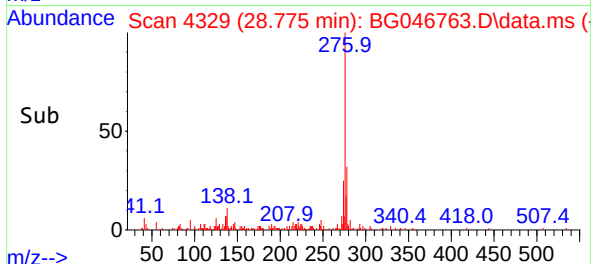
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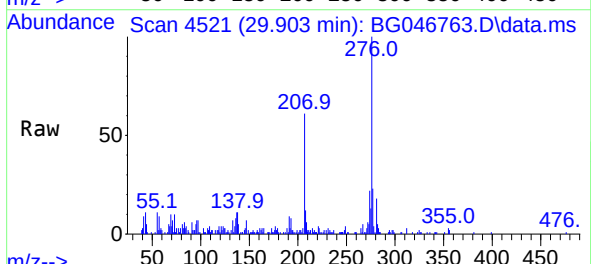
Tgt Ion:278 Resp: 30771
Ion Ratio Lower Upper
278 100
139 4.8 7.2 10.8#
279 14.0 17.8 26.6#

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 2.94 ng/ul m
RT: 29.903 min Scan# 4521
Delta R.T. -0.027 min
Lab File: BG046763.D
Acq: 3 Oct 2020 9:08



Tgt Ion:276 Resp: 87680
Ion Ratio Lower Upper
276 100
138 10.9 10.2 15.4
277 23.0 19.0 28.6

