

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049792.D
 Acq On : 11 Aug 2021 16:52
 Operator : CG/JU
 Sample : M3287-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB10

Manual Integrations
 APPROVED

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Quant Time: Aug 11 17:41:14 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	8.040	152	28546	20.000	ng/ul	0.00
20) Naphthalene-d8	10.860	136	124983	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.684	164	87491	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	180414m	20.000	ng/ul	0.00
79) Chrysene-d12	21.722	240	162431	20.000	ng/ul	0.00
88) Perylene-d12	24.999	264	166140	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	2471m	4.047	ng/uL	0.02
4) Pyridine-d5	3.852	84	19502m	10.644	ng/ul	0.00
7) Phenol-d5	7.200	99	39593	15.283	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.353	67	23390	15.718	ng/ul	0.00
11) 2-Chlorophenol-d4	7.570	132	31590	17.037	ng/ul	0.00
15) 4-Methylphenol-d8	8.745	113	32542	16.474	ng/ul	0.00
21) Nitrobenzene-d5	9.209	128	17361	17.634	ng/ul	0.00
24) 2-Nitrophenol-d4	9.932	143	20403	18.147	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.478	165	34372	16.213	ng/ul	0.00
31) 4-Chloroaniline-d4	10.995	131	42332	14.586	ng/ul	0.00
46) Dimethylphthalate-d6	14.085	166	121295	17.666	ng/ul	0.00
49) Acenaphthylene-d8	14.384	160	143962	17.624	ng/ul	0.00
54) 4-Nitrophenol-d4	14.896	143	13143	11.840	ng/ul	0.00
60) Fluorene-d10	15.677	176	103844	17.595	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	15521m	12.782	ng/ul	0.00
73) Anthracene-d10	17.539	188	151069	17.739	ng/ul	0.00
81) Pyrene-d10	19.824	212	173999	19.442	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.770	264	168031	18.458	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.480	178	19194	2.010	ng/ul	96
80) Fluoranthene	19.495	202	39462	3.573	ng/ul	98
82) Pyrene	19.854	202	41064	3.728	ng/ul#	96
85) Benzo(a)anthracene	21.704	228	24580	2.305	ng/ul#	89
87) Chrysene	21.769	228	25898	2.600	ng/ul#	88
90) Benzo(b)fluoranthene	23.960	252	36653	3.375	ng/ul	100
91) Benzo(k)fluoranthene	24.013	252	12571m	1.166	ng/ul	
93) Benzo(a)pyrene	24.835	252	22054	2.307	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.747	276	15939	1.271	ng/ul#	90
96) Benzo(g,h,i)perylene	29.910	276	13564m	1.300	ng/ul	

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

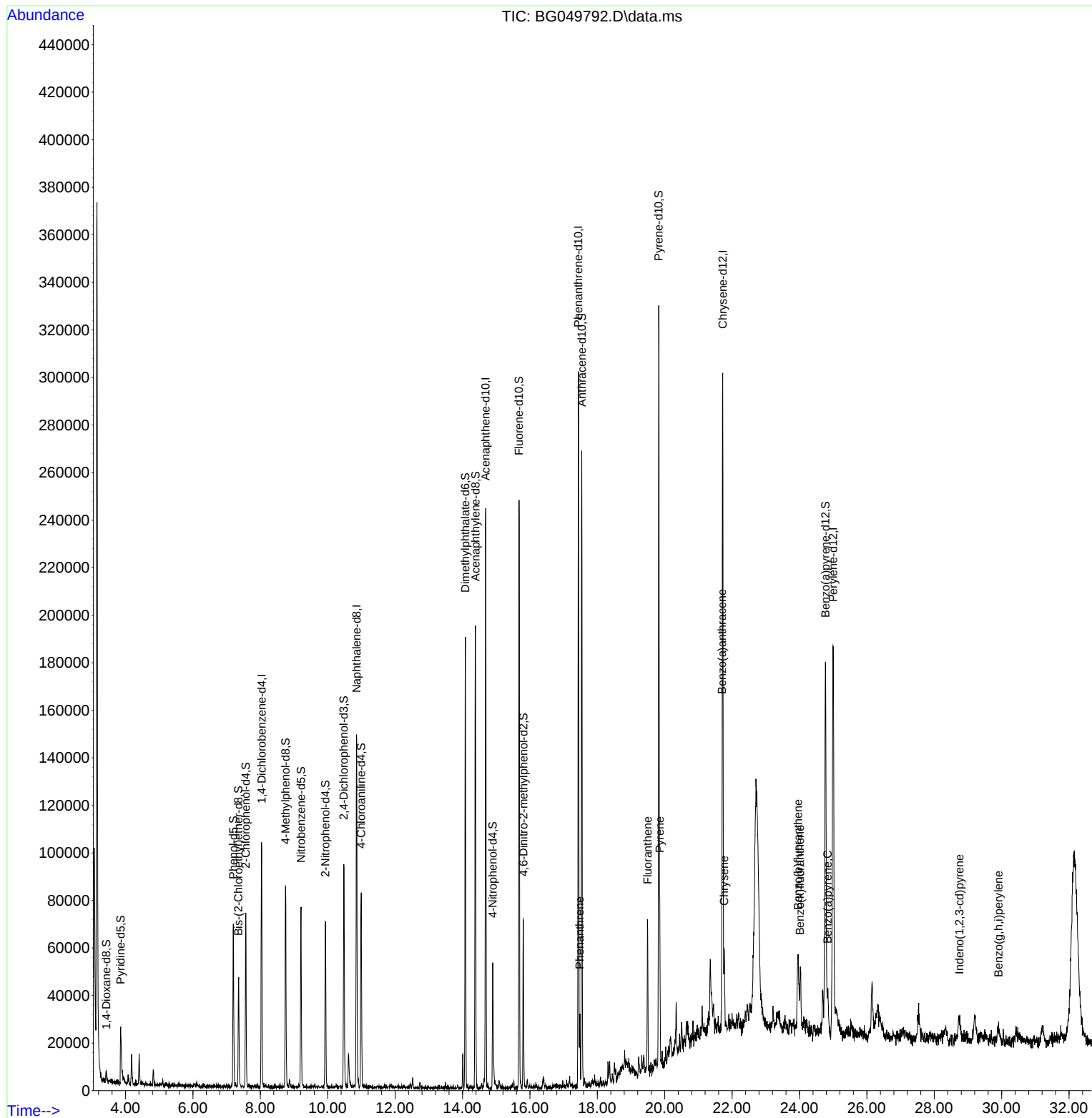
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049792.D
Acq On : 11 Aug 2021 16:52
Operator : CG/JU
Sample : M3287-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

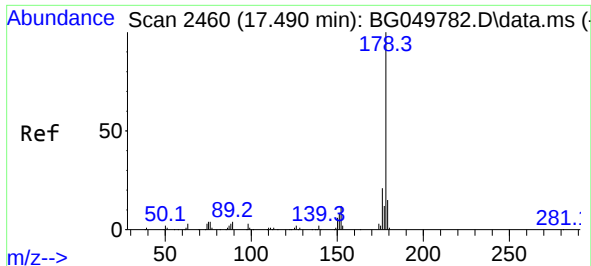
Instrument :
BNA_G
ClientSampleId :
BGB10

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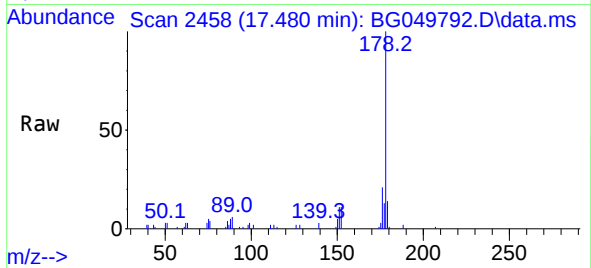
Quant Time: Aug 11 17:41:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.010 ng/u1
RT: 17.480 min Scan# 2458
Delta R.T. -0.002 min
Lab File: BG049792.D
Acq: 11 Aug 2021 16:52

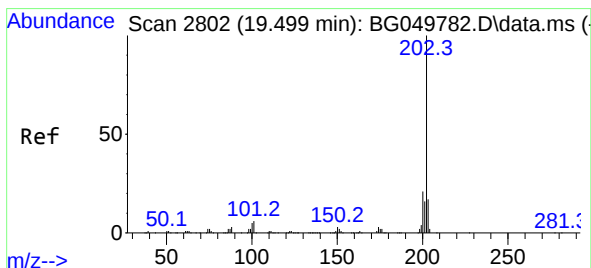
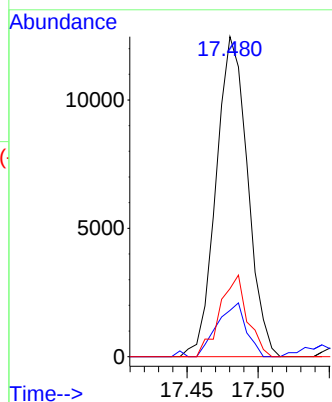
Instrument :
BNA_G
ClientSampled :
BGB10



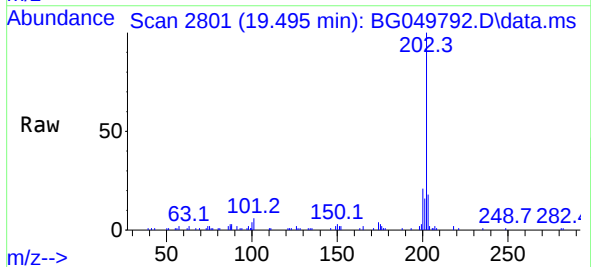
Tgt Ion:178 Resp: 19194
Ion Ratio Lower Upper
178 100
179 14.4 12.4 18.6
176 21.3 15.4 23.2

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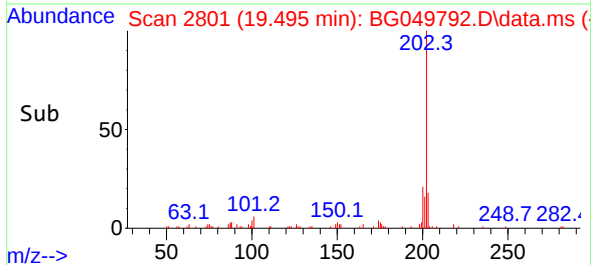
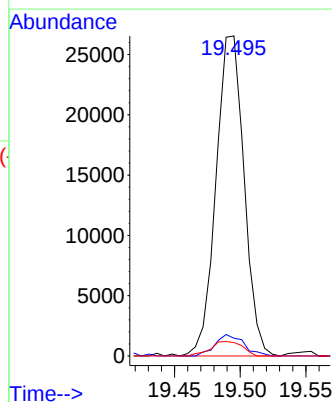
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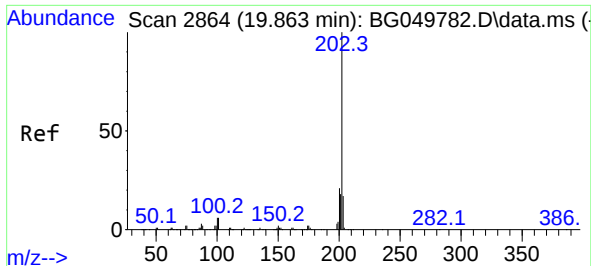


#80
Fluoranthene
Concen: 3.573 ng/u1
RT: 19.495 min Scan# 2801
Delta R.T. 0.004 min
Lab File: BG049792.D
Acq: 11 Aug 2021 16:52



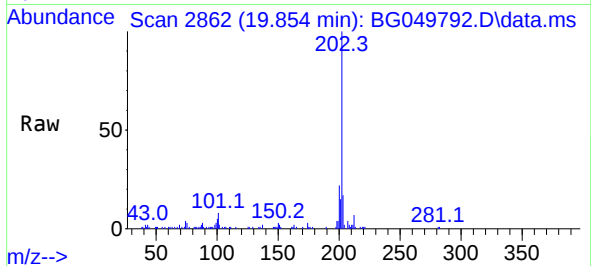
Tgt Ion:202 Resp: 39462
Ion Ratio Lower Upper
202 100
101 5.5 4.8 7.2
100 4.2 3.9 5.9





#82
Pyrene
Concen: 3.728 ng/ul
RT: 19.854 min Scan# 2862
Delta R.T. -0.002 min
Lab File: BG049792.D
Acq: 11 Aug 2021 16:52

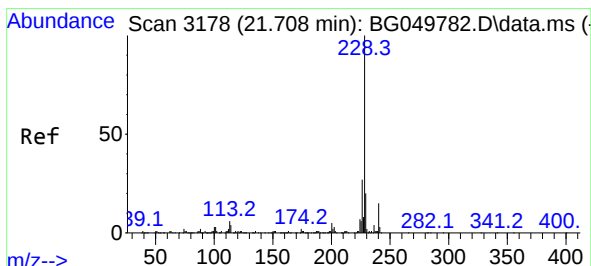
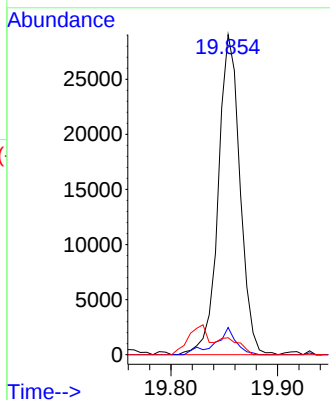
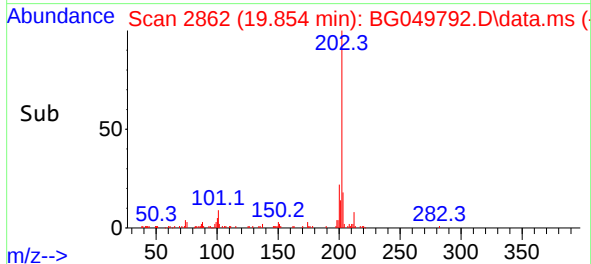
Instrument :
BNA_G
ClientSampled :
BGB10



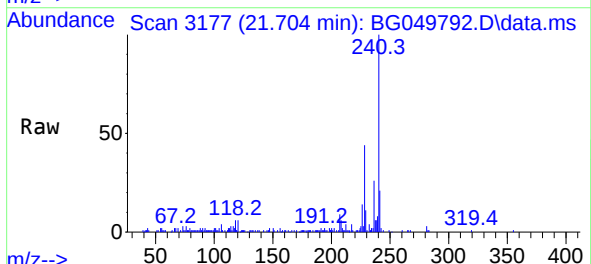
Tgt Ion:202 Resp: 41064
Ion Ratio Lower Upper
202 100
101 8.5 5.2 7.8#
100 5.3 4.8 7.2

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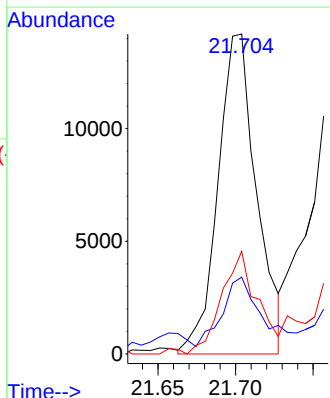
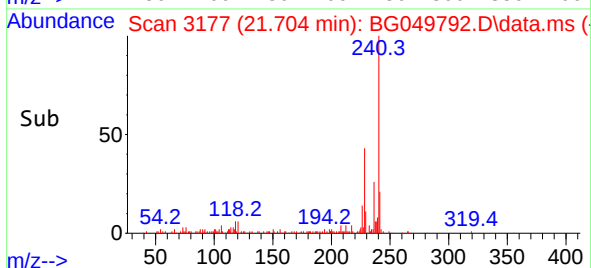
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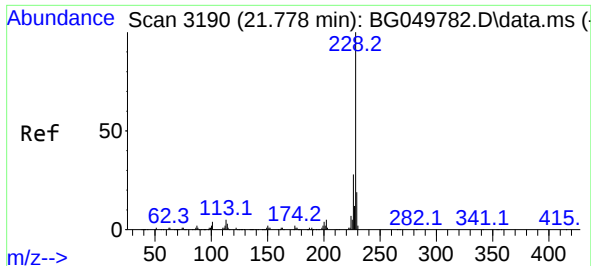


#85
Benzo(a)anthracene
Concen: 2.305 ng/ul
RT: 21.704 min Scan# 3177
Delta R.T. 0.004 min
Lab File: BG049792.D
Acq: 11 Aug 2021 16:52



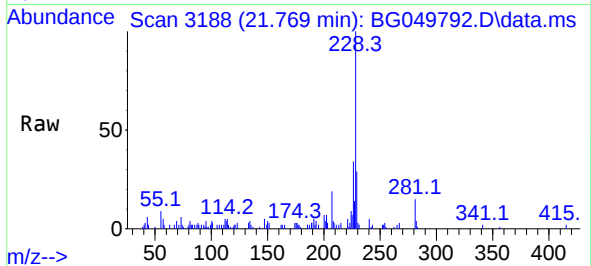
Tgt Ion:228 Resp: 24580
Ion Ratio Lower Upper
228 100
229 24.0 15.3 22.9#
226 32.1 21.0 31.6#





#87
Chrysene
Concen: 2.600 ng/u1
RT: 21.769 min Scan# 3188
Delta R.T. -0.002 min
Lab File: BG049792.D
Acq: 11 Aug 2021 16:52

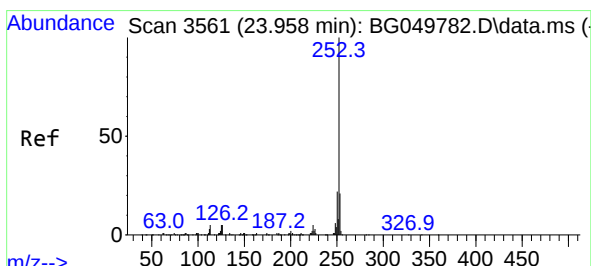
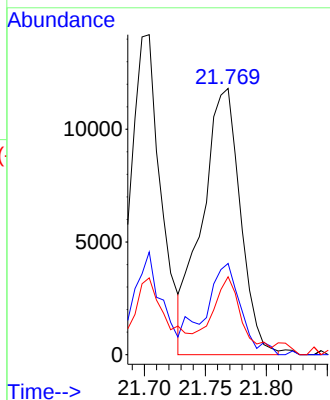
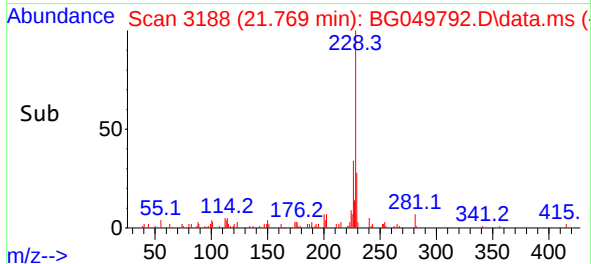
Instrument :
BNA_G
ClientSampled :
BGB10



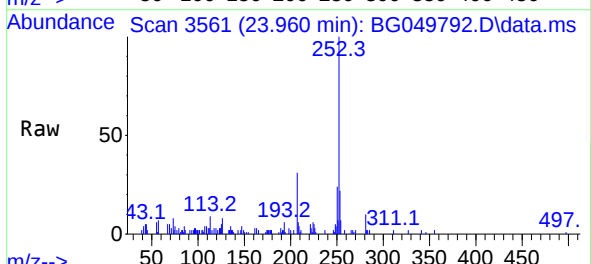
Tgt Ion:228 Resp: 25898
Ion Ratio Lower Upper
228 100
226 34.2 24.7 37.1
229 29.3 15.4 23.2#

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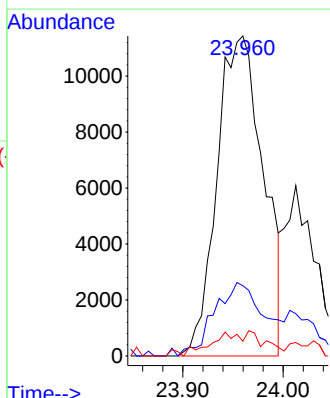
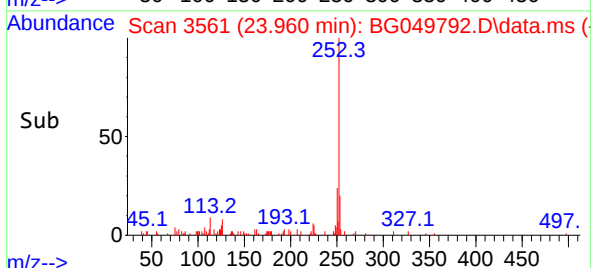
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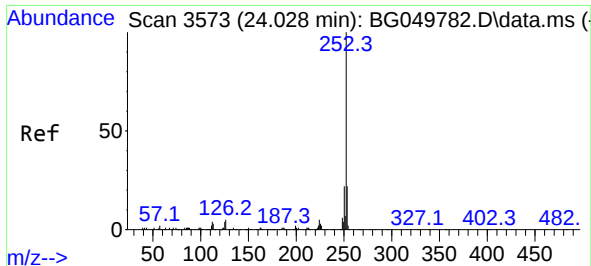


#90
Benzo(b)fluoranthene
Concen: 3.375 ng/u1
RT: 23.960 min Scan# 3561
Delta R.T. 0.010 min
Lab File: BG049792.D
Acq: 11 Aug 2021 16:52



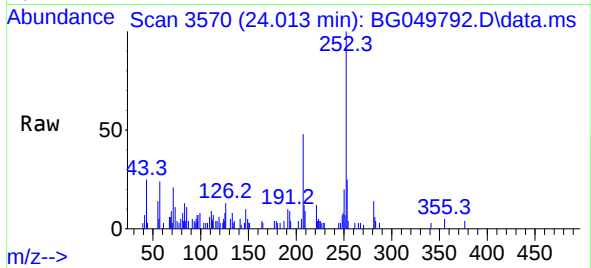
Tgt Ion:252 Resp: 36653
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 4.6 3.7 5.5





#91
Benzo(k)fluoranthene
Concen: 1.166 ng/ul m
RT: 24.013 min Scan# 3570
Delta R.T. -0.008 min
Lab File: BG049792.D
Acq: 11 Aug 2021 16:52

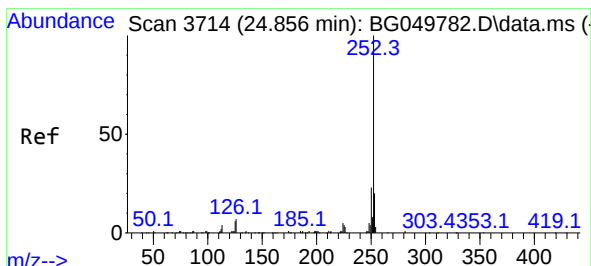
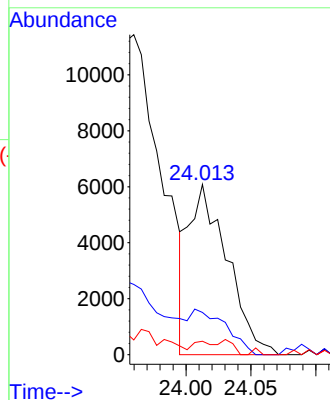
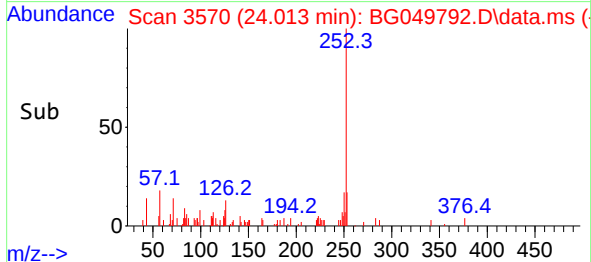
Instrument :
BNA_G
ClientSampled :
BGB10



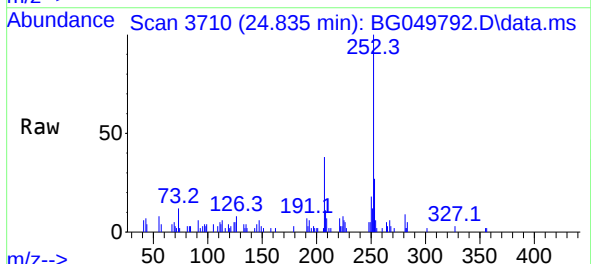
Tgt Ion:252 Resp: 12571
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 7.9 3.8 5.8#

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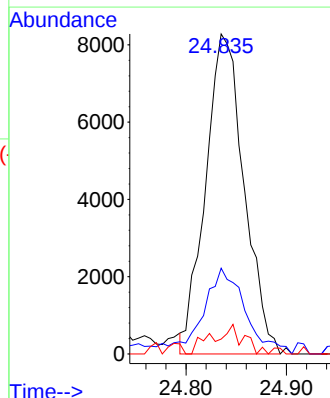
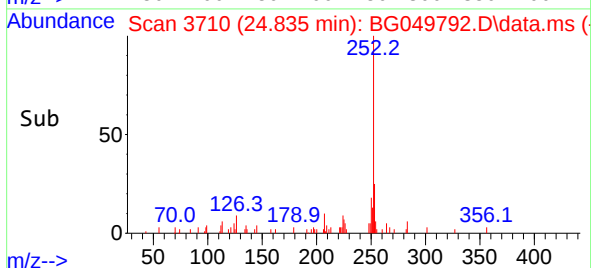
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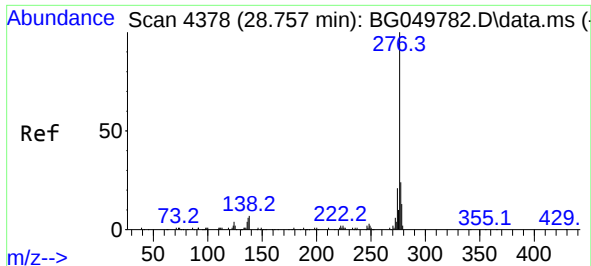


#93
Benzo(a)pyrene
Concen: 2.307 ng/ul
RT: 24.835 min Scan# 3710
Delta R.T. -0.008 min
Lab File: BG049792.D
Acq: 11 Aug 2021 16:52



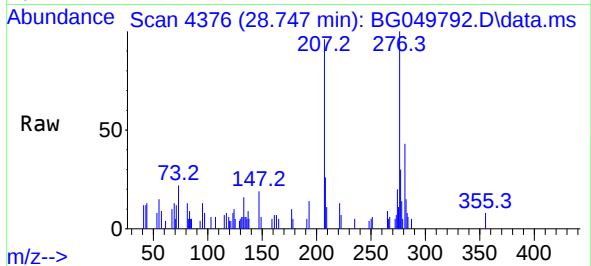
Tgt Ion:252 Resp: 22054
Ion Ratio Lower Upper
252 100
253 26.8 17.7 26.5#
125 4.7 4.6 7.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.271 ng/ul
RT: 28.747 min Scan# 4376
Delta R.T. 0.010 min
Lab File: BG049792.D
Acq: 11 Aug 2021 16:52

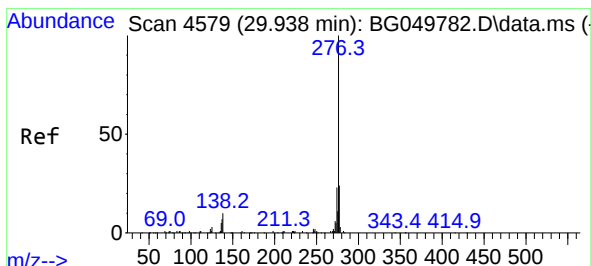
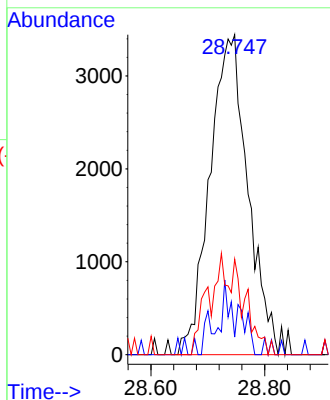
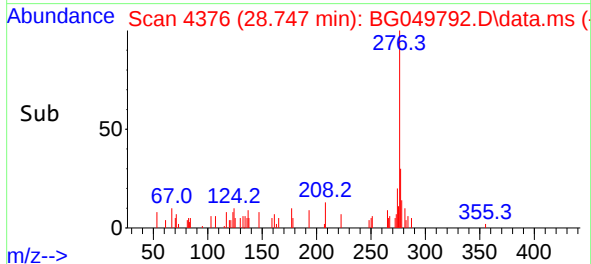
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ClientSampleId :
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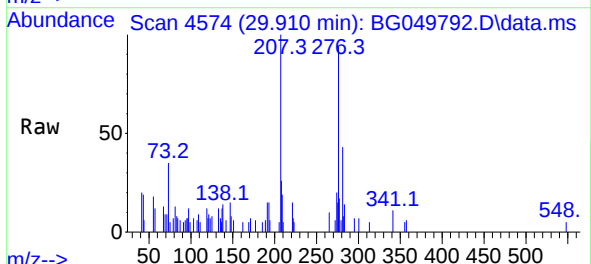
Tgt Ion:276 Resp: 15939
Ion Ratio Lower Upper
276 100
138 5.5 6.6 10.0#
277 29.8 19.4 29.2#

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.300 ng/ul m
RT: 29.910 min Scan# 4574
Delta R.T. 0.004 min
Lab File: BG049792.D
Acq: 11 Aug 2021 16:52



Tgt Ion:276 Resp: 13564
Ion Ratio Lower Upper
276 100
138 14.8 7.2 10.8#
277 17.6 19.5 29.3#

