

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061403.D
 Acq On : 31 May 2024 21:37
 Operator : MA/JU
 Sample : P2588-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6E5

Quant Time: May 31 22:44:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

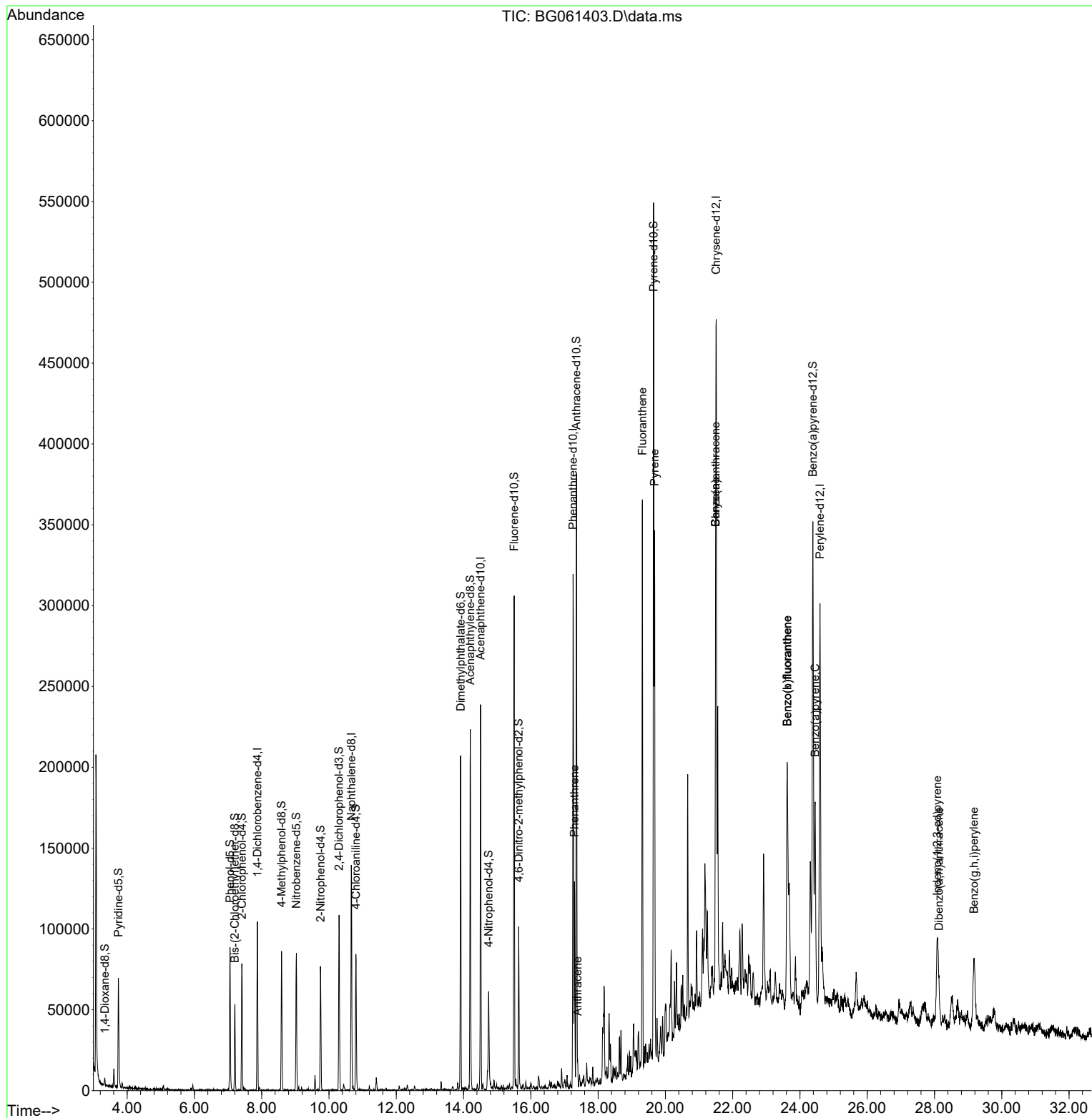
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	27431	20.000	ng/u1	0.00
20) Naphthalene-d8	10.664	136	104245	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.507	164	83048	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.256	188	197960	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.510	240	208012	20.000	ng/u1	0.00
88) Perylene-d12	24.595	264	237412	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	2154	4.394	ng/uL	0.00
4) Pyridine-d5	3.743	84	28665	16.438	ng/u1	0.00
7) Phenol-d5	7.057	99	37949	16.846	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	24830	17.537	ng/u1	0.00
11) 2-Chlorophenol-d4	7.409	132	30839	18.498	ng/u1	0.00
15) 4-Methylphenol-d8	8.590	113	27367	14.248	ng/u1	0.00
21) Nitrobenzene-d5	9.031	128	16781	20.908	ng/u1	0.00
24) 2-Nitrophenol-d4	9.747	143	19258	20.502	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.300	165	38782	21.178	ng/u1	0.00
31) 4-Chloroaniline-d4	10.799	131	38958	16.261	ng/u1	0.00
46) Dimethylphthalate-d6	13.913	166	135059	20.969	ng/u1	0.00
49) Acenaphthylene-d8	14.201	160	149787	22.369	ng/u1	0.00
54) 4-Nitrophenol-d4	14.748	143	13426	16.860	ng/u1	0.00
60) Fluorene-d10	15.505	176	124558	22.399	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	20149	16.829	ng/u1	0.00
73) Anthracene-d10	17.356	188	221383	25.366	ng/u1	0.00
81) Pyrene-d10	19.648	212	273183	25.578	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.383	264	298081	26.116	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.297	178	82076	8.542	ng/u1	99
74) Anthracene	17.391	178	10923	1.100	ng/u1	93
80) Fluoranthene	19.319	202	225132	17.571	ng/u1	100
82) Pyrene	19.677	202	209908	15.783	ng/u1	99
85) Benzo(a)anthracene	21.493	228	121790	8.485	ng/u1	99
87) Chrysene	21.493	228	120699	9.133	ng/u1	98
90) Benzo(b)fluoranthene	23.625	252	186727	13.210	ng/u1	97
91) Benzo(k)fluoranthene	23.625	252	186727	13.012	ng/u1	92
93) Benzo(a)pyrene	24.454	252	125853	9.376	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.085	276	91989	5.667	ng/u1	97
95) Dibenzo(a,h)anthracene	28.132	278	14487	1.082	ng/u1	95
96) Benzo(g,h,i)perylene	29.172	276	85089	6.589	ng/u1	98

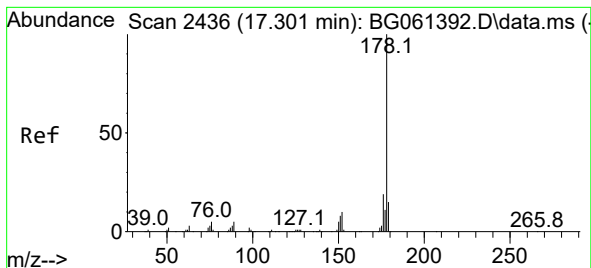
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
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#72

Phenanthrene

Concen: 8.542 ng/ul

RT: 17.297 min Scan# 2435

Delta R.T. -0.002 min

Lab File: BG061403.D

Acq: 31 May 2024 21:37

Instrument :

BNA_G

ClientSampleId :

BH6E5

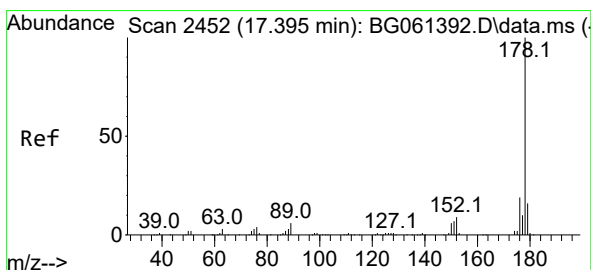
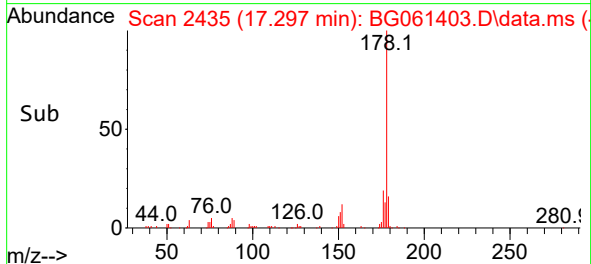
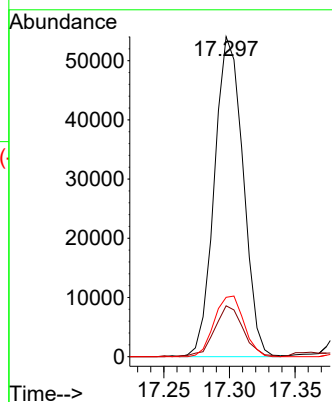
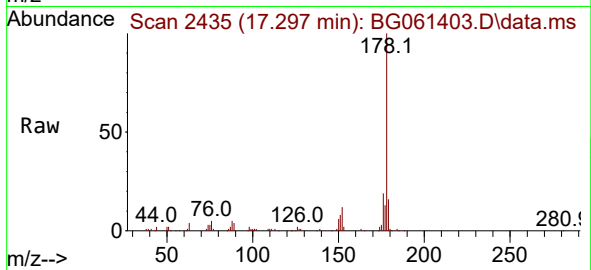
Tgt Ion:178 Resp: 82076

Ion Ratio Lower Upper

178 100

179 15.9 12.7 19.1

176 18.5 15.5 23.3



#74

Anthracene

Concen: 1.100 ng/ul

RT: 17.391 min Scan# 2451

Delta R.T. -0.002 min

Lab File: BG061403.D

Acq: 31 May 2024 21:37

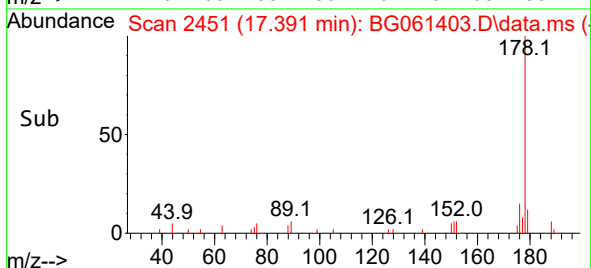
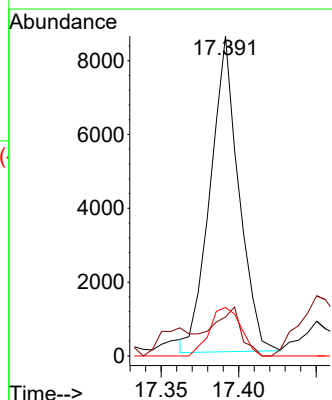
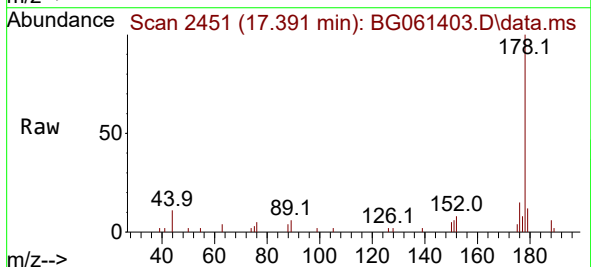
Tgt Ion:178 Resp: 10923

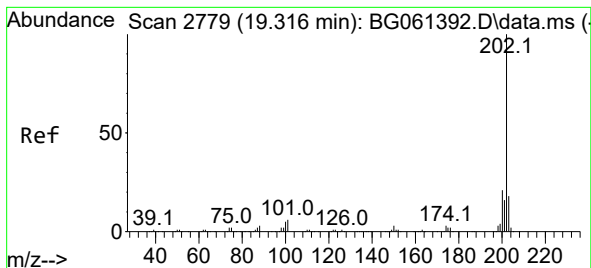
Ion Ratio Lower Upper

178 100

179 12.2 11.8 17.6

176 15.2 14.9 22.3





#80

Fluoranthene

Concen: 17.571 ng/ul

RT: 19.319 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG061403.D

Acq: 31 May 2024 21:37

Instrument :

BNA_G

ClientSampleId :

BH6E5

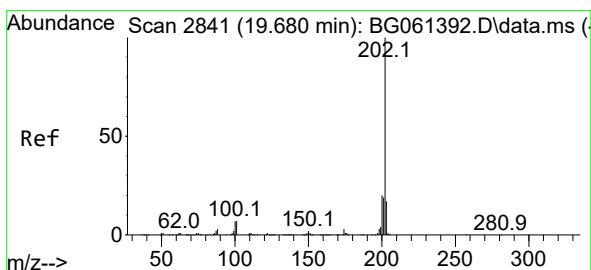
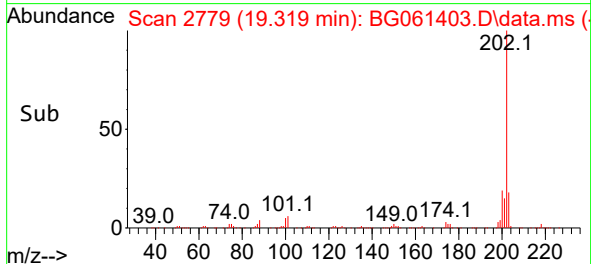
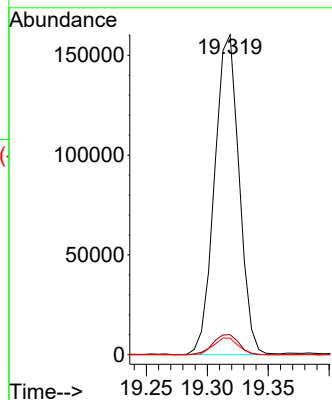
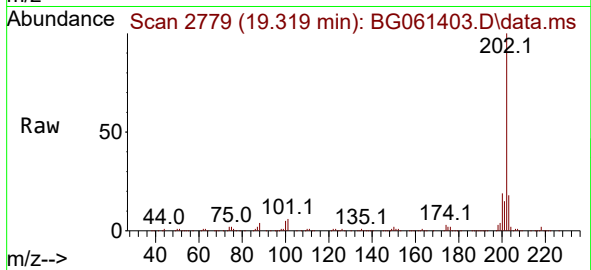
Tgt Ion:202 Resp: 225132

Ion Ratio Lower Upper

202 100

101 6.3 4.8 7.2

100 5.1 4.1 6.1



#82

Pyrene

Concen: 15.783 ng/ul

RT: 19.677 min Scan# 2840

Delta R.T. -0.002 min

Lab File: BG061403.D

Acq: 31 May 2024 21:37

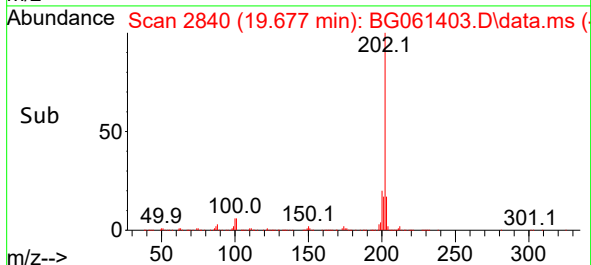
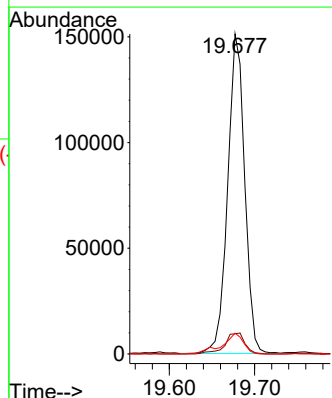
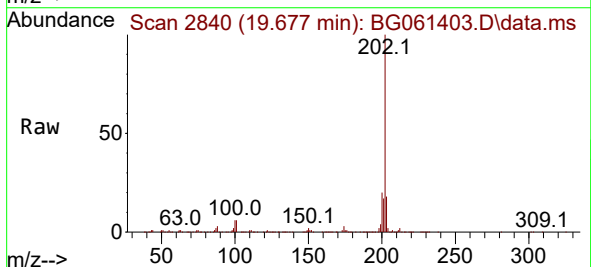
Tgt Ion:202 Resp: 209908

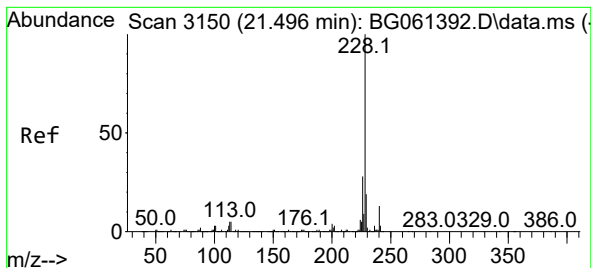
Ion Ratio Lower Upper

202 100

101 6.3 5.7 8.5

100 6.5 5.1 7.7





#85

Benzo(a)anthracene

Concen: 8.485 ng/ul

RT: 21.493 min Scan# 3149

Delta R.T. -0.002 min

Lab File: BG061403.D

Acq: 31 May 2024 21:37

Instrument :

BNA_G

ClientSampleId :

BH6E5

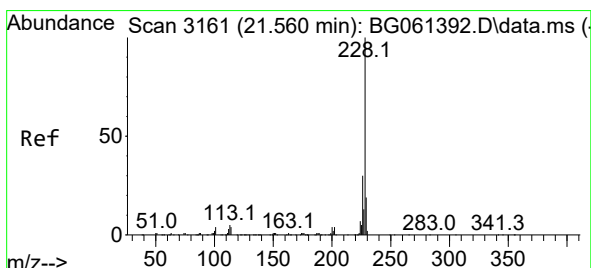
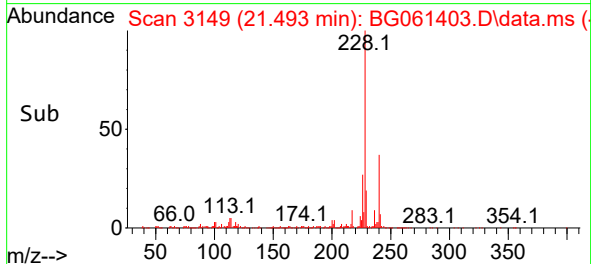
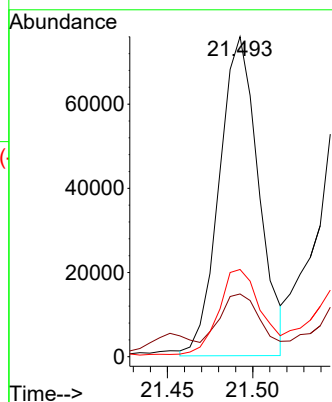
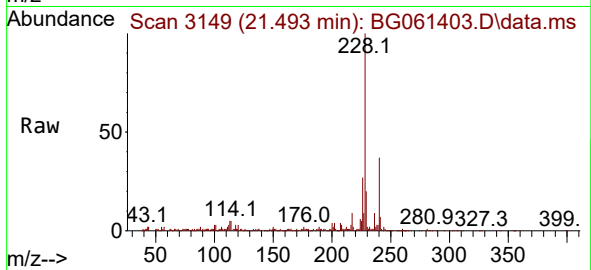
Tgt Ion:228 Resp: 121790

Ion Ratio Lower Upper

228 100

229 19.6 15.2 22.8

226 27.2 21.4 32.2



#87

Chrysene

Concen: 9.133 ng/ul

RT: 21.493 min Scan# 3149

Delta R.T. -0.061 min

Lab File: BG061403.D

Acq: 31 May 2024 21:37

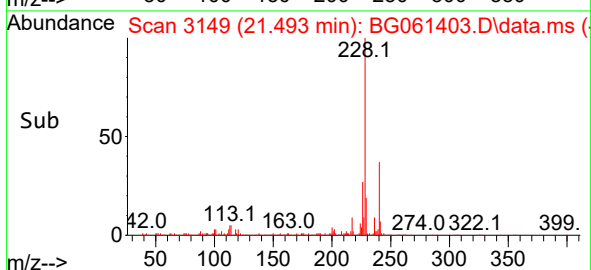
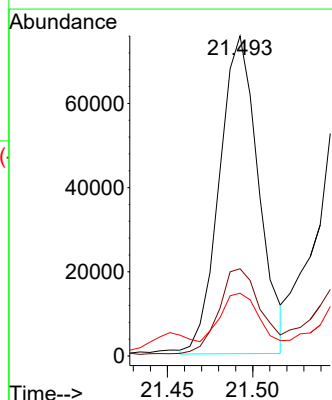
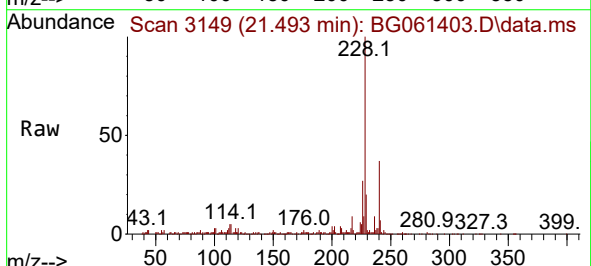
Tgt Ion:228 Resp: 120699

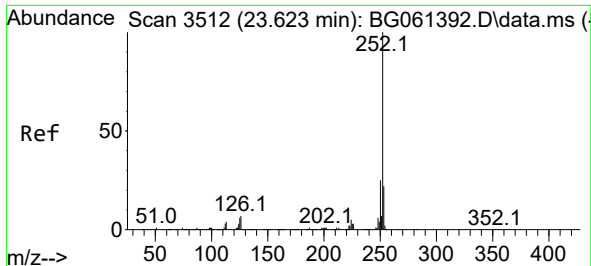
Ion Ratio Lower Upper

228 100

226 27.2 23.4 35.0

229 19.6 15.4 23.2

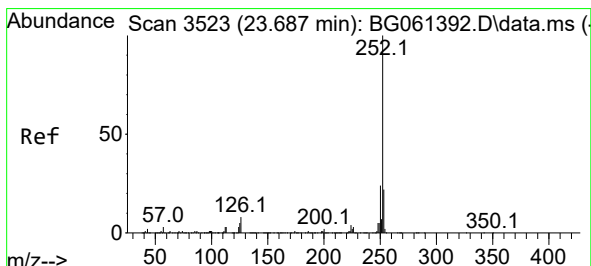
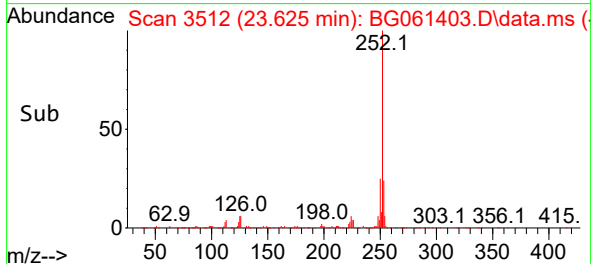
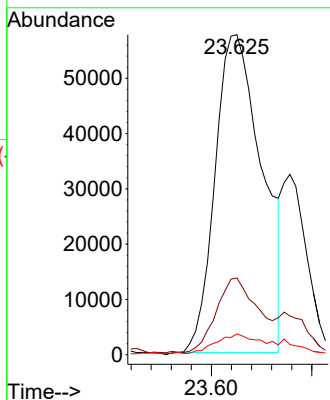
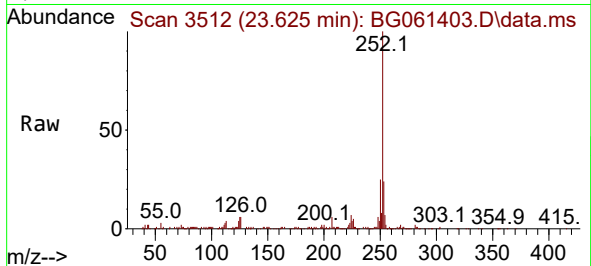




#90
Benzo(b)fluoranthene
Concen: 13.210 ng/ul
RT: 23.625 min Scan# 3512
Delta R.T. 0.010 min
Lab File: BG061403.D
Acq: 31 May 2024 21:37

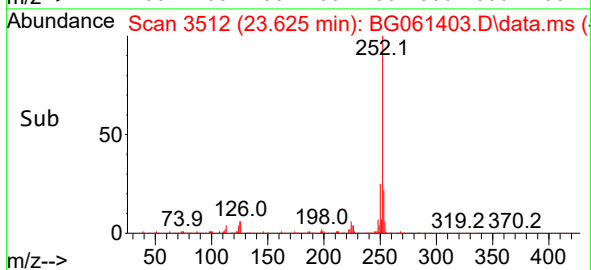
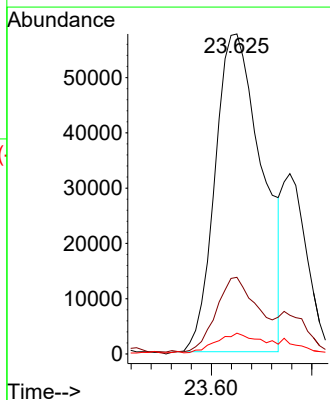
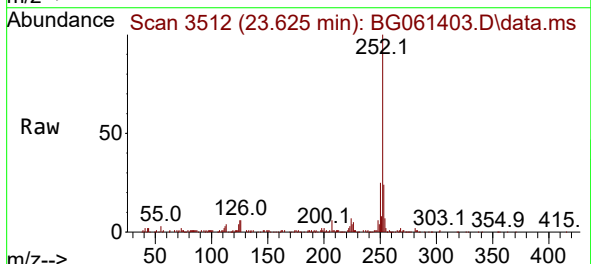
Instrument :
BNA_G
ClientSampleId :
BH6E5

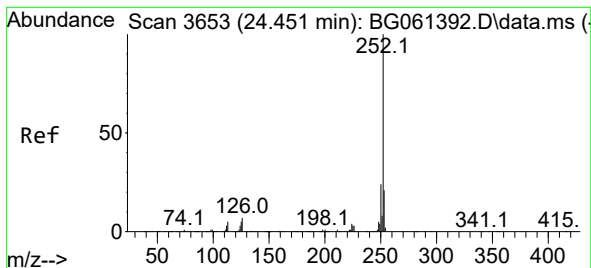
Tgt Ion:252 Resp: 186727
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 6.5 4.6 6.8



#91
Benzo(k)fluoranthene
Concen: 13.012 ng/ul
RT: 23.625 min Scan# 3512
Delta R.T. -0.055 min
Lab File: BG061403.D
Acq: 31 May 2024 21:37

Tgt Ion:252 Resp: 186727
Ion Ratio Lower Upper
252 100
253 24.0 16.0 24.0
125 6.5 4.3 6.5





#93

Benzo(a)pyrene

Concen: 9.376 ng/ul

RT: 24.454 min Scan# 3

Delta R.T. 0.004 min

Lab File: BG061403.D

Acq: 31 May 2024 21:37

Instrument :

BNA_G

ClientSampleId :

BH6E5

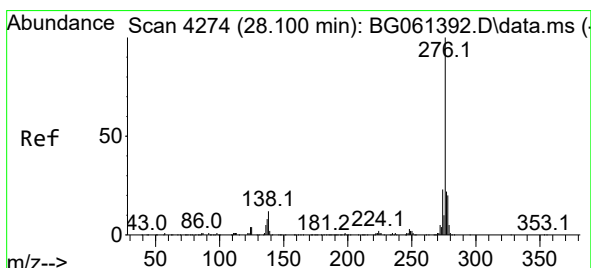
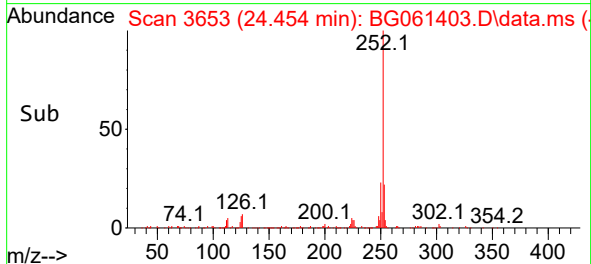
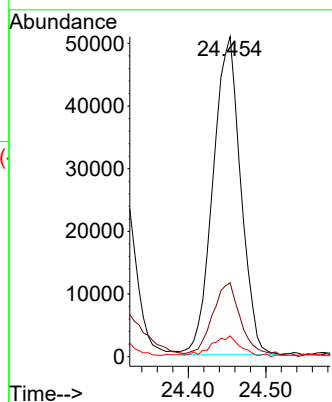
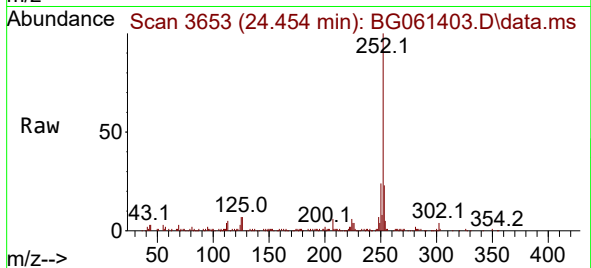
Tgt Ion:252 Resp: 125853

Ion Ratio Lower Upper

252 100

253 23.1 16.4 24.6

125 6.5 4.3 6.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.667 ng/ul

RT: 28.085 min Scan# 4271

Delta R.T. -0.008 min

Lab File: BG061403.D

Acq: 31 May 2024 21:37

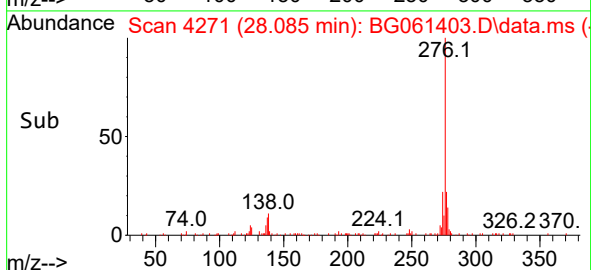
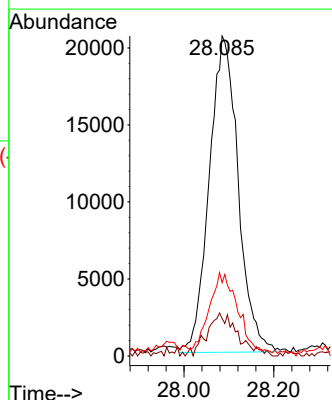
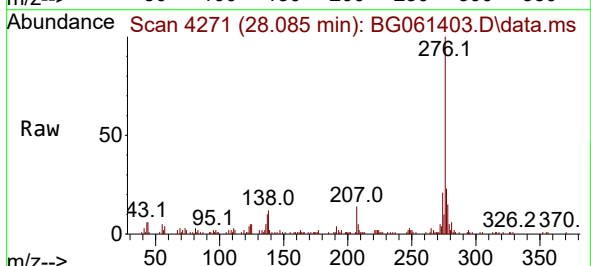
Tgt Ion:276 Resp: 91989

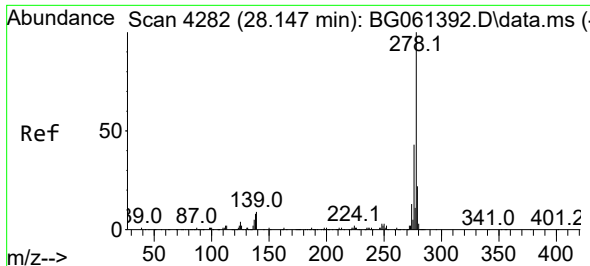
Ion Ratio Lower Upper

276 100

138 11.7 8.6 13.0

277 22.9 19.7 29.5

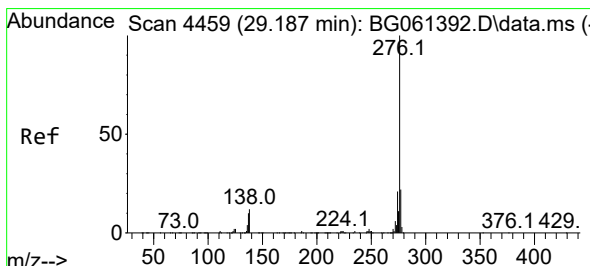
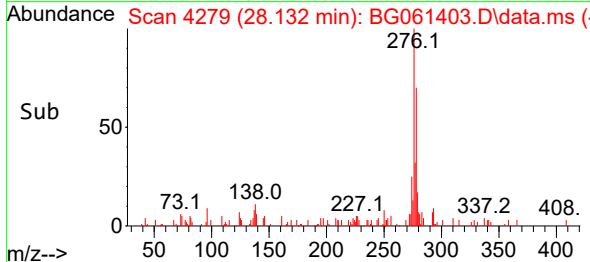
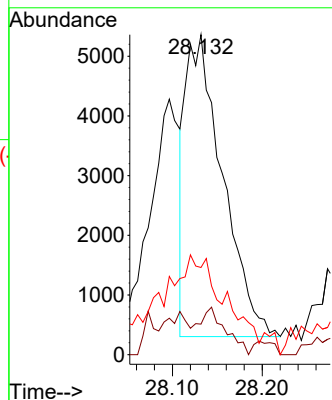
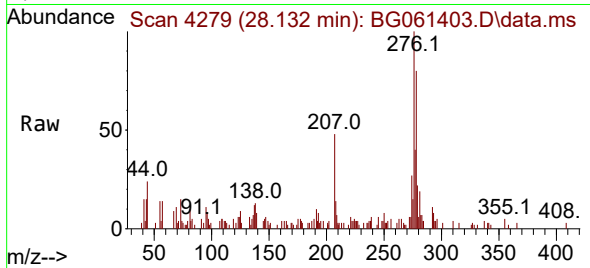




#95
 Dibenzo(a,h)anthracene
 Concen: 1.082 ng/ul
 RT: 28.132 min Scan# 41
 Delta R.T. -0.008 min
 Lab File: BG061403.D
 Acq: 31 May 2024 21:37

Instrument :
 BNA_G
 ClientSampleId :
 BH6E5

Tgt Ion:278 Resp: 14487
 Ion Ratio Lower Upper
 278 100
 139 9.6 6.4 9.6
 279 27.2 19.9 29.9



#96
 Benzo(g,h,i)perylene
 Concen: 6.589 ng/ul
 RT: 29.172 min Scan# 4456
 Delta R.T. -0.002 min
 Lab File: BG061403.D
 Acq: 31 May 2024 21:37

Tgt Ion:276 Resp: 85089
 Ion Ratio Lower Upper
 276 100
 138 11.2 8.7 13.1
 277 21.5 18.2 27.2

