

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
 Data File : BG049466.D
 Acq On : 25 Jul 2021 1:41
 Operator : CG/JU
 Sample : M3010-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGED9

Manual Integrations
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Quant Time: Jul 25 07:23:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 06:15:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	20589	20.00	ng/ul	0.00
20) Naphthalene-d8	10.866	136	80998	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.696	164	55964	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	123231	20.00	ng/ul	0.00
79) Chrysene-d12	21.722	240	138116	20.00	ng/ul	0.00
88) Perylene-d12	25.000	264	141304	20.00	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	1181	2.62	ng/uL	0.00
4) Pyridine-d5	3.869	84	9288	7.19	ng/ul	0.01
7) Phenol-d5	7.200	99	23245	12.76	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	13854	13.43	ng/ul	0.00
11) 2-Chlorophenol-d4	7.570	132	18208	13.94	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	16940	12.34	ng/ul	0.00
21) Nitrobenzene-d5	9.215	128	8733	14.02	ng/ul	0.00
24) 2-Nitrophenol-d4	9.938	143	9775	13.40	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	17103	12.89	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	22223	12.01	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	59159	13.80	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160	70383	14.14	ng/ul	0.00
54) 4-Nitrophenol-d4	14.890	143	6542	9.27	ng/ul	0.00
60) Fluorene-d10	15.689	176	53027	14.36	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.800	200	6886	9.02	ng/ul	0.00
73) Anthracene-d10	17.545	188	80622	14.08	ng/ul	0.00
81) Pyrene-d10	19.830	212	101651	14.39	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.771	264	102224	13.76	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.486	178	8545	1.33	ng/ul#	93
80) Fluoranthene	19.495	202	39337	4.59	ng/ul	99
82) Pyrene	19.860	202	32084	3.77	ng/ul#	96
85) Benzo(a)anthracene	21.704	228	20978	2.48	ng/ul#	86
87) Chrysene	21.769	228	17056	2.11	ng/ul	92
90) Benzo(b)fluoranthene	23.960	252	21704m	2.45	ng/ul	
91) Benzo(k)fluoranthene	24.007	252	9538m	1.10	ng/ul	
93) Benzo(a)pyrene	24.841	252	18716m	2.44	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.730	276	11612m	1.18	ng/ul	

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

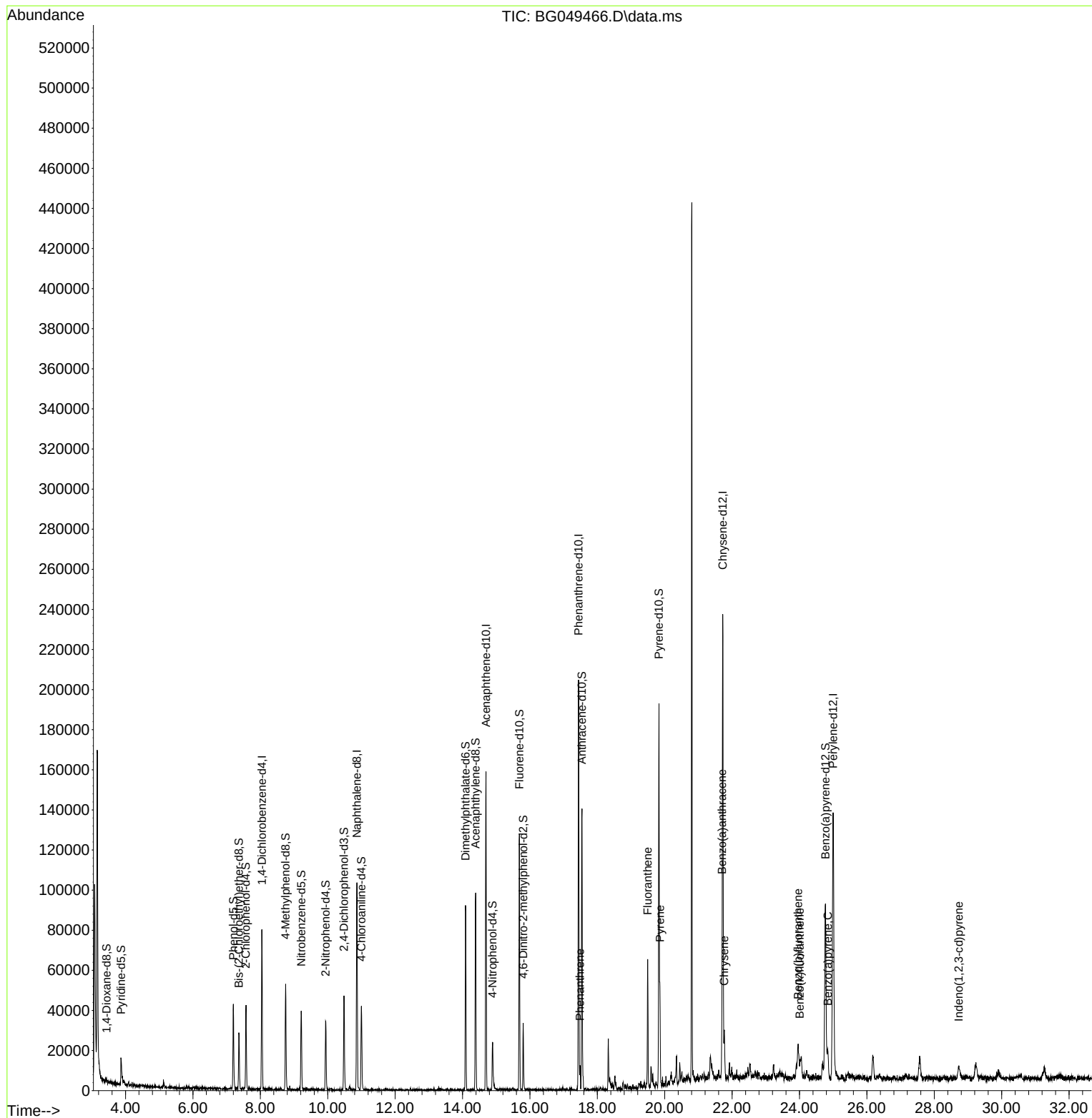
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049466.D
Acq On : 25 Jul 2021 1:41
Operator : CG/JU
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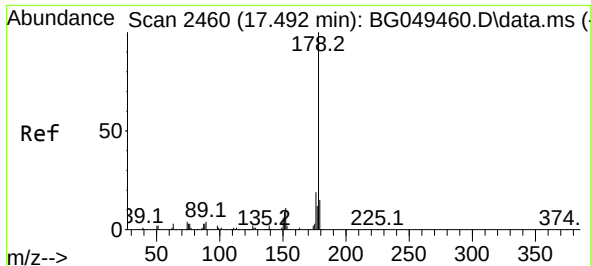
Instrument :
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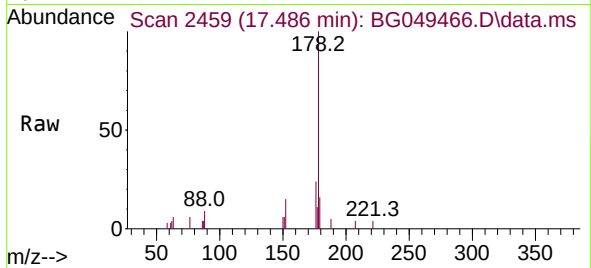
Quant Time: Jul 25 07:23:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.33 ng/ul
RT: 17.486 min Scan# 2459
Delta R.T. -0.003 min
Lab File: BG049466.D
Acq: 25 Jul 2021 1:41

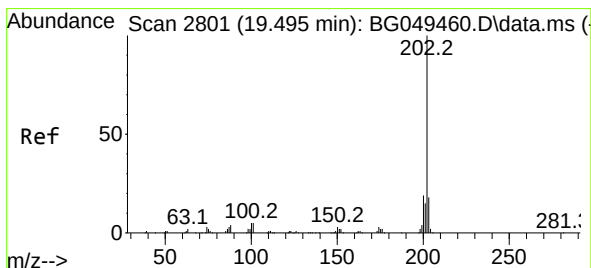
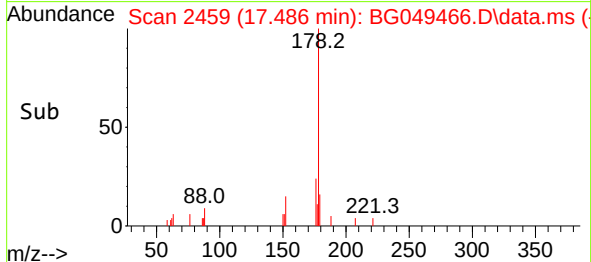
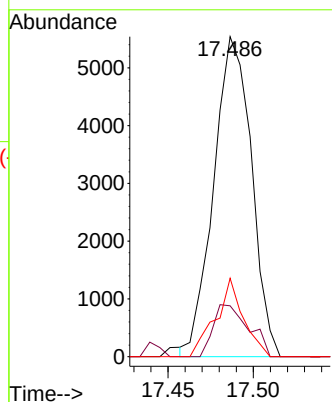
Instrument :
BNA_G
ClientSampleId :
BGED9



Tgt Ion:178 Resp: 8545
Ion Ratio Lower Upper
178 100
179 15.9 13.2 19.8
176 24.5 15.0 22.6#

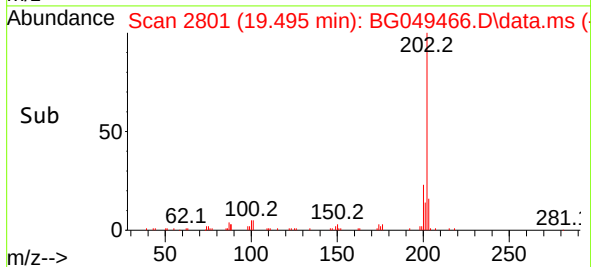
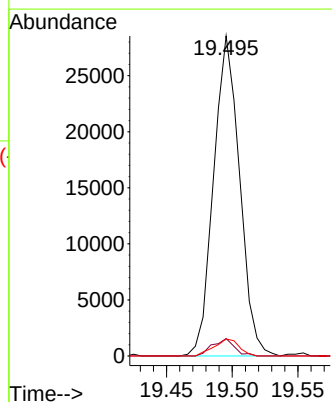
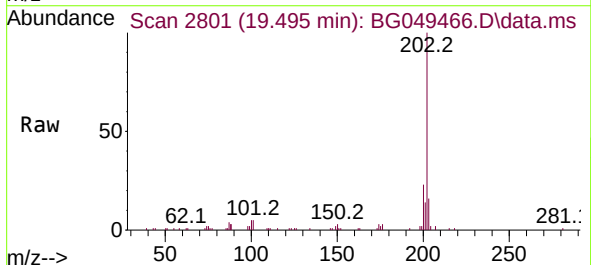
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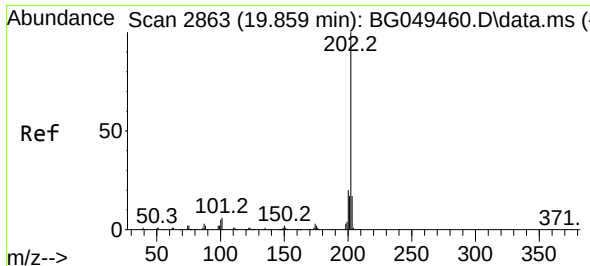
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#80
Fluoranthene
Concen: 4.59 ng/ul
RT: 19.495 min Scan# 2801
Delta R.T. -0.003 min
Lab File: BG049466.D
Acq: 25 Jul 2021 1:41

Tgt Ion:202 Resp: 39337
Ion Ratio Lower Upper
202 100
101 5.5 4.3 6.5
100 5.3 3.8 5.6





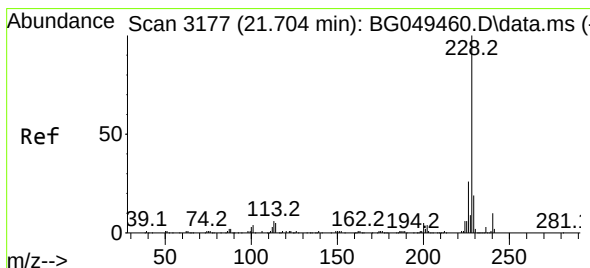
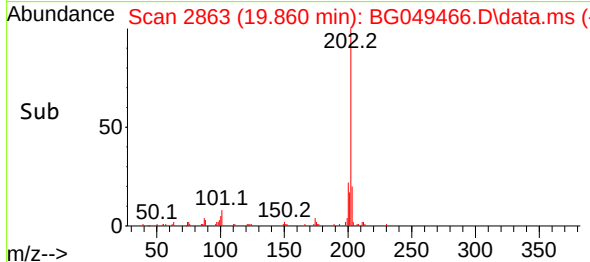
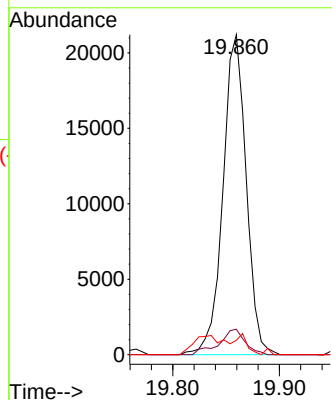
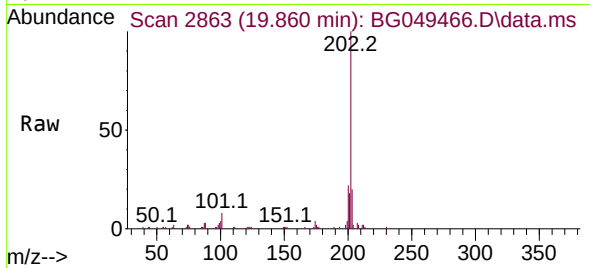
#82
Pyrene
Concen: 3.77 ng/ul
RT: 19.860 min Scan# 2863
Delta R.T. -0.003 min
Lab File: BG049466.D
Acq: 25 Jul 2021 1:41

Tgt Ion:202 Resp: 32084
Ion Ratio Lower Upper
202 100
101 8.0 5.3 7.9#
100 4.5 4.7 7.1#

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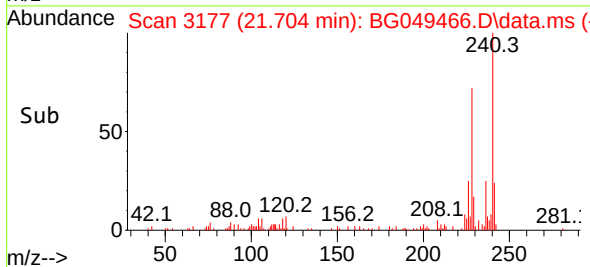
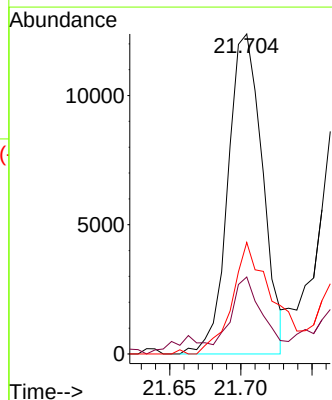
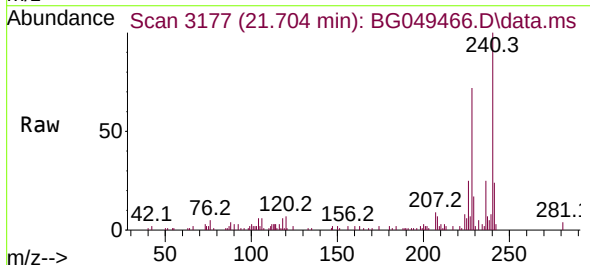
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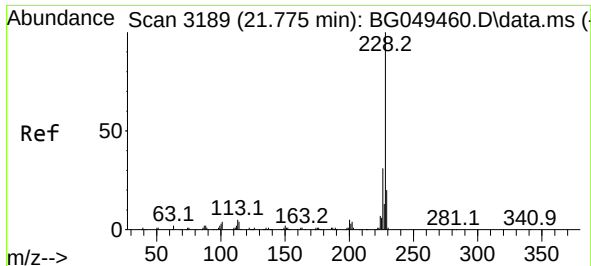
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#85
Benzo(a)anthracene
Concen: 2.48 ng/ul
RT: 21.704 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG049466.D
Acq: 25 Jul 2021 1:41

Tgt Ion:228 Resp: 20978
Ion Ratio Lower Upper
228 100
229 24.0 15.4 23.2#
226 34.9 21.1 31.7#





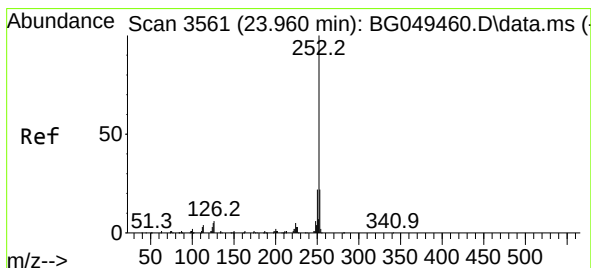
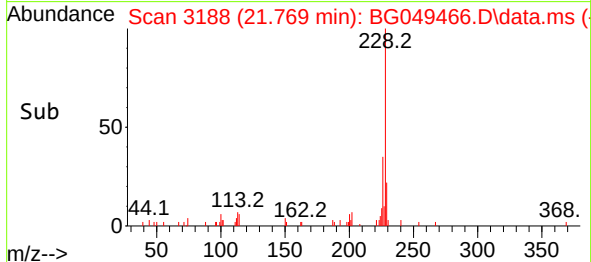
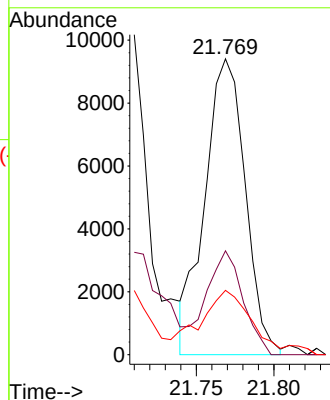
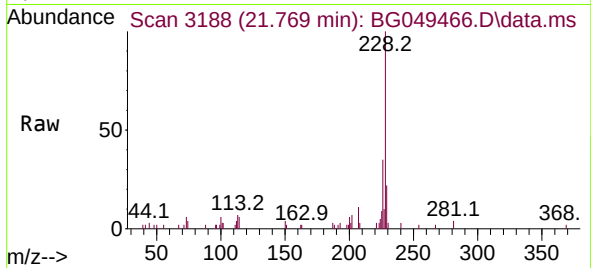
#87
Chrysene
Concen: 2.11 ng/ul
RT: 21.769 min Scan# 3188
Delta R.T. -0.003 min
Lab File: BG049466.D
Acq: 25 Jul 2021 1:41

Tgt Ion:	228	Resp:	17056
Ion Ratio	Lower	Upper	
228	100		
226	35.1	24.6	37.0
229	21.7	14.9	22.3

Instrument :
BNA_G
ClientSampled :
BGED9

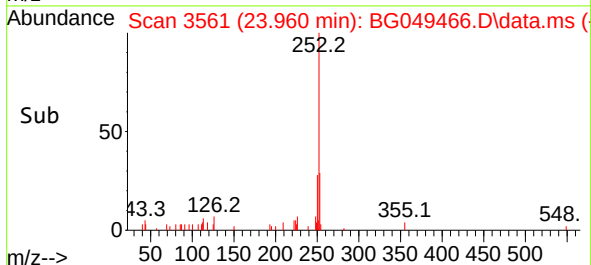
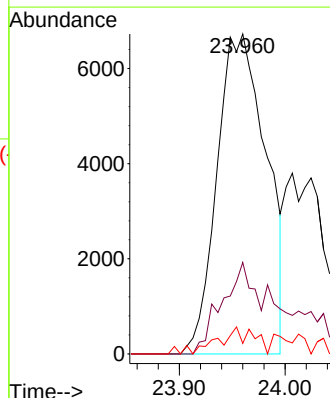
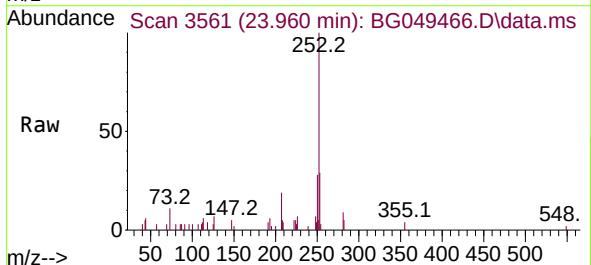
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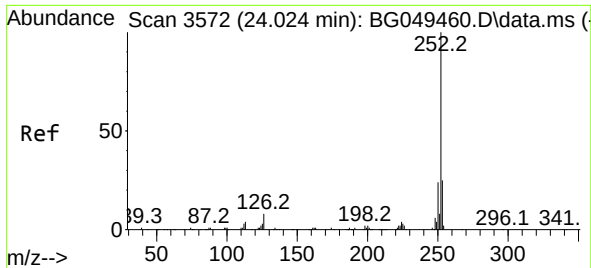
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#90
Benzo(b)fluoranthene
Concen: 2.45 ng/ul m
RT: 23.960 min Scan# 3561
Delta R.T. 0.003 min
Lab File: BG049466.D
Acq: 25 Jul 2021 1:41

Tgt Ion:	252	Resp:	21704
Ion Ratio	Lower	Upper	
252	100		
253	28.6	17.1	25.7#
125	3.3	4.5	6.7#





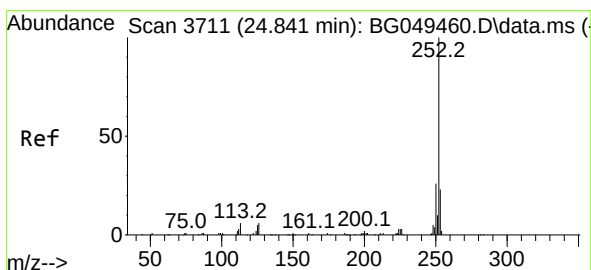
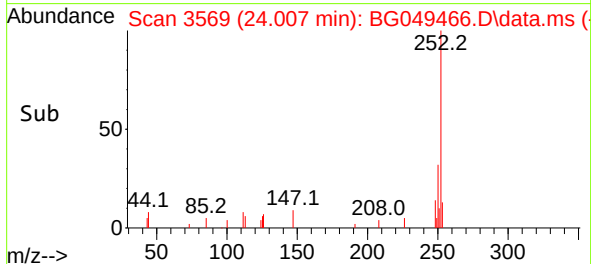
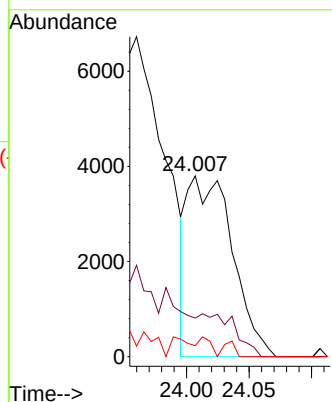
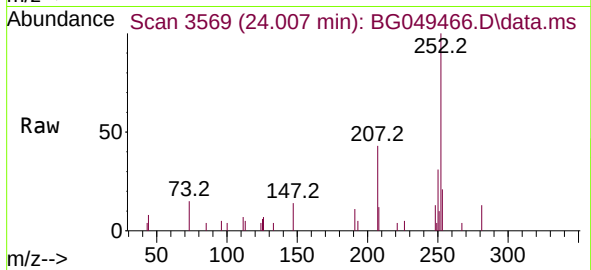
#91
Benzo(k)fluoranthene
Concen: 1.10 ng/ul m
RT: 24.007 min Scan# 3569
Delta R.T. -0.015 min
Lab File: BG049466.D
Acq: 25 Jul 2021 1:41

Instrument :
BNA_G
ClientSampled :
BGED9

Tgt Ion:252 Resp: 9538
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 6.1 4.6 7.0

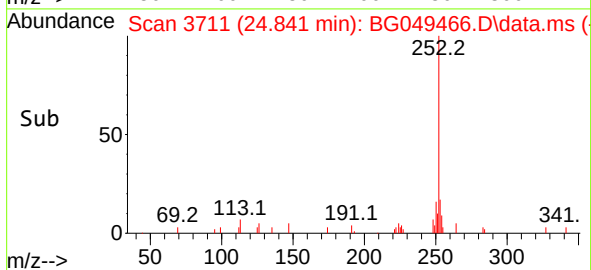
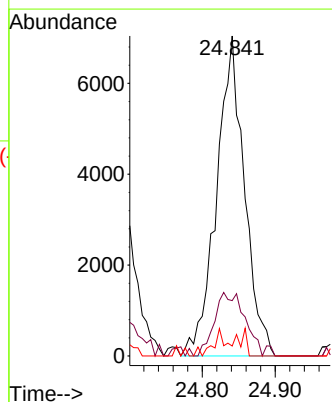
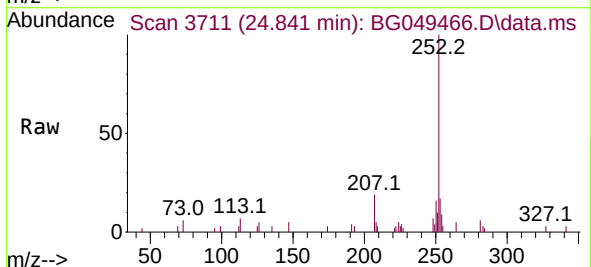
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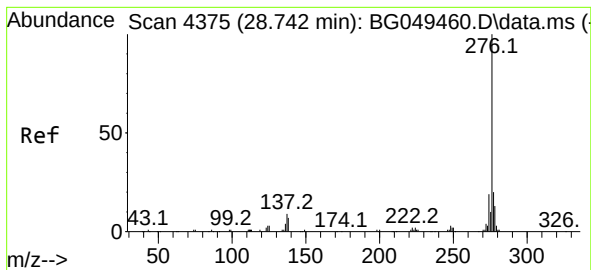
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#93
Benzo(a)pyrene
Concen: 2.44 ng/ul m
RT: 24.841 min Scan# 3711
Delta R.T. 0.003 min
Lab File: BG049466.D
Acq: 25 Jul 2021 1:41

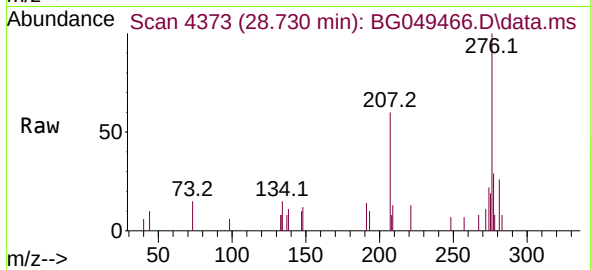
Tgt Ion:252 Resp: 18716
Ion Ratio Lower Upper
252 100
253 17.3 16.4 24.6
125 3.1 4.6 6.8#



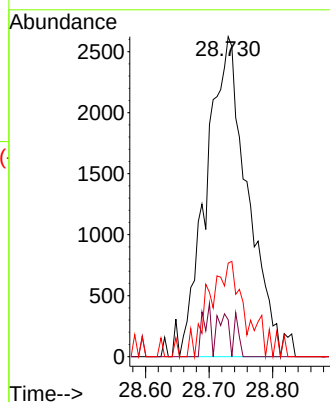
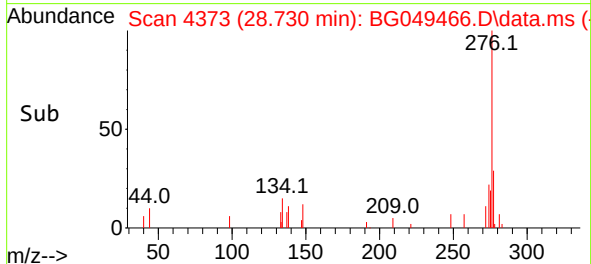


#94

Indeno(1,2,3-cd)pyrene
 Concen: 1.18 ng/ul m
 RT: 28.730 min Scan# 4373
 Delta R.T. -0.009 min
 Lab File: BG049466.D
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Tgt Ion:	276	Resp:	11612
Ion Ratio	Lower	Upper	
276	100		
138	11.5	7.3	10.9#
277	29.2	19.2	28.8#



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