

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061337.D
 Acq On : 29 May 2024 20:47
 Operator : MA/JU
 Sample : P2571-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 29 23:57:00 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

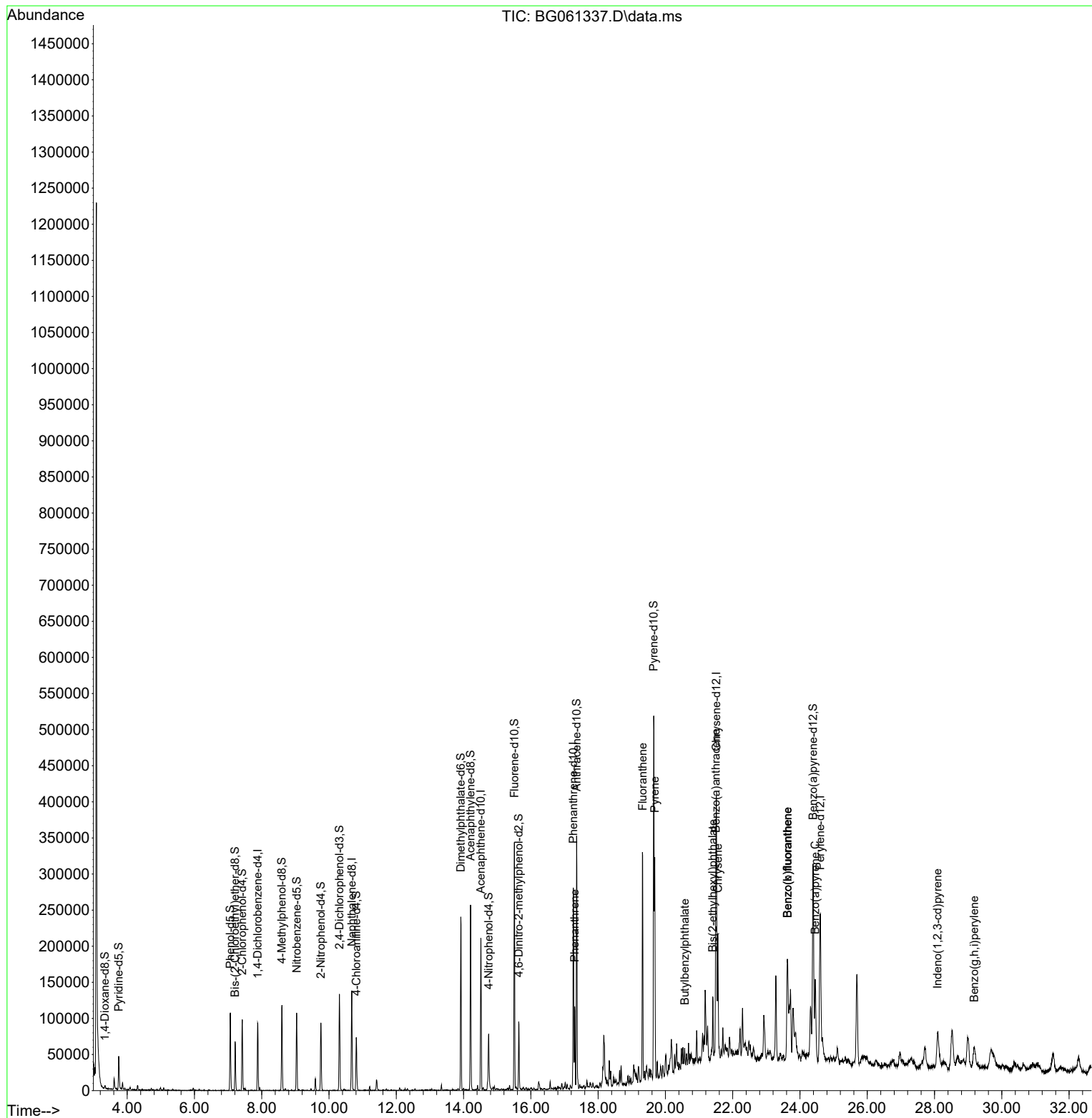
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	23527	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.674	136	102327	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.511	164	75515	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.261	188	173149	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.515	240	179455	20.000	ng/ul	0.00
88) Perylene-d12	24.599	264	203814	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	1674	3.982	ng/uL	0.00
4) Pyridine-d5	3.747	84	19245	12.868	ng/ul	0.00
7) Phenol-d5	7.067	99	50681	26.232	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.208	67	31505	25.943	ng/ul	0.00
11) 2-Chlorophenol-d4	7.419	132	39895	27.901	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	39224	23.809	ng/ul	-0.01
21) Nitrobenzene-d5	9.041	128	20859	26.476	ng/ul	0.00
24) 2-Nitrophenol-d4	9.758	143	24532	26.606	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.310	165	48711	27.098	ng/ul	0.00
31) 4-Chloroaniline-d4	10.815	131	36846	15.668	ng/ul	0.00
46) Dimethylphthalate-d6	13.918	166	155312	26.518	ng/ul	-0.01
49) Acenaphthylene-d8	14.206	160	170145	27.943	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.746	143	15573	21.507	ng/ul	0.00
60) Fluorene-d10	15.510	176	137281	27.149	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	19714	18.825	ng/ul	-0.01
73) Anthracene-d10	17.361	188	207281	27.154	ng/ul	0.00
81) Pyrene-d10	19.652	212	262224	28.459	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.388	264	282149	28.795	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.302	178	68150	8.109	ng/ul	99
80) Fluoranthene	19.323	202	206516	18.683	ng/ul	99
82) Pyrene	19.681	202	190990	16.646	ng/ul	99
83) Butylbenzylphthalate	20.575	149	6584	1.670	ng/ul	92
85) Benzo(a)anthracene	21.497	228	105917	8.554	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.409	149	30986	5.311	ng/ul	100
87) Chrysene	21.562	228	121178	10.628	ng/ul	98
90) Benzo(b)fluoranthene	23.630	252	170573	14.056	ng/ul	95
91) Benzo(k)fluoranthene	23.630	252	170573	13.846	ng/ul	99
93) Benzo(a)pyrene	24.452	252	112504	9.763	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.089	276	79367	5.696	ng/ul	98
96) Benzo(g,h,i)perylene	29.182	276	63118	5.694	ng/ul#	94

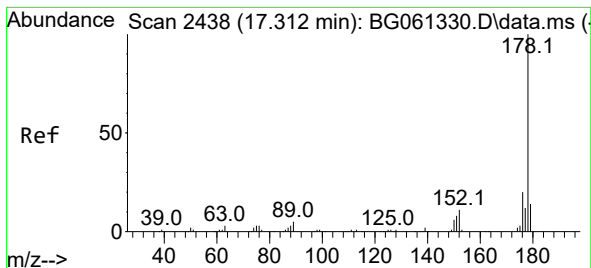
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Time: May 29 23:57:00 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





#72

Phenanthrene

Concen: 8.109 ng/uI

RT: 17.302 min Scan# 2438

Delta R.T. -0.011 min

Lab File: BG061337.D

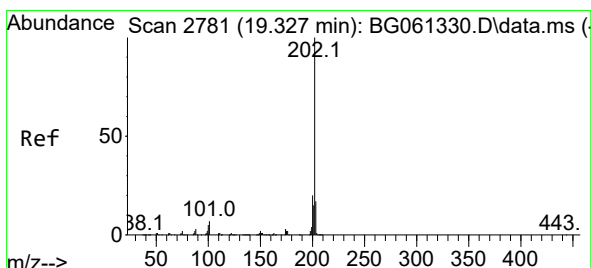
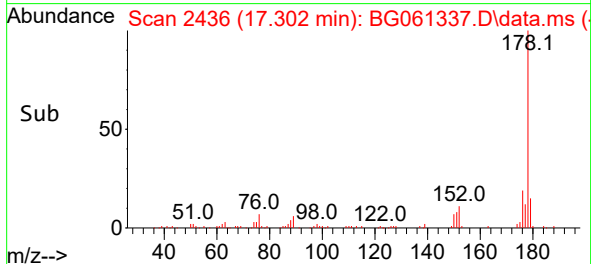
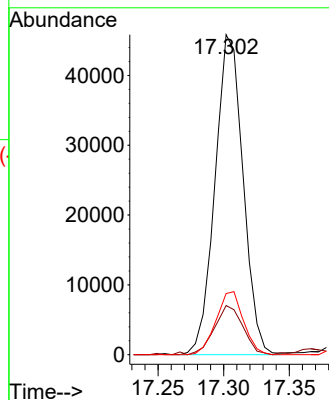
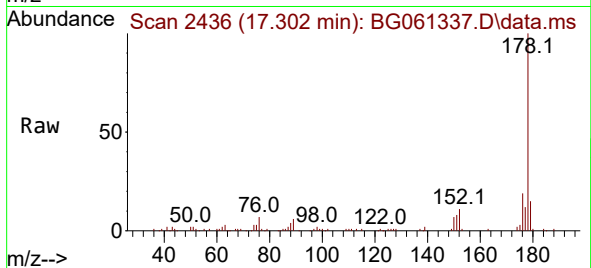
Acq: 29 May 2024 20:47

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:178	Resp: 68150
Ion Ratio	Lower Upper
178 100	
179 15.3	12.7 19.1
176 19.1	15.5 23.3



#80

Fluoranthene

Concen: 18.683 ng/uI

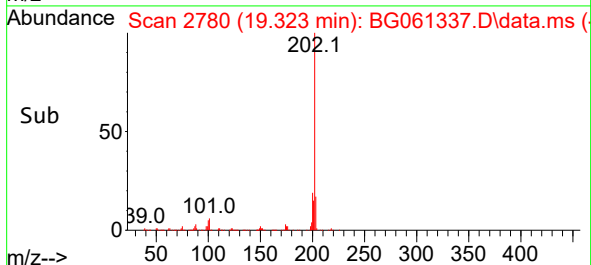
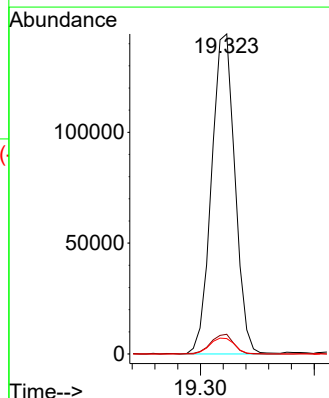
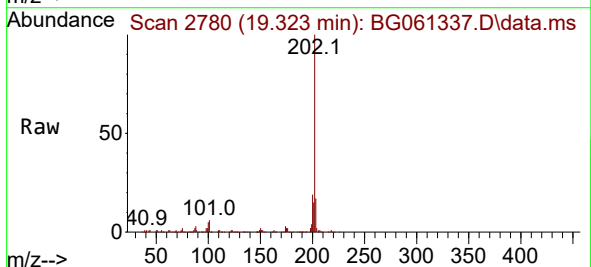
RT: 19.323 min Scan# 2780

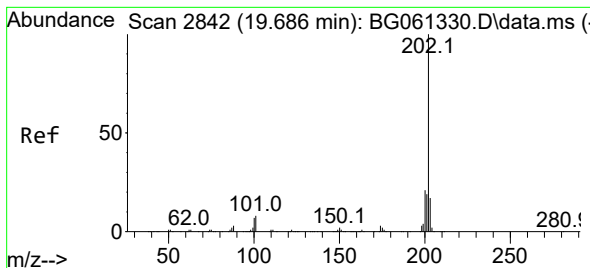
Delta R.T. -0.005 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

Tgt Ion:202	Resp: 206516
Ion Ratio	Lower Upper
202 100	
101 6.2	4.8 7.2
100 4.8	4.1 6.1





#82

Pyrene

Concen: 16.646 ng/ul

RT: 19.681 min Scan# 2841

Delta R.T. -0.005 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

Instrument :

BNA_G

ClientSampleId :

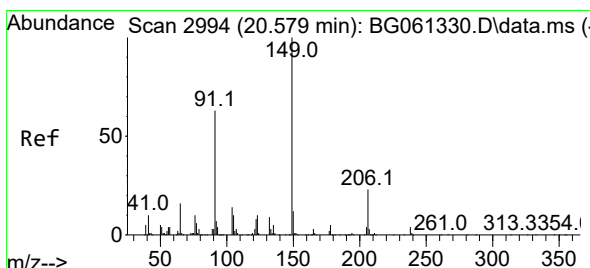
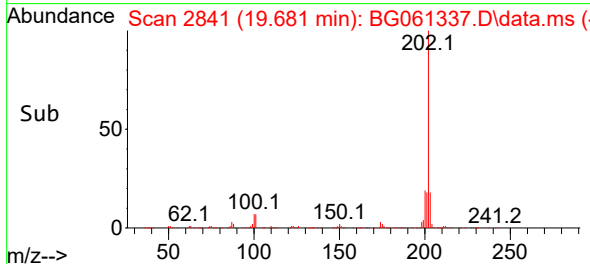
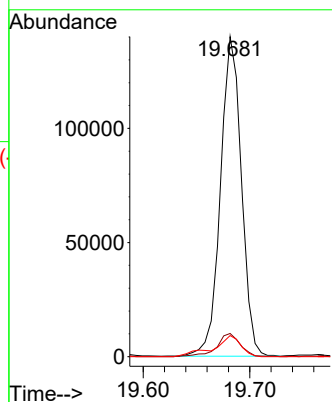
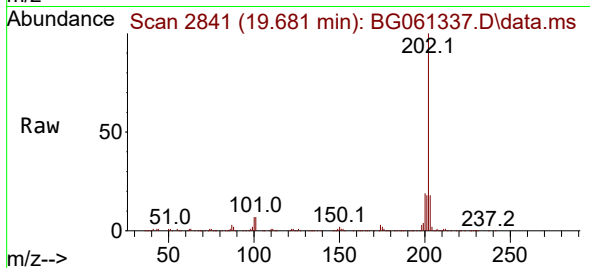
Tgt Ion:202 Resp: 190990

Ion Ratio Lower Upper

202 100

101 7.3 5.7 8.5

100 6.6 5.1 7.7



#83

Butylbenzylphthalate

Concen: 1.670 ng/ul

RT: 20.575 min Scan# 2993

Delta R.T. -0.005 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

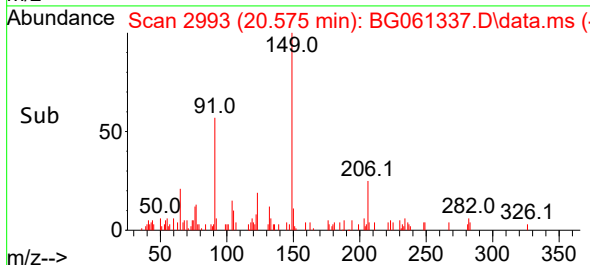
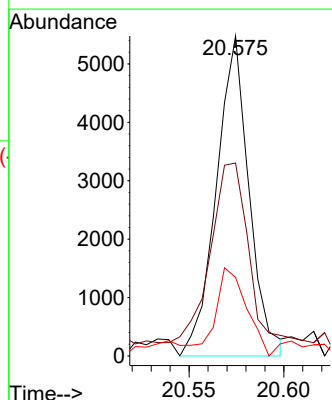
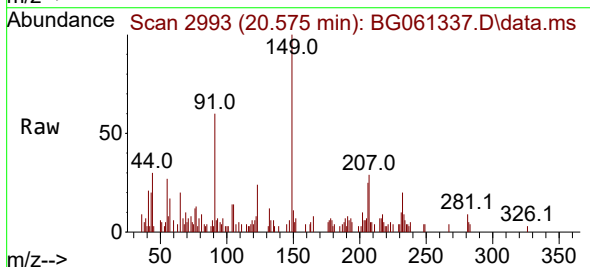
Tgt Ion:149 Resp: 6584

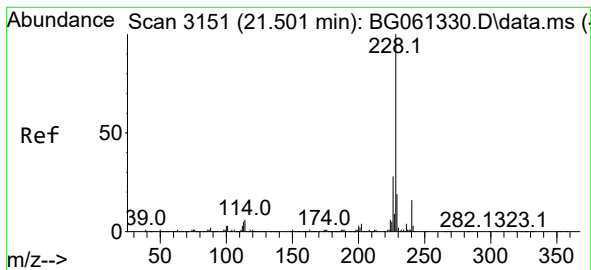
Ion Ratio Lower Upper

149 100

91 60.3 54.8 82.2

206 24.5 19.4 29.0





#85

Benzo(a)anthracene

Concen: 8.554 ng/ul

RT: 21.497 min Scan# 3151

Delta R.T. -0.005 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

Instrument :

BNA_G

ClientSampleId :

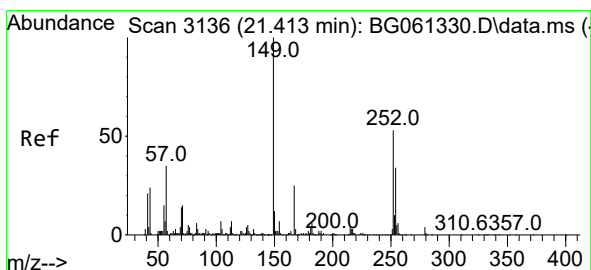
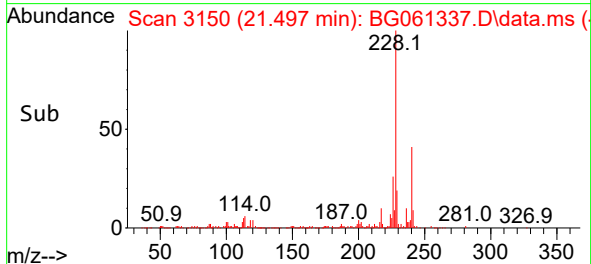
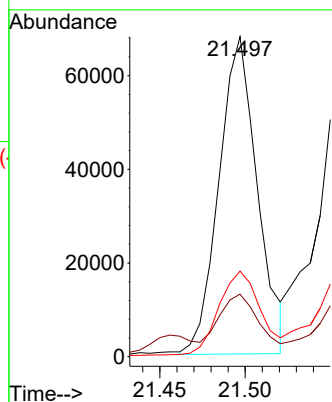
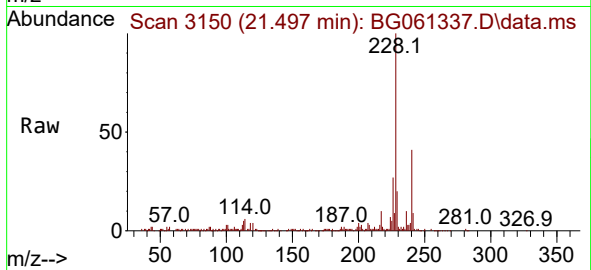
Tgt Ion:228 Resp: 105917

Ion Ratio Lower Upper

228 100

229 19.6 15.2 22.8

226 26.7 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 5.311 ng/ul

RT: 21.409 min Scan# 3135

Delta R.T. -0.005 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

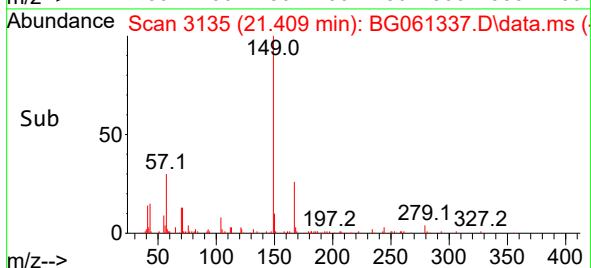
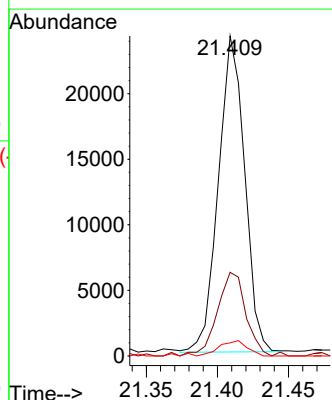
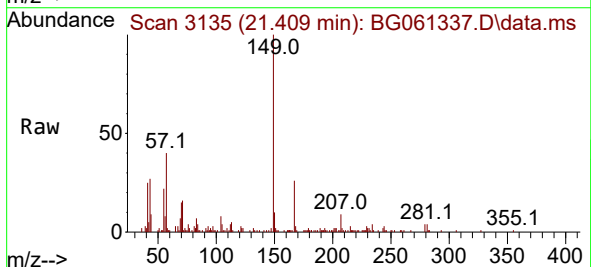
Tgt Ion:149 Resp: 30986

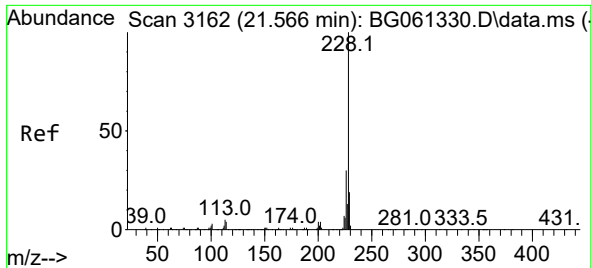
Ion Ratio Lower Upper

149 100

167 26.1 21.1 31.7

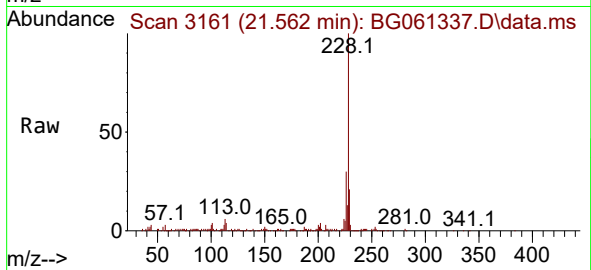
279 4.1 3.3 4.9



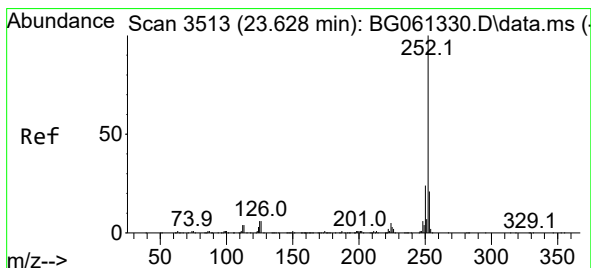
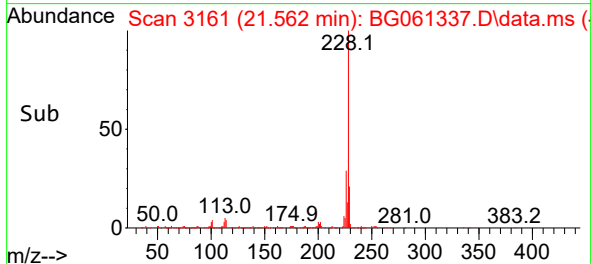
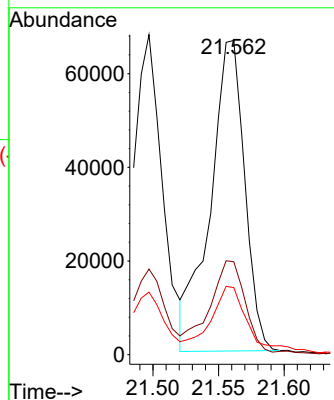


#87
Chrysene
Concen: 10.628 ng/ul
RT: 21.562 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BG061337.D
Acq: 29 May 2024 20:47

Instrument :
BNA_G
ClientSampleId :

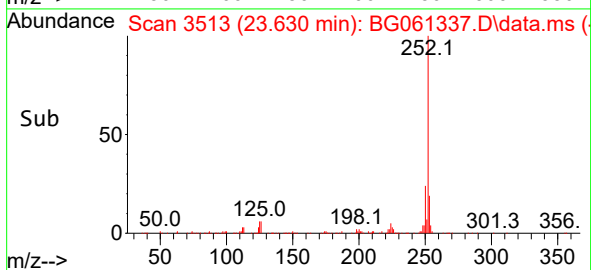
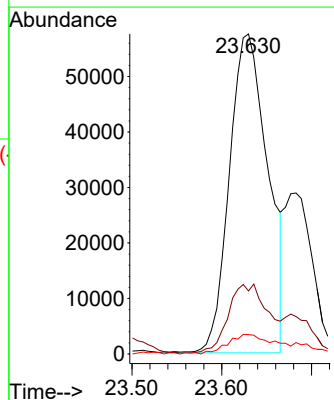
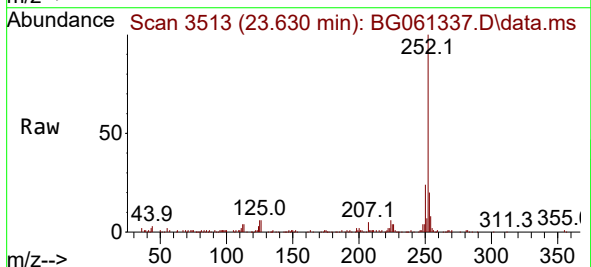


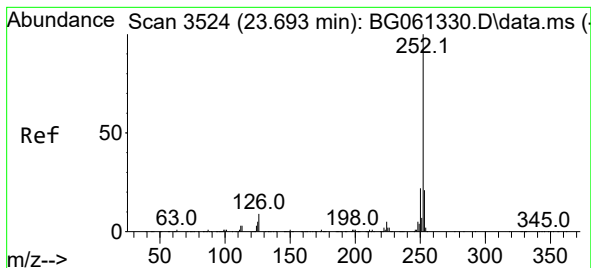
Tgt Ion:228 Resp: 121178
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.0
229 21.4 15.4 23.2



#90
Benzo(b)fluoranthene
Concen: 14.056 ng/ul
RT: 23.630 min Scan# 3513
Delta R.T. 0.001 min
Lab File: BG061337.D
Acq: 29 May 2024 20:47

Tgt Ion:252 Resp: 170573
Ion Ratio Lower Upper
252 100
253 19.7 17.8 26.8
125 6.0 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 13.846 ng/ul

RT: 23.630 min Scan# 3513

Delta R.T. -0.064 min

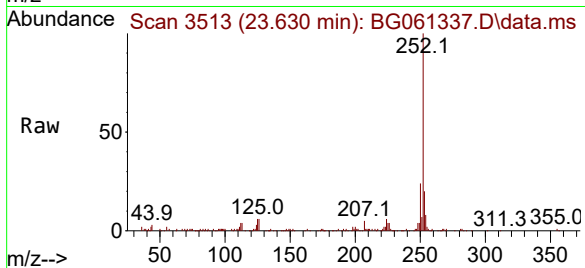
Lab File: BG061337.D

Acq: 29 May 2024 20:47

Instrument :

BNA_G

ClientSampleId :



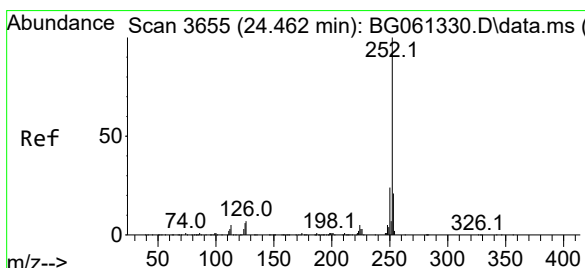
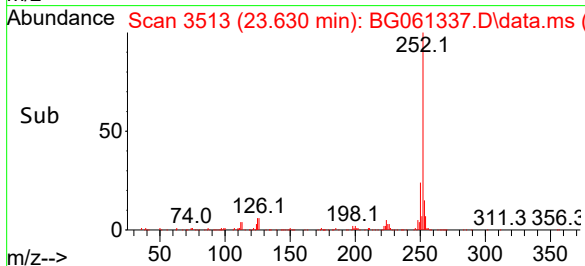
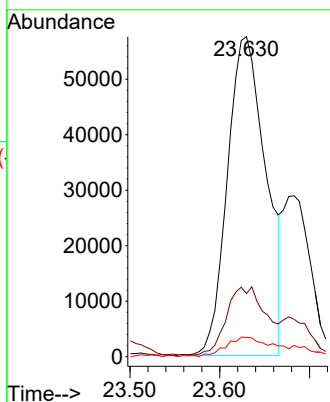
Tgt Ion:252 Resp: 170573

Ion Ratio Lower Upper

252 100

253 19.7 16.0 24.0

125 6.0 4.3 6.5



#93

Benzo(a)pyrene

Concen: 9.763 ng/ul

RT: 24.452 min Scan# 3653

Delta R.T. -0.011 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

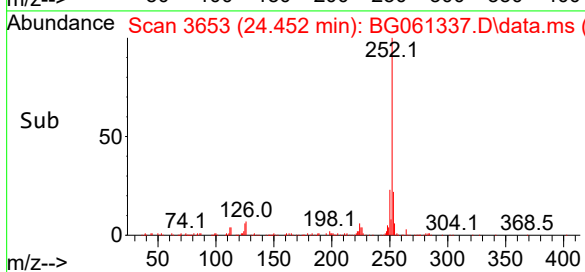
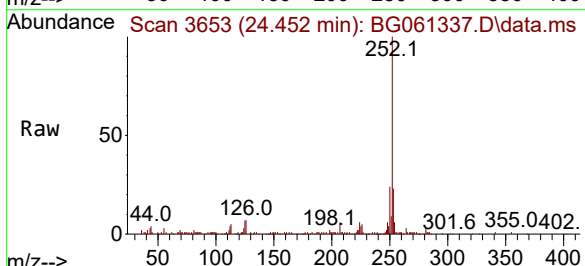
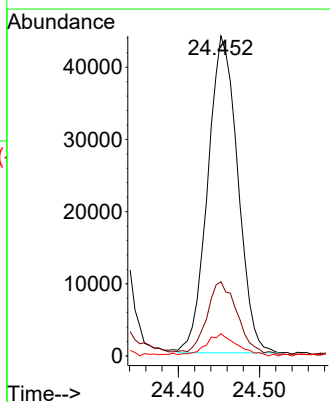
Tgt Ion:252 Resp: 112504

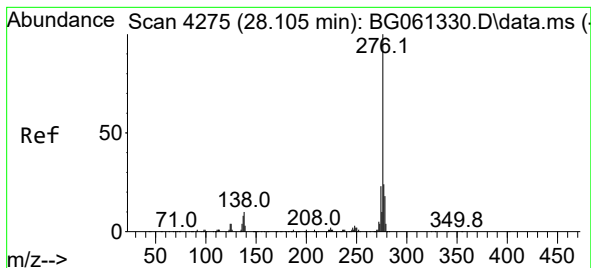
Ion Ratio Lower Upper

252 100

253 23.2 16.4 24.6

125 6.9 4.3 6.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.696 ng/ul

RT: 28.089 min Scan# 41

Delta R.T. -0.017 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

Instrument :

BNA_G

ClientSampleId :

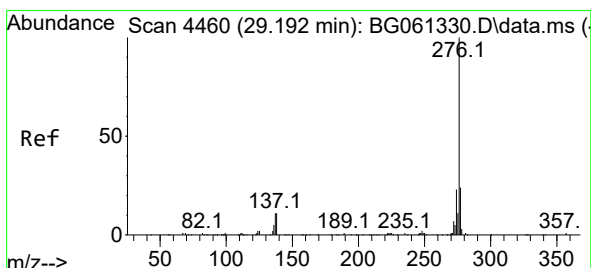
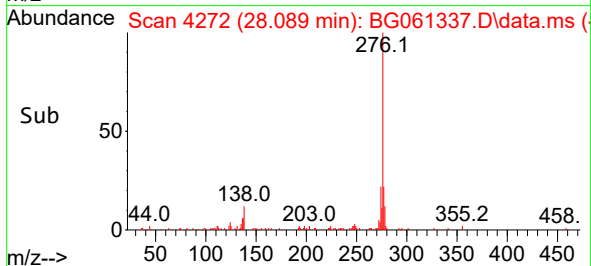
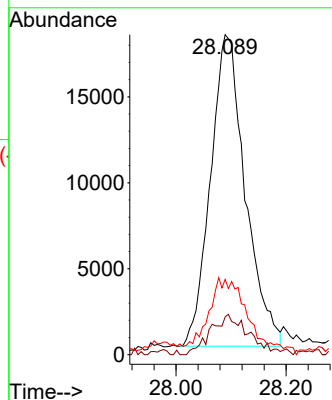
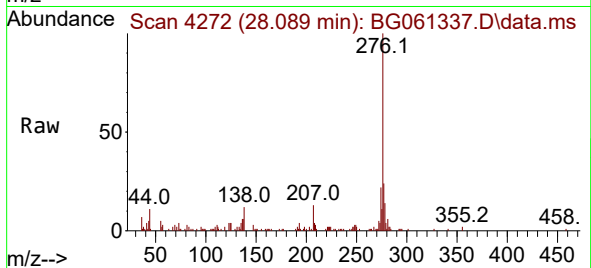
Tgt Ion:276 Resp: 79367

Ion Ratio Lower Upper

276 100

138 11.8 8.6 13.0

277 23.5 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 5.694 ng/ul

RT: 29.182 min Scan# 4458

Delta R.T. -0.011 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

Tgt Ion:276 Resp: 63118

Ion Ratio Lower Upper

276 100

138 13.6 8.7 13.1#

277 20.1 18.2 27.2

