

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

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)

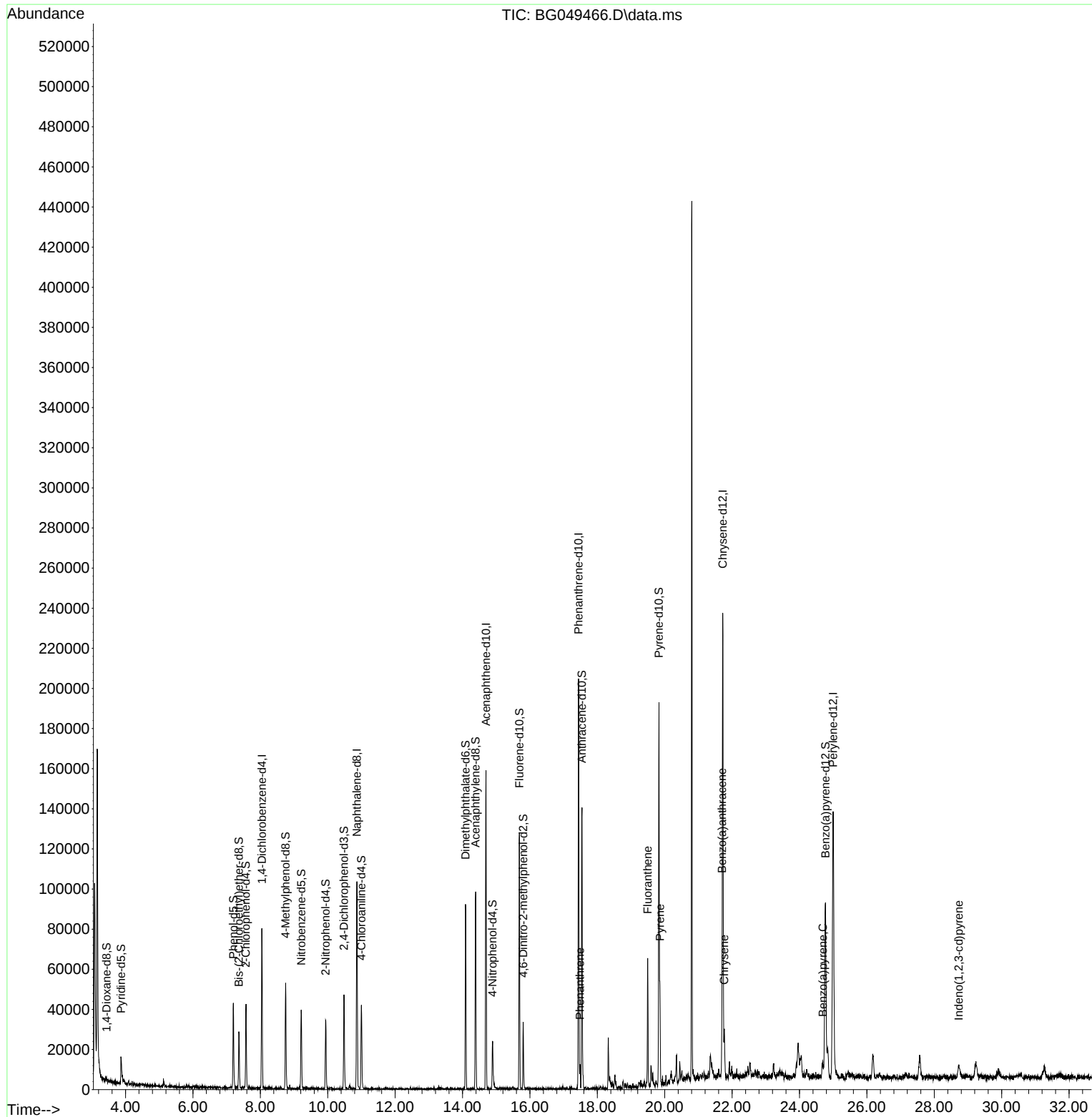
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	20589	20.000	ng/ul	0.00
20) Naphthalene-d8	10.866	136	80998	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.696	164	55964	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	123231	20.000	ng/ul	0.00
79) Chrysene-d12	21.722	240	138116	20.000	ng/ul	0.00
88) Perylene-d12	25.000	264	141304	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	1181	2.624	ng/uL	0.00
4) Pyridine-d5	3.869	84	9288	7.186	ng/ul	0.01
7) Phenol-d5	7.200	99	23245	12.761	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	13854	13.428	ng/ul	0.00
11) 2-Chlorophenol-d4	7.570	132	18208	13.944	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	16940	12.337	ng/ul	0.00
21) Nitrobenzene-d5	9.215	128	8733	14.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.938	143	9775	13.395	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	17103	12.886	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	22223	12.014	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	59159	13.800	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160	70383	14.135	ng/ul	0.00
54) 4-Nitrophenol-d4	14.890	143	6542	9.267	ng/ul	0.00
60) Fluorene-d10	15.689	176	53027	14.358	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.800	200	6886	9.018	ng/ul	0.00
73) Anthracene-d10	17.545	188	80622	14.077	ng/ul	0.00
81) Pyrene-d10	19.830	212	101651	14.393	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.771	264	102224	13.764	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.486	178	8545	1.332	ng/ul#	93
80) Fluoranthene	19.495	202	39337	4.587	ng/ul	99
82) Pyrene	19.860	202	32084	3.768	ng/ul#	96
85) Benzo(a)anthracene	21.704	228	20978	2.484	ng/ul#	86
87) Chrysene	21.769	228	17056	2.110	ng/ul	92
93) Benzo(a)pyrene	24.694	252	9571	1.246	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.730	276	9833	1.003	ng/ul#	90

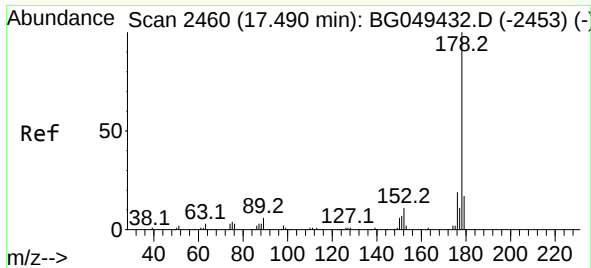
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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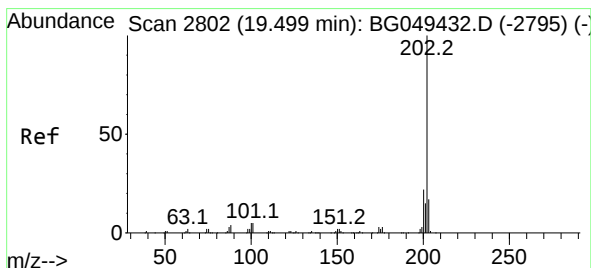
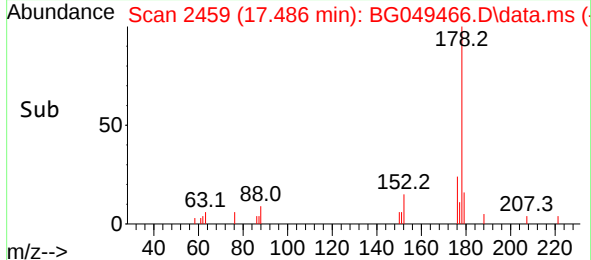
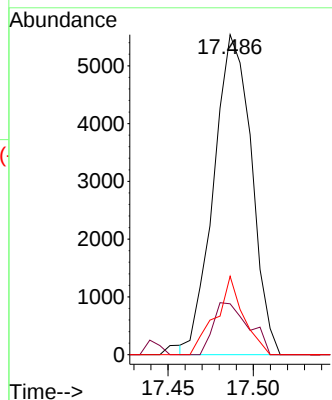
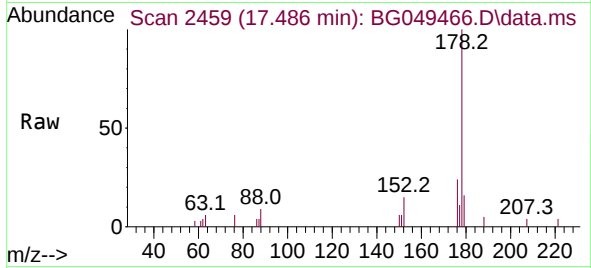




#72
Phenanthrene
Concen: 1.332 ng/ul
RT: 17.486 min Scan# 2459
Delta R.T. -0.003 min
Lab File: BG049466.D
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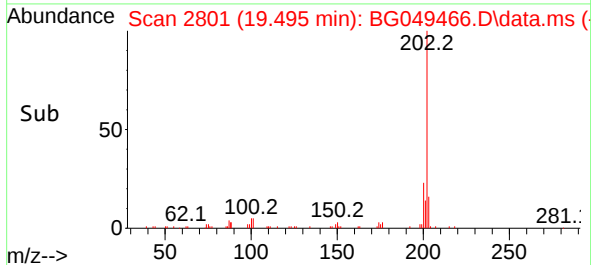
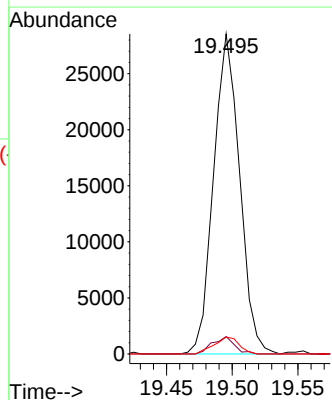
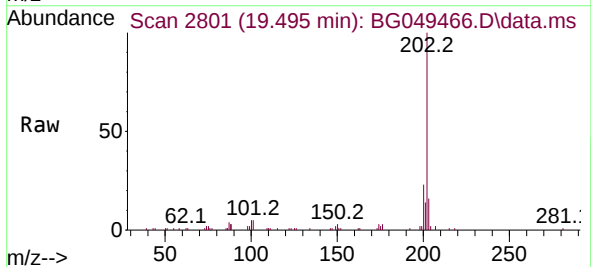
Instrument :
BNA_G
ClientSampled :
BGED9

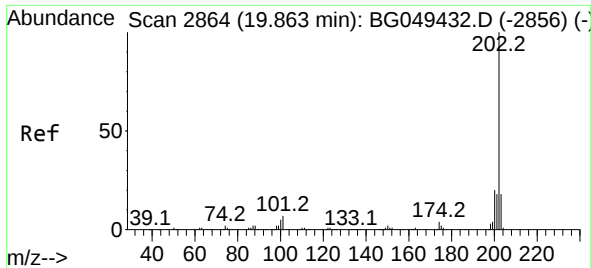
Tgt Ion:178 Resp: 8545
Ion Ratio Lower Upper
178 100
179 15.9 13.2 19.8
176 24.5 15.0 22.6#



#80
Fluoranthene
Concen: 4.587 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

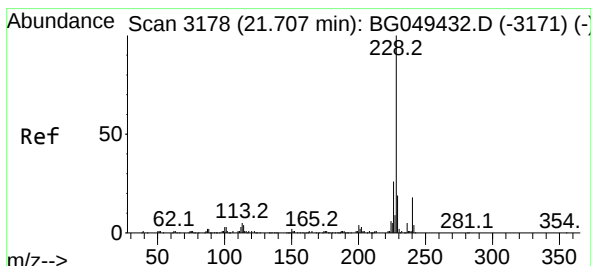
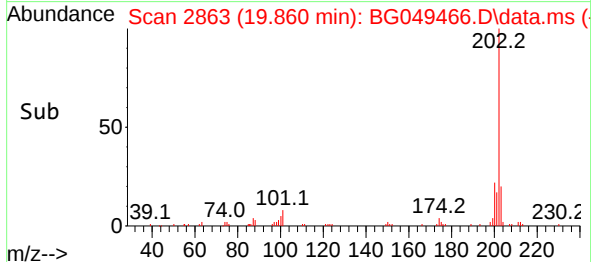
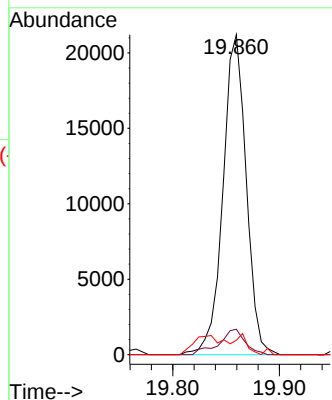
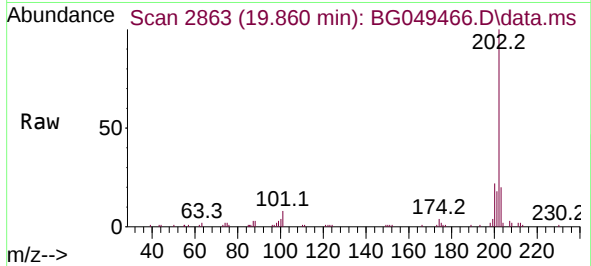




#82
Pyrene
Concen: 3.768 ng/ul
RT: 19.860 min Scan# 2863
Delta R.T. -0.003 min
Lab File: BG049466.D
Acq: 25 Jul 2021 1:41

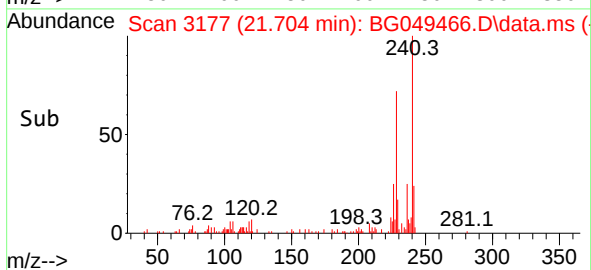
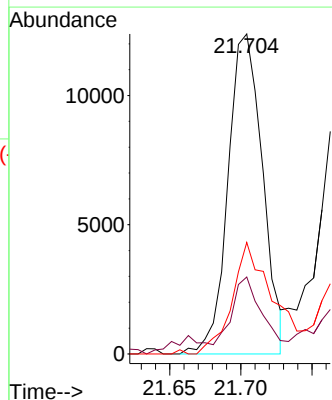
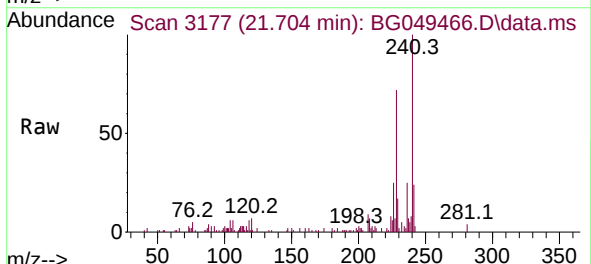
Instrument :
BNA_G
ClientSampled :
BGED9

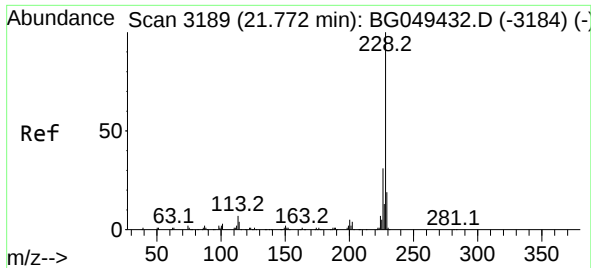
Tgt Ion:202 Resp: 32084
Ion Ratio Lower Upper
202 100
101 8.0 5.3 7.9#
100 4.5 4.7 7.1#



#85
Benzo(a)anthracene
Concen: 2.484 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#

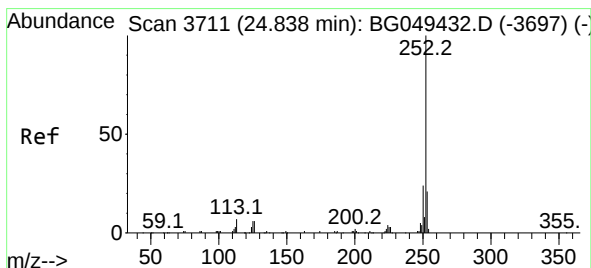
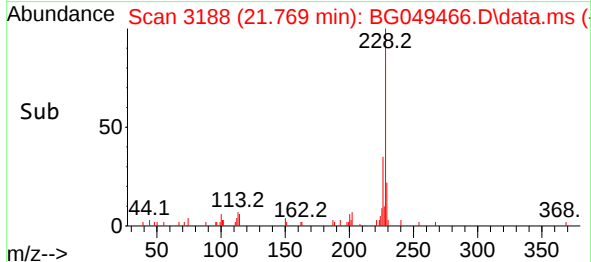
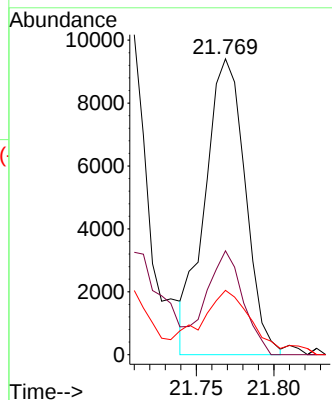
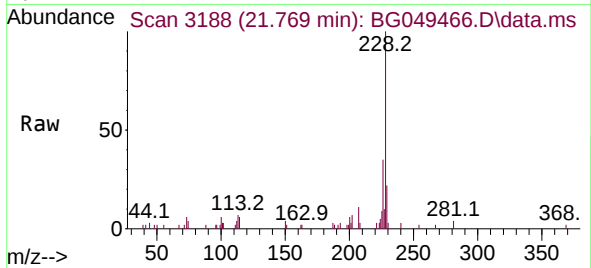




#87
Chrysene
Concen: 2.110 ng/ul
RT: 21.769 min Scan# 3188
Delta R.T. -0.003 min
Lab File: BG049466.D
Acq: 25 Jul 2021 1:41

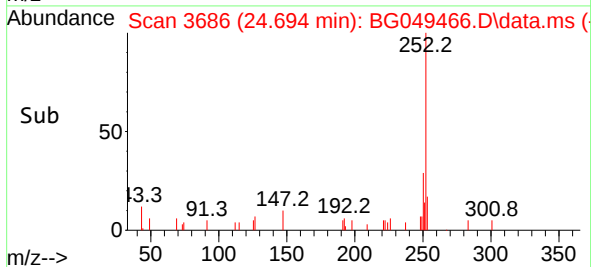
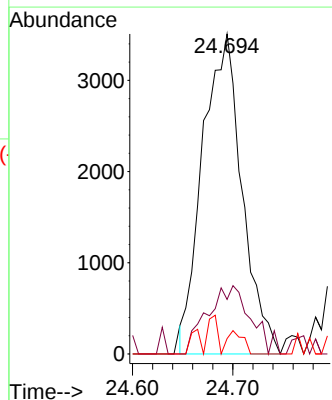
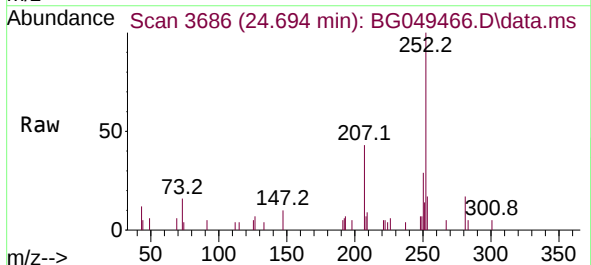
Instrument :
BNA_G
ClientSampleId :
BGED9

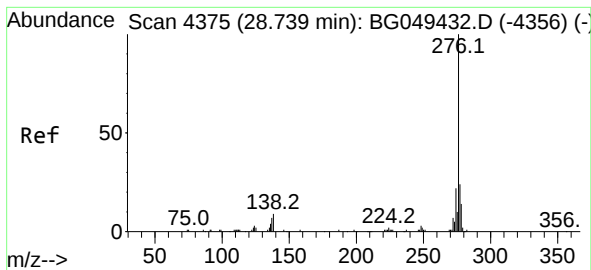
Tgt Ion:	228	Resp:	17056
Ion Ratio	Lower	Upper	
228	100		
226	35.1	24.6	37.0
229	21.7	14.9	22.3



#93
Benzo(a)pyrene
Concen: 1.246 ng/ul
RT: 24.694 min Scan# 3686
Delta R.T. -0.144 min
Lab File: BG049466.D
Acq: 25 Jul 2021 1:41

Tgt Ion:	252	Resp:	9571
Ion Ratio	Lower	Upper	
252	100		
253	17.0	16.4	24.6
125	4.8	4.6	6.8





#94

Indeno(1,2,3-cd)pyrene

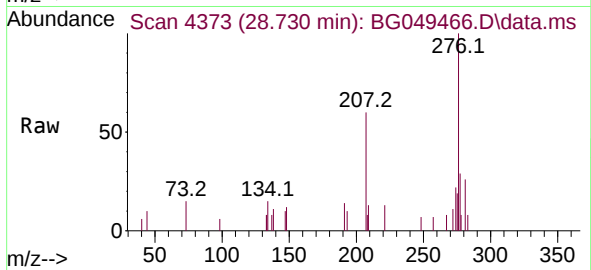
Concen: 1.003 ng/ul

RT: 28.730 min Scan# 4373

Delta R.T. -0.009 min

Lab File: BG049466.D

Acq: 25 Jul 2021 1:41



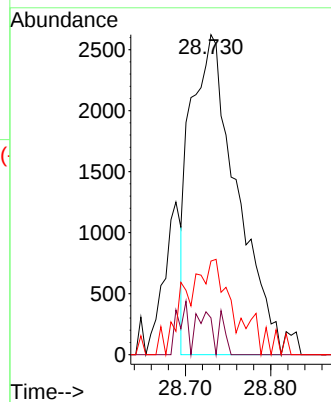
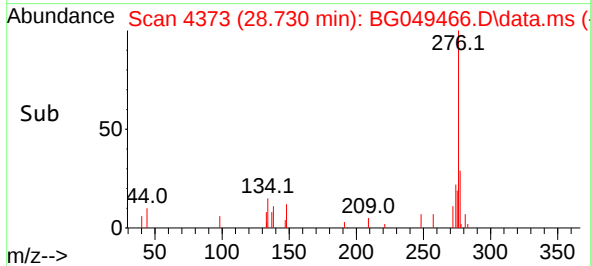
Tgt Ion:276 Resp: 9833

Ion Ratio Lower Upper

276 100

138 11.5 7.3 10.9#

277 29.2 19.2 28.8#



Instrument :

BNA_G

ClientSampleId :

BGED9