

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050398.D
 Acq On : 2 Oct 2021 21:03
 Operator : CG/JU
 Sample : M3877-14
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW2N0

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:51:33 AM

Quant Time: Oct 04 01:09:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.274	152	61247	20.00	ng/ul	0.00
20) Naphthalene-d8	11.100	136	258316	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.889	164	163670	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.633	188	342808	20.00	ng/ul	0.00
79) Chrysene-d12	21.934	240	290497	20.00	ng/ul	-0.01
88) Perylene-d12	25.365	264	288669	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.632	96	4509	2.70	ng/uL	0.00
4) Pyridine-d5	4.067	84	26176	5.27	ng/ul	0.00
7) Phenol-d5	7.404	99	84867	15.86	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.586	67	56004	16.63	ng/ul	0.00
11) 2-Chlorophenol-d4	7.792	132	61012	16.27	ng/ul	0.00
15) 4-Methylphenol-d8	8.961	113	52383	12.93	ng/ul	0.00
21) Nitrobenzene-d5	9.437	128	33424	18.50	ng/ul	0.00
24) 2-Nitrophenol-d4	10.166	143	34438	17.76	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.706	165	60675	15.84	ng/ul	0.00
31) 4-Chloroaniline-d4	11.223	131	38861	7.10	ng/ul	0.00
46) Dimethylphthalate-d6	14.278	166	192807	17.21	ng/ul	-0.01
49) Acenaphthylene-d8	14.584	160	245852	17.48	ng/ul	0.00
54) 4-Nitrophenol-d4	15.054	143	28779	13.34	ng/ul	0.00
60) Fluorene-d10	15.876	176	175264	17.37	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	17663	10.33	ng/ul	0.00
73) Anthracene-d10	17.727	188	257968	17.81	ng/ul	0.00
81) Pyrene-d10	20.001	212	287337	18.60	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.124	264	242527	16.71	ng/ul	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.674	178	60417	3.53	ng/ul	97
80) Fluoranthene	19.672	202	158985	8.20	ng/ul	99
82) Pyrene	20.030	202	145292	7.60	ng/ul	99
85) Benzo(a)anthracene	21.911	228	84741	4.84	ng/ul	97
87) Chrysene	21.981	228	79738	4.75	ng/ul	97
90) Benzo(b)fluoranthene	24.267	252	113735	6.47	ng/ul#	97
91) Benzo(k)fluoranthene	24.337	252	41569m	2.54	ng/ul	
93) Benzo(a)pyrene	25.201	252	79710	4.75	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.290	276	59080	3.14	ng/ul#	92
96) Benzo(g,h,i)perylene	30.536	276	55564m	3.50	ng/ul	

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

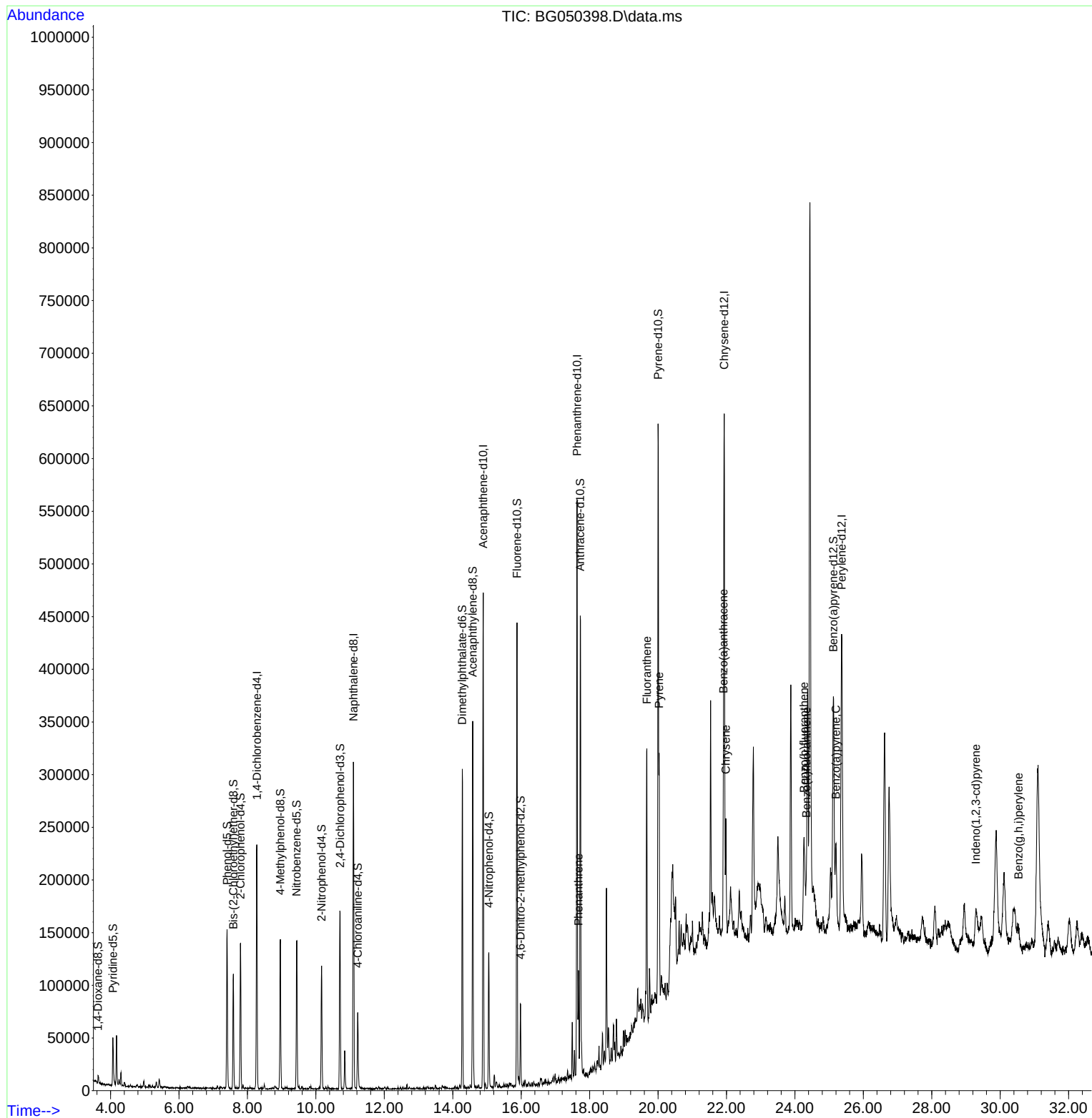
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050398.D
Acq On : 2 Oct 2021 21:03
Operator : CG/JU
Sample : M3877-14
Misc :
ALS Vial : 84 Sample Multiplier: 1

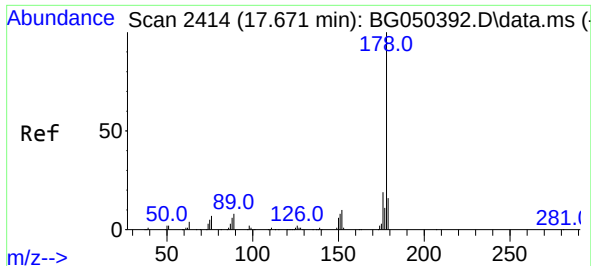
Instrument :
BNA_G
ClientSampleId :
EW2N0

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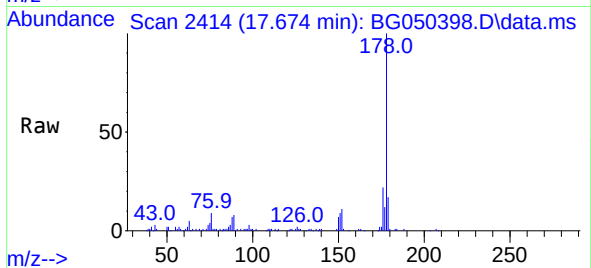
Quant Time: Oct 04 01:09:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.53 ng/ul
RT: 17.674 min Scan# 2414
Delta R.T. -0.008 min
Lab File: BG050398.D
Acq: 2 Oct 2021 21:03

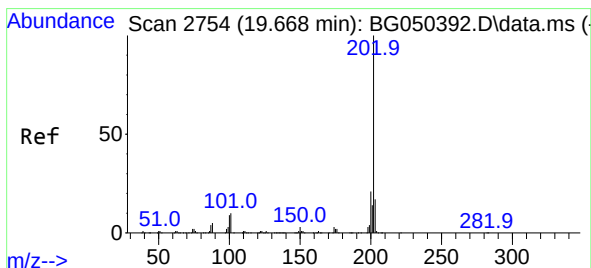
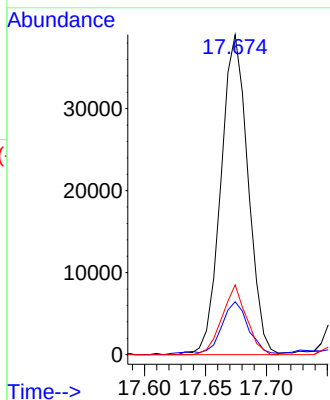
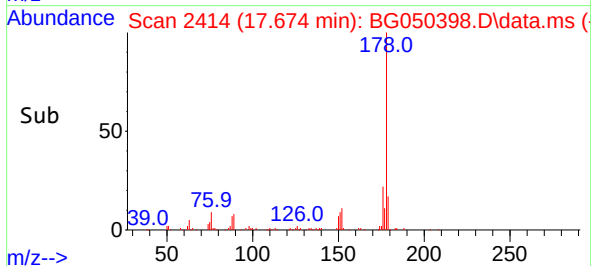
Instrument :
BNA_G
ClientSampled :
EW2N0



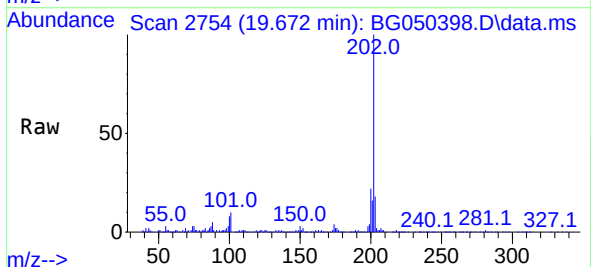
Tgt Ion:178 Resp: 60417
Ion Ratio Lower Upper
178 100
179 16.5 12.7 19.1
176 21.8 16.2 24.2

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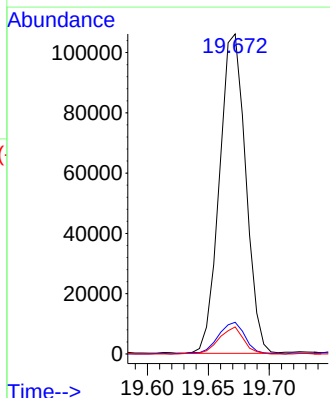
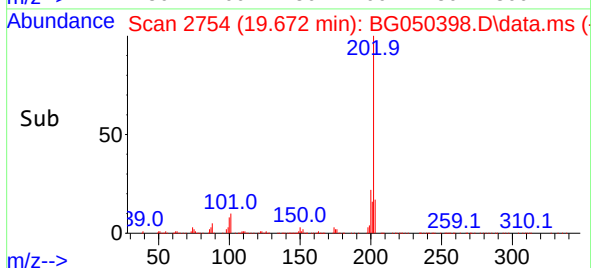
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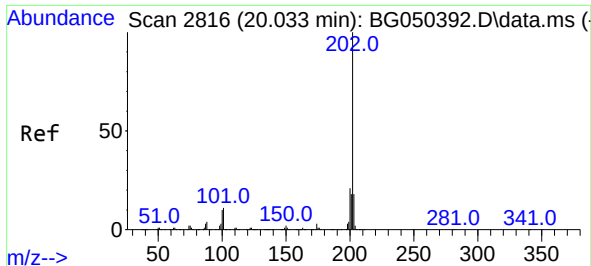


#80
Fluoranthene
Concen: 8.20 ng/ul
RT: 19.672 min Scan# 2754
Delta R.T. -0.003 min
Lab File: BG050398.D
Acq: 2 Oct 2021 21:03



Tgt Ion:202 Resp: 158985
Ion Ratio Lower Upper
202 100
101 9.9 7.7 11.5
100 8.4 6.6 10.0





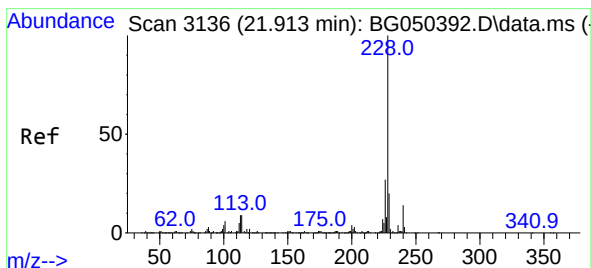
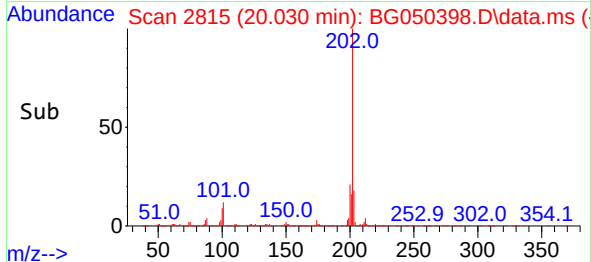
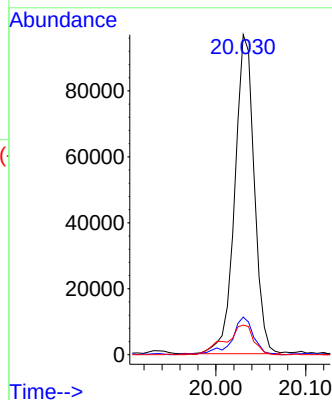
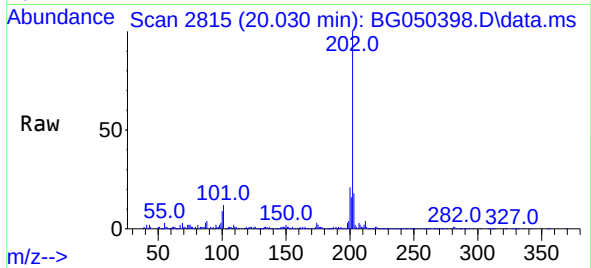
#82
Pyrene
Concen: 7.60 ng/ul
RT: 20.030 min Scan# 2815
Delta R.T. -0.008 min
Lab File: BG050398.D
Acq: 2 Oct 2021 21:03

Tgt Ion:202 Resp: 145292
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 9.2 7.6 11.4

Instrument :
BNA_G
ClientSampleId :
EW2N0

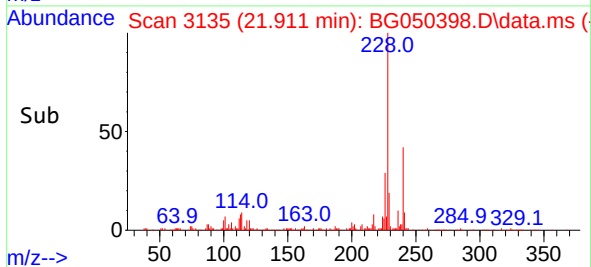
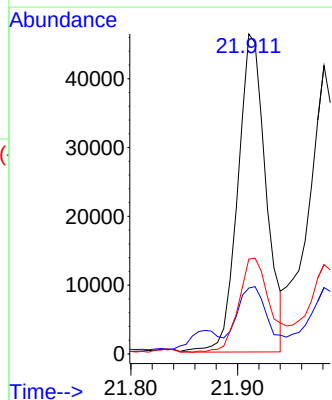
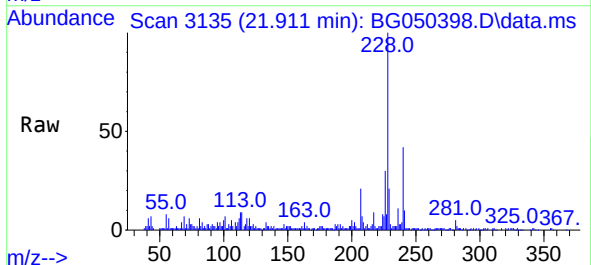
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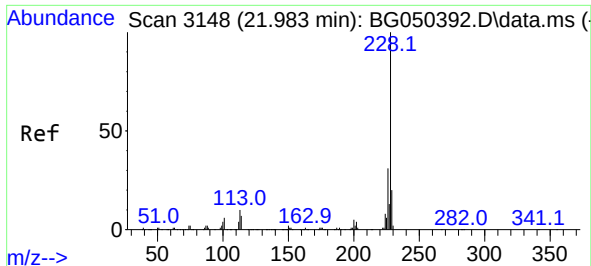
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#85
Benzo(a)anthracene
Concen: 4.84 ng/ul
RT: 21.911 min Scan# 3135
Delta R.T. -0.014 min
Lab File: BG050398.D
Acq: 2 Oct 2021 21:03

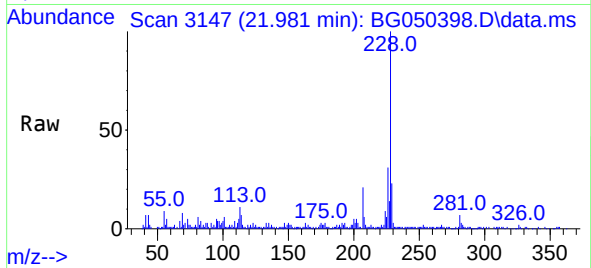
Tgt Ion:228 Resp: 84741
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 29.7 22.2 33.2





#87
Chrysene
Concen: 4.75 ng/ul
RT: 21.981 min Scan# 3147
Delta R.T. -0.014 min
Lab File: BG050398.D
Acq: 2 Oct 2021 21:03

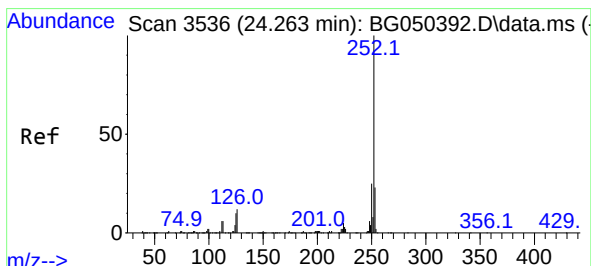
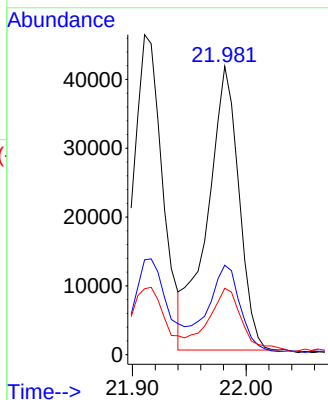
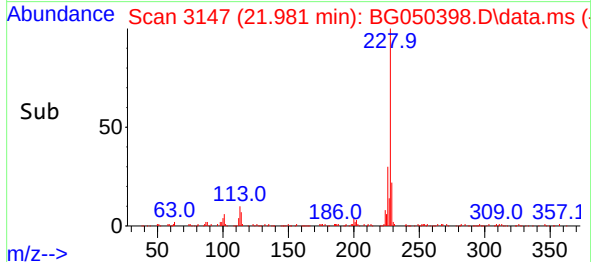
Instrument :
BNA_G
ClientSampled :
EW2N0



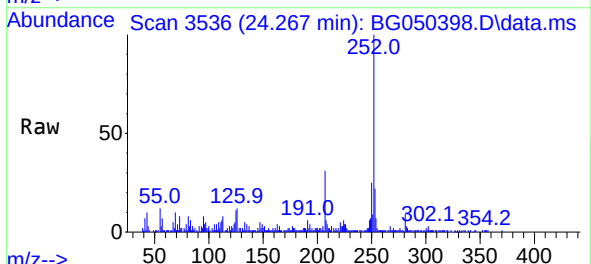
Tgt Ion:228 Resp: 79738
Ion Ratio Lower Upper
228 100
226 31.0 25.4 38.0
229 23.0 16.2 24.2

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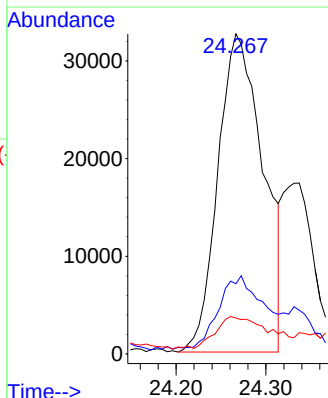
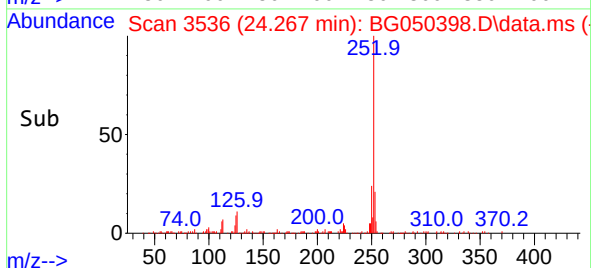
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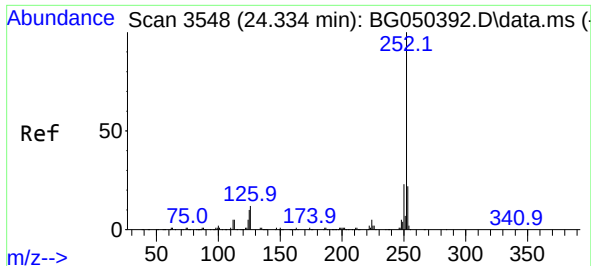


#90
Benzo(b)fluoranthene
Concen: 6.47 ng/ul
RT: 24.267 min Scan# 3536
Delta R.T. -0.014 min
Lab File: BG050398.D
Acq: 2 Oct 2021 21:03



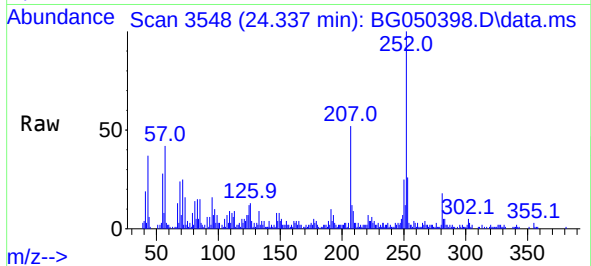
Tgt Ion:252 Resp: 113735
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 11.2 6.7 10.1#





#91
Benzo(k)fluoranthene
Concen: 2.54 ng/ul m
RT: 24.337 min Scan# 3548
Delta R.T. -0.014 min
Lab File: BG050398.D
Acq: 2 Oct 2021 21:03

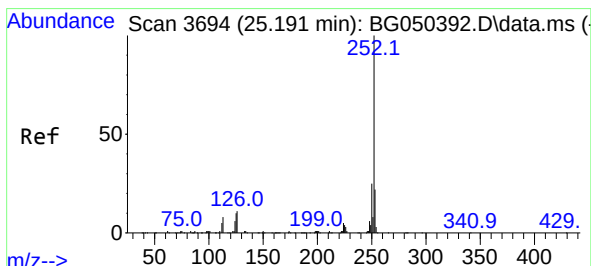
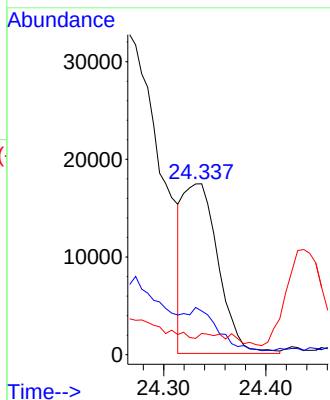
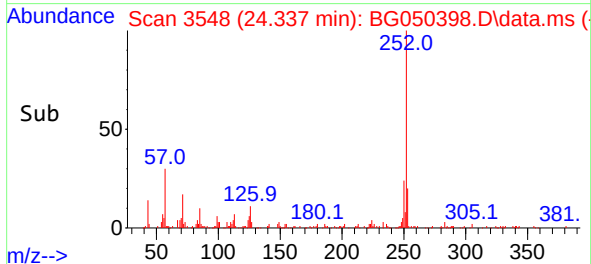
Instrument :
BNA_G
ClientSampled :
EW2N0



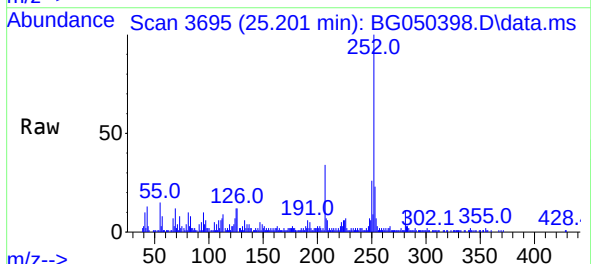
Tgt Ion:252 Resp: 41569
Ion Ratio Lower Upper
252 100
253 25.6 17.1 25.7
125 12.4 7.4 11.0#

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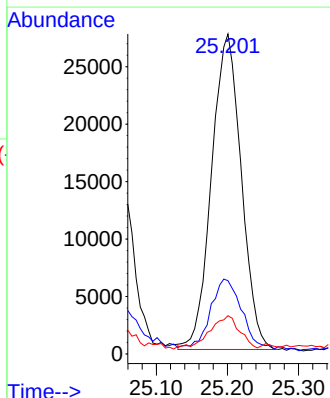
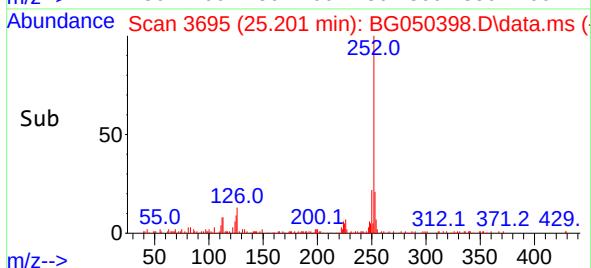
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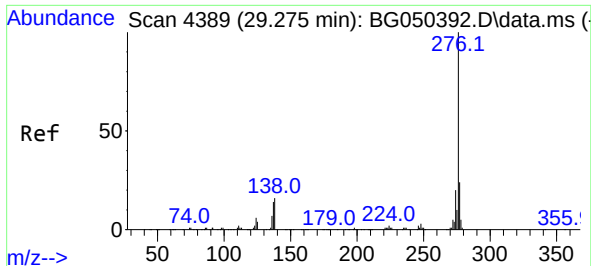


#93
Benzo(a)pyrene
Concen: 4.75 ng/ul
RT: 25.201 min Scan# 3695
Delta R.T. -0.014 min
Lab File: BG050398.D
Acq: 2 Oct 2021 21:03



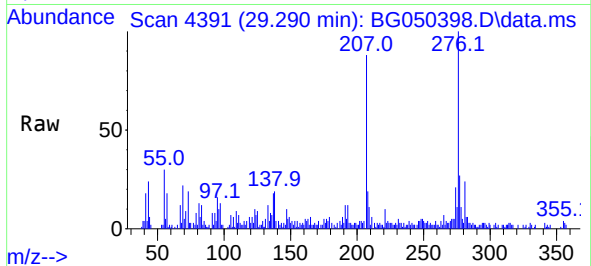
Tgt Ion:252 Resp: 79710
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 11.9 8.3 12.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.14 ng/ul
RT: 29.290 min Scan# 4391
Delta R.T. -0.026 min
Lab File: BG050398.D
Acq: 2 Oct 2021 21:03

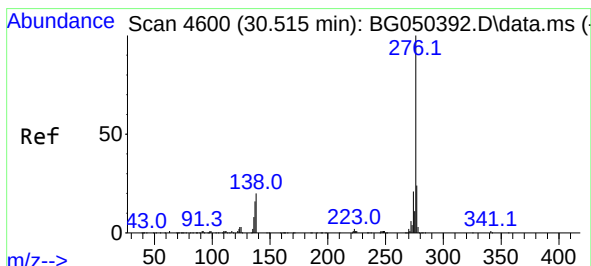
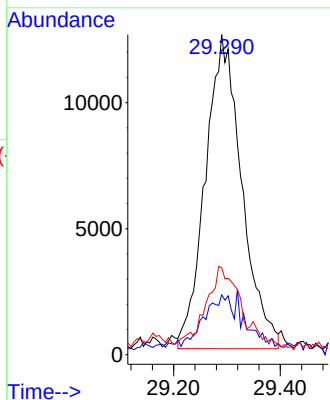
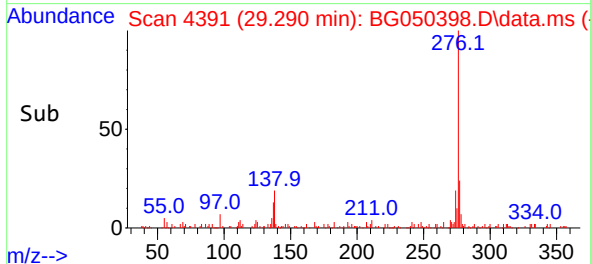
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ClientSampled :
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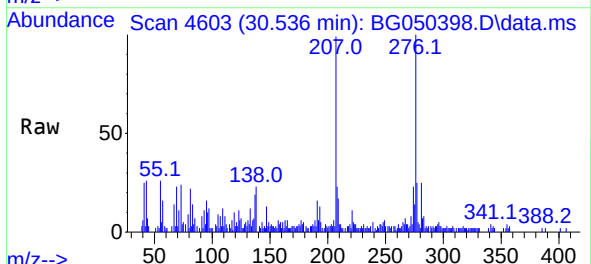
Tgt Ion:276 Resp: 59080
Ion Ratio Lower Upper
276 100
138 18.7 12.4 18.6#
277 27.2 18.5 27.7

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 3.50 ng/ul m
RT: 30.536 min Scan# 4603
Delta R.T. -0.020 min
Lab File: BG050398.D
Acq: 2 Oct 2021 21:03



Tgt Ion:276 Resp: 55564
Ion Ratio Lower Upper
276 100
138 22.6 14.1 21.1#
277 24.5 17.9 26.9

