

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049695.D
 Acq On : 7 Aug 2021 4:45
 Operator : CG/JU
 Sample : M3124-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0099

Manual Integrations
 APPROVED

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 8/9/2021 12:10:12 PM

Quant Time: Aug 07 06:45:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	29242	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	123488	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	84936	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.443	188	178791	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	165384	20.000	ng/ul	# 0.00
88) Perylene-d12	25.003	264	168383	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	934m	1.493	ng/uL	0.00
4) Pyridine-d5	3.861	84	10899	5.807	ng/ul	0.01
7) Phenol-d5	7.198	99	49487	18.647	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	29382	19.274	ng/ul	0.00
11) 2-Chlorophenol-d4	7.574	132	38318	20.173	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	30308	14.978	ng/ul	0.00
21) Nitrobenzene-d5	9.213	128	20441	21.014	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	24783	22.309	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	40743	19.451	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	46380	16.174	ng/ul	0.00
46) Dimethylphthalate-d6	14.088	166	145686	21.857	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	170305	21.476	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	20443m	18.970	ng/ul	0.00
60) Fluorene-d10	15.686	176	127268	22.213	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	18964	15.759	ng/ul	0.00
73) Anthracene-d10	17.542	188	186530	22.102	ng/ul	0.00
81) Pyrene-d10	19.828	212	220276	24.173	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	213395	23.129	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.490	178	10101	1.067	ng/ul#	93
80) Fluoranthene	19.493	202	32412	2.882	ng/ul	98
82) Pyrene	19.857	202	26930	2.401	ng/ul#	91
85) Benzo(a)anthracene	21.702	228	16440	1.514	ng/ul#	92
87) Chrysene	21.772	228	17061	1.682	ng/ul#	85
90) Benzo(b)fluoranthene	23.963	252	24645	2.239	ng/ul#	93
93) Benzo(a)pyrene	24.844	252	15165	1.565	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.763	276	17449m	1.372	ng/ul	
96) Benzo(g,h,i)perylene	29.920	276	14365m	1.359	ng/ul	

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

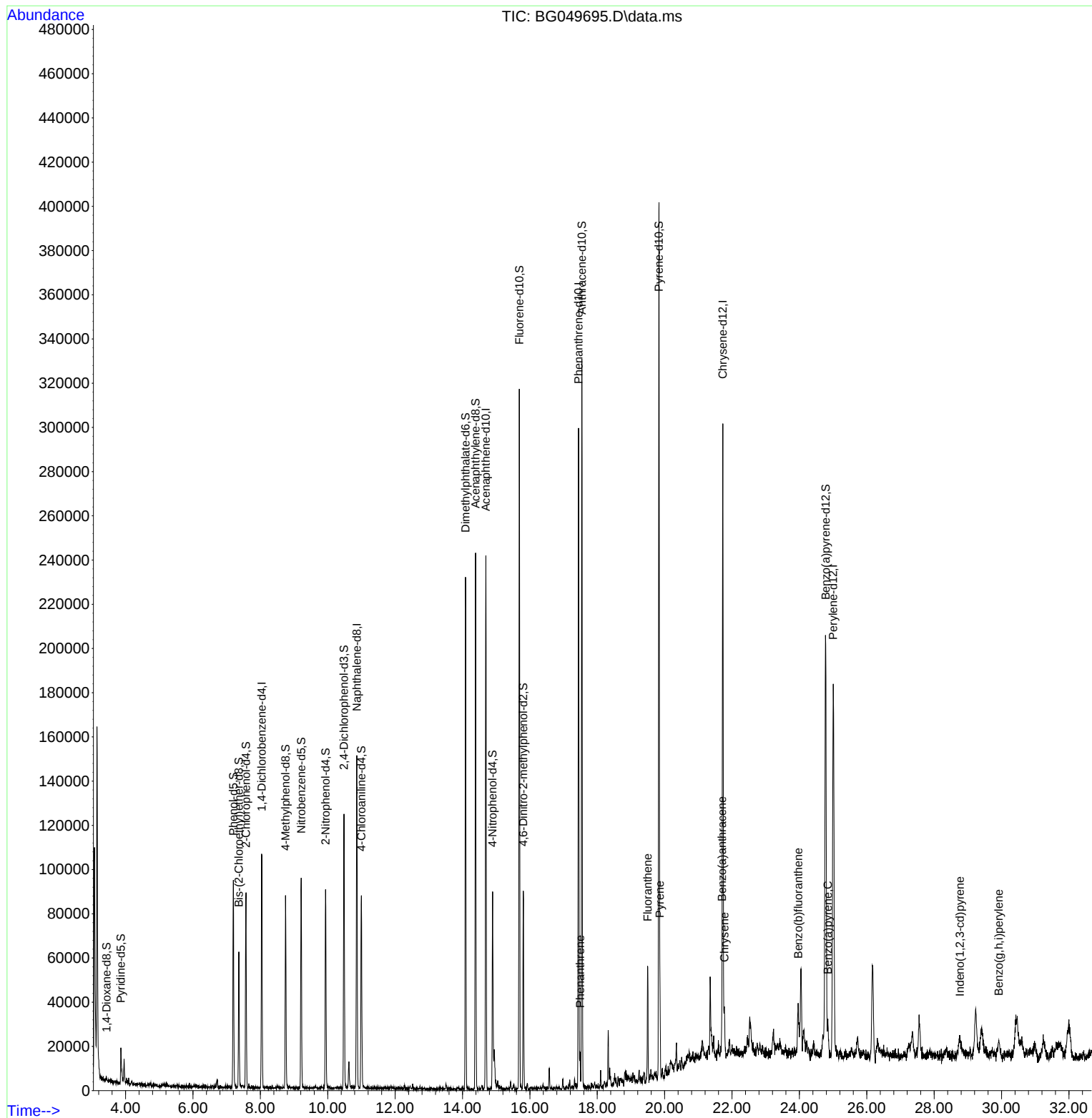
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Data File : BG049695.D
Acq On : 7 Aug 2021 4:45
Operator : CG/JU
Sample : M3124-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

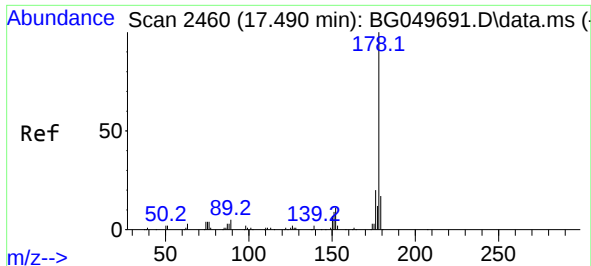
Instrument :
BNA_G
ClientSampleId :
C0099

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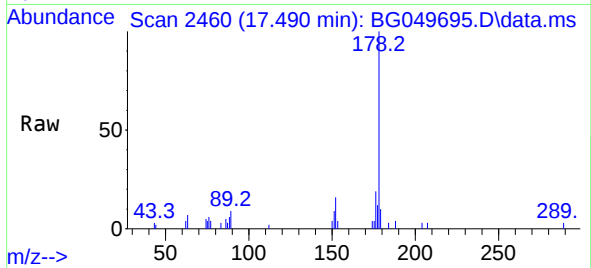
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Quant Time: Aug 07 06:45:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

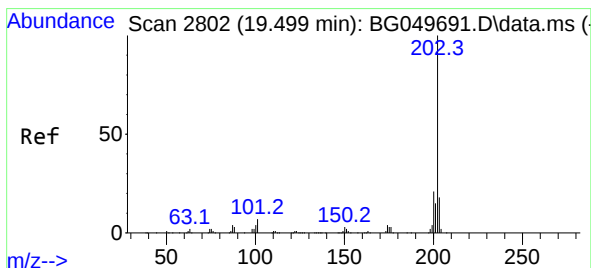
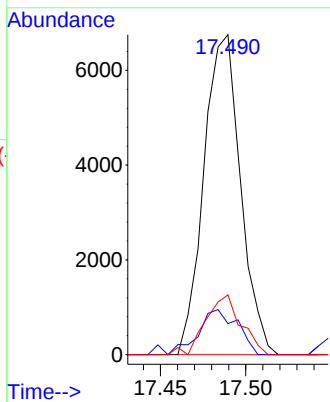
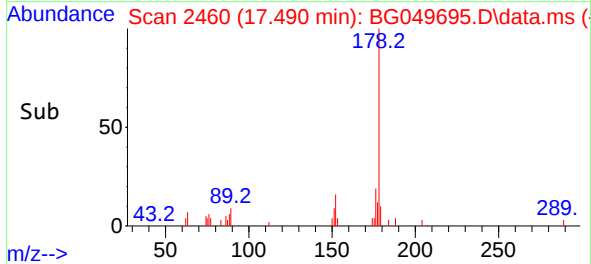




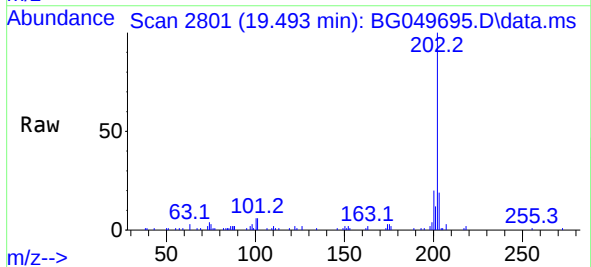
#72
Phenanthrene
Concen: 1.067 ng/ul
RT: 17.490 min Scan# 2460
Delta R.T. 0.001 min
Lab File: BG049695.D
Acq: 7 Aug 2021 4:45



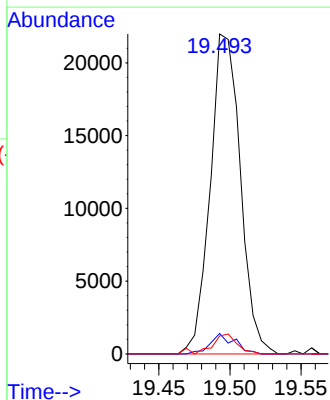
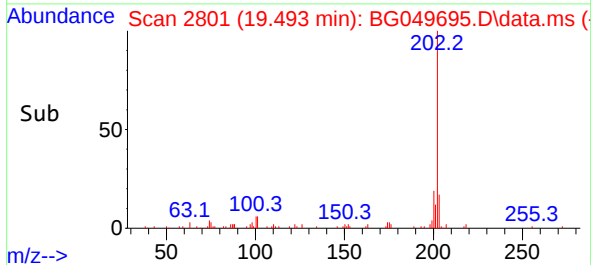
Tgt Ion:178 Resp: 10101
Ion Ratio Lower Upper
178 100
179 9.7 12.4 18.6#
176 18.7 15.4 23.2



#80
Fluoranthene
Concen: 2.882 ng/ul
RT: 19.493 min Scan# 2801
Delta R.T. -0.005 min
Lab File: BG049695.D
Acq: 7 Aug 2021 4:45



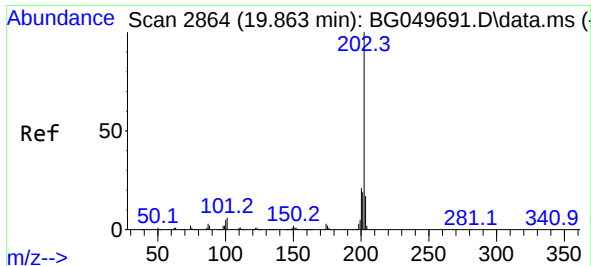
Tgt Ion:202 Resp: 32412
Ion Ratio Lower Upper
202 100
101 6.4 4.8 7.2
100 5.6 3.9 5.9



Instrument :
BNA_G
ClientSampled :
C0099

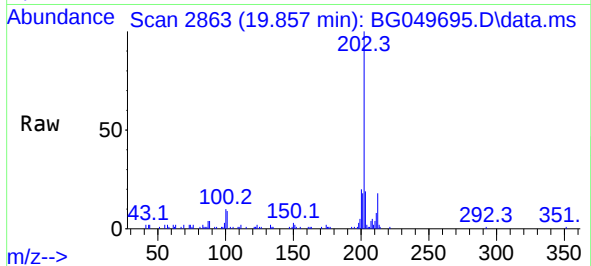
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#82
Pyrene
Concen: 2.401 ng/ul
RT: 19.857 min Scan# 2863
Delta R.T. -0.005 min
Lab File: BG049695.D
Acq: 7 Aug 2021 4:45

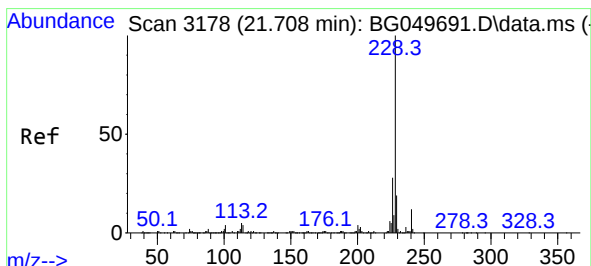
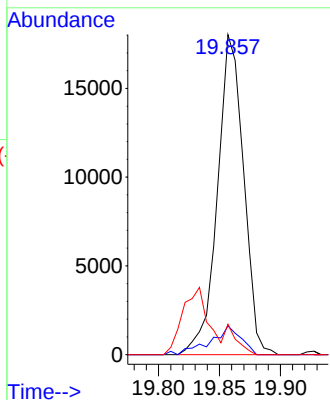
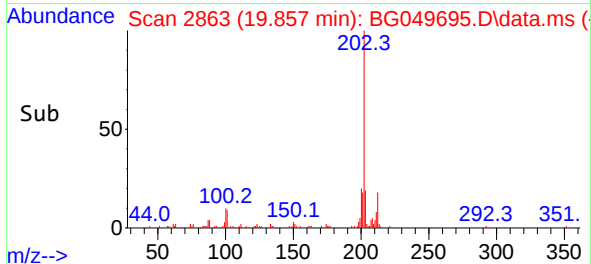
Instrument :
BNA_G
ClientSampled :
C0099



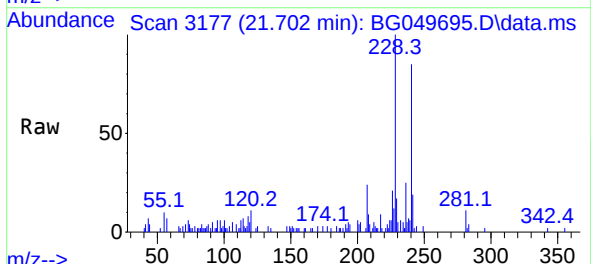
Tgt Ion:202 Resp: 26930
Ion Ratio Lower Upper
202 100
101 9.0 5.2 7.8#
100 9.5 4.8 7.2#

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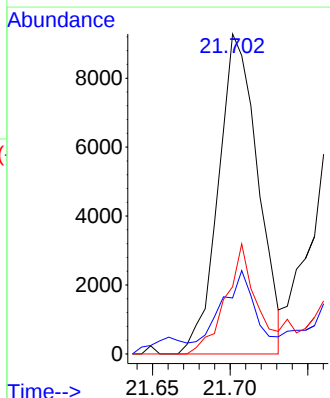
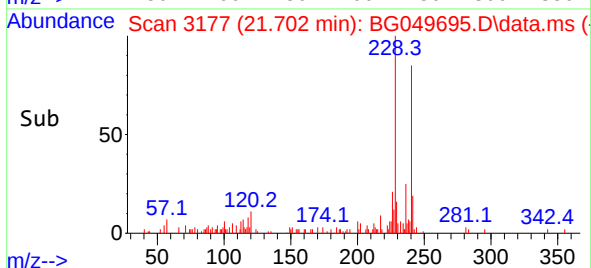
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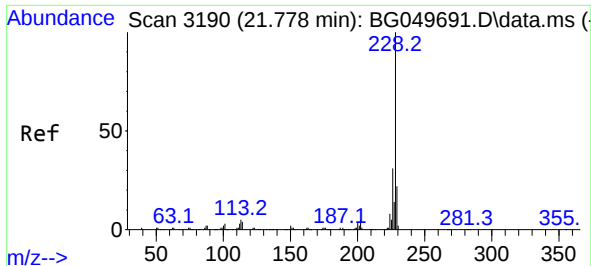


#85
Benzo(a)anthracene
Concen: 1.514 ng/ul
RT: 21.702 min Scan# 3177
Delta R.T. -0.005 min
Lab File: BG049695.D
Acq: 7 Aug 2021 4:45



Tgt Ion:228 Resp: 16440
Ion Ratio Lower Upper
228 100
229 17.5 15.3 22.9
226 21.0 21.0 31.6#





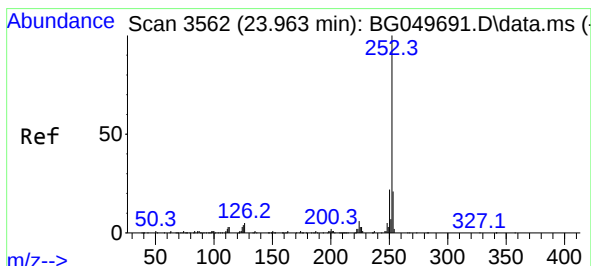
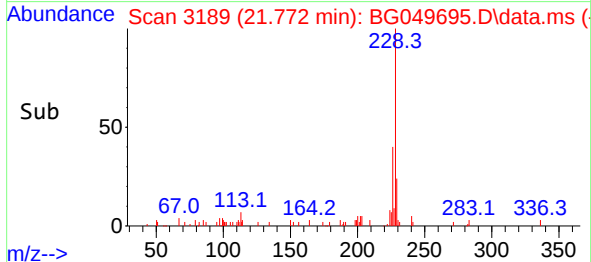
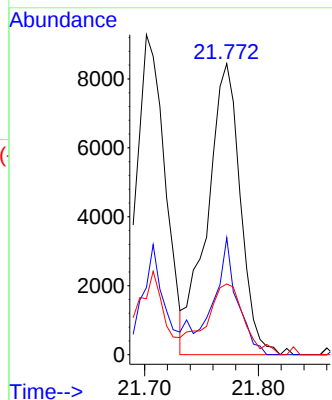
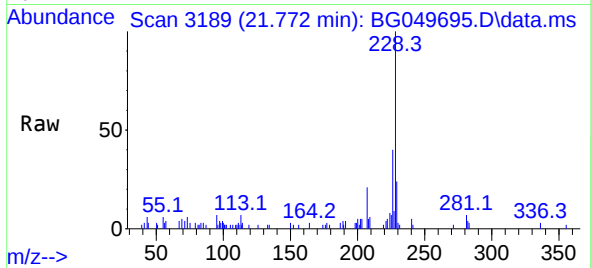
#87
Chrysene
Concen: 1.682 ng/u1
RT: 21.772 min Scan# 3189
Delta R.T. -0.005 min
Lab File: BG049695.D
Acq: 7 Aug 2021 4:45

Tgt Ion:228 Resp: 17061
Ion Ratio Lower Upper
228 100
226 40.2 24.7 37.1#
229 24.3 15.4 23.2#

Instrument :
BNA_G
ClientSampled :
C0099

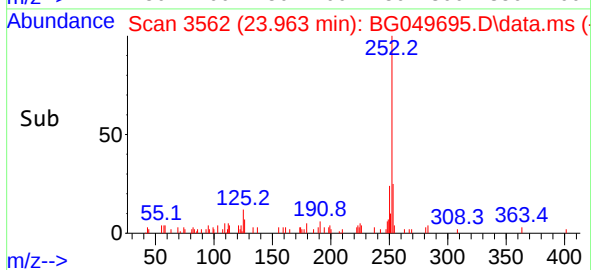
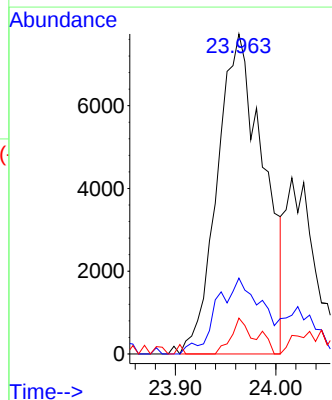
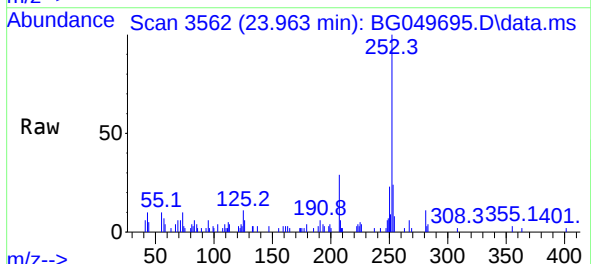
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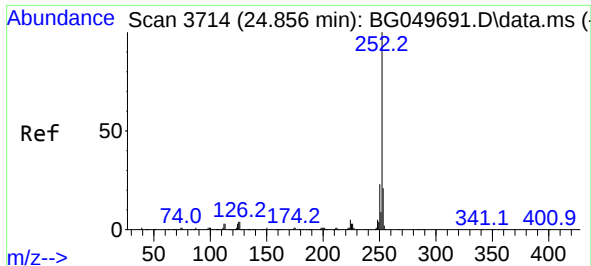
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#90
Benzo(b)fluoranthene
Concen: 2.239 ng/u1
RT: 23.963 min Scan# 3562
Delta R.T. 0.006 min
Lab File: BG049695.D
Acq: 7 Aug 2021 4:45

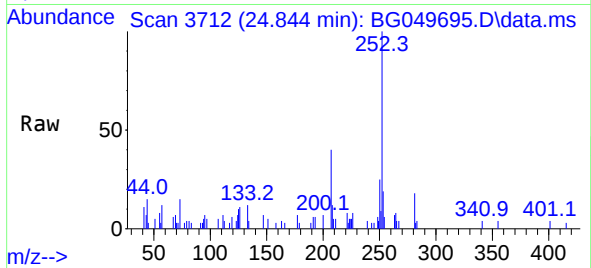
Tgt Ion:252 Resp: 24645
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 11.2 3.7 5.5#





#93
Benzo(a)pyrene
Concen: 1.565 ng/ul
RT: 24.844 min Scan# 3712
Delta R.T. -0.005 min
Lab File: BG049695.D
Acq: 7 Aug 2021 4:45

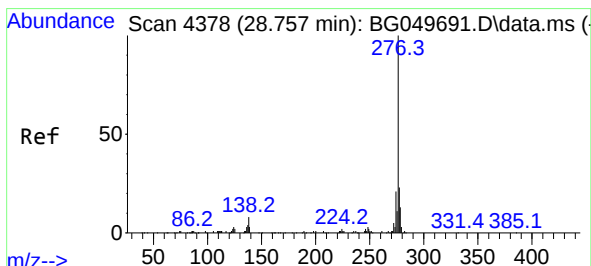
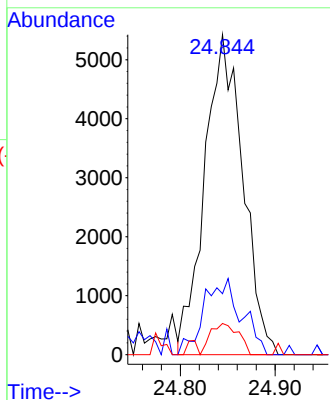
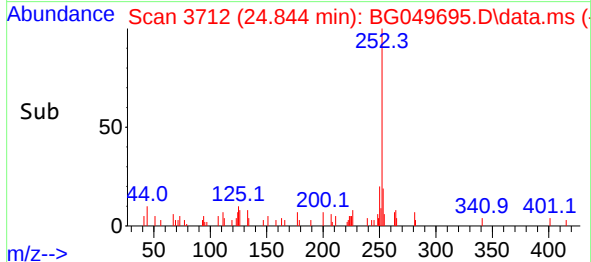
Instrument :
BNA_G
ClientSampled :
C0099



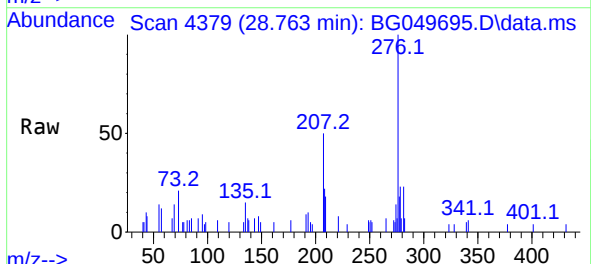
Tgt Ion:252 Resp: 15165
Ion Ratio Lower Upper
252 100
253 19.0 17.7 26.5
125 9.8 4.6 7.0#

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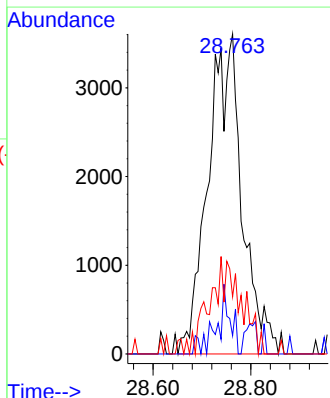
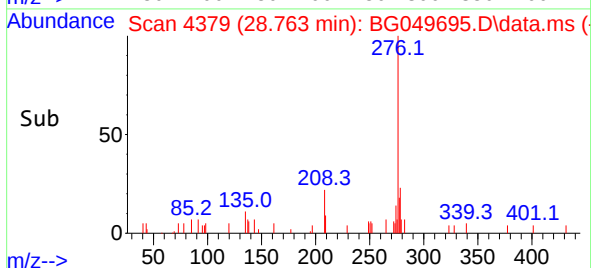
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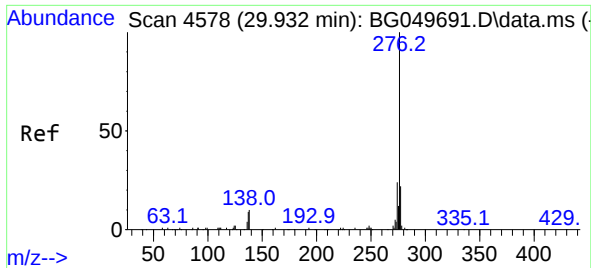


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.372 ng/ul m
RT: 28.763 min Scan# 4379
Delta R.T. 0.018 min
Lab File: BG049695.D
Acq: 7 Aug 2021 4:45



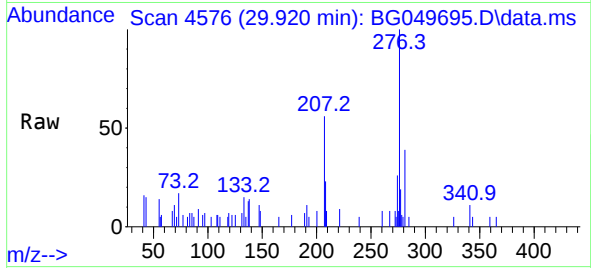
Tgt Ion:276 Resp: 17449
Ion Ratio Lower Upper
276 100
138 5.7 6.6 10.0#
277 17.9 19.4 29.2#





#96
 Benzo(g,h,i)perylene
 Concen: 1.359 ng/ul m
 RT: 29.920 min Scan# 4576
 Delta R.T. 0.001 min
 Lab File: BG049695.D
 Acq: 7 Aug 2021 4:45

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.8	7.2	10.8#
277	19.1	19.5	29.3#

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