

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049491.D
 Acq On : 26 Jul 2021 23:32
 Operator : CG/JU
 Sample : M3082-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0018

Manual Integrations
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Quant Time: Jul 27 02:50:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.050	152	23612	20.000	ng/ul	0.00
20) Naphthalene-d8	10.870	136	101038	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.694	164	75680	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.450	188	168899	20.000	ng/ul	0.00
79) Chrysene-d12	21.726	240	153307	20.000	ng/ul	0.00
88) Perylene-d12	25.010	264	154623	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.427	96	1211	2.346	ng/uL	-0.01
4) Pyridine-d5	3.862	84	11307	7.628	ng/ul	0.00
7) Phenol-d5	7.205	99	28489	13.637	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	15811	13.363	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	21820	14.571	ng/ul	0.00
15) 4-Methylphenol-d8	8.755	113	21193	13.459	ng/ul	0.00
21) Nitrobenzene-d5	9.219	128	11301	14.548	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	13320	14.633	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	22380	13.518	ng/ul	0.00
31) 4-Chloroaniline-d4	11.005	131	23301	10.099	ng/ul	0.00
46) Dimethylphthalate-d6	14.095	166	82988	14.315	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	99688	14.805	ng/ul	0.00
54) 4-Nitrophenol-d4	14.894	143	10875	11.391	ng/ul	0.00
60) Fluorene-d10	15.687	176	74501	14.917	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	7605	7.266	ng/ul	0.00
73) Anthracene-d10	17.544	188	115889	14.763	ng/ul	0.00
81) Pyrene-d10	19.835	212	118802	15.155	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.781	264	98012	12.060	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.491	178	29539	3.359	ng/ul	97
80) Fluoranthene	19.500	202	72542	7.621	ng/ul	99
82) Pyrene	19.864	202	54642	5.782	ng/ul#	96
85) Benzo(a)anthracene	21.708	228	30241	3.226	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.603	149	9041	1.656	ng/ul#	93
87) Chrysene	21.773	228	32356m	3.607	ng/ul	
90) Benzo(b)fluoranthene	23.958	252	40480	4.177	ng/ul#	97
91) Benzo(k)fluoranthene	24.011	252	17683	1.864	ng/ul#	97
93) Benzo(a)pyrene	24.845	252	21364	2.541	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.728	276	18980m	1.769	ng/ul	

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

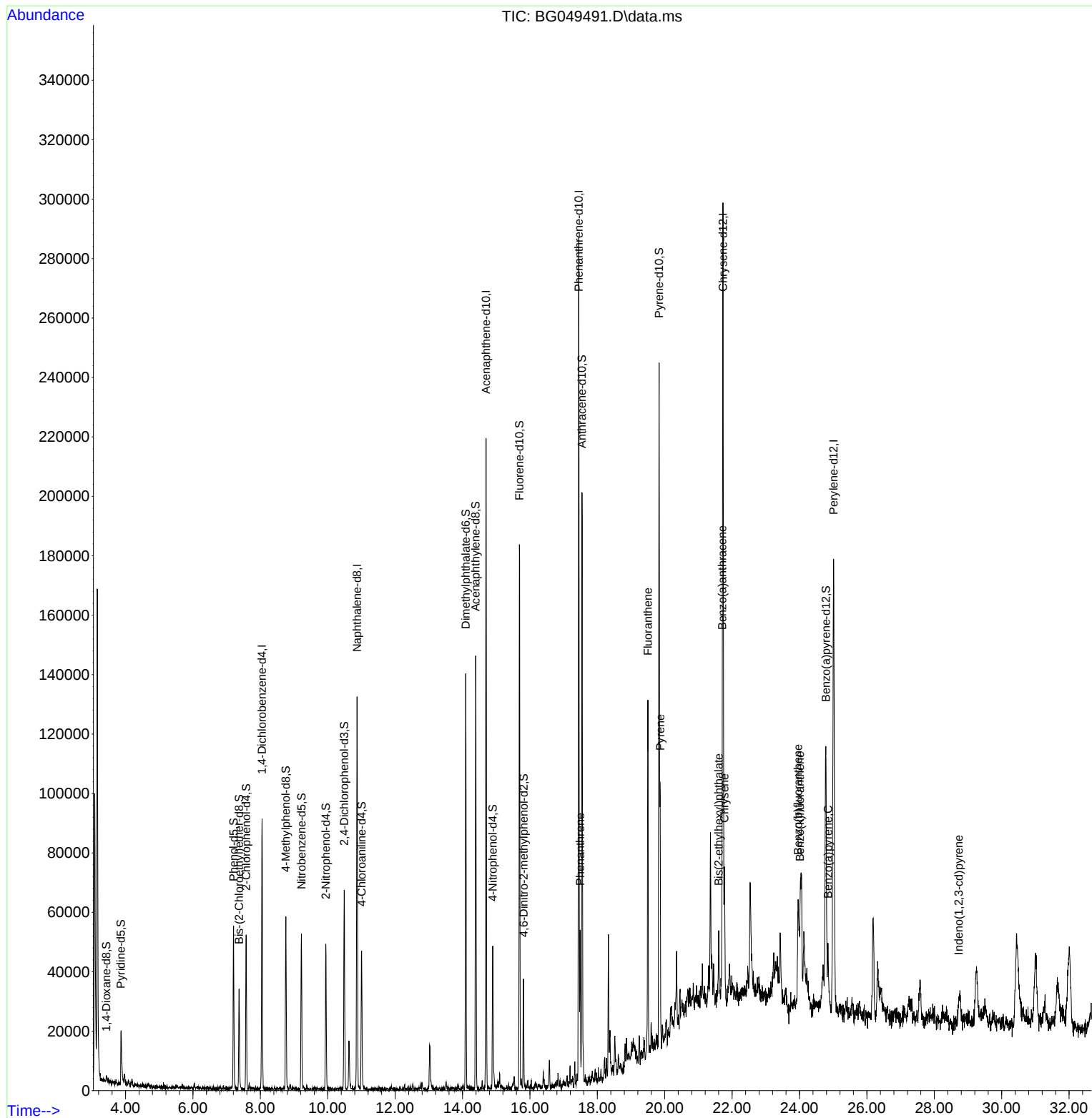
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049491.D
Acq On : 26 Jul 2021 23:32
Operator : CG/JU
Sample : M3082-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

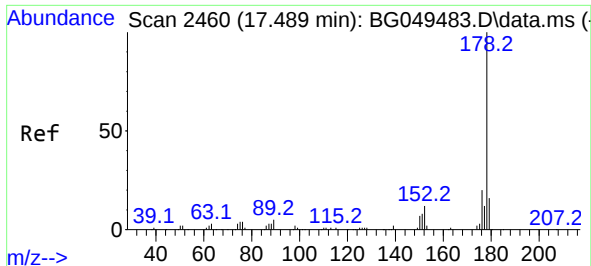
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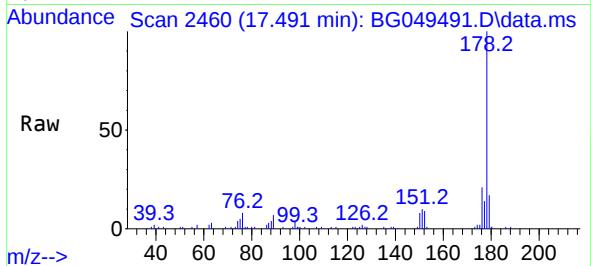
Quant Time: Jul 27 02:50:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.359 ng/u1
RT: 17.491 min Scan# 2460
Delta R.T. 0.001 min
Lab File: BG049491.D
Acq: 26 Jul 2021 23:32

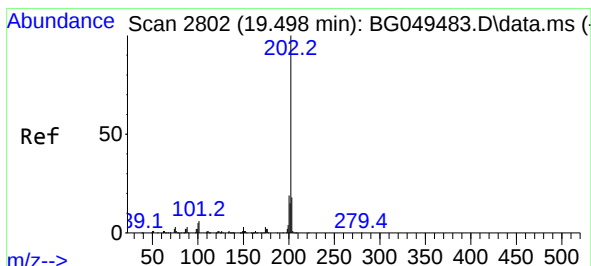
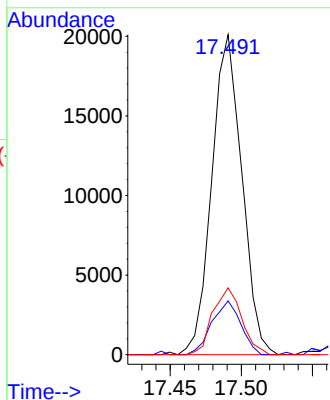
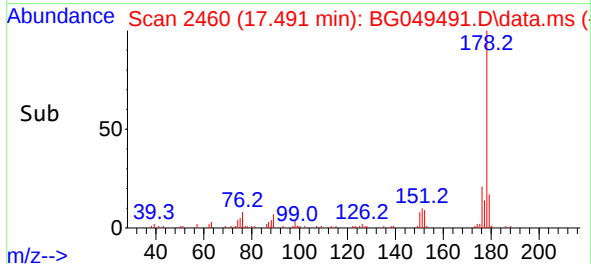
Instrument :
BNA_G
ClientSampled :
C0018



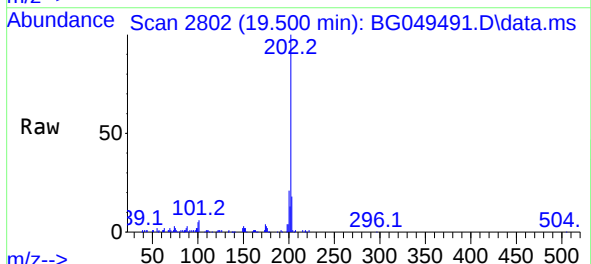
Tgt Ion:178 Resp: 29539
Ion Ratio Lower Upper
178 100
179 16.8 13.2 19.8
176 20.9 15.0 22.6

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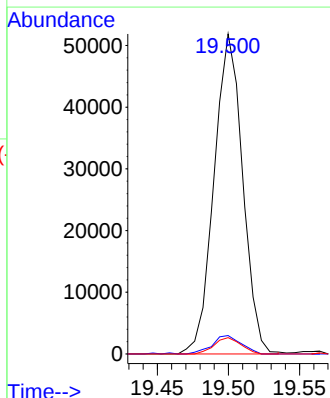
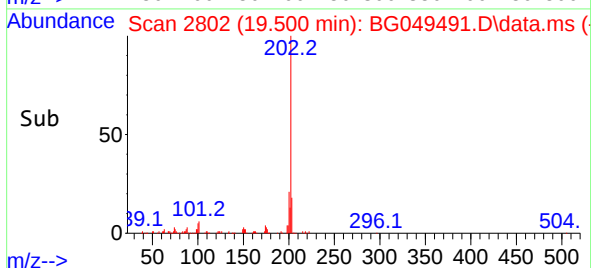
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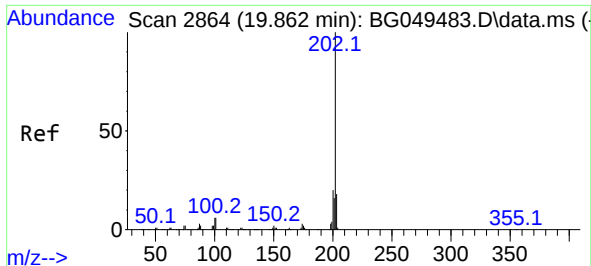


#80
Fluoranthene
Concen: 7.621 ng/u1
RT: 19.500 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BG049491.D
Acq: 26 Jul 2021 23:32



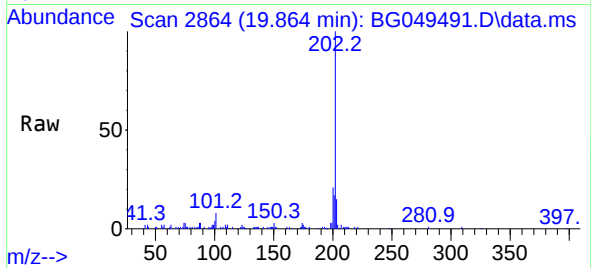
Tgt Ion:202 Resp: 72542
Ion Ratio Lower Upper
202 100
101 5.8 4.3 6.5
100 5.1 3.8 5.6





#82
Pyrene
Concen: 5.782 ng/ul
RT: 19.864 min Scan# 2864
Delta R.T. 0.001 min
Lab File: BG049491.D
Acq: 26 Jul 2021 23:32

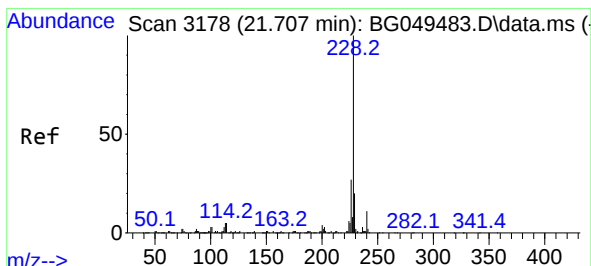
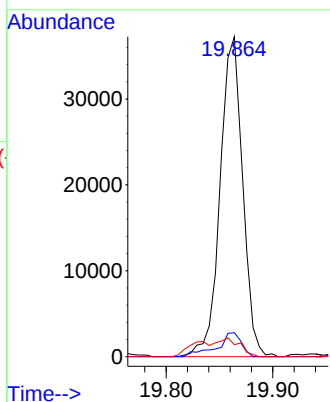
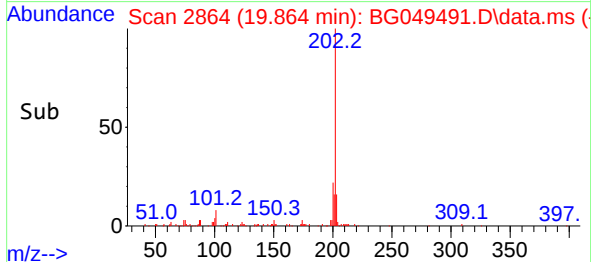
Instrument :
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ClientSampled :
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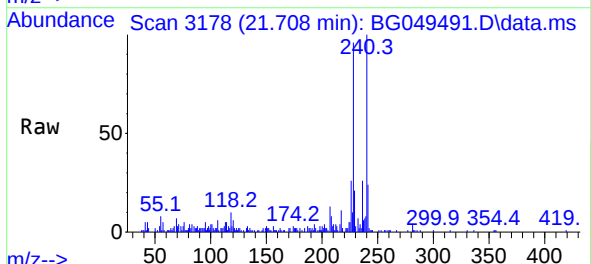
Tgt Ion:202 Resp: 54642
Ion Ratio Lower Upper
202 100
101 7.5 5.3 7.9
100 3.8 4.7 7.1#

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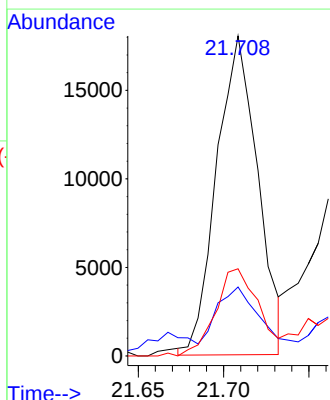
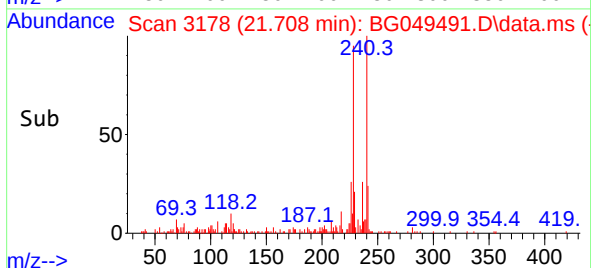
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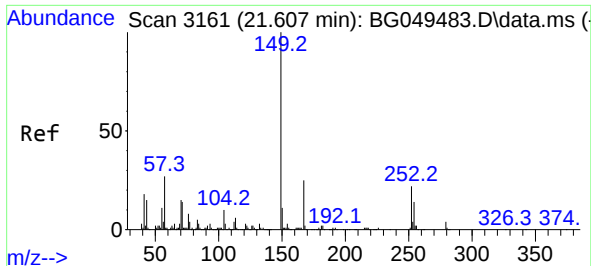


#85
Benzo(a)anthracene
Concen: 3.226 ng/ul
RT: 21.708 min Scan# 3178
Delta R.T. 0.001 min
Lab File: BG049491.D
Acq: 26 Jul 2021 23:32



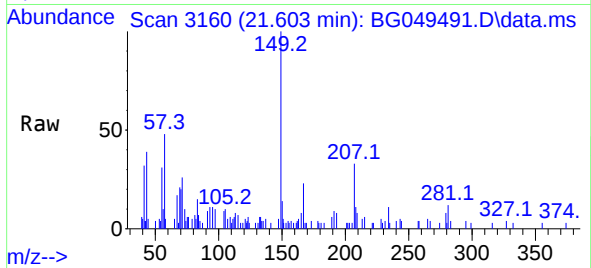
Tgt Ion:228 Resp: 30241
Ion Ratio Lower Upper
228 100
229 21.5 15.4 23.2
226 27.3 21.1 31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.656 ng/ul
RT: 21.603 min Scan# 3160
Delta R.T. 0.001 min
Lab File: BG049491.D
Acq: 26 Jul 2021 23:32

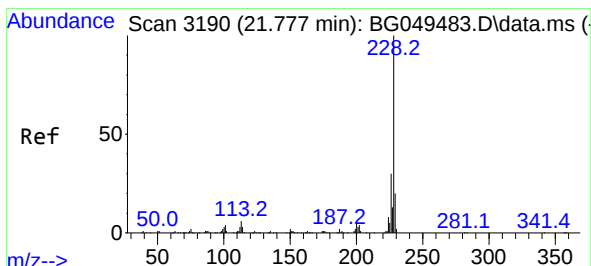
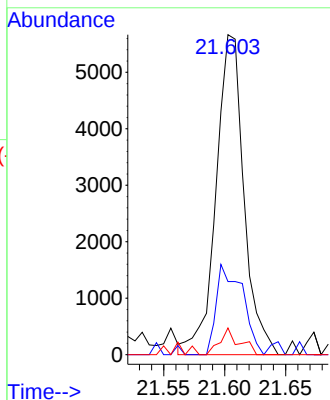
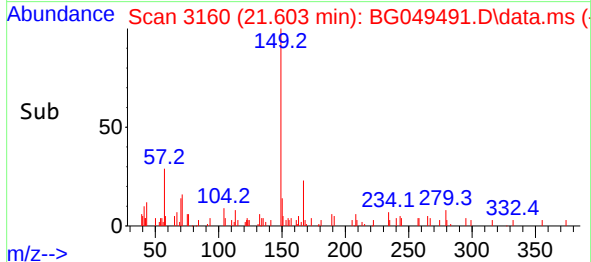
Instrument :
BNA_G
ClientSampled :
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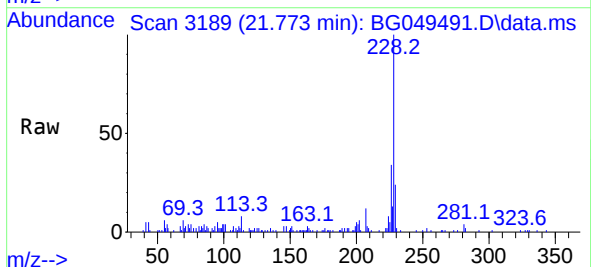
Tgt Ion:149 Resp: 9041
Ion Ratio Lower Upper
149 100
167 22.9 20.9 31.3
279 8.4 3.6 5.4#

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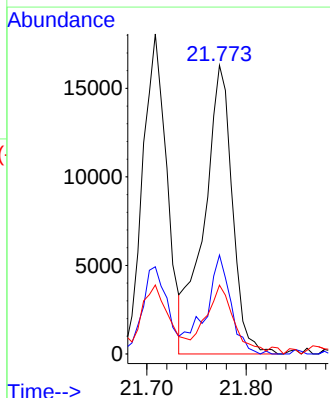
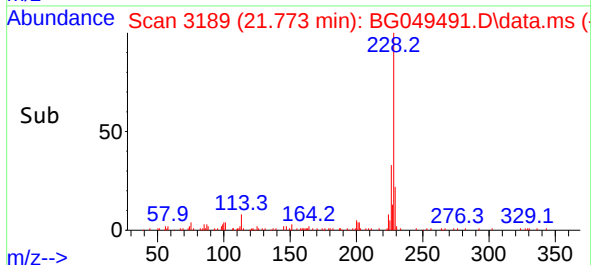
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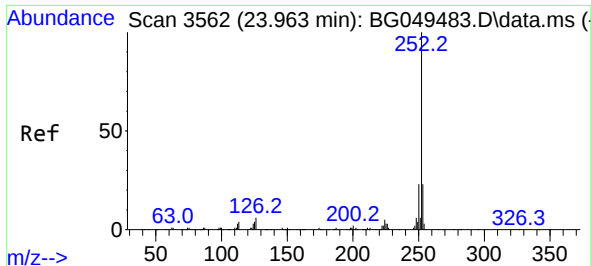


#87
Chrysene
Concen: 3.607 ng/ul m
RT: 21.773 min Scan# 3189
Delta R.T. 0.001 min
Lab File: BG049491.D
Acq: 26 Jul 2021 23:32



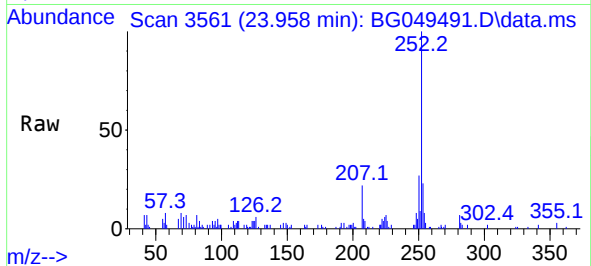
Tgt Ion:228 Resp: 32356
Ion Ratio Lower Upper
228 100
226 34.3 24.6 37.0
229 23.9 14.9 22.3#





#90
Benzo(b)fluoranthene
Concen: 4.177 ng/ul
RT: 23.958 min Scan# 3561
Delta R.T. 0.001 min
Lab File: BG049491.D
Acq: 26 Jul 2021 23:32

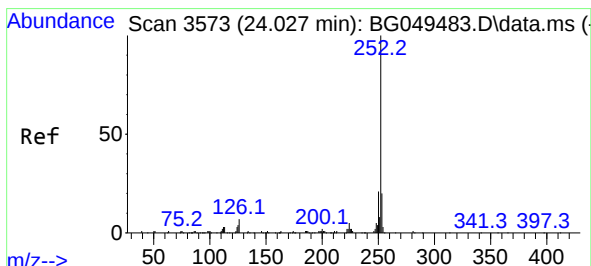
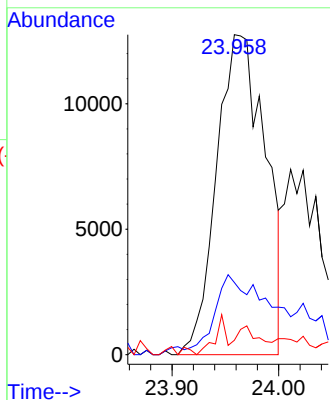
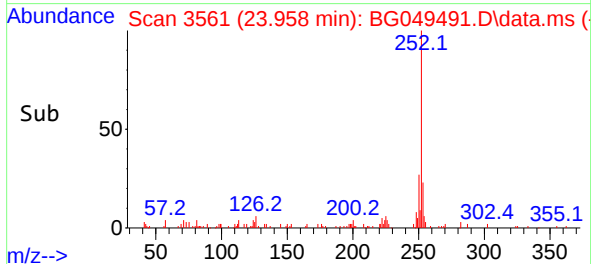
Instrument :
BNA_G
ClientSampled :
C0018



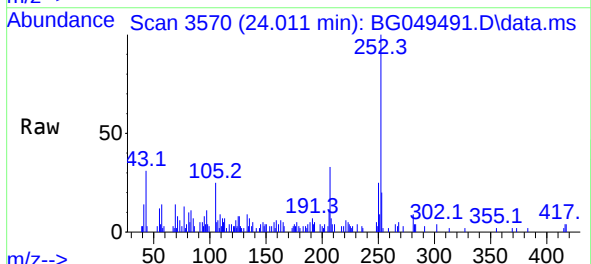
Tgt Ion:252 Resp: 40480
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 4.5 4.5 6.7#

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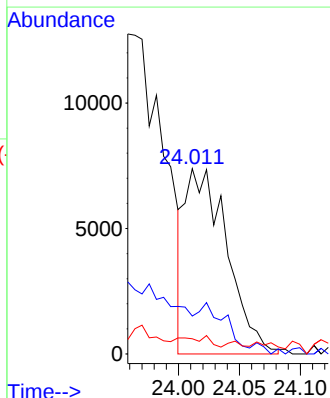
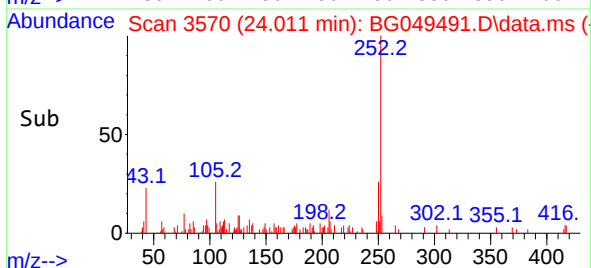
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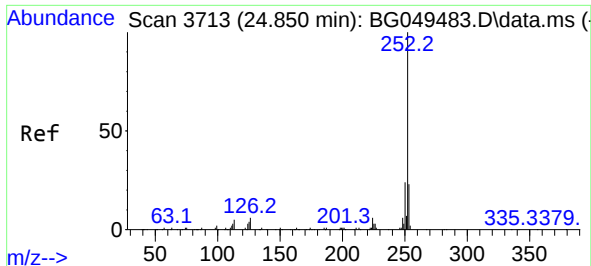


#91
Benzo(k)fluoranthene
Concen: 1.864 ng/ul
RT: 24.011 min Scan# 3570
Delta R.T. -0.011 min
Lab File: BG049491.D
Acq: 26 Jul 2021 23:32



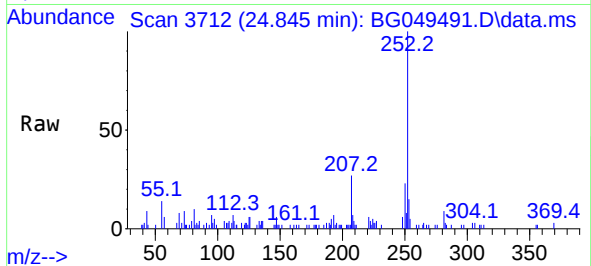
Tgt Ion:252 Resp: 17683
Ion Ratio Lower Upper
252 100
253 20.4 17.3 25.9
125 8.2 4.6 7.0#





#93
Benzo(a)pyrene
Concen: 2.541 ng/ul
RT: 24.845 min Scan# 3712
Delta R.T. 0.007 min
Lab File: BG049491.D
Acq: 26 Jul 2021 23:32

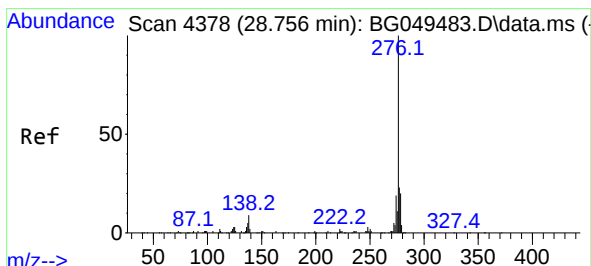
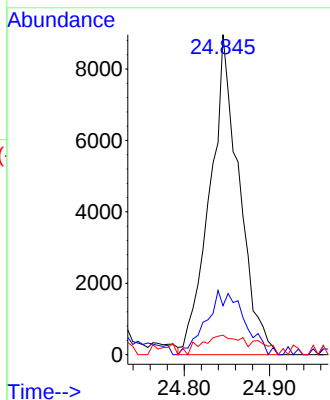
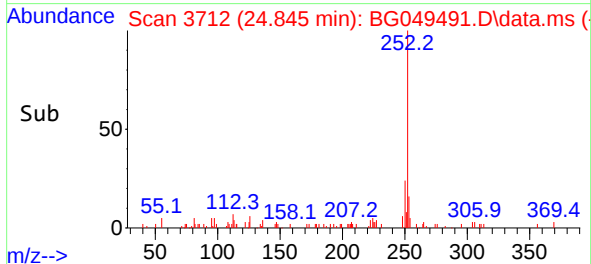
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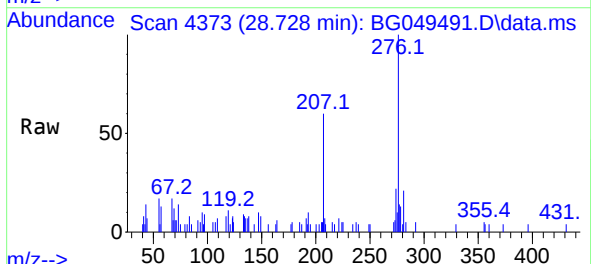
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Ion Ratio Lower Upper
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253 15.3 16.4 24.6#
125 6.1 4.6 6.8

Manual Integrations
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.769 ng/ul m
RT: 28.728 min Scan# 4373
Delta R.T. -0.011 min
Lab File: BG049491.D
Acq: 26 Jul 2021 23:32



Tgt Ion:276 Resp: 18980
Ion Ratio Lower Upper
276 100
138 8.0 7.3 10.9
277 13.9 19.2 28.8#

