

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
 Data File : BG050742.D
 Acq On : 27 Oct 2021 14:19
 Operator : CG/JU
 Sample : M4205-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B04

Manual Integrations
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mohammad
 10/28/2021 11:14:12 AM

Quant Time: Oct 27 14:58:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 26 18:31:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	29977	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	139947	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.869	164	97441	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.619	188	215740	20.000	ng/ul	0.00
79) Chrysene-d12	21.925	240	184369	20.000	ng/ul	# 0.00
88) Perylene-d12	25.351	264	180268	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	2418	3.178	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.384	99	39916	14.329	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.560	67	27219	15.187	ng/ul	0.00
11) 2-Chlorophenol-d4	7.771	132	28525	14.578	ng/ul	0.00
15) 4-Methylphenol-d8	8.941	113	30746	14.295	ng/ul	0.00
21) Nitrobenzene-d5	9.417	128	15482	14.494	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	16819	13.962	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.686	165	27861m	13.170	ng/ul	0.00
31) 4-Chloroaniline-d4	11.203	131	40367	13.002	ng/ul	0.00
46) Dimethylphthalate-d6	14.264	166	96927	14.085	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	120785	14.133	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	13018	10.453	ng/ul	0.00
60) Fluorene-d10	15.862	176	85676	14.487	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.974	200	11669	9.243	ng/ul	0.00
73) Anthracene-d10	17.719	188	137462	14.861	ng/ul	0.00
81) Pyrene-d10	19.992	212	155372	14.788	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.110	264	124975	13.475	ng/ul	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.660	178	13743	1.274	ng/ul	96
80) Fluoranthene	19.663	202	41735	3.117	ng/ul#	96
82) Pyrene	20.022	202	40742	3.111	ng/ul	96
85) Benzo(a)anthracene	21.908	228	27204	2.327	ng/ul	98
87) Chrysene	21.972	228	22317	2.005	ng/ul	95
90) Benzo(b)fluoranthene	24.258	252	32883	2.858	ng/ul#	97
91) Benzo(k)fluoranthene	24.323	252	14361m	1.339	ng/ul	
93) Benzo(a)pyrene	25.186	252	24228	2.197	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.270	276	15229	1.250	ng/ul	96
96) Benzo(g,h,i)perylene	30.504	276	11768m	1.156	ng/ul	

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

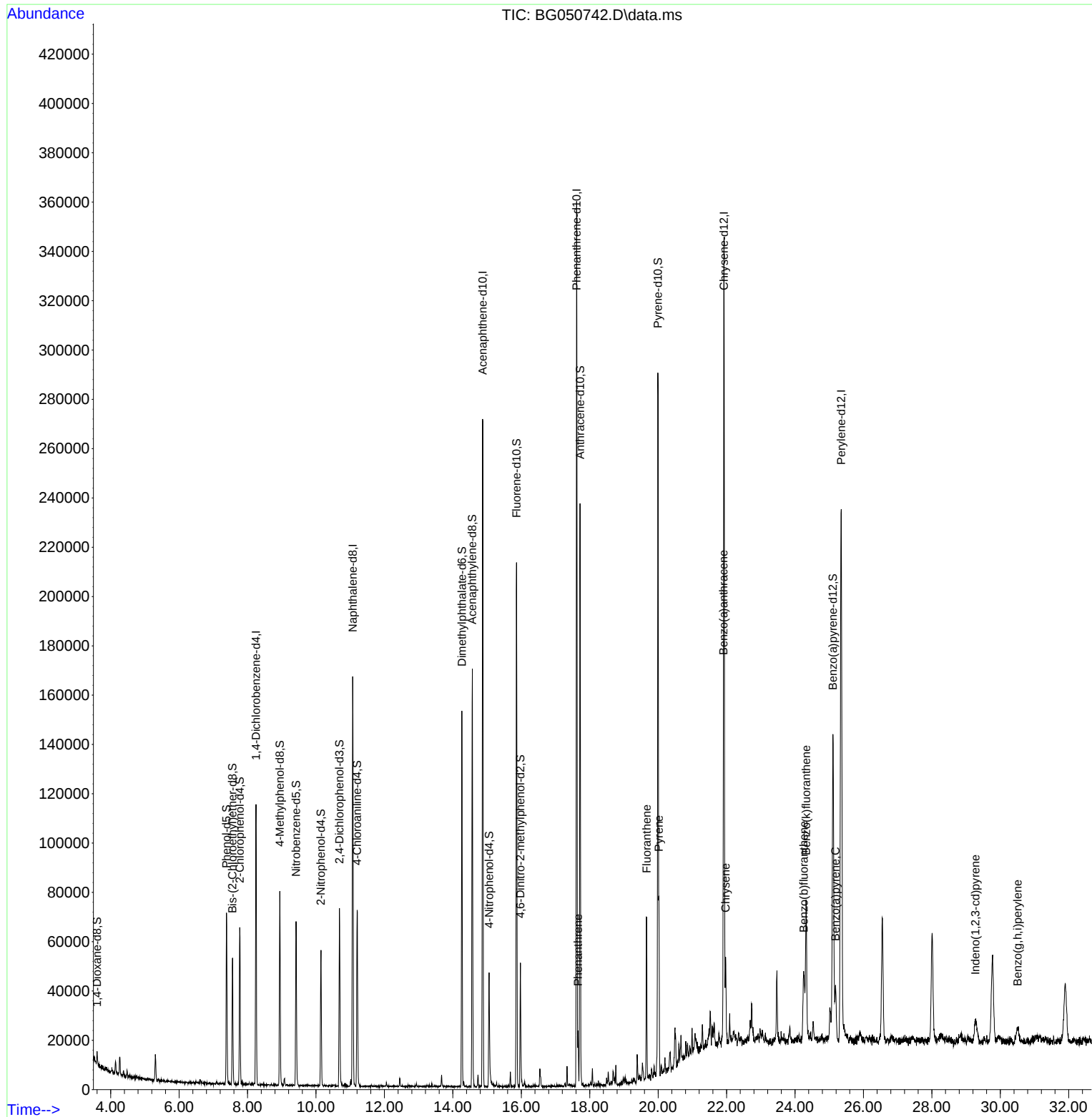
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050742.D
Acq On : 27 Oct 2021 14:19
Operator : CG/JU
Sample : M4205-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

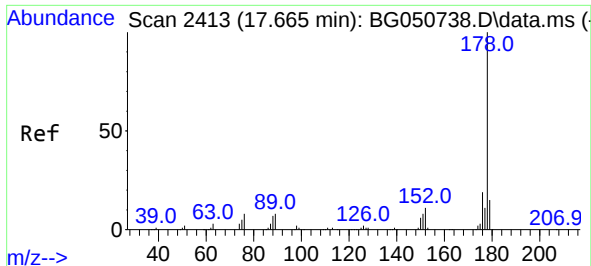
Instrument :
BNA_G
ClientSampleId :
C0B04

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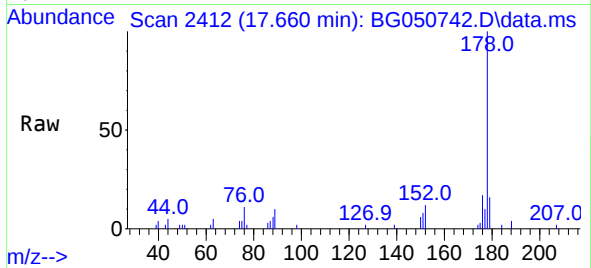
Quant Time: Oct 27 14:58:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 18:31:25 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.274 ng/ul
RT: 17.660 min Scan# 2412
Delta R.T. -0.008 min
Lab File: BG050742.D
Acq: 27 Oct 2021 14:19

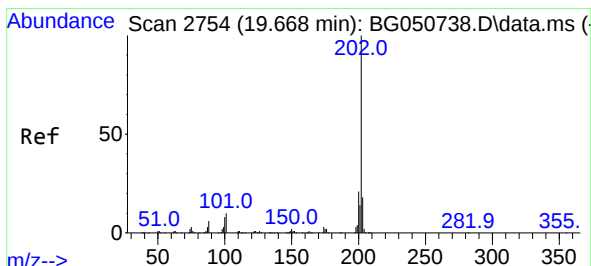
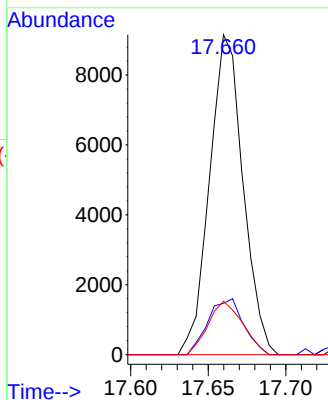
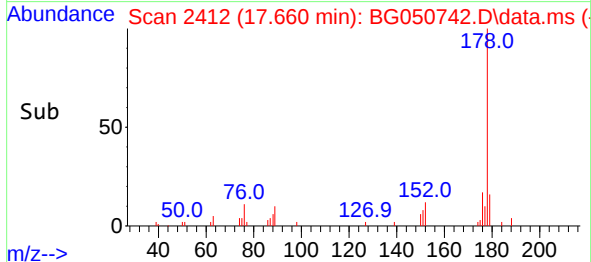
Instrument :
BNA_G
ClientSampled :
C0B04



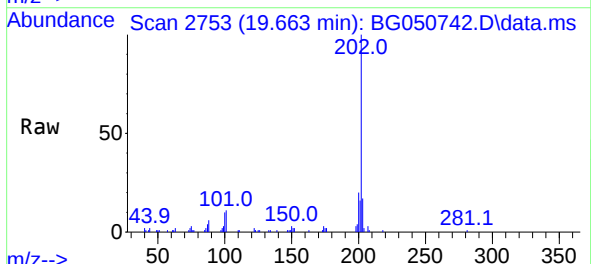
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Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 16.7 16.2 24.2

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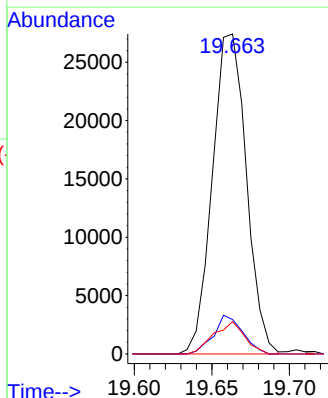
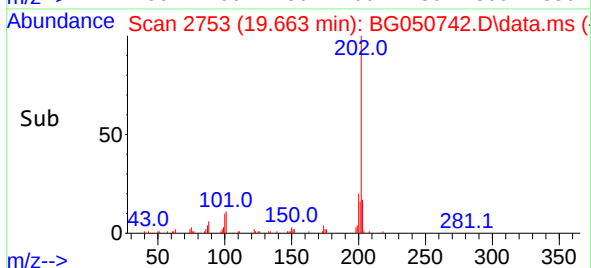
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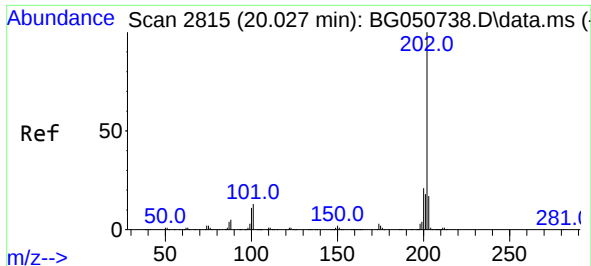


#80
Fluoranthene
Concen: 3.117 ng/ul
RT: 19.663 min Scan# 2753
Delta R.T. -0.003 min
Lab File: BG050742.D
Acq: 27 Oct 2021 14:19



Tgt Ion:202 Resp: 41735
Ion Ratio Lower Upper
202 100
101 10.7 7.7 11.5
100 10.1 6.6 10.0#





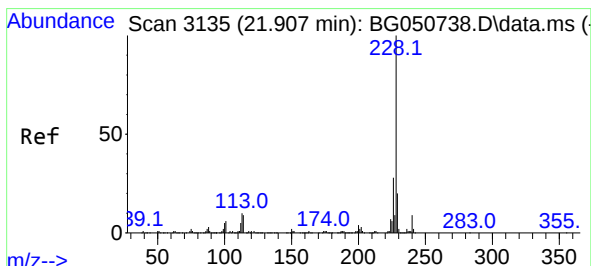
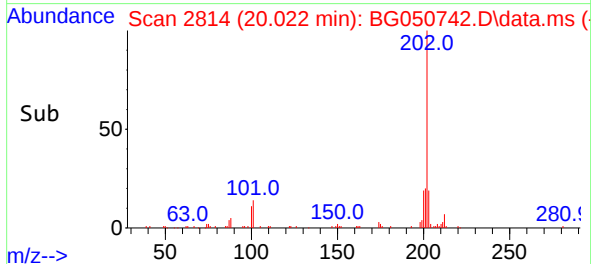
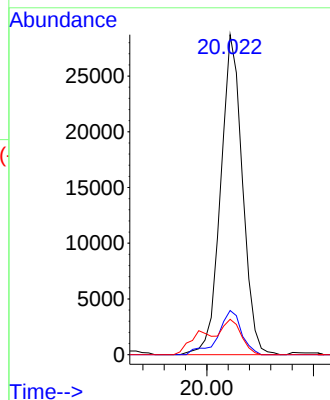
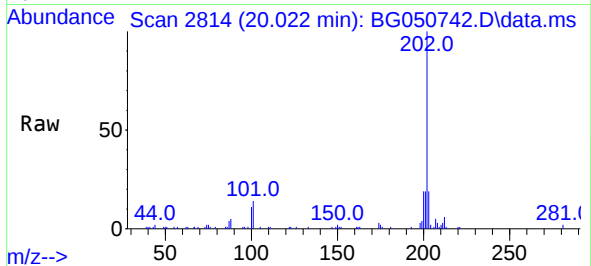
#82
Pyrene
Concen: 3.111 ng/ul
RT: 20.022 min Scan# 2814
Delta R.T. -0.008 min
Lab File: BG050742.D
Acq: 27 Oct 2021 14:19

Tgt Ion:202 Resp: 40742
Ion Ratio Lower Upper
202 100
101 13.8 9.7 14.5
100 11.1 7.6 11.4

Instrument :
BNA_G
ClientSampleId :
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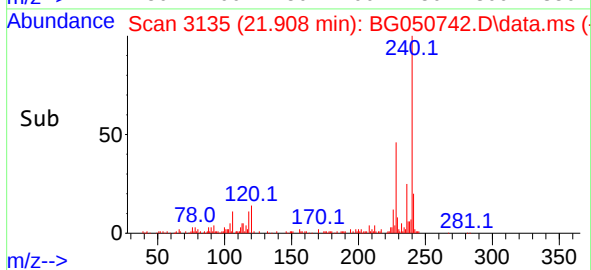
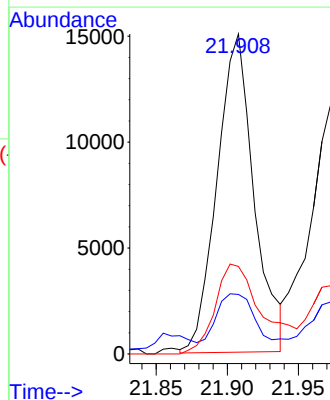
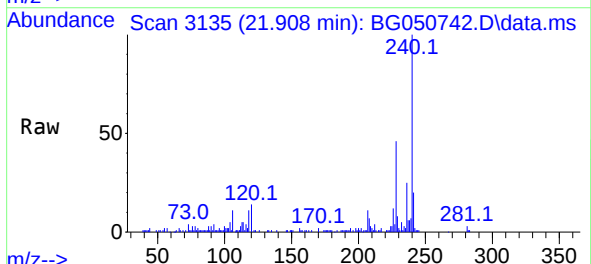
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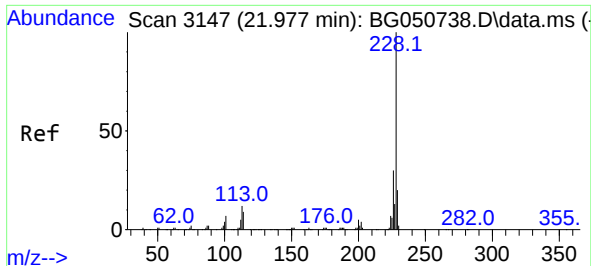
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#85
Benzo(a)anthracene
Concen: 2.327 ng/ul
RT: 21.908 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG050742.D
Acq: 27 Oct 2021 14:19

Tgt Ion:228 Resp: 27204
Ion Ratio Lower Upper
228 100
229 18.6 15.9 23.9
226 27.4 22.2 33.2





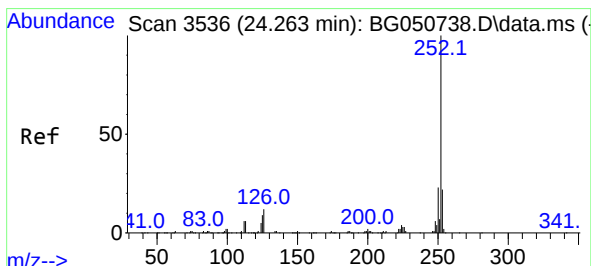
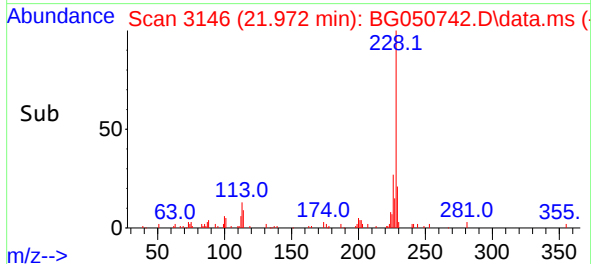
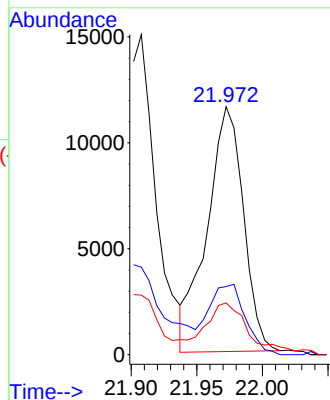
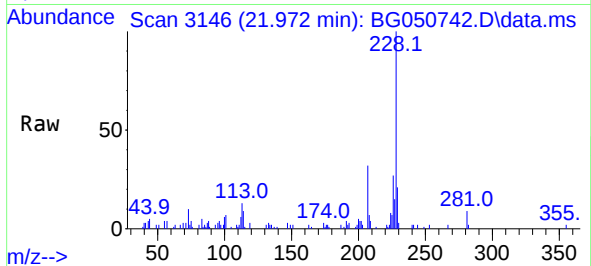
#87
Chrysene
Concen: 2.005 ng/u1
RT: 21.972 min Scan# 3146
Delta R.T. -0.008 min
Lab File: BG050742.D
Acq: 27 Oct 2021 14:19

Tgt Ion:	228	Resp:	22317
Ion Ratio	Lower	Upper	
228	100		
226	27.5	25.4	38.0
229	20.9	16.2	24.2

Instrument :
BNA_G
ClientSampleId :
C0B04

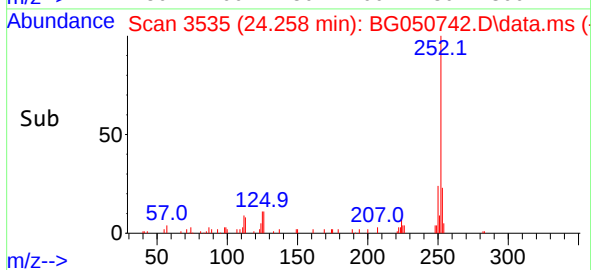
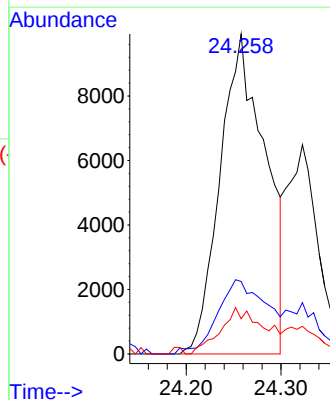
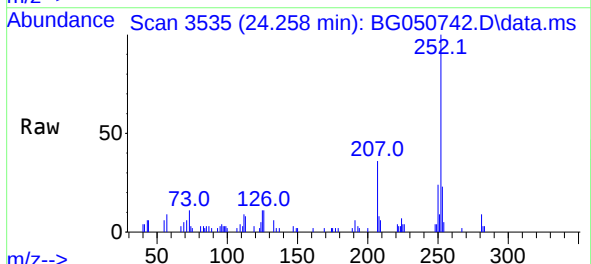
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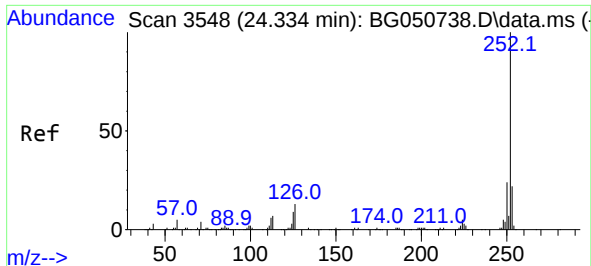
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#90
Benzo(b)fluoranthene
Concen: 2.858 ng/u1
RT: 24.258 min Scan# 3535
Delta R.T. -0.008 min
Lab File: BG050742.D
Acq: 27 Oct 2021 14:19

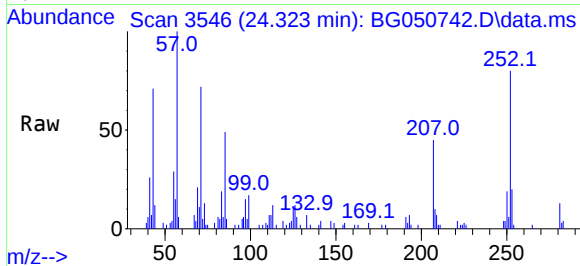
Tgt Ion:	252	Resp:	32883
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	11.0	6.7	10.1#





#91
Benzo(k)fluoranthene
Concen: 1.339 ng/ul m
RT: 24.323 min Scan# 3546
Delta R.T. -0.014 min
Lab File: BG050742.D
Acq: 27 Oct 2021 14:19

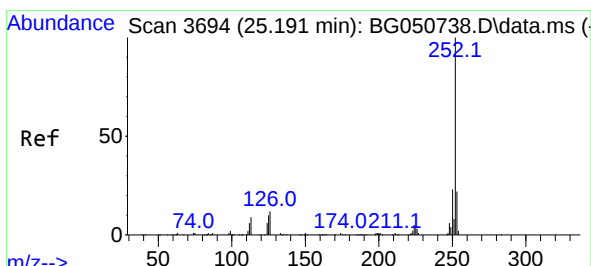
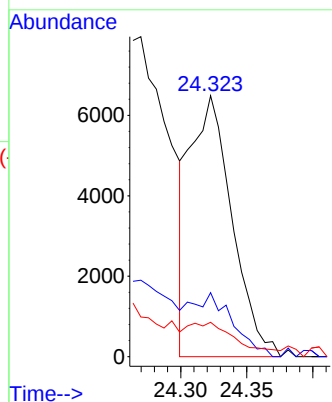
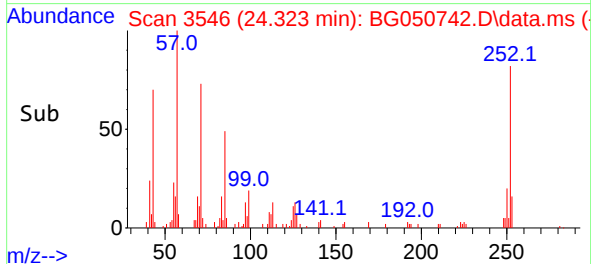
Instrument :
BNA_G
ClientSampled :
C0B04



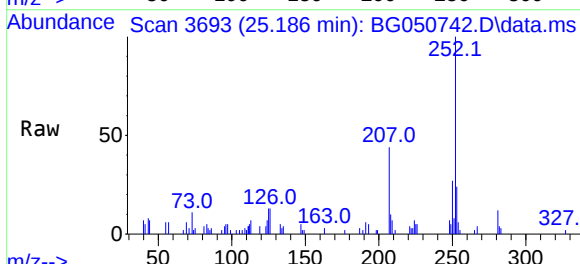
Tgt Ion:252 Resp: 14361
Ion Ratio Lower Upper
252 100
253 24.5 17.1 25.7
125 13.2 7.4 11.0#

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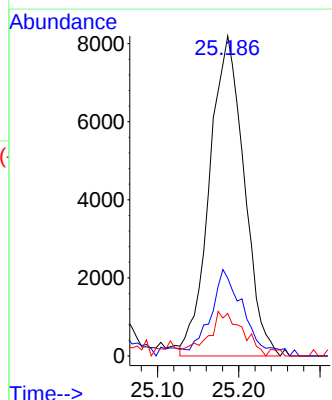
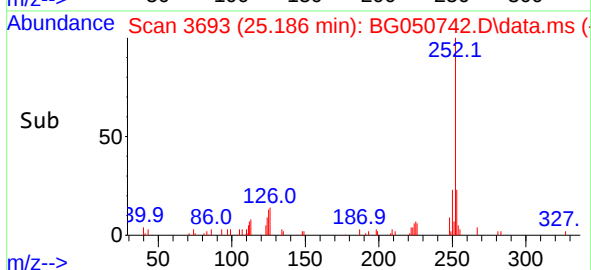
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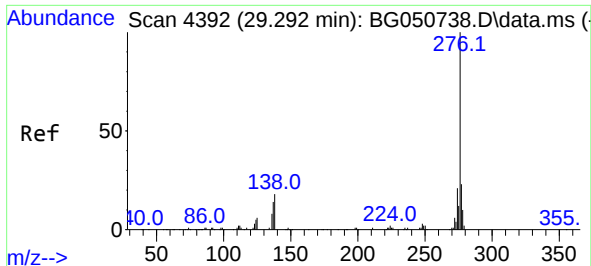


#93
Benzo(a)pyrene
Concen: 2.197 ng/ul
RT: 25.186 min Scan# 3693
Delta R.T. -0.014 min
Lab File: BG050742.D
Acq: 27 Oct 2021 14:19



Tgt Ion:252 Resp: 24228
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 13.3 8.3 12.5#





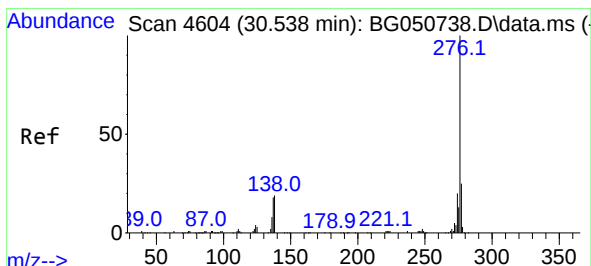
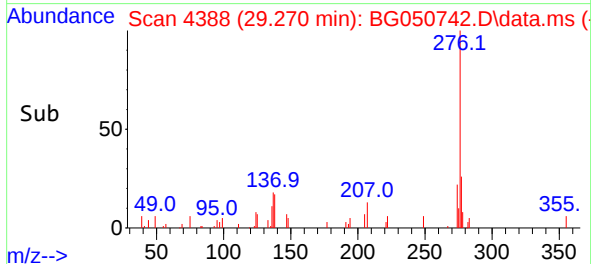
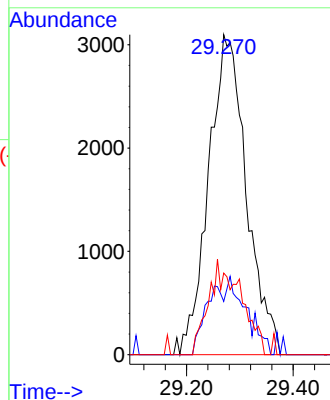
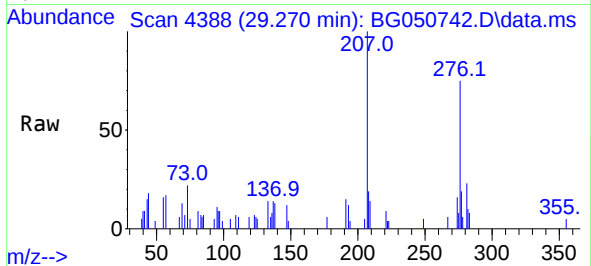
#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.250 ng/ul
 RT: 29.270 min Scan# 4388
 Delta R.T. -0.032 min
 Lab File: BG050742.D
 Acq: 27 Oct 2021 14:19

Tgt Ion:	276	Resp:	15229
Ion Ratio	Lower	Upper	
276	100		
138	16.7	12.4	18.6
277	25.5	18.5	27.7

Instrument :
 BNA_G
 ClientSampled :
 C0B04

Manual Integrations
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#96
 Benzo(g,h,i)perylene
 Concen: 1.156 ng/ul m
 RT: 30.504 min Scan# 4598
 Delta R.T. -0.038 min
 Lab File: BG050742.D
 Acq: 27 Oct 2021 14:19

Tgt Ion:	276	Resp:	11768
Ion Ratio	Lower	Upper	
276	100		
138	19.4	14.1	21.1
277	19.1	17.9	26.9

