

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061289.D
 Acq On : 24 May 2024 15:53
 Operator : MA/JU
 Sample : P2548-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH614

Quant Time: May 24 23:49:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

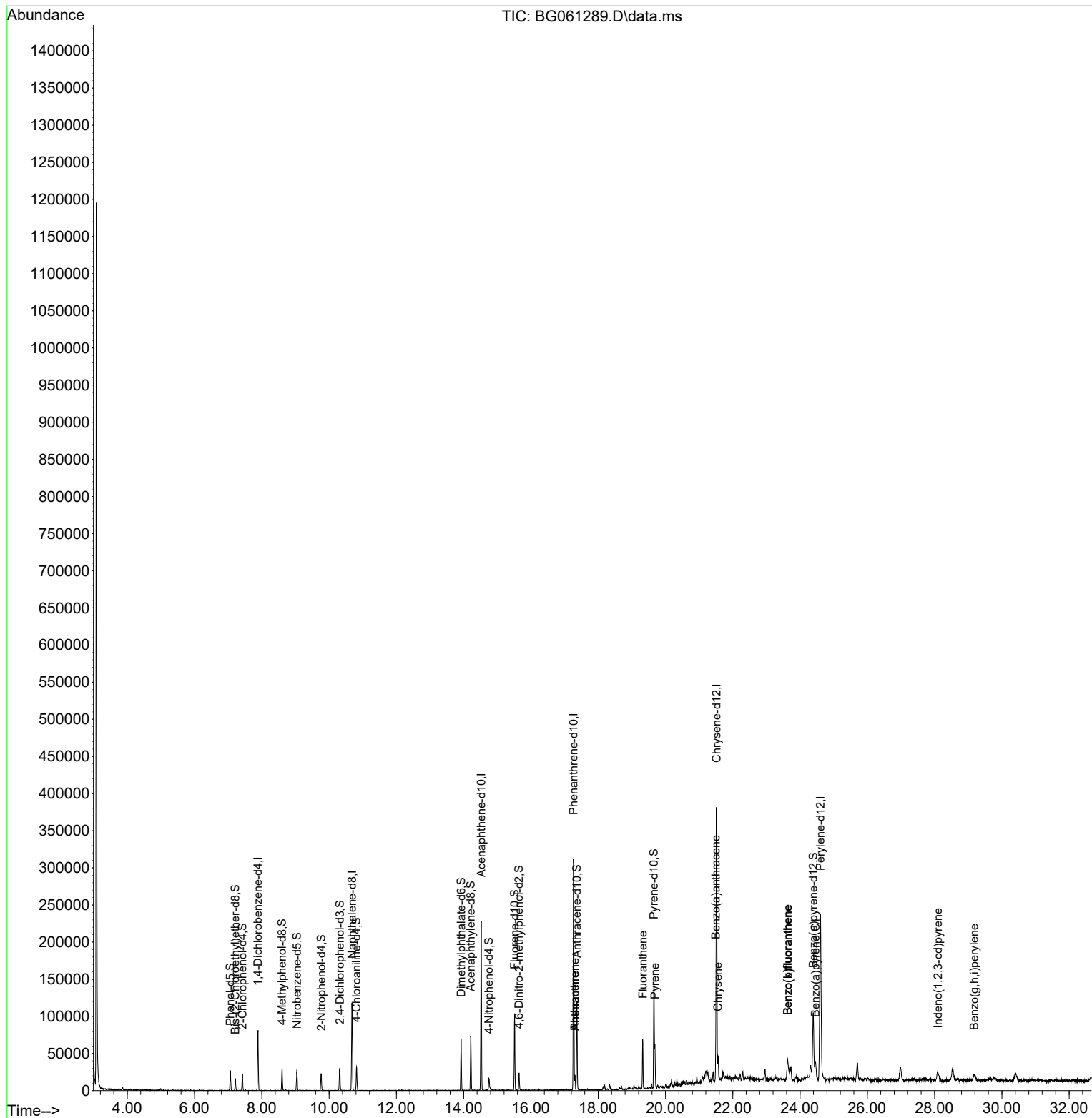
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	20396	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	89812	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.521	164	79164	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	203060	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	206181	20.000	ng/ul	0.00
88) Perylene-d12	24.603	264	234007	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	246	0.675	ng/uL	0.00
4) Pyridine-d5	3.734	84	328	0.253	ng/ul	-0.01
7) Phenol-d5	7.065	99	12138	7.247	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	7467	7.093	ng/ul	0.00
11) 2-Chlorophenol-d4	7.424	132	8851	7.140	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	9941	6.961	ng/ul	0.00
21) Nitrobenzene-d5	9.045	128	4951	7.160	ng/ul	0.00
24) 2-Nitrophenol-d4	9.768	143	5966	7.372	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	12358	7.833	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	14925	7.231	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	45376	7.390	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	48023	7.523	ng/ul	0.00
54) 4-Nitrophenol-d4	14.750	143	3534	4.656	ng/ul	0.00
60) Fluorene-d10	15.514	176	41461	7.822	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	5831	4.748	ng/ul	0.00
73) Anthracene-d10	17.365	188	71996	8.042	ng/ul	0.00
81) Pyrene-d10	19.656	212	88659	8.375	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	89956	7.996	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	13974	1.418	ng/ul#	93
74) Anthracene	17.306	178	13974	1.371	ng/ul	93
80) Fluoranthene	19.327	202	42938	3.381	ng/ul#	97
82) Pyrene	19.686	202	40721	3.089	ng/ul	99
85) Benzo(a)anthracene	21.501	228	22681	1.594	ng/ul	97
87) Chrysene	21.560	228	25532	1.949	ng/ul	98
90) Benzo(b)fluoranthene	23.634	252	33419	2.399	ng/ul#	94
91) Benzo(k)fluoranthene	23.634	252	33419	2.363	ng/ul#	97
93) Benzo(a)pyrene	24.456	252	25380	1.918	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	28.099	276	18184	1.137	ng/ul#	95
96) Benzo(g,h,i)perylene	29.180	276	18132	1.425	ng/ul#	92

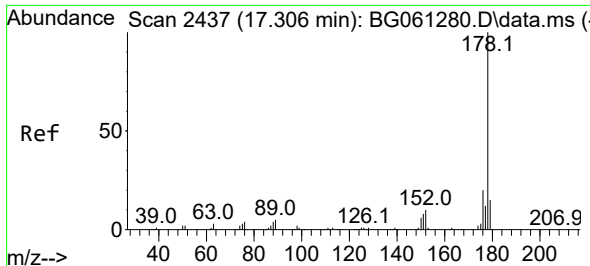
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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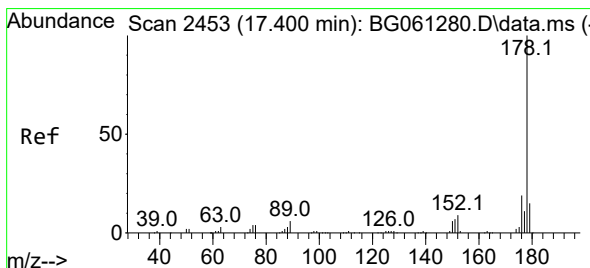
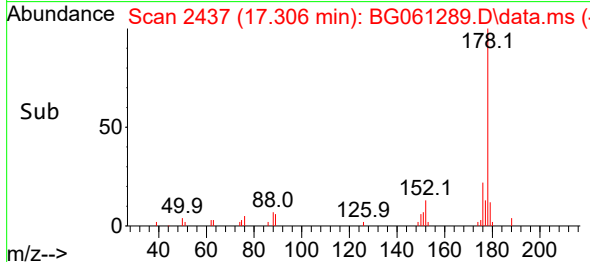
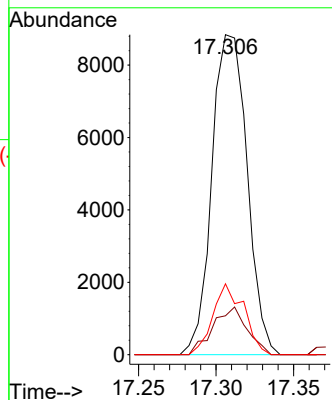
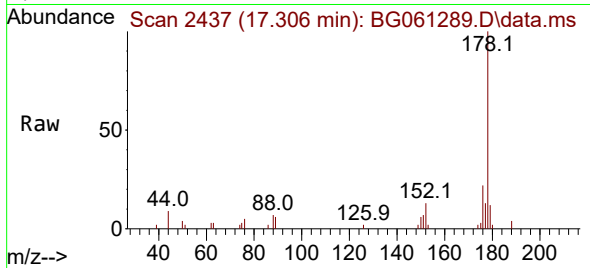




#72
Phenanthrene
Concen: 1.418 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.007 min
Lab File: BG061289.D
Acq: 24 May 2024 15:53

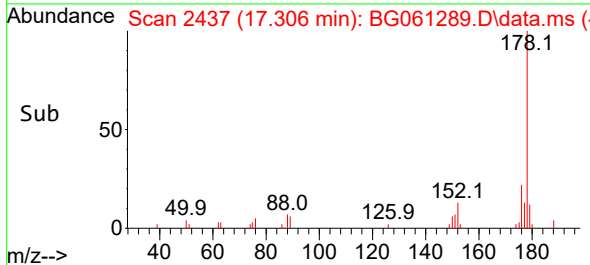
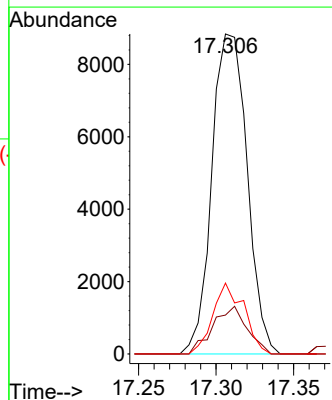
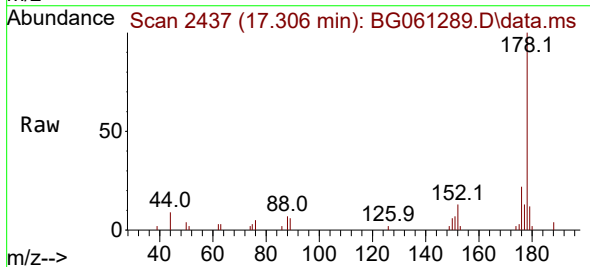
Instrument :
BNA_G
ClientSampleId :
BH614

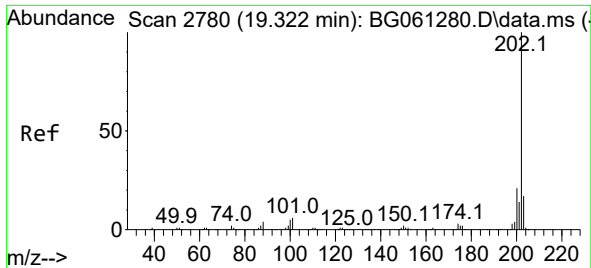
Tgt Ion:178 Resp: 13974
Ion Ratio Lower Upper
178 100
179 12.2 12.7 19.1#
176 22.1 15.5 23.3



#74
Anthracene
Concen: 1.371 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.095 min
Lab File: BG061289.D
Acq: 24 May 2024 15:53

Tgt Ion:178 Resp: 13974
Ion Ratio Lower Upper
178 100
179 12.2 11.8 17.6
176 22.1 14.9 22.3

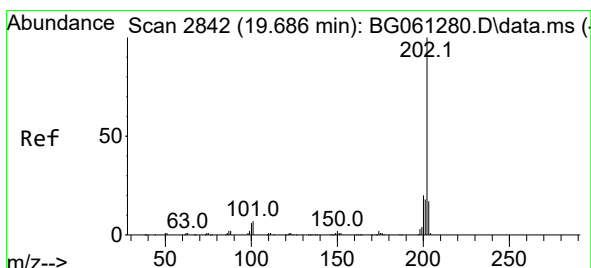
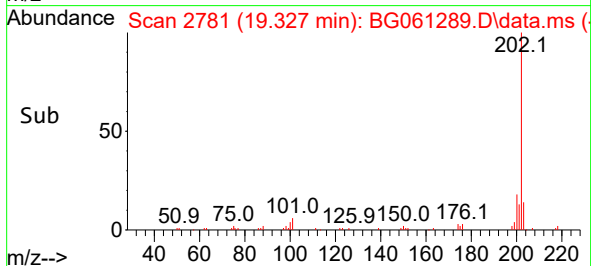
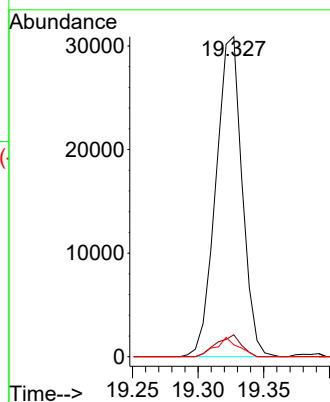
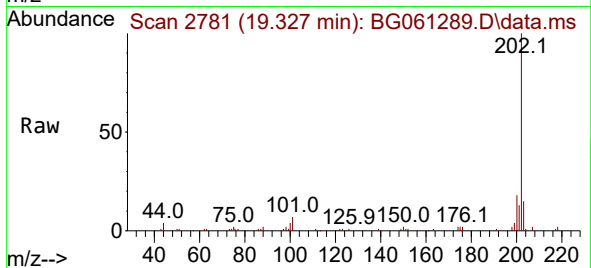




#80
Fluoranthene
Concen: 3.381 ng/uI
RT: 19.327 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG061289.D
Acq: 24 May 2024 15:53

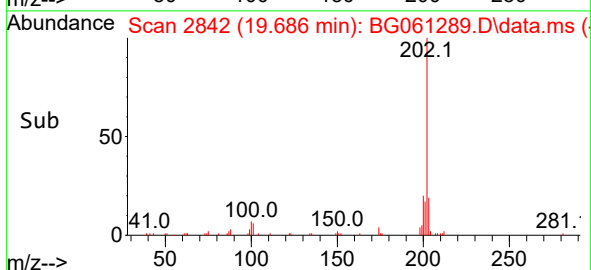
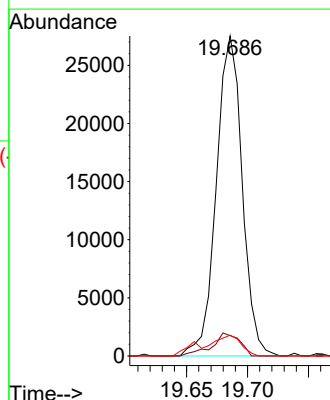
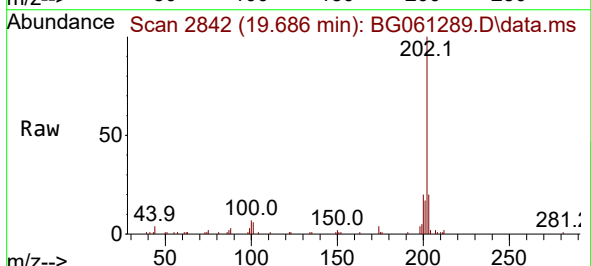
Instrument :
BNA_G
ClientSampleId :
BH614

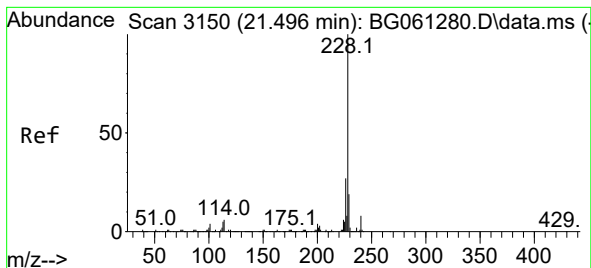
Tgt Ion:202 Resp: 42938
Ion Ratio Lower Upper
202 100
101 6.8 4.8 7.2
100 3.7 4.1 6.1#



#82
Pyrene
Concen: 3.089 ng/uI
RT: 19.686 min Scan# 2842
Delta R.T. -0.001 min
Lab File: BG061289.D
Acq: 24 May 2024 15:53

Tgt Ion:202 Resp: 40721
Ion Ratio Lower Upper
202 100
101 6.3 5.7 8.5
100 6.5 5.1 7.7





#85

Benzo(a)anthracene

Concen: 1.594 ng/ul

RT: 21.501 min Scan# 3151

Delta R.T. -0.001 min

Lab File: BG061289.D

Acq: 24 May 2024 15:53

Instrument :

BNA_G

ClientSampleId :

BH614

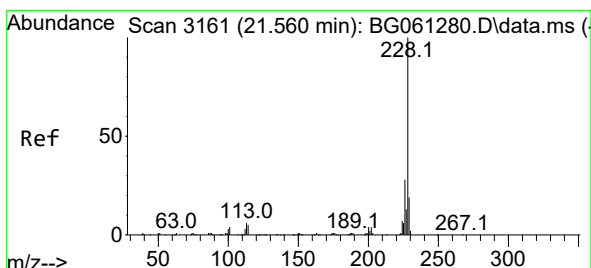
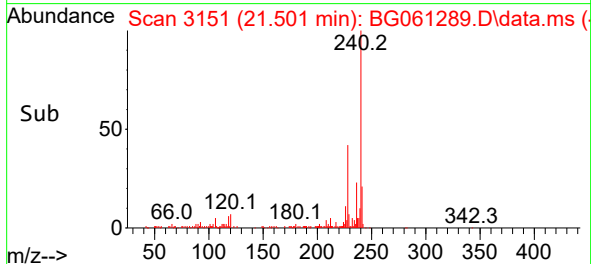
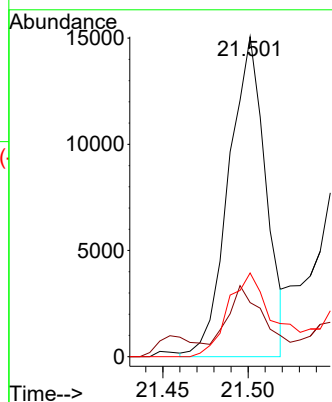
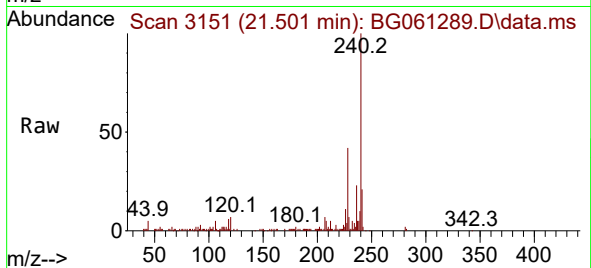
Tgt Ion:228 Resp: 22681

Ion Ratio Lower Upper

228 100

229 16.9 15.2 22.8

226 26.1 21.4 32.2



#87

Chrysene

Concen: 1.949 ng/ul

RT: 21.560 min Scan# 3161

Delta R.T. -0.007 min

Lab File: BG061289.D

Acq: 24 May 2024 15:53

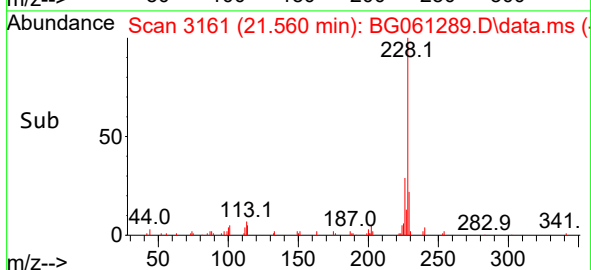
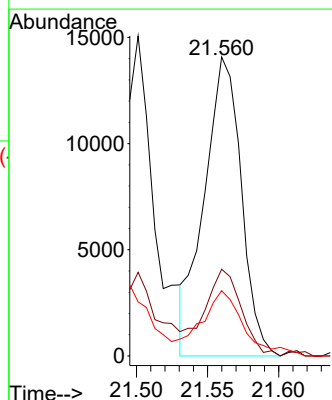
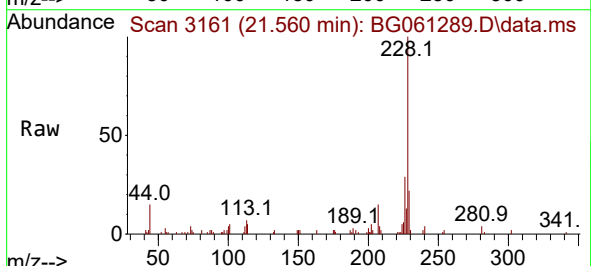
Tgt Ion:228 Resp: 25532

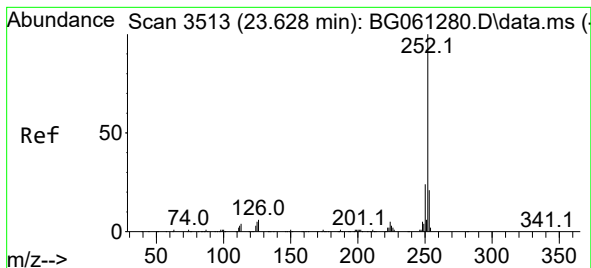
Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.0

229 21.9 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 2.399 ng/ul

RT: 23.634 min Scan# 3514

Delta R.T. 0.005 min

Lab File: BG061289.D

Acq: 24 May 2024 15:53

Instrument :

BNA_G

ClientSampleId :

BH614

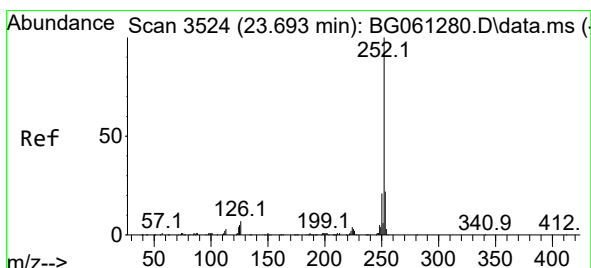
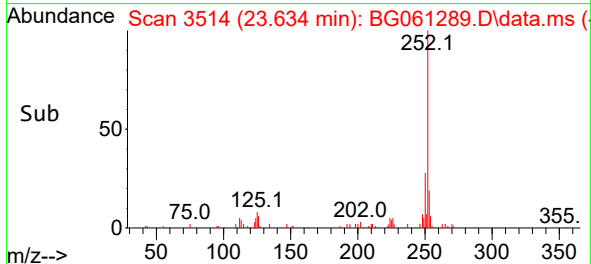
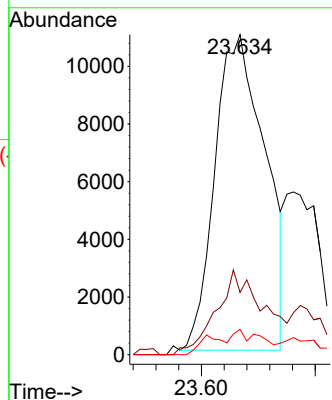
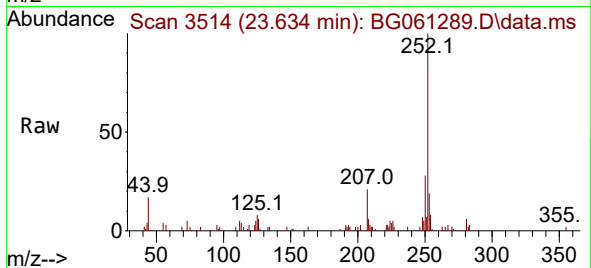
Tgt Ion:252 Resp: 33419

Ion Ratio Lower Upper

252 100

253 19.5 17.8 26.8

125 7.9 4.6 6.8#



#91

Benzo(k)fluoranthene

Concen: 2.363 ng/ul

RT: 23.634 min Scan# 3514

Delta R.T. -0.060 min

Lab File: BG061289.D

Acq: 24 May 2024 15:53

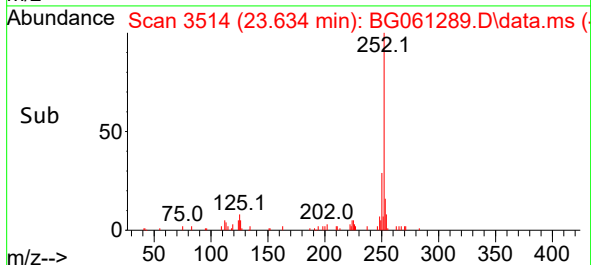
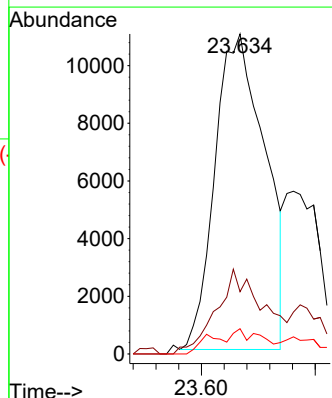
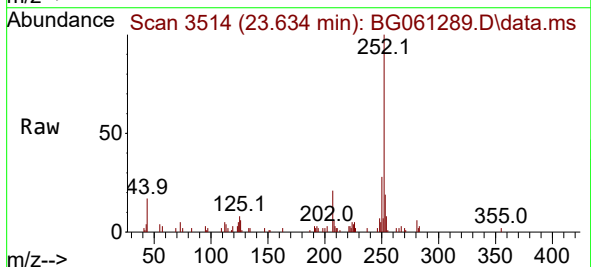
Tgt Ion:252 Resp: 33419

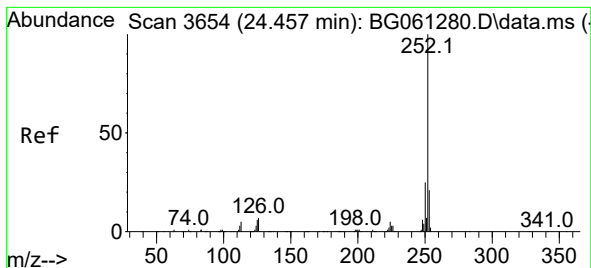
Ion Ratio Lower Upper

252 100

253 19.5 16.0 24.0

125 7.9 4.3 6.5#





#93

Benzo(a)pyrene

Concen: 1.918 ng/ul

RT: 24.456 min Scan# 3

Delta R.T. -0.007 min

Lab File: BG061289.D

Acq: 24 May 2024 15:53

Instrument :

BNA_G

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BH614

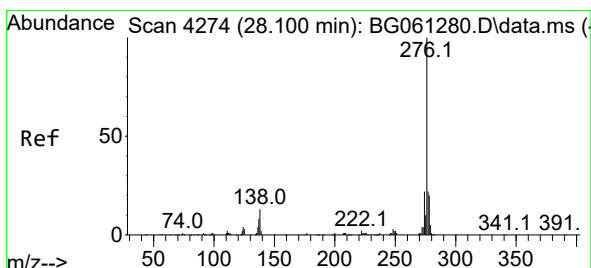
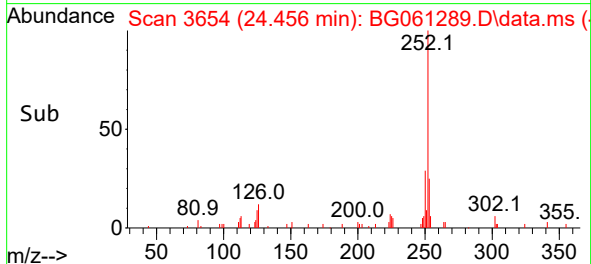
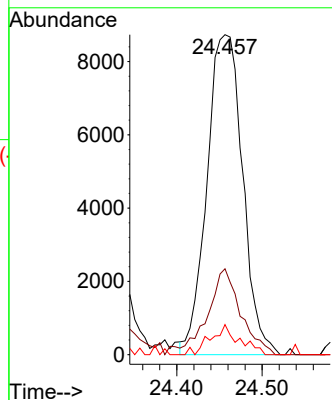
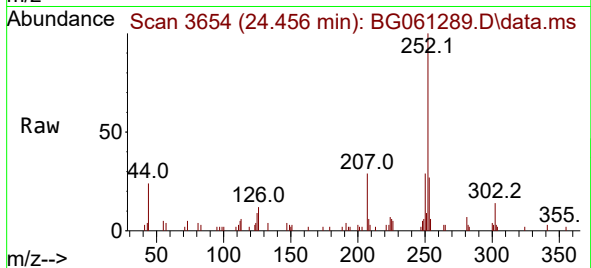
Tgt Ion:252 Resp: 25380

Ion Ratio Lower Upper

252 100

253 26.9 16.4 24.6#

125 9.4 4.3 6.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.137 ng/ul

RT: 28.099 min Scan# 4274

Delta R.T. -0.007 min

Lab File: BG061289.D

Acq: 24 May 2024 15:53

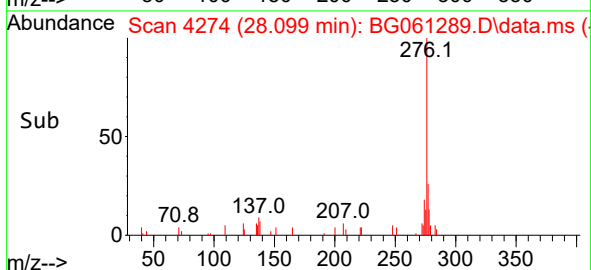
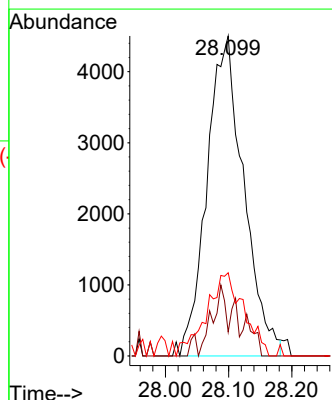
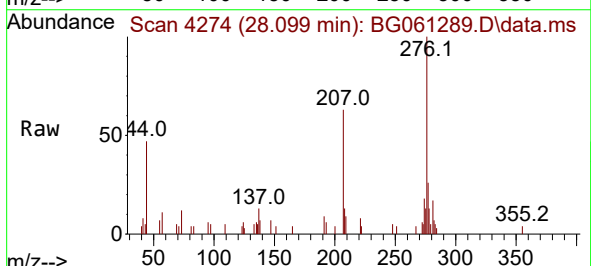
Tgt Ion:276 Resp: 18184

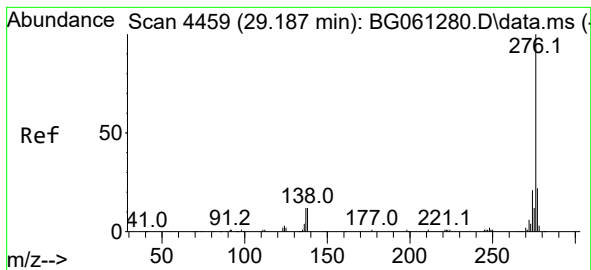
Ion Ratio Lower Upper

276 100

138 7.5 8.6 13.0#

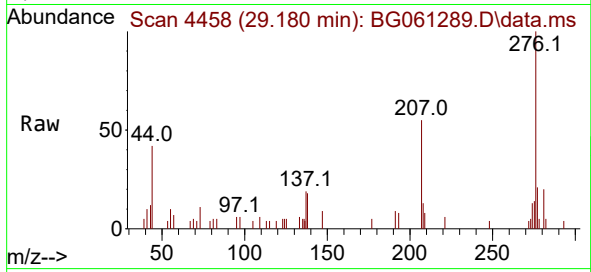
277 26.0 19.7 29.5





#96
 Benzo(g,h,i)perylene
 Concen: 1.425 ng/ul
 RT: 29.180 min Scan# 44
 Delta R.T. -0.013 min
 Lab File: BG061289.D
 Acq: 24 May 2024 15:53

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:276 Resp: 18132
 Ion Ratio Lower Upper
 276 100
 138 17.5 8.7 13.1#
 277 21.1 18.2 27.2

