

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049234.D
 Acq On : 9 Jul 2021 12:31
 Operator : CG/JU
 Sample : M2878-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGE03

Manual Integrations
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Quant Time: Jul 09 13:06:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	33429	20.000	ng/ul	0.00
20) Naphthalene-d8	10.894	136	134546	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.719	164	99152	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	218725	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.757	240	217749	20.000	ng/ul	0.00
88) Perylene-d12	25.060	264	229857	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	1691	2.379	ng/uL	0.00
4) Pyridine-d5	3.896	84	14129	6.761	ng/ul	0.00
7) Phenol-d5	7.222	99	36881	12.683	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	24699	14.645	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	29876	13.901	ng/ul	0.00
15) 4-Methylphenol-d8	8.773	113	31111	13.353	ng/ul	0.00
21) Nitrobenzene-d5	9.243	128	15425	14.940	ng/ul	0.00
24) 2-Nitrophenol-d4	9.971	143	17756	14.981	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.512	165	31588	13.659	ng/ul	0.00
31) 4-Chloroaniline-d4	11.029	131	33976	11.274	ng/ul	0.00
46) Dimethylphthalate-d6	14.119	166	119285	15.643	ng/ul	0.00
49) Acenaphthylene-d8	14.413	160	132244	14.781	ng/ul	0.00
54) 4-Nitrophenol-d4	14.907	143	13232	10.484	ng/ul	0.00
60) Fluorene-d10	15.712	176	101911	15.785	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.823	200	18767	13.499	ng/ul	0.00
73) Anthracene-d10	17.568	188	158746	15.941	ng/ul	0.00
81) Pyrene-d10	19.854	212	156197	13.996	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.824	264	124604	10.428	ng/ul	0.00
Target Compounds						
					Qvalue	
61) Fluorene	15.765	166	7244	1.045	ng/ul#	92
72) Phenanthrene	17.510	178	163230	15.300	ng/ul	98
74) Anthracene	17.604	178	79563	7.301	ng/ul	99
80) Fluoranthene	19.525	202	449481	34.629	ng/ul	99
82) Pyrene	19.883	202	283464	21.918	ng/ul	98
85) Benzo(a)anthracene	21.740	228	244593	18.278	ng/ul	95
87) Chrysene	21.805	228	185480	14.653	ng/ul	98
90) Benzo(b)fluoranthene	24.014	252	204026	14.388	ng/ul	98
91) Benzo(k)fluoranthene	24.067	252	100682m	7.282	ng/ul	
93) Benzo(a)pyrene	24.895	252	99458	7.970	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.820	276	73816	4.585	ng/ul#	90
95) Dibenzo(a,h)anthracene	28.873	278	29878m	2.240	ng/ul	

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

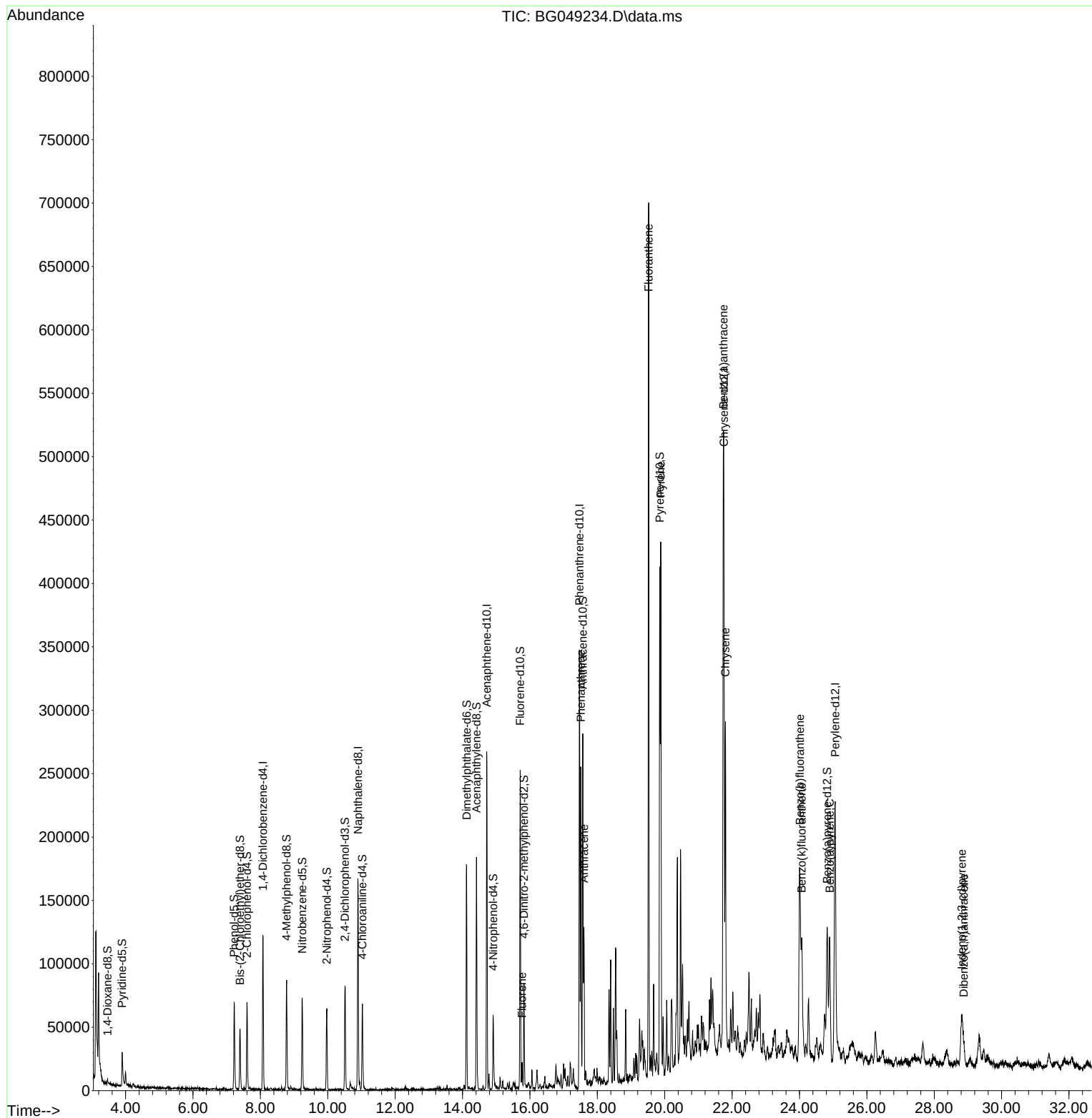
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049234.D
Acq On : 9 Jul 2021 12:31
Operator : CG/JU
Sample : M2878-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

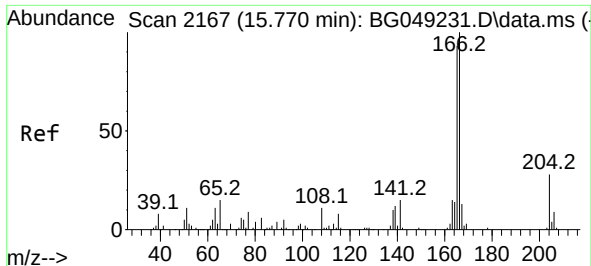
Instrument :
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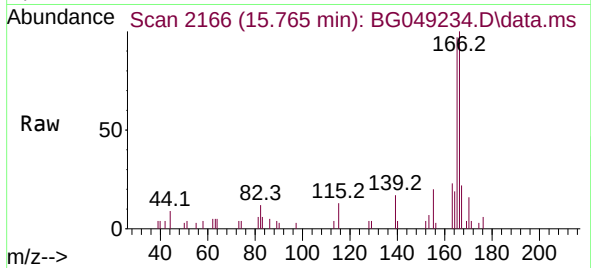
Quant Time: Jul 09 13:06:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration





#61
Fluorene
Concen: 1.045 ng/ul
RT: 15.765 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG049234.D
Acq: 9 Jul 2021 12:31

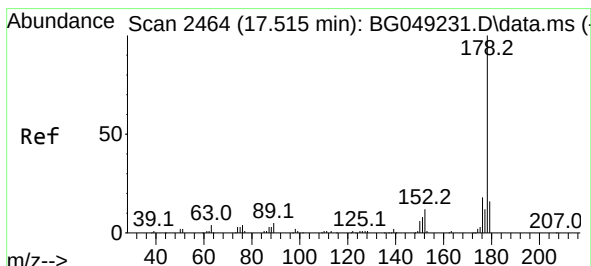
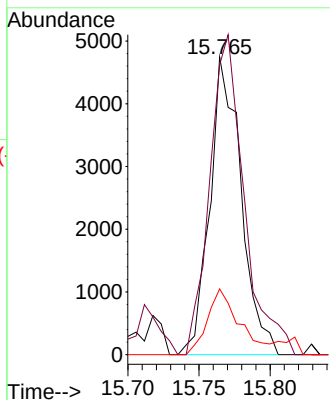
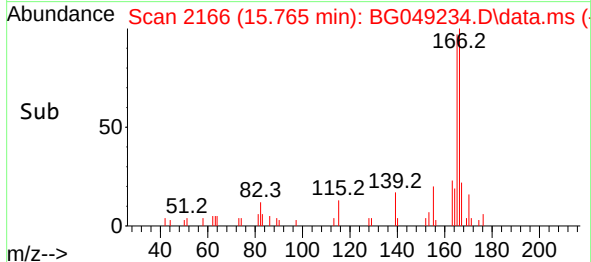
Instrument :
BNA_G
ClientSampleId :
BGE03



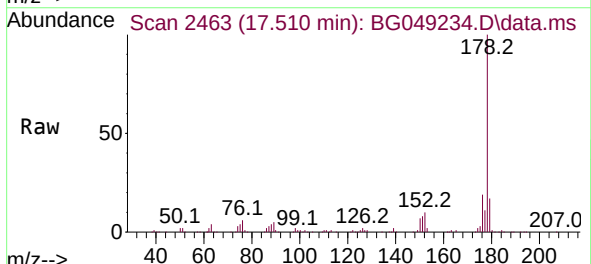
Tgt Ion:166 Resp: 7244
Ion Ratio Lower Upper
166 100
165 97.3 73.5 110.3
167 22.1 9.6 14.4#

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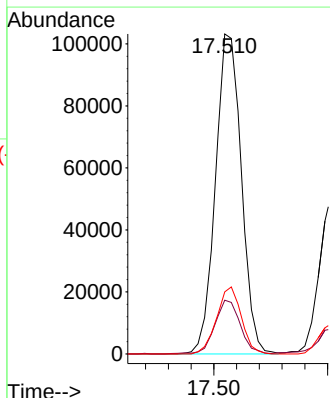
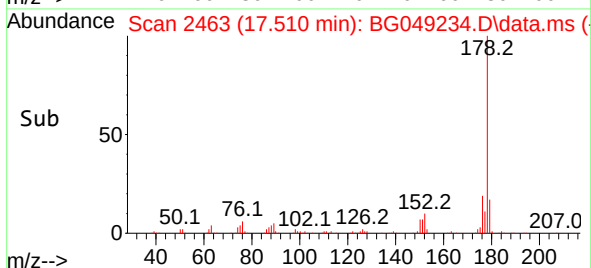
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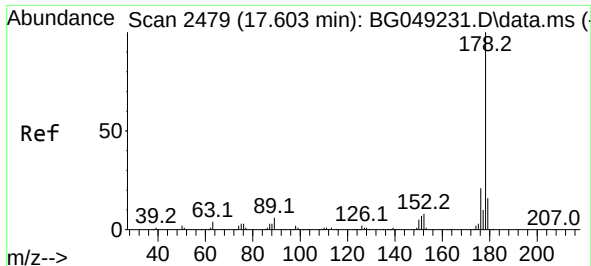


#72
Phenanthrene
Concen: 15.300 ng/ul
RT: 17.510 min Scan# 2463
Delta R.T. -0.003 min
Lab File: BG049234.D
Acq: 9 Jul 2021 12:31



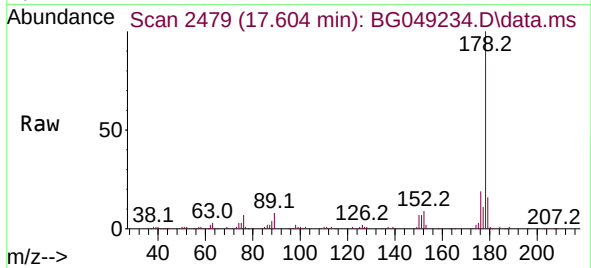
Tgt Ion:178 Resp: 163230
Ion Ratio Lower Upper
178 100
179 16.8 11.7 17.5
176 19.4 15.6 23.4





#74
 Anthracene
 Concen: 7.301 ng/ul
 RT: 17.604 min Scan# 2479
 Delta R.T. -0.003 min
 Lab File: BG049234.D
 Acq: 9 Jul 2021 12:31

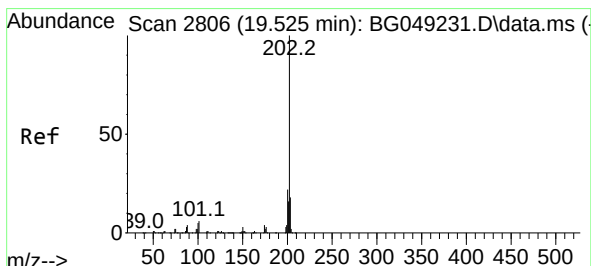
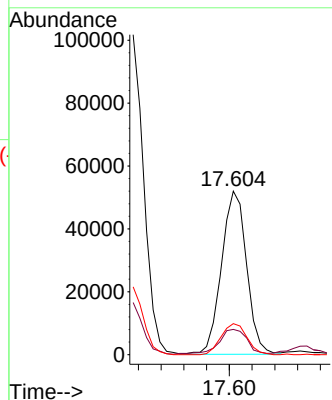
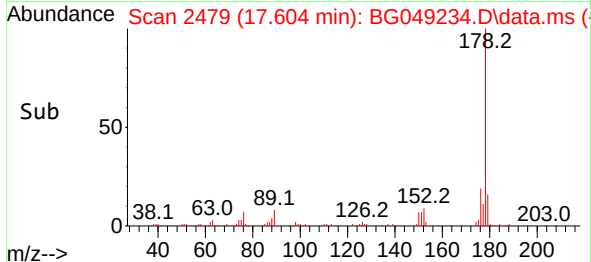
Instrument :
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 ClientSampleId :
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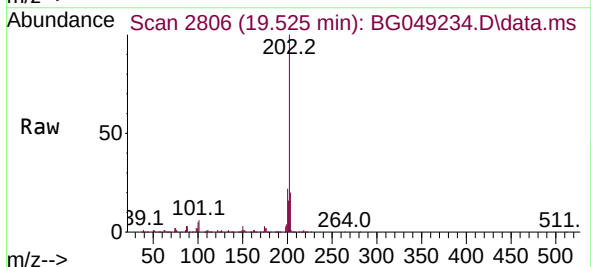
Tgt Ion:178 Resp: 79563
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.7 19.1
 176 19.0 15.6 23.4

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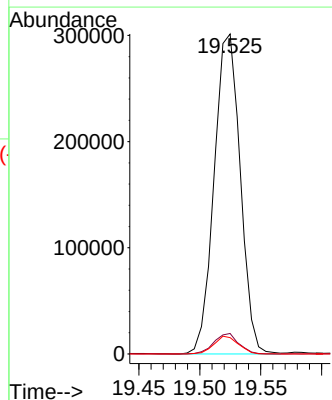
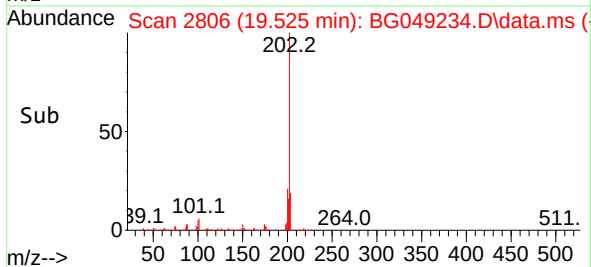
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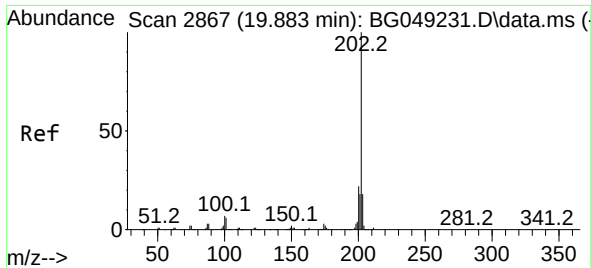


#80
 Fluoranthene
 Concen: 34.629 ng/ul
 RT: 19.525 min Scan# 2806
 Delta R.T. 0.003 min
 Lab File: BG049234.D
 Acq: 9 Jul 2021 12:31



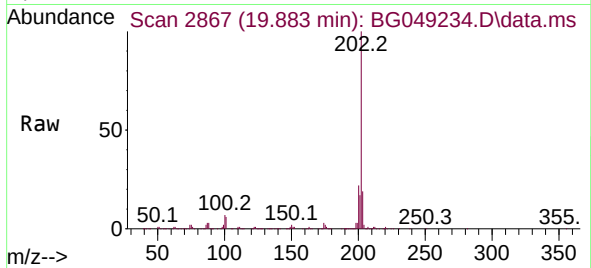
Tgt Ion:202 Resp: 449481
 Ion Ratio Lower Upper
 202 100
 101 6.4 4.6 6.8
 100 5.1 4.0 6.0





#82
Pyrene
Concen: 21.918 ng/ul
RT: 19.883 min Scan# 2867
Delta R.T. -0.003 min
Lab File: BG049234.D
Acq: 9 Jul 2021 12:31

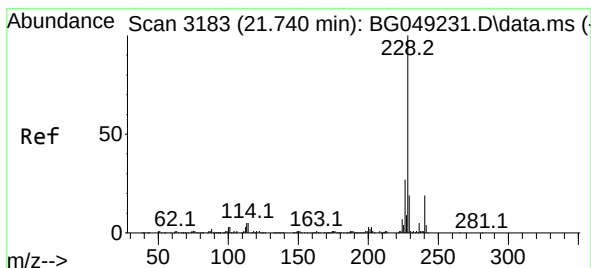
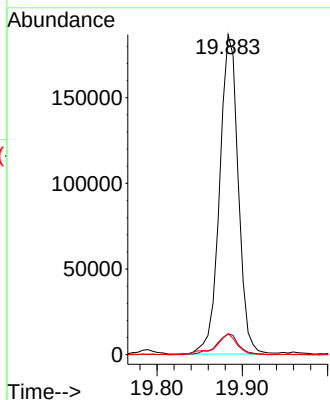
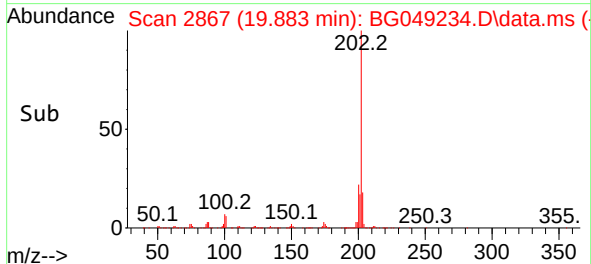
Instrument :
BNA_G
ClientSampleId :
BGE03



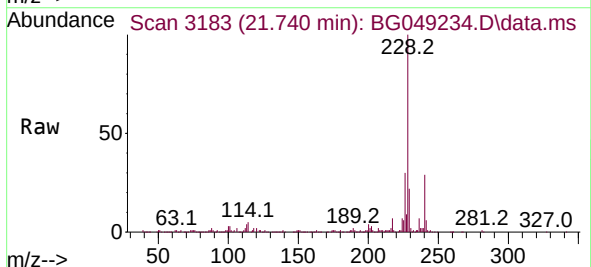
Tgt Ion:202 Resp: 283464
Ion Ratio Lower Upper
202 100
101 6.5 5.8 8.8
100 6.6 5.0 7.6

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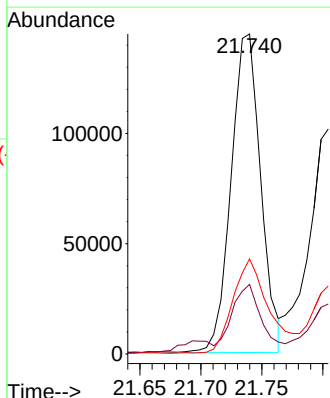
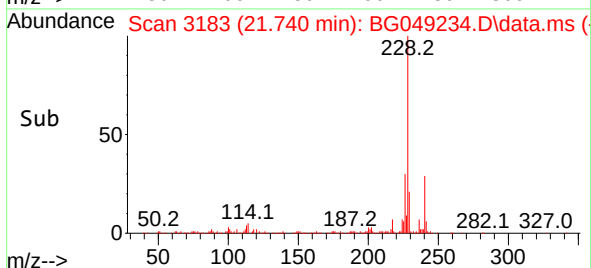
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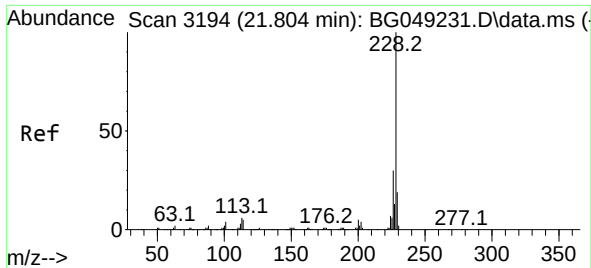


#85
Benzo(a)anthracene
Concen: 18.278 ng/ul
RT: 21.740 min Scan# 3183
Delta R.T. 0.003 min
Lab File: BG049234.D
Acq: 9 Jul 2021 12:31



Tgt Ion:228 Resp: 244593
Ion Ratio Lower Upper
228 100
229 21.7 16.4 24.6
226 29.7 21.3 31.9





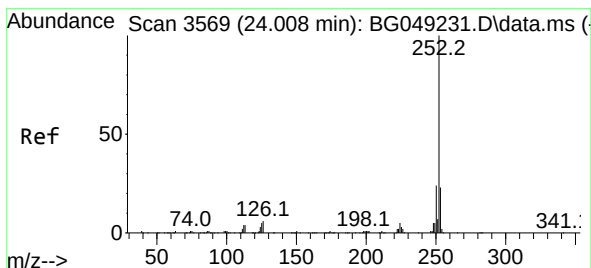
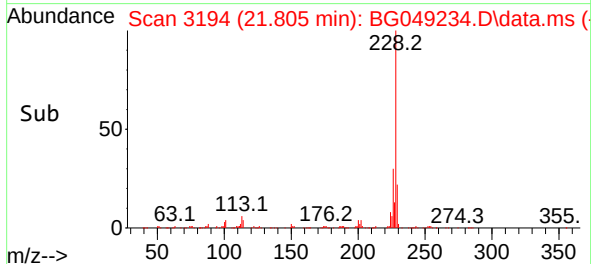
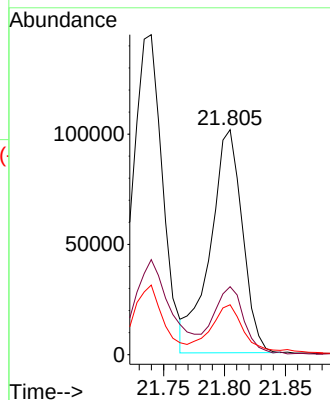
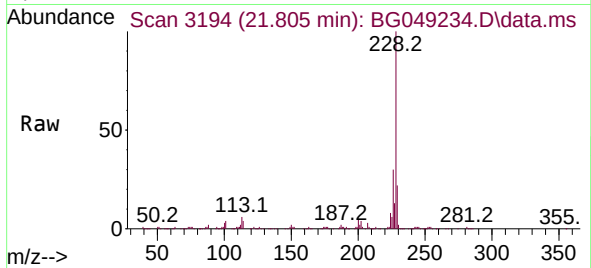
#87
Chrysene
Concen: 14.653 ng/u1
RT: 21.805 min Scan# 3194
Delta R.T. 0.003 min
Lab File: BG049234.D
Acq: 9 Jul 2021 12:31

Tgt Ion:228 Resp: 185480
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 22.2 16.4 24.6

Instrument :
BNA_G
ClientSampled :
BGE03

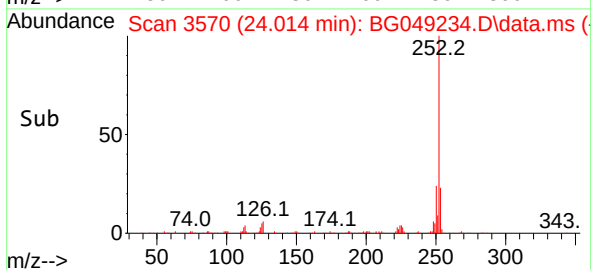
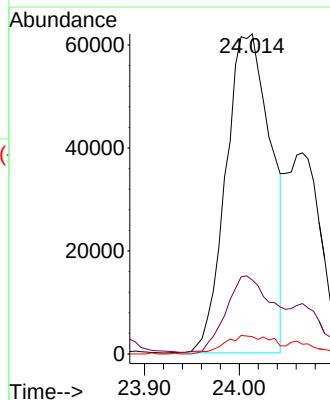
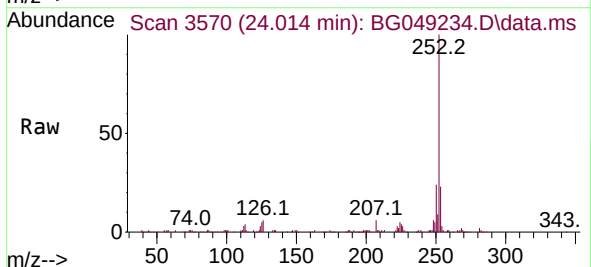
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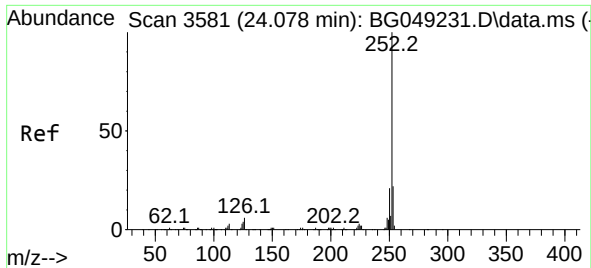
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#90
Benzo(b)fluoranthene
Concen: 14.388 ng/u1
RT: 24.014 min Scan# 3570
Delta R.T. 0.009 min
Lab File: BG049234.D
Acq: 9 Jul 2021 12:31

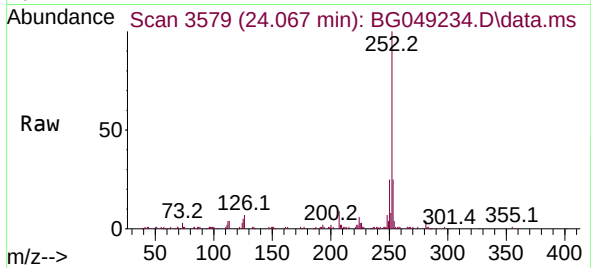
Tgt Ion:252 Resp: 204026
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 5.4 4.8 7.2





#91
Benzo(k)fluoranthene
Concen: 7.282 ng/ul m
RT: 24.067 min Scan# 3579
Delta R.T. -0.003 min
Lab File: BG049234.D
Acq: 9 Jul 2021 12:31

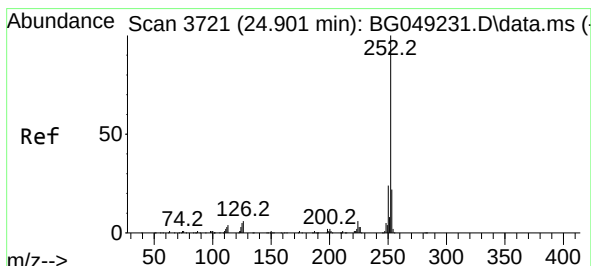
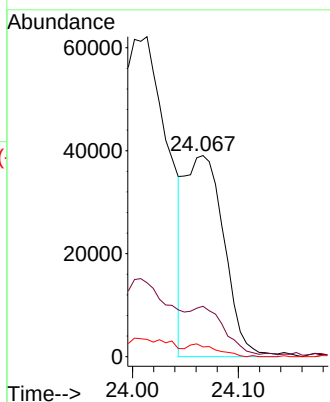
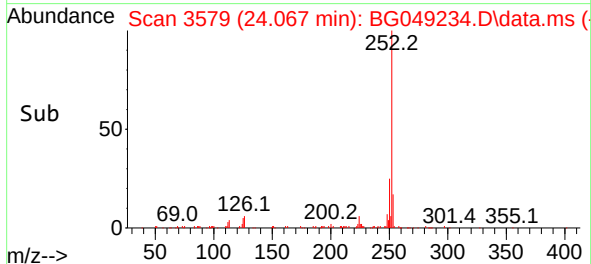
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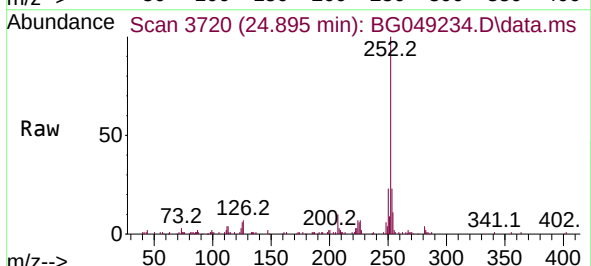
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Ion Ratio Lower Upper
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253 25.1 16.2 24.2#
125 4.9 3.7 5.5

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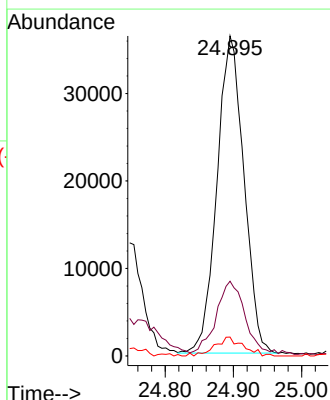
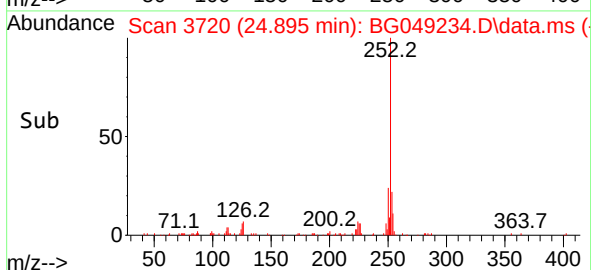
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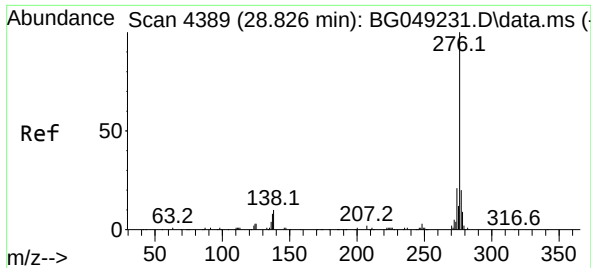


#93
Benzo(a)pyrene
Concen: 7.970 ng/ul
RT: 24.895 min Scan# 3720
Delta R.T. 0.003 min
Lab File: BG049234.D
Acq: 9 Jul 2021 12:31



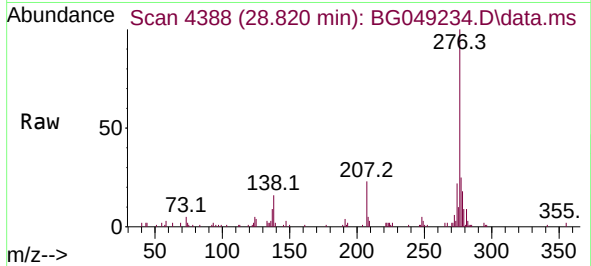
Tgt Ion:252 Resp: 99458
Ion Ratio Lower Upper
252 100
253 23.4 19.1 28.7
125 5.9 4.6 7.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 4.585 ng/ul
RT: 28.820 min Scan# 4388
Delta R.T. 0.003 min
Lab File: BG049234.D
Acq: 9 Jul 2021 12:31

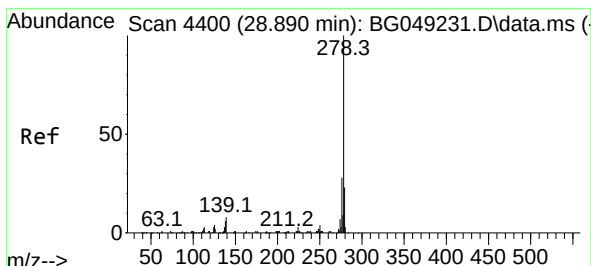
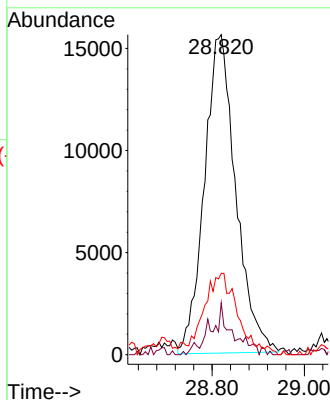
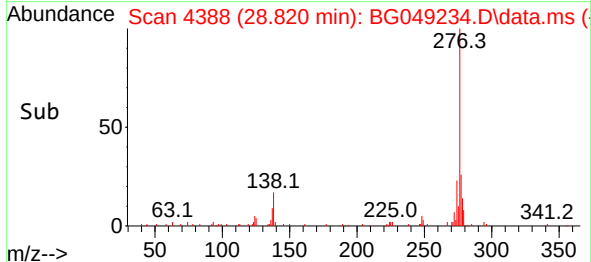
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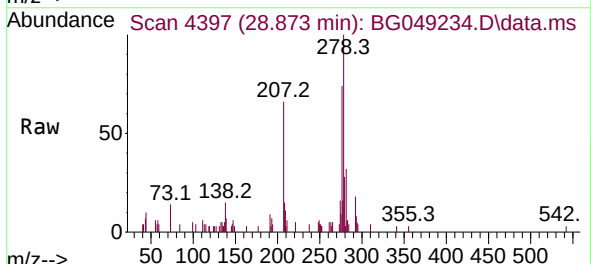
Tgt Ion:276 Resp: 73816
Ion Ratio Lower Upper
276 100
138 16.2 8.0 12.0#
277 25.5 17.7 26.5

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#95
Dibenzo(a,h)anthracene
Concen: 2.240 ng/ul m
RT: 28.873 min Scan# 4397
Delta R.T. -0.014 min
Lab File: BG049234.D
Acq: 9 Jul 2021 12:31



Tgt Ion:278 Resp: 29878
Ion Ratio Lower Upper
278 100
139 7.3 5.4 8.2
279 28.1 21.1 31.7

