

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050040.D
 Acq On : 30 Aug 2021 20:31
 Operator : CG/JU
 Sample : M3472-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC1

Manual Integrations
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mohammad
 8/31/2021 11:35:41 AM

Quant Time: Aug 31 01:01:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	27787	20.000	ng/ul	0.01
20) Naphthalene-d8	10.785	136	112812	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	79510	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.376	188	164755	20.000	ng/ul	0.00
79) Chrysene-d12	21.653	240	145001	20.000	ng/ul	# 0.00
88) Perylene-d12	24.878	264	154528	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1467	2.722	ng/uL	0.00
4) Pyridine-d5	3.753	84	14425	8.887	ng/ul	0.01
7) Phenol-d5	7.137	99	41475	17.577	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.278	67	23293	17.769	ng/ul	0.00
11) 2-Chlorophenol-d4	7.501	132	33370	18.901	ng/ul	0.01
15) 4-Methylphenol-d8	8.682	113	33204	17.868	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	17434	19.934	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	20137	19.336	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.415	165	35512	19.118	ng/ul	0.01
31) 4-Chloroaniline-d4	10.920	131	39285	15.538	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	125298	20.591	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	153803	21.557	ng/ul	0.00
54) 4-Nitrophenol-d4	14.856	143	15002	17.040	ng/ul	0.01
60) Fluorene-d10	15.620	176	110465	21.411	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.755	200	11272	10.634	ng/ul	0.00
73) Anthracene-d10	17.476	188	178517	24.129	ng/ul	0.00
81) Pyrene-d10	19.767	212	203242	25.938	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.660	264	188443	22.986	ng/ul	0.01
Target Compounds					Qvalue	
30) Naphthalene	10.838	128	8703m	1.543	ng/ul	
36) 2-Methylnaphthalene	12.448	142	7097	1.693	ng/ul#	78
37) 1-Methylnaphthalene	12.659	142	6438	1.522	ng/ul	92
72) Phenanthrene	17.423	178	53796	6.550	ng/ul	98
74) Anthracene	17.511	178	14738	1.771	ng/ul	98
80) Fluoranthene	19.438	202	70158	7.256	ng/ul	99
82) Pyrene	19.796	202	56939	5.943	ng/ul	98
85) Benzo(a)anthracene	21.635	228	33725	3.733	ng/ul	97
87) Chrysene	21.700	228	31594	3.699	ng/ul	96
90) Benzo(b)fluoranthene	23.862	252	43803	4.431	ng/ul#	91
91) Benzo(k)fluoranthene	23.909	252	15843	1.686	ng/ul#	85
93) Benzo(a)pyrene	24.731	252	32689	3.808	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.567	276	25764m	2.275	ng/ul	
96) Benzo(g,h,i)perylene	29.718	276	22027m	2.314	ng/ul	

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

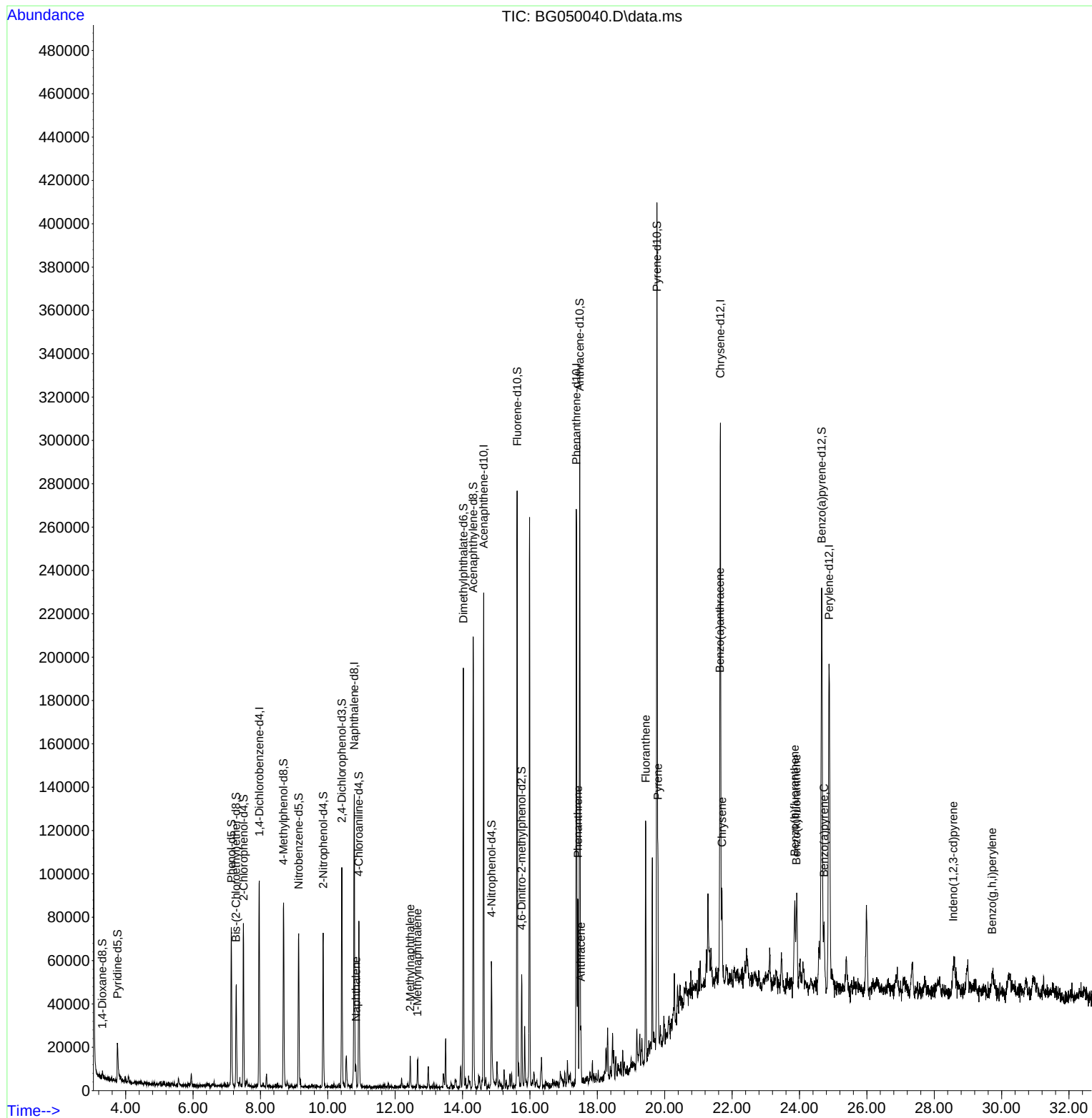
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050040.D
Acq On : 30 Aug 2021 20:31
Operator : CG/JU
Sample : M3472-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

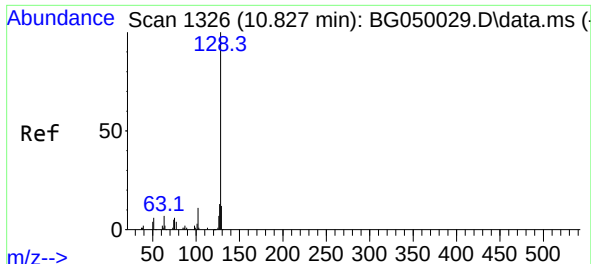
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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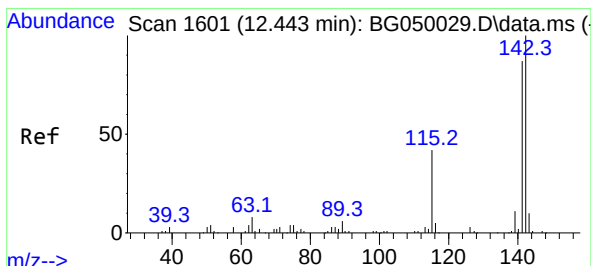
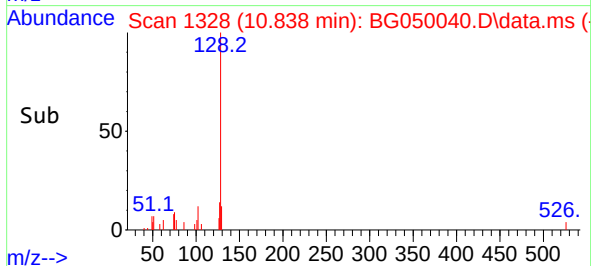
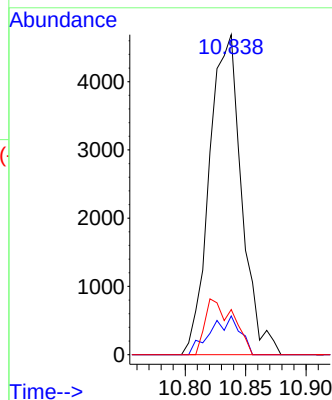
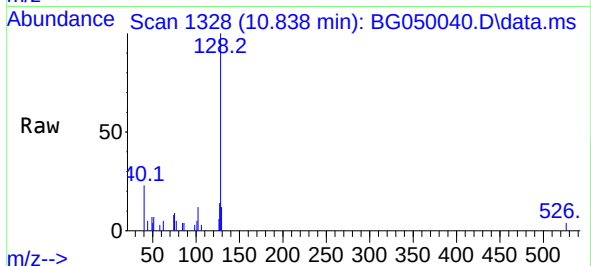
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Naphthalene
Concen: 1.543 ng/ul m
RT: 10.838 min Scan# 1328
Delta R.T. 0.011 min
Lab File: BG050040.D
Acq: 30 Aug 2021 20:31

Tgt Ion:	128	Resp:	8703
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.3	13.9
127	14.1	9.8	14.6

Instrument :
BNA_G
ClientSampled :
C0AC1

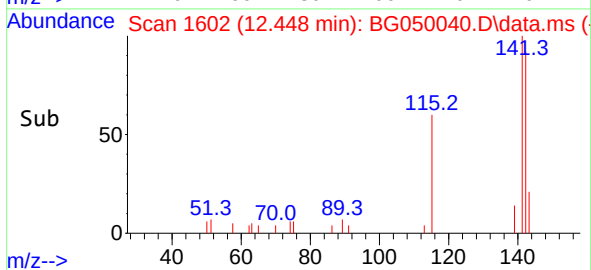
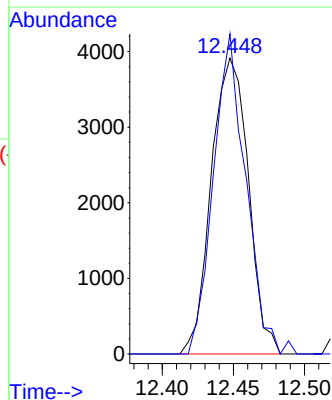
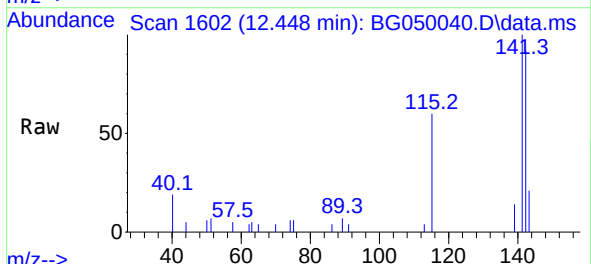
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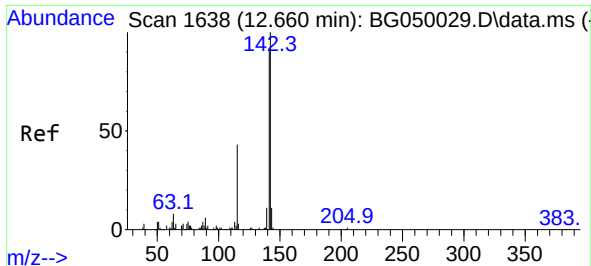
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#36
2-Methylnaphthalene
Concen: 1.693 ng/ul
RT: 12.448 min Scan# 1602
Delta R.T. 0.005 min
Lab File: BG050040.D
Acq: 30 Aug 2021 20:31

Tgt Ion:	142	Resp:	7097
Ion Ratio	Lower	Upper	
142	100		
141	108.2	70.5	105.7#





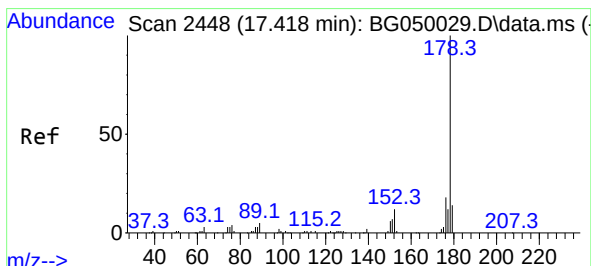
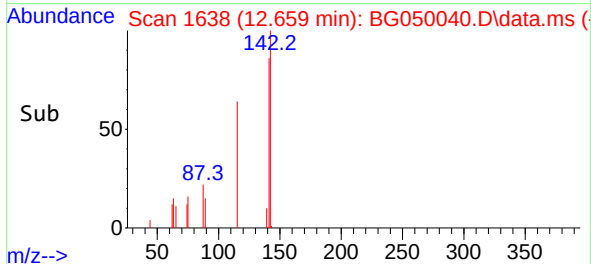
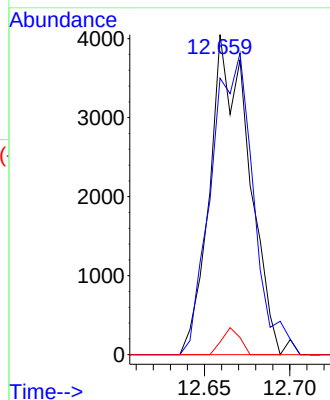
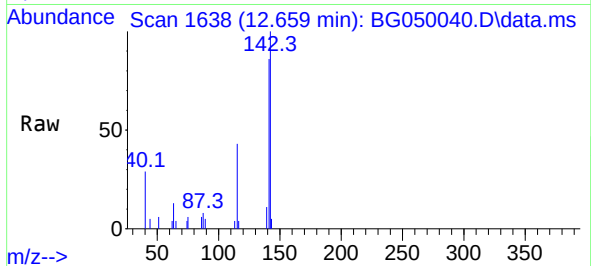
#37
1-Methylnaphthalene
Concen: 1.522 ng/ul
RT: 12.659 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BG050040.D
Acq: 30 Aug 2021 20:31

Tgt Ion:	142	Resp:	6438
Ion	Ratio	Lower	Upper
142	100		
141	86.4	75.8	113.8
116	3.9	3.7	5.5

Instrument :
BNA_G
ClientSampled :
C0AC1

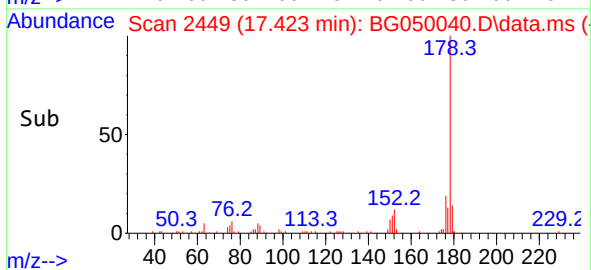
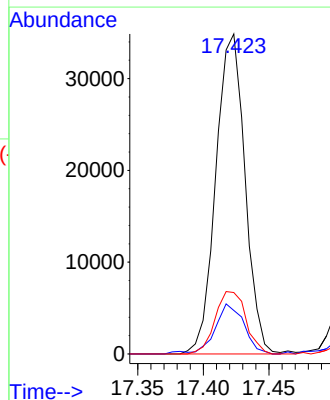
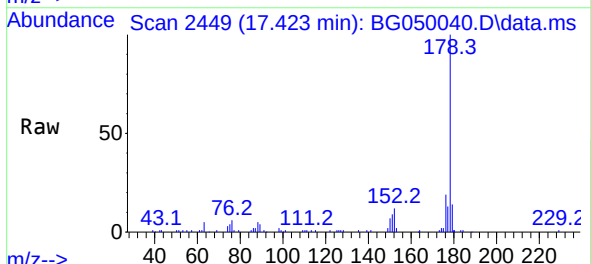
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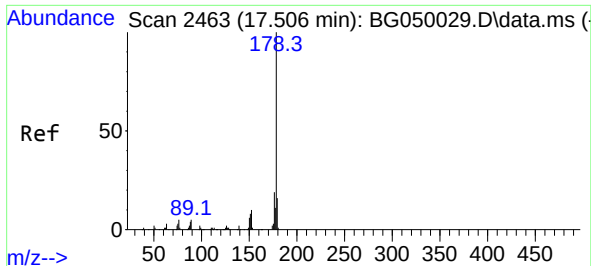
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#72
Phenanthrene
Concen: 6.550 ng/ul
RT: 17.423 min Scan# 2449
Delta R.T. 0.005 min
Lab File: BG050040.D
Acq: 30 Aug 2021 20:31

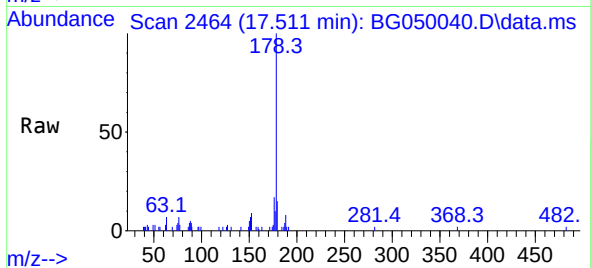
Tgt Ion:	178	Resp:	53796
Ion	Ratio	Lower	Upper
178	100		
179	13.6	11.7	17.5
176	19.2	16.2	24.2





#74
 Anthracene
 Concen: 1.771 ng/ul
 RT: 17.511 min Scan# 2464
 Delta R.T. 0.005 min
 Lab File: BG050040.D
 Acq: 30 Aug 2021 20:31

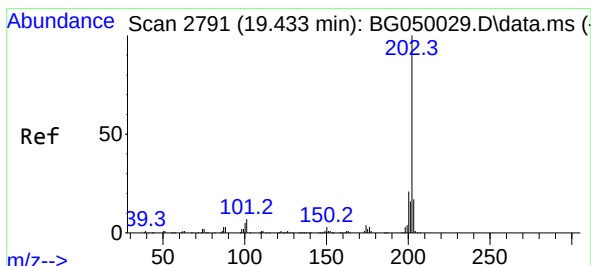
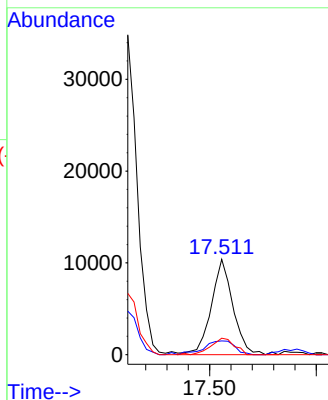
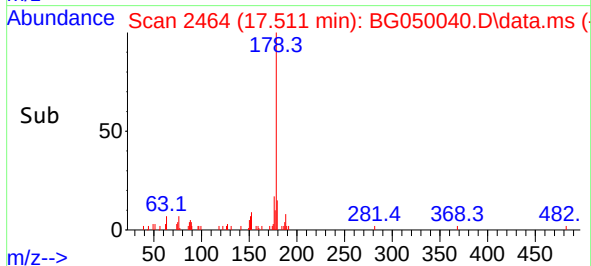
Instrument :
 BNA_G
 ClientSampled :
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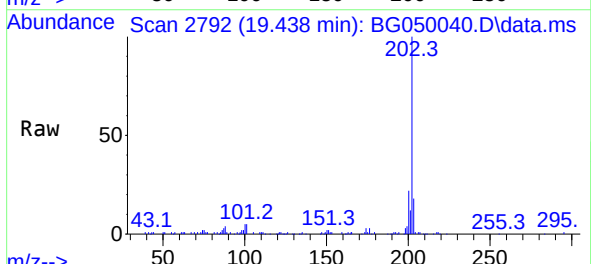
Tgt Ion:178 Resp: 14738
 Ion Ratio Lower Upper
 178 100
 179 14.5 11.4 17.0
 176 17.2 12.8 19.2

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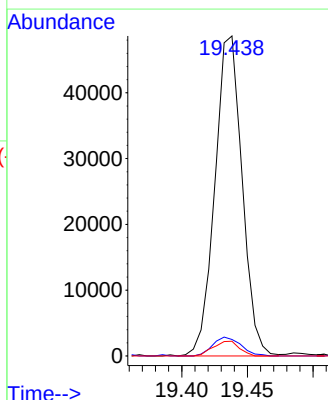
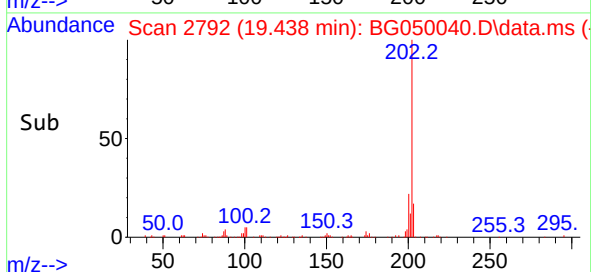
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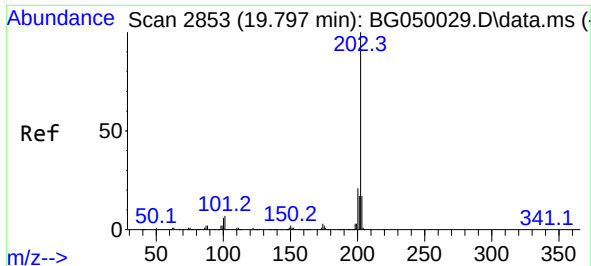


#80
 Fluoranthene
 Concen: 7.256 ng/ul
 RT: 19.438 min Scan# 2792
 Delta R.T. 0.005 min
 Lab File: BG050040.D
 Acq: 30 Aug 2021 20:31



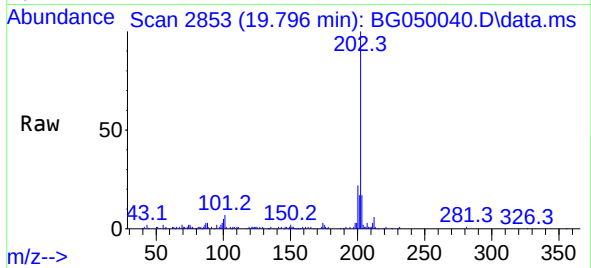
Tgt Ion:202 Resp: 70158
 Ion Ratio Lower Upper
 202 100
 101 5.1 4.3 6.5
 100 4.6 3.5 5.3





#82
Pyrene
Concen: 5.943 ng/u1
RT: 19.796 min Scan# 2853
Delta R.T. -0.001 min
Lab File: BG050040.D
Acq: 30 Aug 2021 20:31

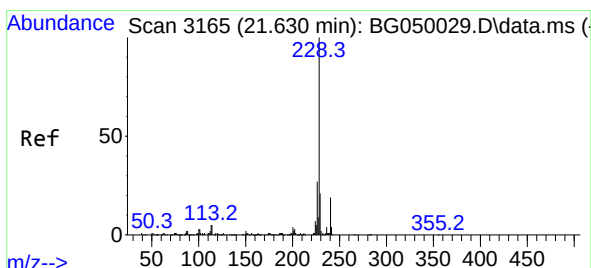
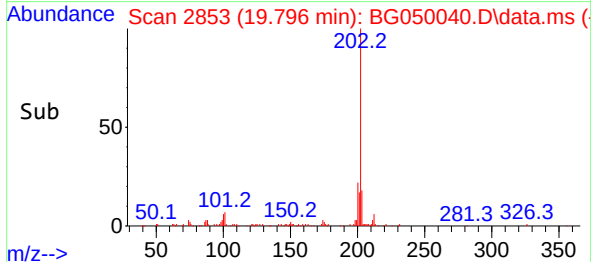
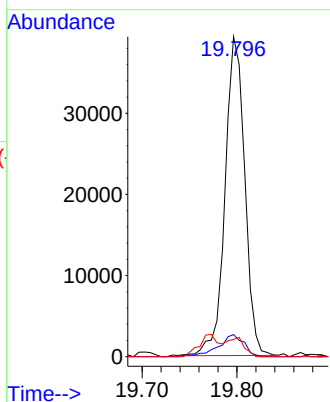
Instrument :
BNA_G
ClientSampled :
C0AC1



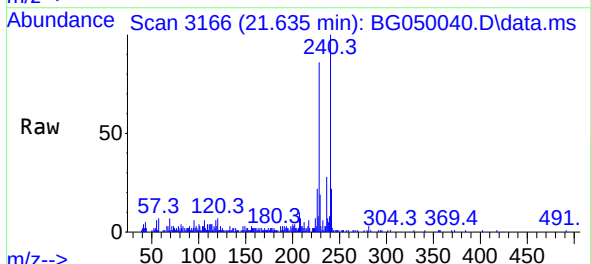
Tgt Ion:202 Resp: 56939
Ion Ratio Lower Upper
202 100
101 6.9 5.4 8.0
100 5.4 5.0 7.6

Manual Integrations
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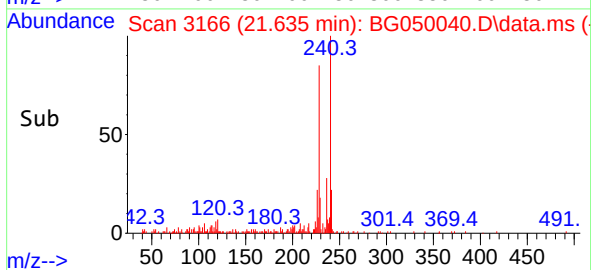
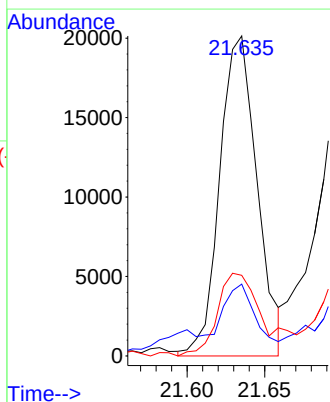
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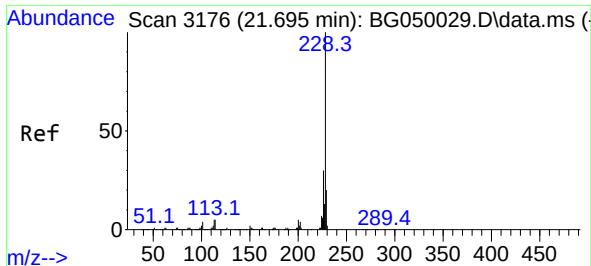


#85
Benzo(a)anthracene
Concen: 3.733 ng/u1
RT: 21.635 min Scan# 3166
Delta R.T. 0.005 min
Lab File: BG050040.D
Acq: 30 Aug 2021 20:31

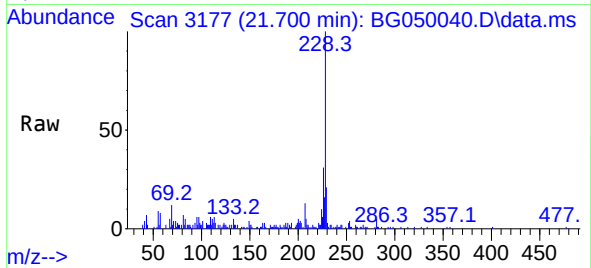


Tgt Ion:228 Resp: 33725
Ion Ratio Lower Upper
228 100
229 22.5 16.2 24.4
226 25.2 21.0 31.4

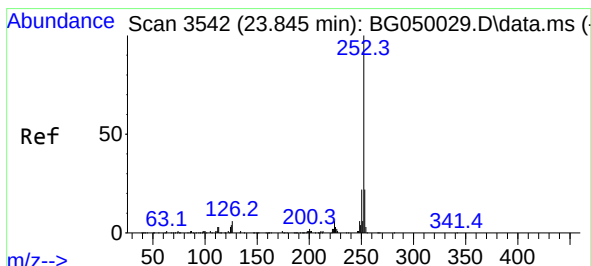
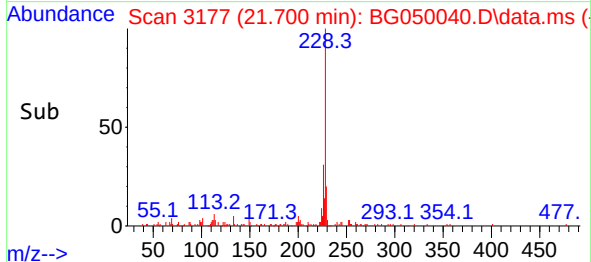
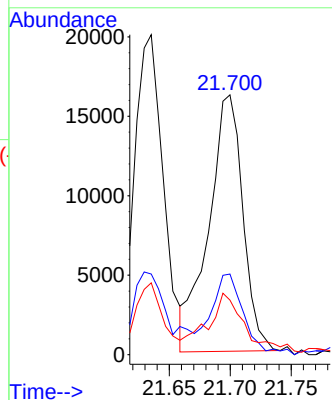




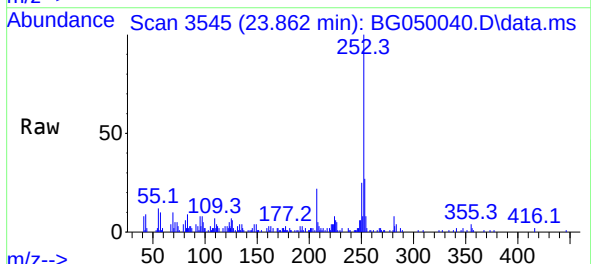
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Chrysene
Concen: 3.699 ng/ul
RT: 21.700 min Scan# 3177
Delta R.T. 0.005 min
Lab File: BG050040.D
Acq: 30 Aug 2021 20:31



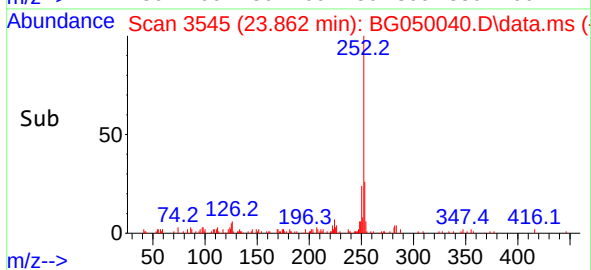
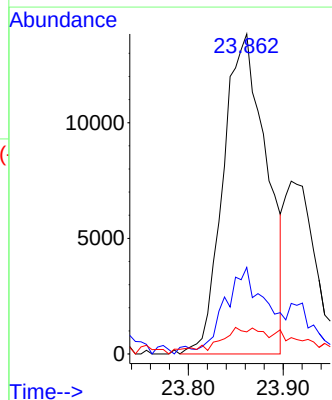
Tgt Ion:228 Resp: 31594
Ion Ratio Lower Upper
228 100
226 31.0 23.0 34.4
229 21.0 17.8 26.6



#90
Benzo(b)fluoranthene
Concen: 4.431 ng/ul
RT: 23.862 min Scan# 3545
Delta R.T. 0.017 min
Lab File: BG050040.D
Acq: 30 Aug 2021 20:31



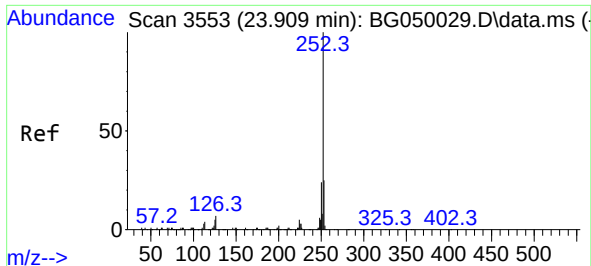
Tgt Ion:252 Resp: 43803
Ion Ratio Lower Upper
252 100
253 27.0 18.1 27.1
125 6.9 3.4 5.0#



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ClientSampled :
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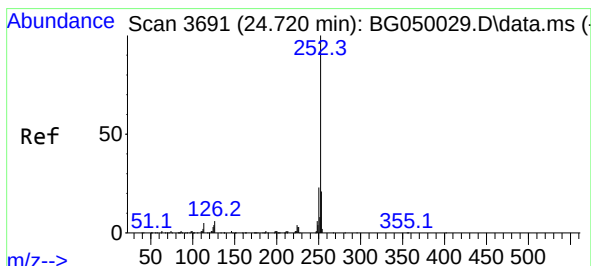
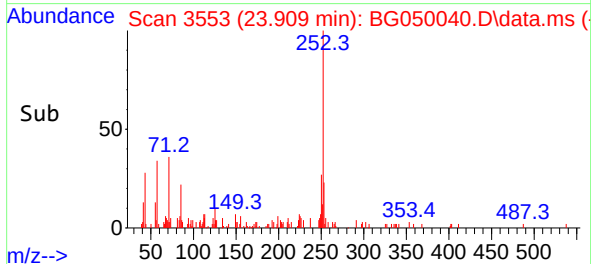
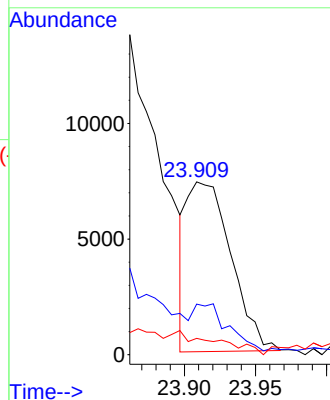
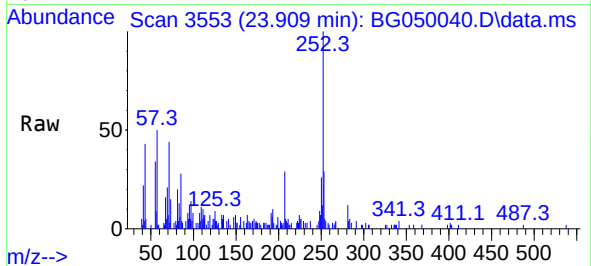
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Benzo(k)fluoranthene
Concen: 1.686 ng/ul
RT: 23.909 min Scan# 3553
Delta R.T. -0.001 min
Lab File: BG050040.D
Acq: 30 Aug 2021 20:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.7	26.5#
125	9.4	4.1	6.1#

Instrument :
BNA_G
ClientSampled :
C0AC1

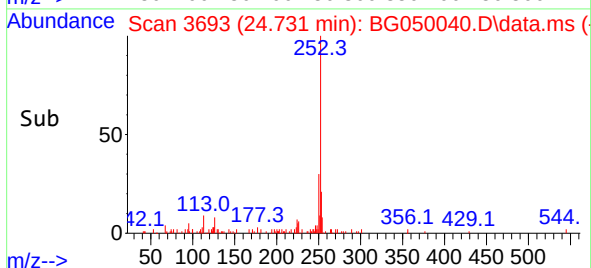
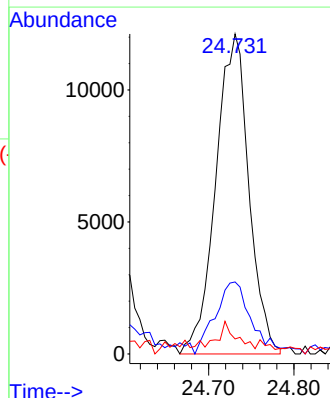
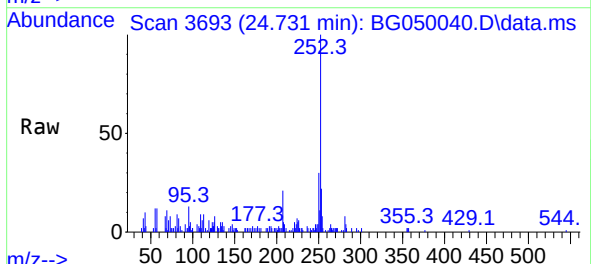
Manual Integrations
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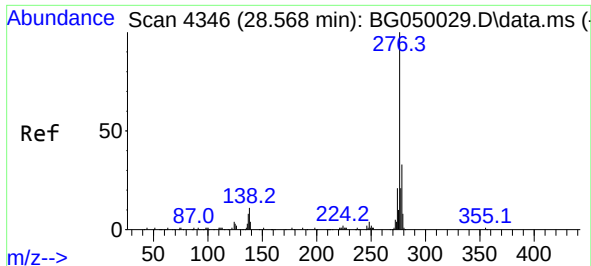
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#93
Benzo(a)pyrene
Concen: 3.808 ng/ul
RT: 24.731 min Scan# 3693
Delta R.T. 0.011 min
Lab File: BG050040.D
Acq: 30 Aug 2021 20:31

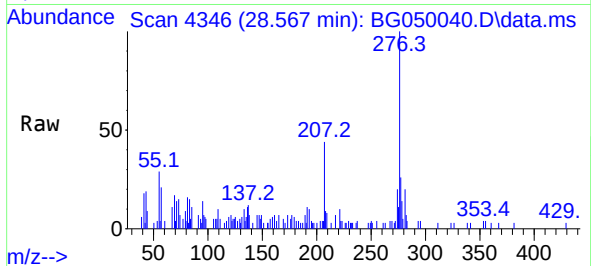
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	4.7	4.4	6.6





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.275 ng/ul m
RT: 28.567 min Scan# 4346
Delta R.T. -0.001 min
Lab File: BG050040.D
Acq: 30 Aug 2021 20:31

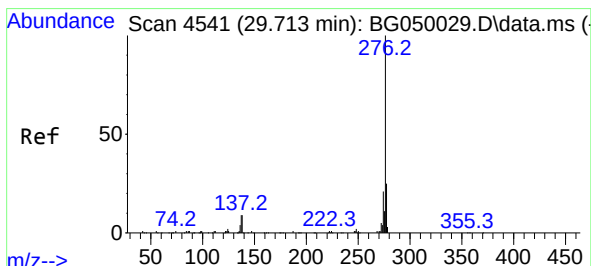
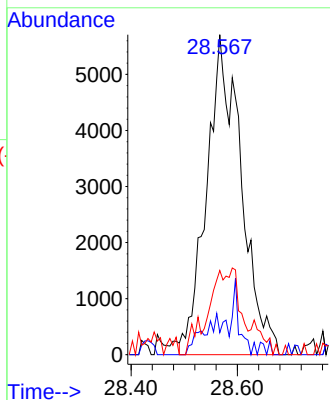
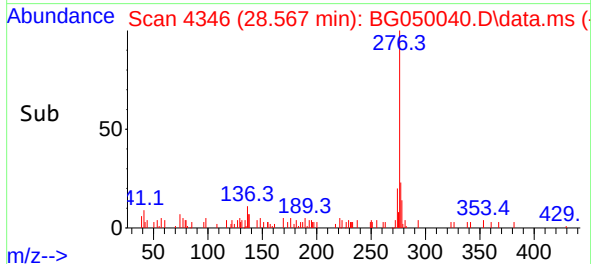
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BNA_G
ClientSampled :
C0AC1



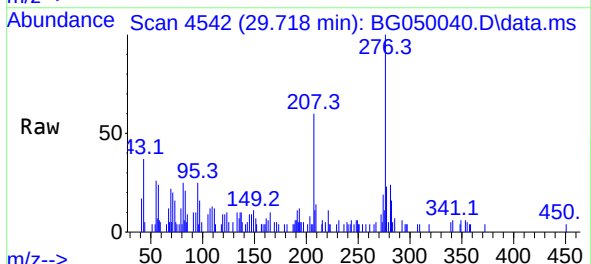
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Ion Ratio Lower Upper
276 100
138 6.9 5.5 8.3
277 26.3 18.6 27.8

Manual Integrations
APPROVED

mohammad
8/31/2021 11:35:41 AM



#96
Benzo(g,h,i)perylene
Concen: 2.314 ng/ul m
RT: 29.718 min Scan# 4542
Delta R.T. 0.005 min
Lab File: BG050040.D
Acq: 30 Aug 2021 20:31



Tgt Ion:276 Resp: 22027
Ion Ratio Lower Upper
276 100
138 4.7 8.6 13.0#
277 23.3 17.4 26.0

