

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049800.D
 Acq On : 11 Aug 2021 23:07
 Operator : CG/JU
 Sample : M3287-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB11

Manual Integrations
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Quant Time: Aug 12 01:33:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	29770	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	126122	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	84553	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.435	188	167498	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.724	240	144884	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	149812	20.000	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	2046	3.213	ng/uL	0.00
4) Pyridine-d5	3.848	84	14660	7.672	ng/ul	0.00
7) Phenol-d5	7.196	99	40000	14.805	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	21570	13.899	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	30113	15.572	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	31350	15.218	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	16830	16.940	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	18840	16.605	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.480	165	35065	16.390	ng/ul	0.00
31) 4-Chloroaniline-d4	10.985	131	25832	8.820	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	111129	16.748	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	137815	17.458	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	13409	12.499	ng/ul	0.00
60) Fluorene-d10	15.679	176	100780	17.670	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	13303	11.800	ng/ul	0.00
73) Anthracene-d10	17.535	188	142971m	18.083	ng/ul	0.00
81) Pyrene-d10	19.826	212	155117	19.431	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.784	264	137762	16.782	ng/ul	0.02
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.416	152	9702	1.303	ng/ul	95
72) Phenanthrene	17.482	178	60139	6.784	ng/ul	98
74) Anthracene	17.571	178	102034	11.506	ng/ul	99
77) Carbazole	17.841	167	9567	1.207	ng/ul#	91
80) Fluoranthene	19.491	202	384125	38.990	ng/ul	98
82) Pyrene	19.856	202	320650	32.632	ng/ul	99
85) Benzo(a)anthracene	21.700	228	183781	19.320	ng/ul	95
87) Chrysene	21.771	228	189264	21.304	ng/ul	97
90) Benzo(b)fluoranthene	23.962	252	206230	21.062	ng/ul#	87
91) Benzo(k)fluoranthene	24.027	252	81417m	8.374	ng/ul	
93) Benzo(a)pyrene	24.855	252	124489m	14.442	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.779	276	70700	6.250	ng/ul#	90
95) Dibenzo(a,h)anthracene	28.802	278	26539m	2.812	ng/ul	
96) Benzo(g,h,i)perylene	29.966	276	52293	5.559	ng/ul#	86

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

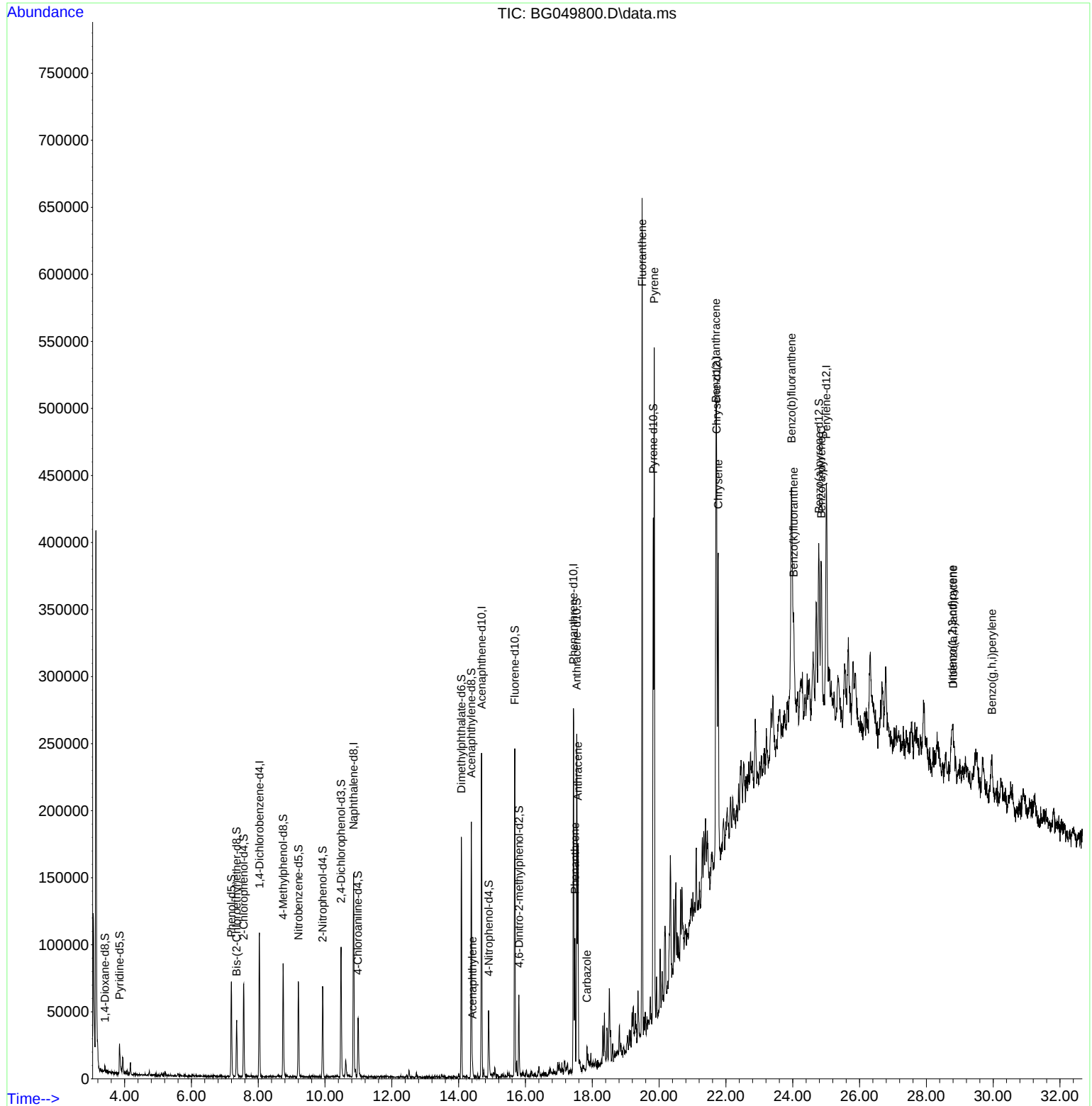
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Data File : BG049800.D
Acq On : 11 Aug 2021 23:07
Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

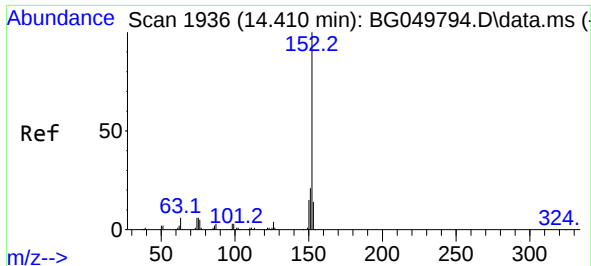
Instrument :
BNA_G
ClientSampleId :
BGB11

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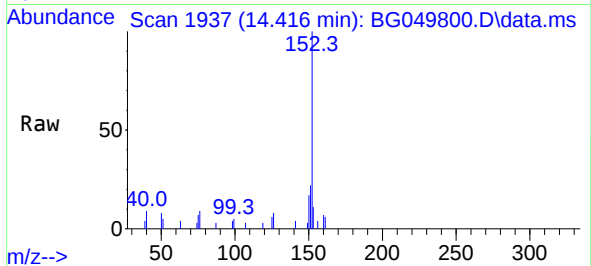
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.303 ng/ul
RT: 14.416 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BG049800.D
Acq: 11 Aug 2021 23:07

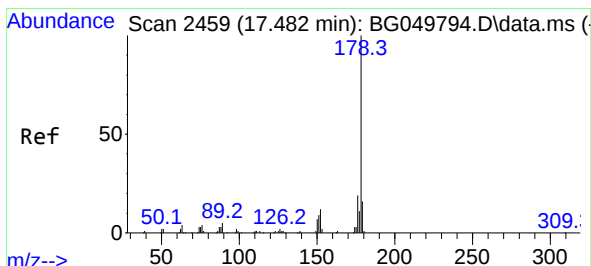
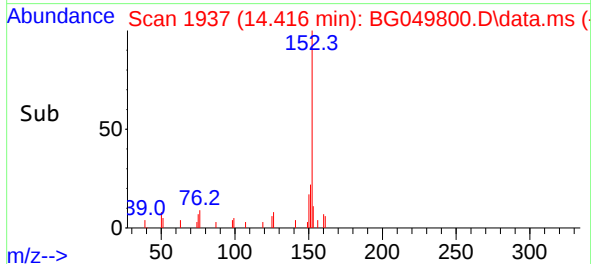
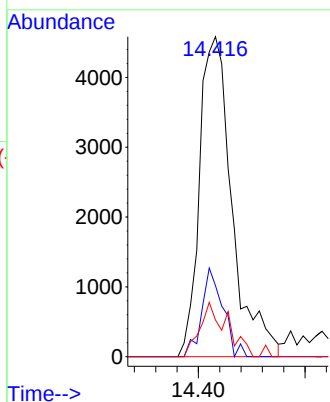
Instrument :
BNA_G
ClientSampled :
BGB11



Tgt Ion:152 Resp: 9702
Ion Ratio Lower Upper
152 100
151 22.2 16.3 24.5
153 11.5 11.4 17.0

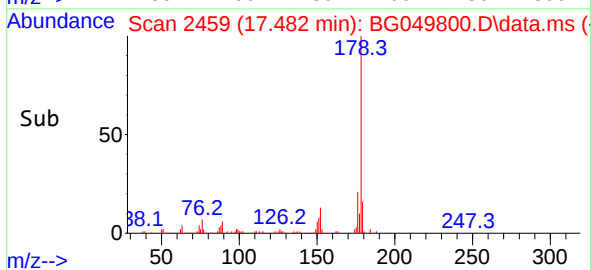
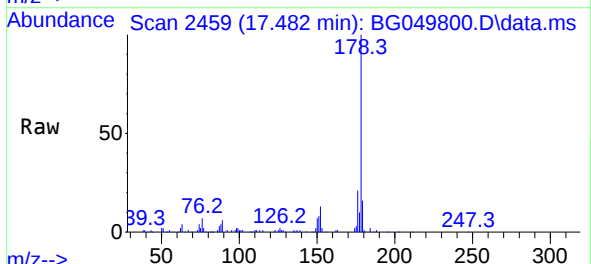
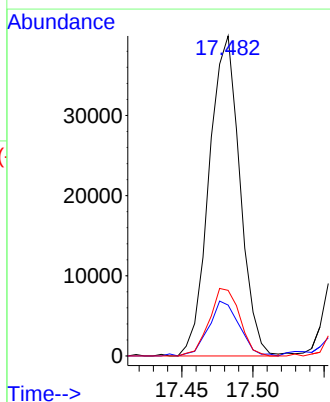
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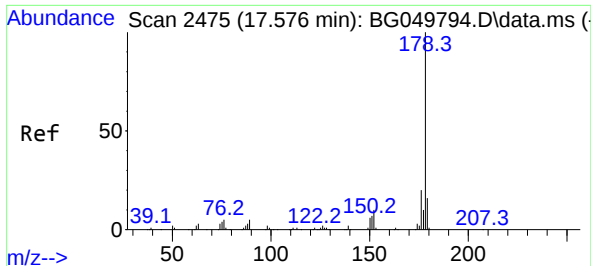
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#72
Phenanthrene
Concen: 6.784 ng/ul
RT: 17.482 min Scan# 2459
Delta R.T. 0.000 min
Lab File: BG049800.D
Acq: 11 Aug 2021 23:07

Tgt Ion:178 Resp: 60139
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 20.5 15.4 23.2





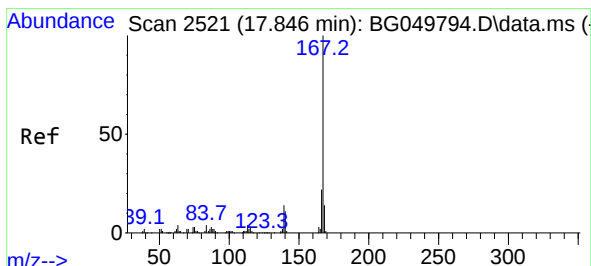
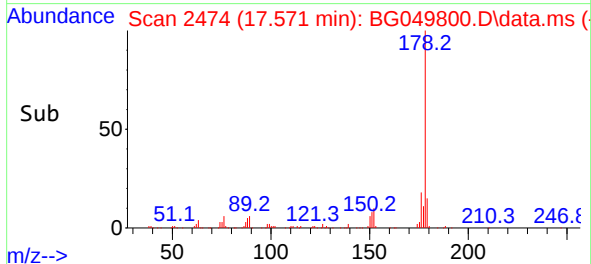
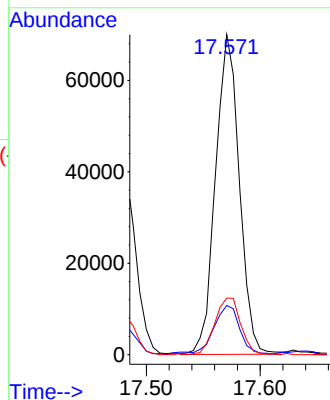
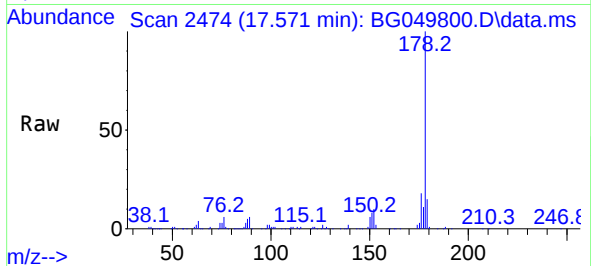
#74
 Anthracene
 Concen: 11.506 ng/u1
 RT: 17.571 min Scan# 2474
 Delta R.T. -0.005 min
 Lab File: BG049800.D
 Acq: 11 Aug 2021 23:07

Tgt Ion:	178	Resp:	102034
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	17.7	14.6	21.8

Instrument :
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 ClientSampled :
 BGB11

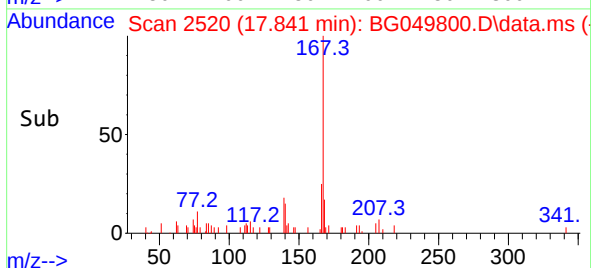
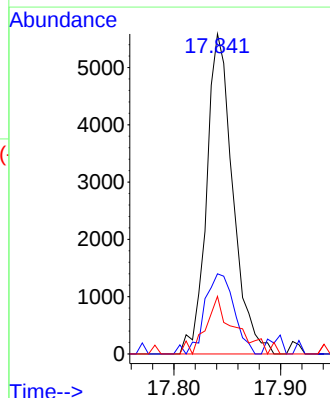
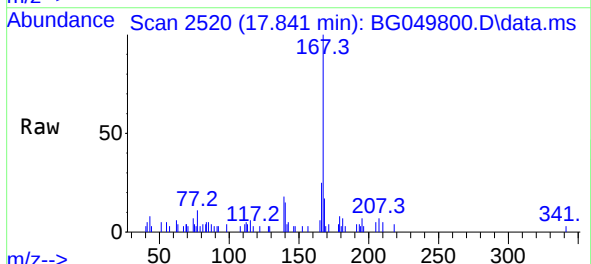
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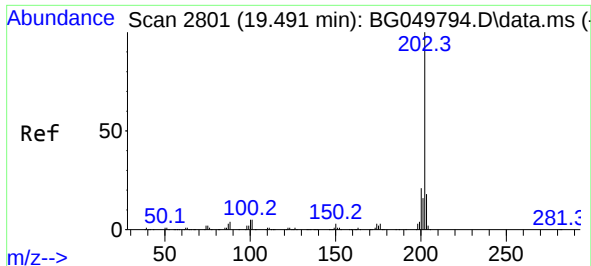
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#77
 Carbazole
 Concen: 1.207 ng/u1
 RT: 17.841 min Scan# 2520
 Delta R.T. -0.005 min
 Lab File: BG049800.D
 Acq: 11 Aug 2021 23:07

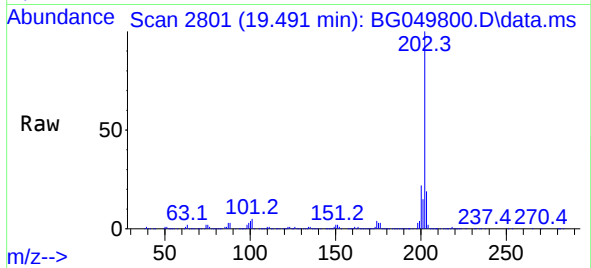
Tgt Ion:	167	Resp:	9567
Ion Ratio	Lower	Upper	
167	100		
166	25.1	17.3	25.9
139	18.0	10.4	15.6#





#80
Fluoranthene
Concen: 38.990 ng/u1
RT: 19.491 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BG049800.D
Acq: 11 Aug 2021 23:07

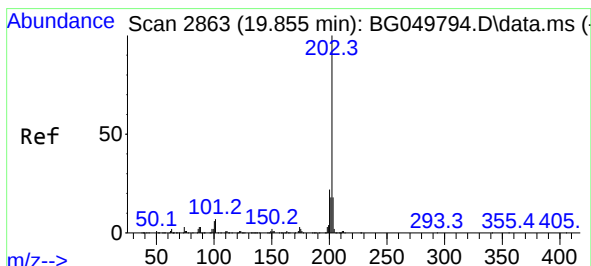
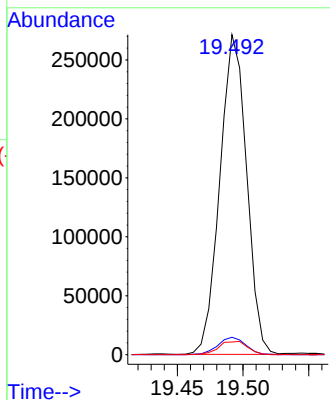
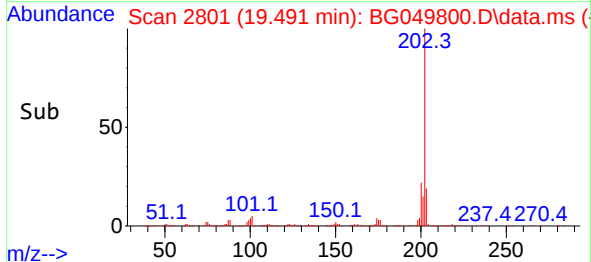
Instrument :
BNA_G
ClientSampled :
BGB11



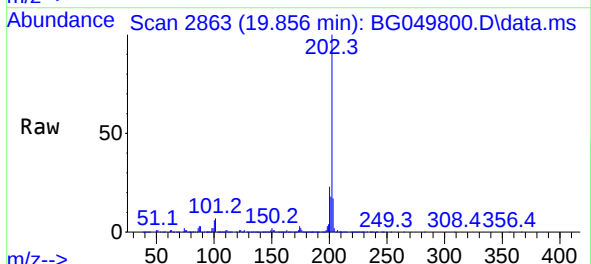
Tgt Ion:202 Resp: 384125
Ion Ratio Lower Upper
202 100
101 5.5 4.8 7.2
100 4.0 3.9 5.9

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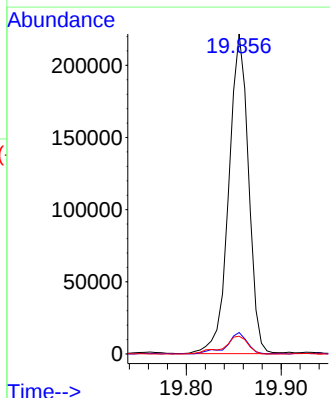
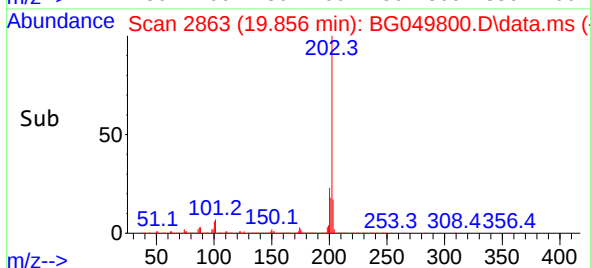
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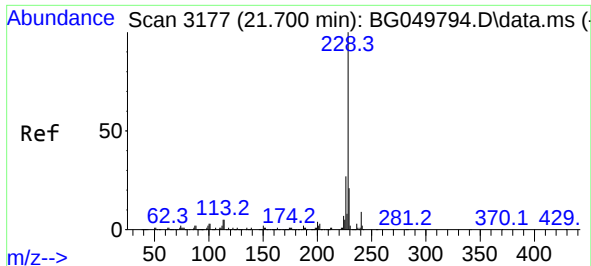


#82
Pyrene
Concen: 32.632 ng/u1
RT: 19.856 min Scan# 2863
Delta R.T. 0.000 min
Lab File: BG049800.D
Acq: 11 Aug 2021 23:07



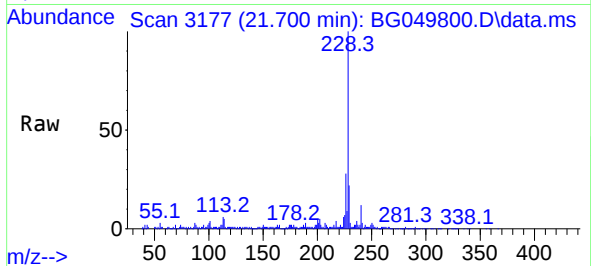
Tgt Ion:202 Resp: 320650
Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
100 5.5 4.8 7.2





#85
Benzo(a)anthracene
Concen: 19.320 ng/u1
RT: 21.700 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BG049800.D
Acq: 11 Aug 2021 23:07

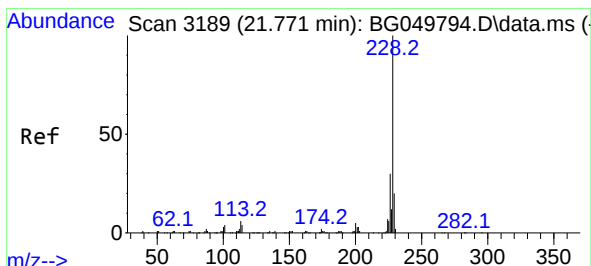
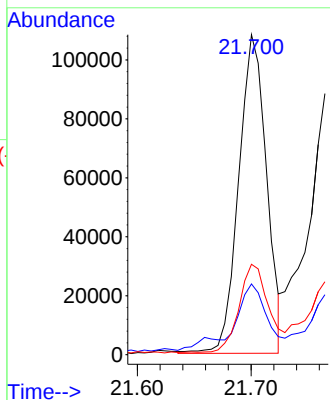
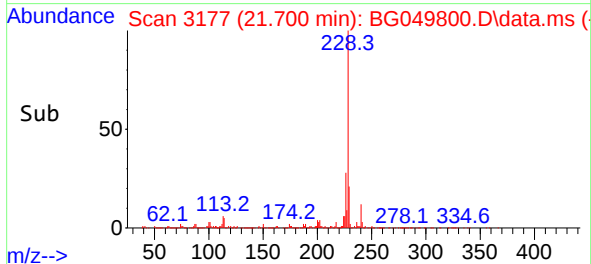
Instrument :
BNA_G
ClientSampled :
BGB11



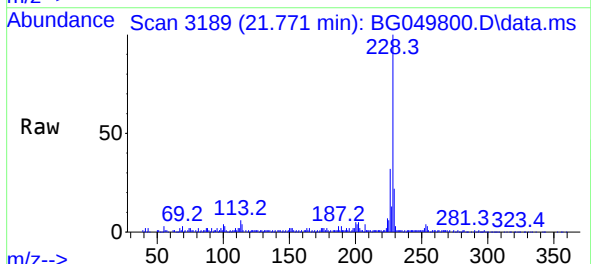
Tgt Ion:228 Resp: 183781
Ion Ratio Lower Upper
228 100
229 22.1 15.3 22.9
226 28.2 21.0 31.6

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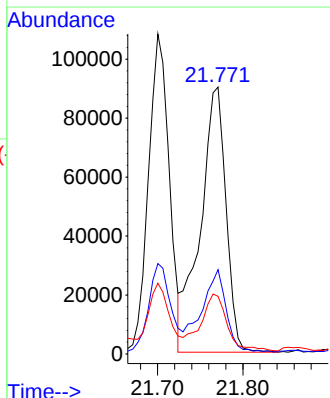
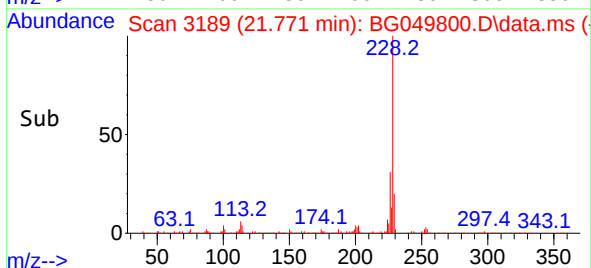
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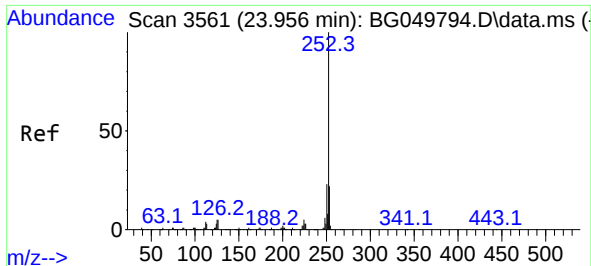


#87
Chrysene
Concen: 21.304 ng/u1
RT: 21.771 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BG049800.D
Acq: 11 Aug 2021 23:07



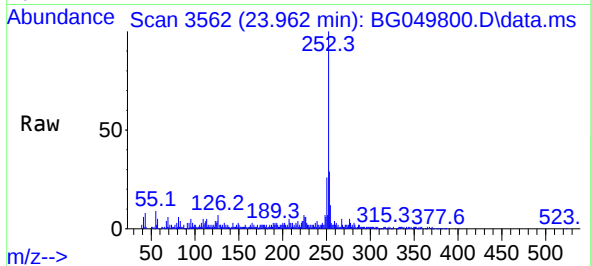
Tgt Ion:228 Resp: 189264
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 21.6 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 21.062 ng/ul
RT: 23.962 min Scan# 3562
Delta R.T. 0.012 min
Lab File: BG049800.D
Acq: 11 Aug 2021 23:07

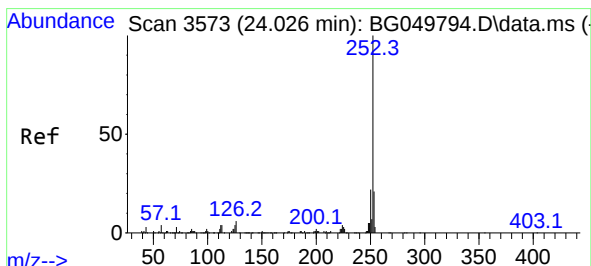
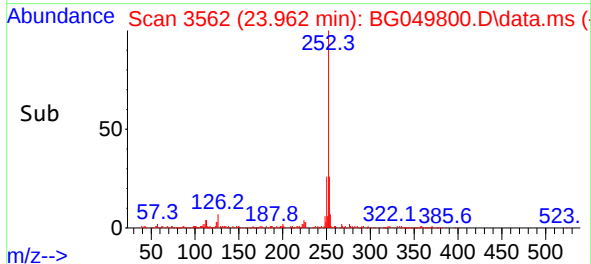
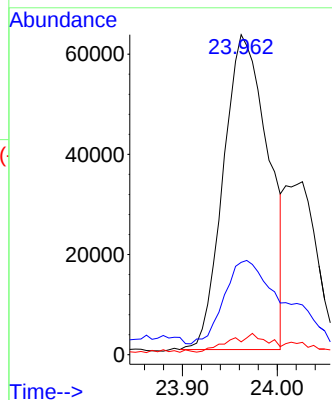
Instrument :
BNA_G
ClientSampled :
BGB11



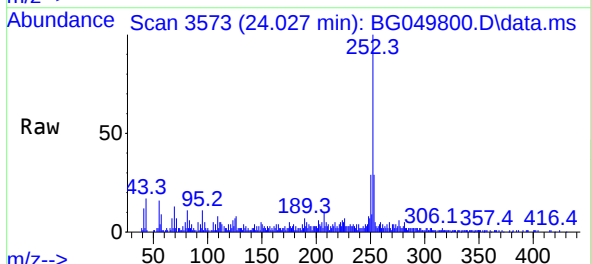
Tgt Ion:252 Resp: 206230
Ion Ratio Lower Upper
252 100
253 28.8 17.4 26.2#
125 4.0 3.7 5.5

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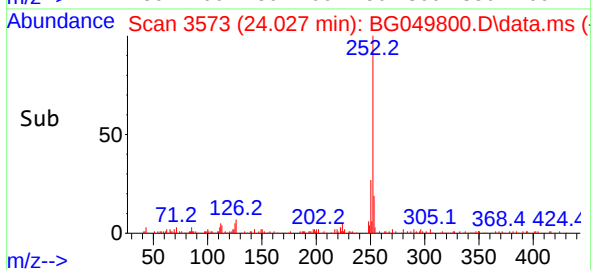
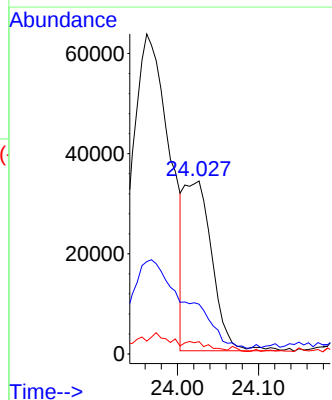
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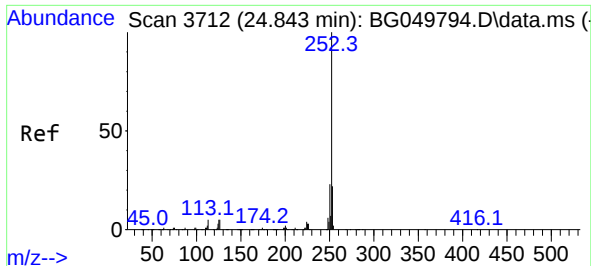


#91
Benzo(k)fluoranthene
Concen: 8.374 ng/ul m
RT: 24.027 min Scan# 3573
Delta R.T. 0.006 min
Lab File: BG049800.D
Acq: 11 Aug 2021 23:07

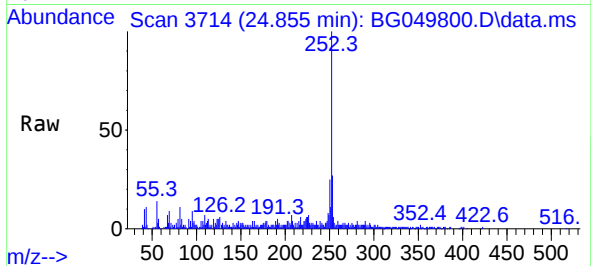


Tgt Ion:252 Resp: 81417
Ion Ratio Lower Upper
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253 28.8 17.8 26.8#
125 7.1 3.8 5.8#

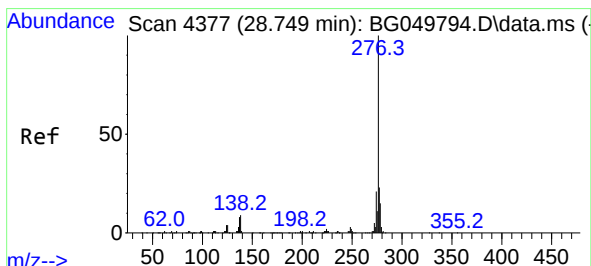
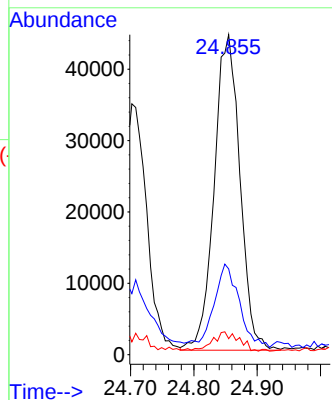
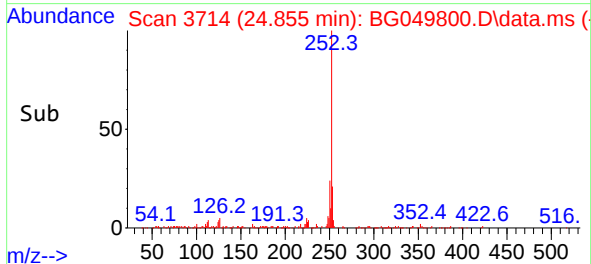




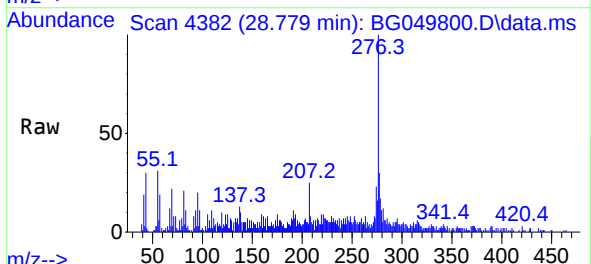
#93
Benzo(a)pyrene
Concen: 14.442 ng/ul m
RT: 24.855 min Scan# 3714
Delta R.T. 0.012 min
Lab File: BG049800.D
Acq: 11 Aug 2021 23:07



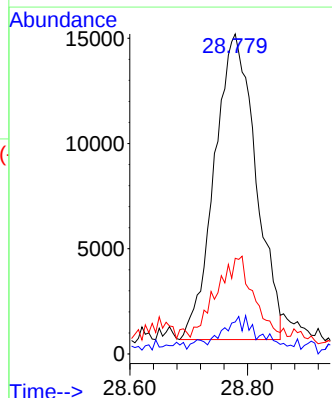
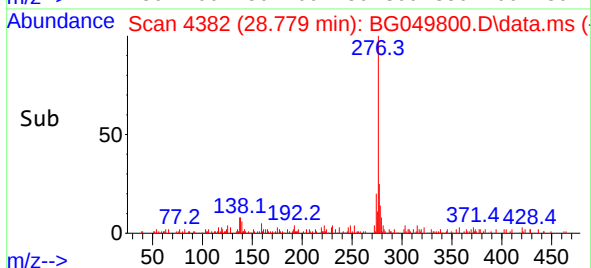
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Ion Ratio Lower Upper
252 100
253 26.8 17.7 26.5#
125 5.0 4.6 7.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 6.250 ng/ul
RT: 28.779 min Scan# 4382
Delta R.T. 0.042 min
Lab File: BG049800.D
Acq: 11 Aug 2021 23:07



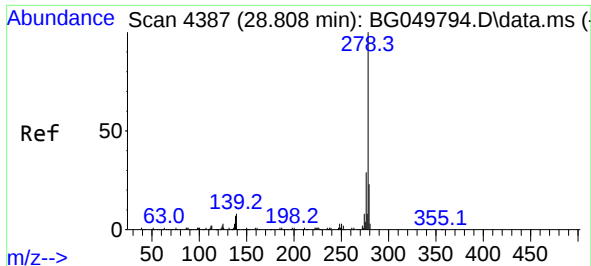
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Ion Ratio Lower Upper
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138 10.0 6.6 10.0#
277 29.9 19.4 29.2#



Instrument :
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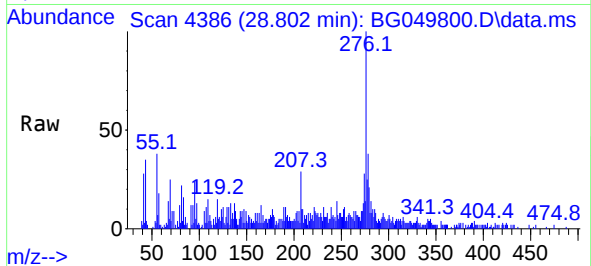
Manual Integrations
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#95
Dibenzo(a,h)anthracene
Concen: 2.812 ng/ul m
RT: 28.802 min Scan# 4386
Delta R.T. 0.000 min
Lab File: BG049800.D
Acq: 11 Aug 2021 23:07

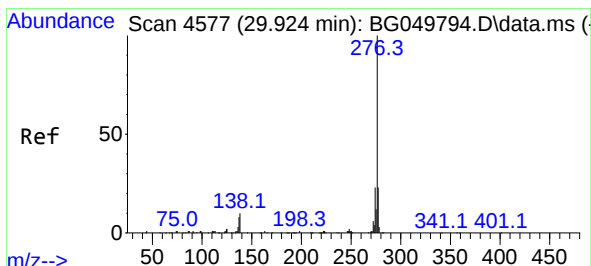
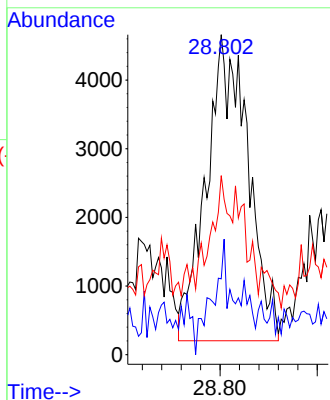
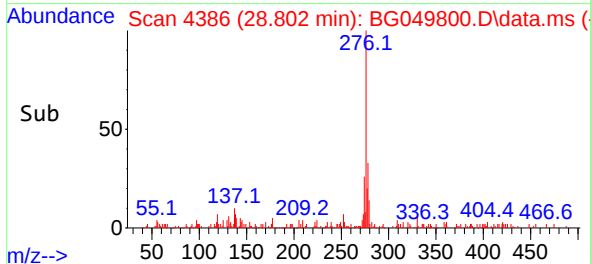
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BNA_G
ClientSampled :
BGB11



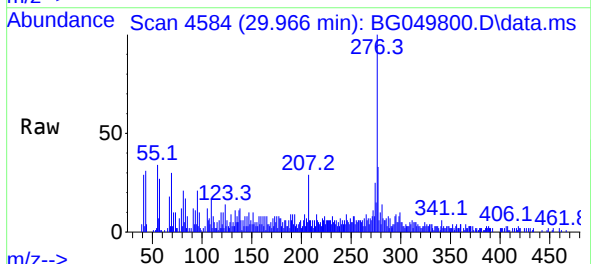
Tgt Ion:278 Resp: 26539
Ion Ratio Lower Upper
278 100
139 12.3 6.3 9.5#
279 55.9 18.9 28.3#

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:52 PM



#96
Benzo(g,h,i)perylene
Concen: 5.559 ng/ul
RT: 29.966 min Scan# 4584
Delta R.T. 0.059 min
Lab File: BG049800.D
Acq: 11 Aug 2021 23:07



Tgt Ion:276 Resp: 52293
Ion Ratio Lower Upper
276 100
138 11.6 7.2 10.8#
277 32.5 19.5 29.3#

