

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057992.D
 Acq On : 4 Jul 2023 18:16
 Operator : CG/JU
 Sample : 03248-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 00:14:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

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

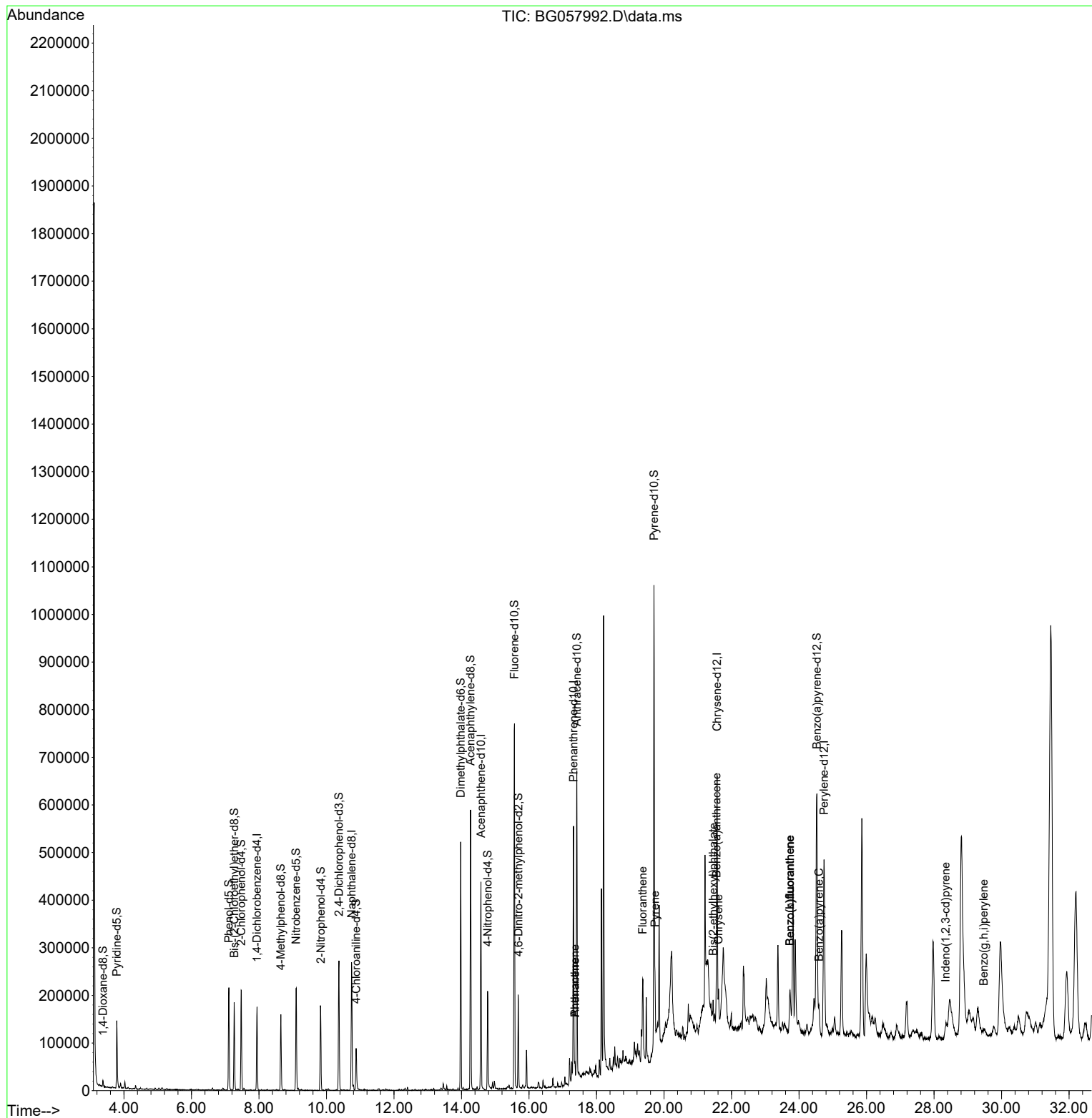
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	48792	20.000	ng/ul	0.00
20) Naphthalene-d8	10.744	136	229394	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	154605	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.319	188	340932	20.000	ng/ul	0.00
79) Chrysene-d12	21.573	240	280940	20.000	ng/ul	0.00
88) Perylene-d12	24.740	264	336241	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	6401	4.594	ng/uL	0.00
4) Pyridine-d5	3.788	84	79630	18.824	ng/ul	0.00
7) Phenol-d5	7.107	99	133134	26.718	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	86067	28.662	ng/ul	0.00
11) 2-Chlorophenol-d4	7.477	132	100536	29.254	ng/ul	0.00
15) 4-Methylphenol-d8	8.647	113	61236	16.287	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	54564	29.184	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	60870	30.977	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	107959	28.640	ng/ul	0.00
31) 4-Chloroaniline-d4	10.879	131	52917	9.259	ng/ul	0.00
46) Dimethylphthalate-d6	13.976	166	361051	29.598	ng/ul	0.00
49) Acenaphthylene-d8	14.270	160	415385	31.205	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	54604	25.336	ng/ul	0.00
60) Fluorene-d10	15.568	176	320932	30.979	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	44147	23.847	ng/ul	0.00
73) Anthracene-d10	17.419	188	418685	26.465	ng/ul	0.00
81) Pyrene-d10	19.704	212	551376	31.162	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.528	264	556554	32.489	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.360	178	23390	1.349	ng/ul	95
74) Anthracene	17.360	178	23492	1.339	ng/ul	95
80) Fluoranthene	19.369	202	69720	3.401	ng/ul	99
82) Pyrene	19.734	202	63807	3.092	ng/ul	97
85) Benzo(a)anthracene	21.555	228	46602	2.310	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.455	149	15630	1.303	ng/ul	98
87) Chrysene	21.614	228	58206	3.078	ng/ul#	94
90) Benzo(b)fluoranthene	23.735	252	106466	5.114	ng/ul#	97
91) Benzo(k)fluoranthene	23.735	252	106466	5.217	ng/ul#	98
93) Benzo(a)pyrene	24.593	252	58712	3.186	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.341	276	45741	1.869	ng/ul	96
96) Benzo(g,h,i)perylene	29.475	276	34912	1.747	ng/ul#	96

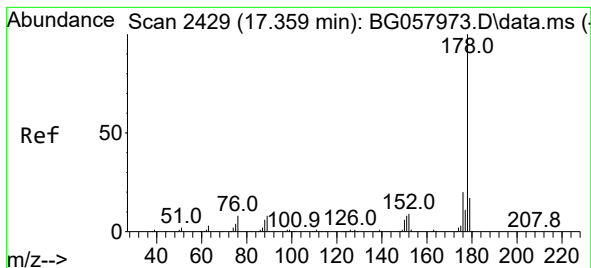
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.349 ng/ul

RT: 17.360 min Scan# 2429

Delta R.T. 0.001 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Instrument :

BNA_G

ClientSampleId :

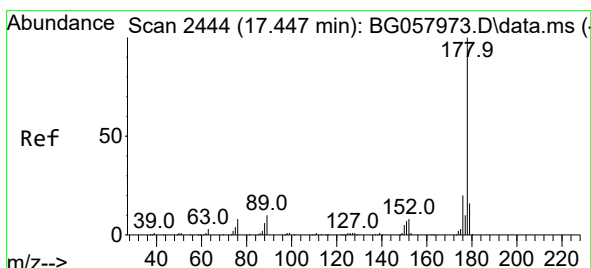
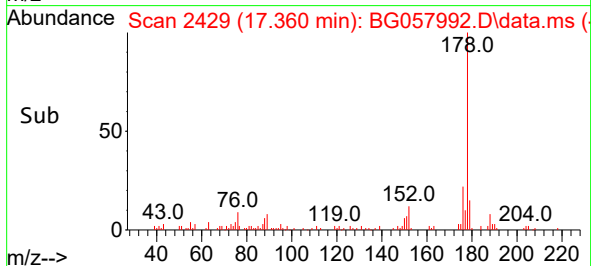
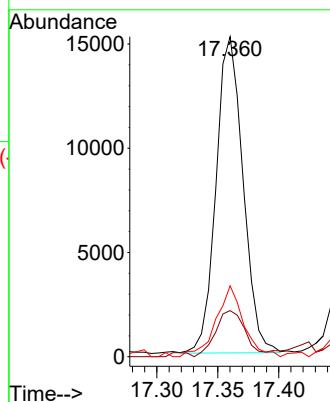
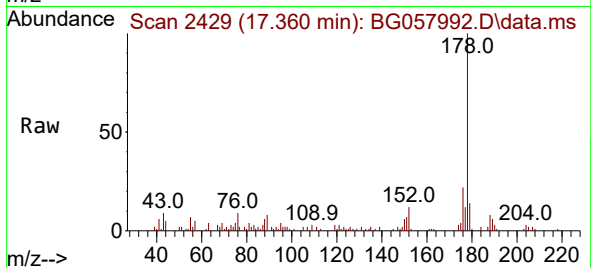
Tgt Ion:178 Resp: 23390

Ion Ratio Lower Upper

178 100

179 14.4 12.8 19.2

176 22.1 15.7 23.5



#74

Anthracene

Concen: 1.339 ng/ul

RT: 17.360 min Scan# 2429

Delta R.T. -0.087 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

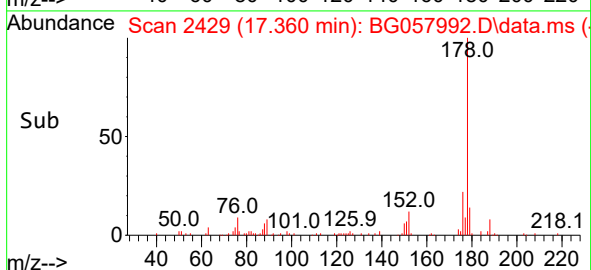
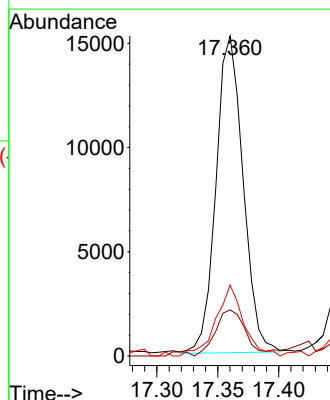
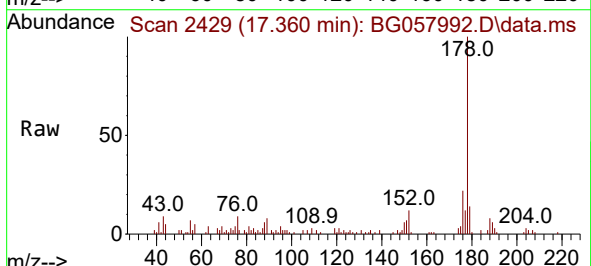
Tgt Ion:178 Resp: 23492

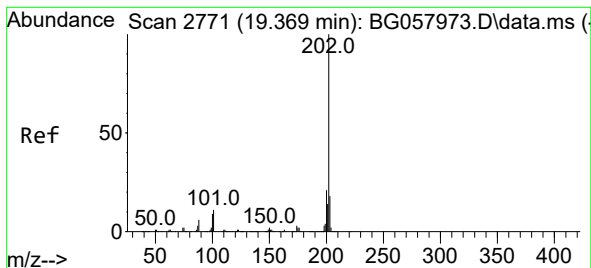
Ion Ratio Lower Upper

178 100

179 14.4 12.6 18.8

176 22.1 15.4 23.2





#80

Fluoranthene

Concen: 3.401 ng/ul

RT: 19.369 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Instrument :

BNA_G

ClientSampleId :

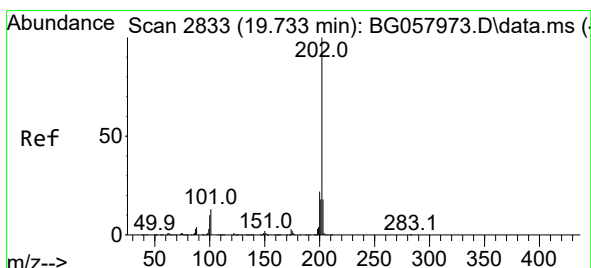
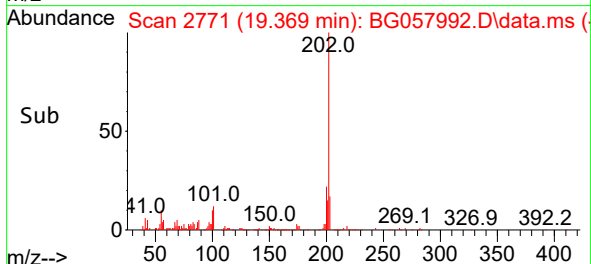
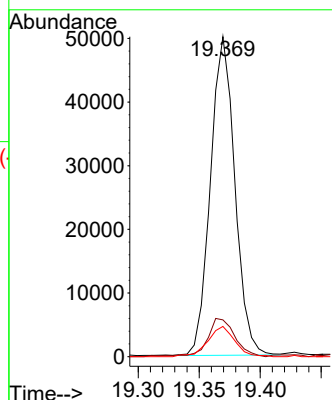
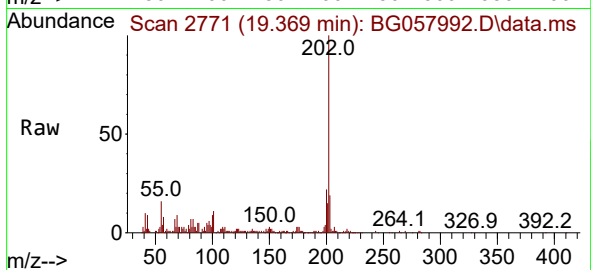
Tgt Ion:202 Resp: 69720

Ion Ratio Lower Upper

202 100

101 11.5 9.1 13.7

100 9.5 7.1 10.7



#82

Pyrene

Concen: 3.092 ng/ul

RT: 19.734 min Scan# 2833

Delta R.T. 0.001 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

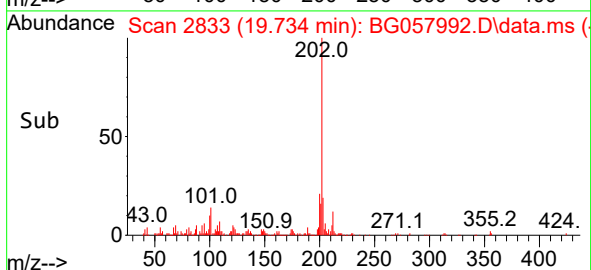
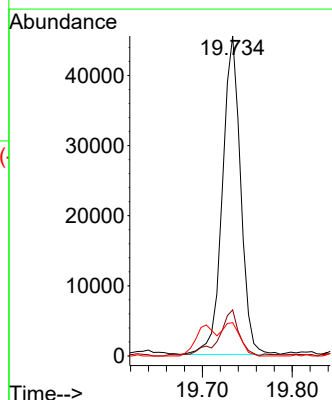
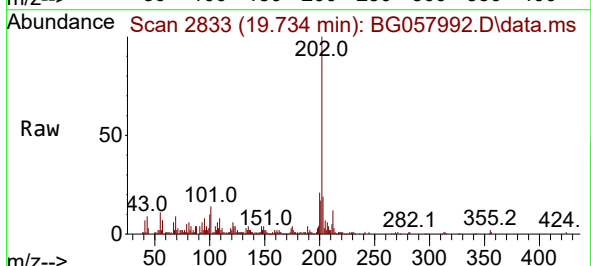
Tgt Ion:202 Resp: 63807

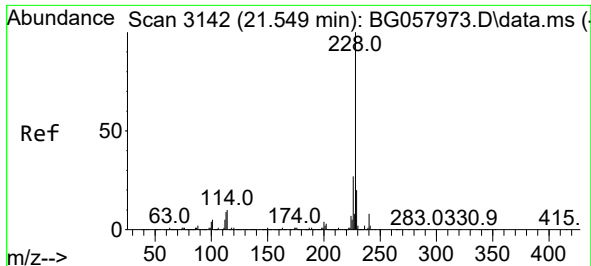
Ion Ratio Lower Upper

202 100

101 14.4 10.2 15.2

100 10.4 8.9 13.3

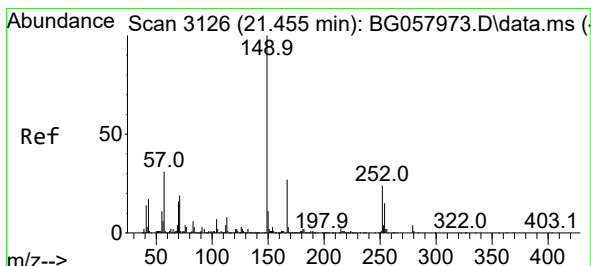
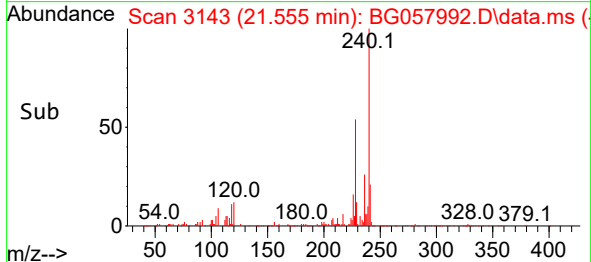
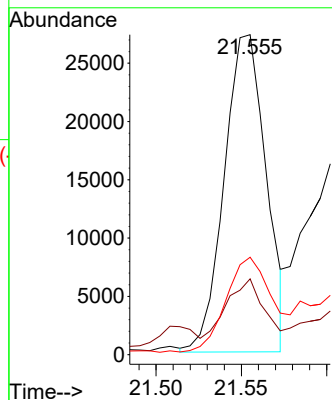
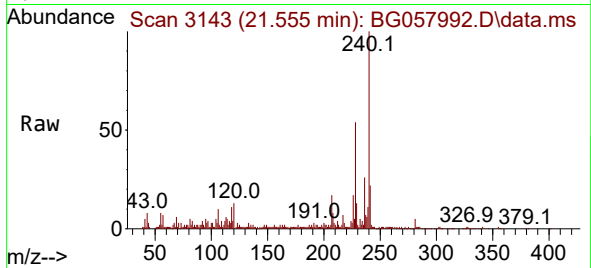




#85
Benzo(a)anthracene
Concen: 2.310 ng/ul
RT: 21.555 min Scan# 3143
Delta R.T. 0.007 min
Lab File: BG057992.D
Acq: 4 Jul 2023 18:16

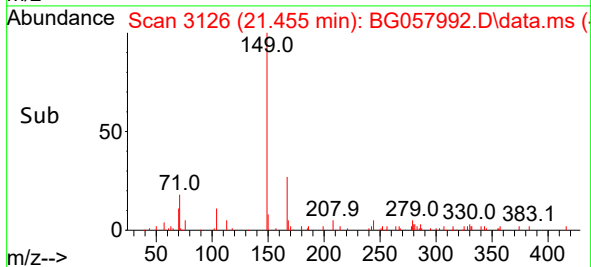
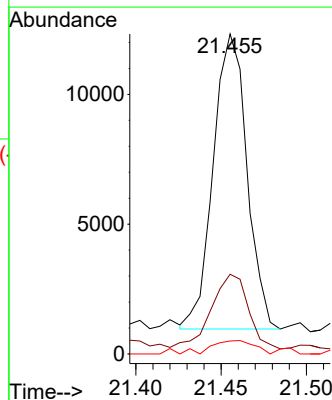
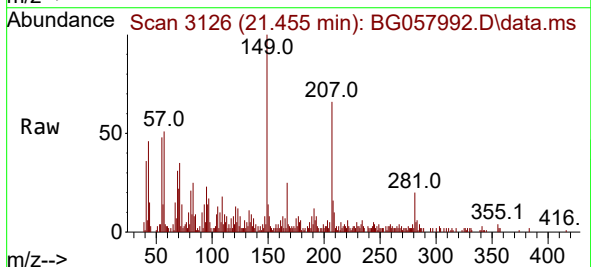
Instrument :
BNA_G
ClientSampleId :

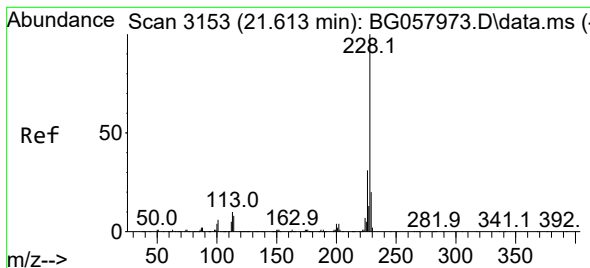
Tgt Ion:228 Resp: 46602
Ion Ratio Lower Upper
228 100
229 23.7 16.0 24.0
226 30.5 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.303 ng/ul
RT: 21.455 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BG057992.D
Acq: 4 Jul 2023 18:16

Tgt Ion:149 Resp: 15630
Ion Ratio Lower Upper
149 100
167 24.9 20.9 31.3
279 4.1 3.1 4.7





#87

Chrysene

Concen: 3.078 ng/ul

RT: 21.614 min Scan# 3153

Delta R.T. 0.001 min

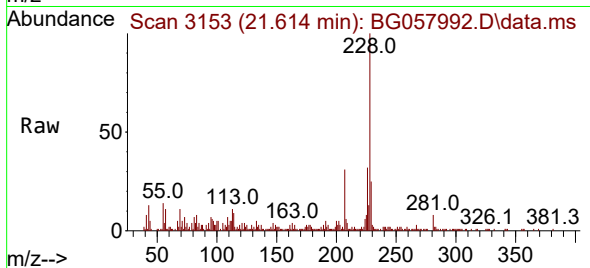
Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

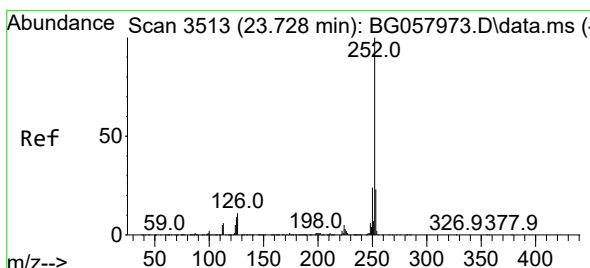
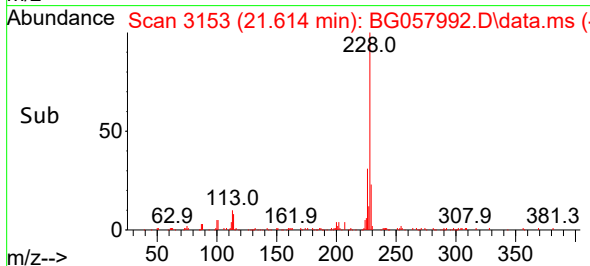
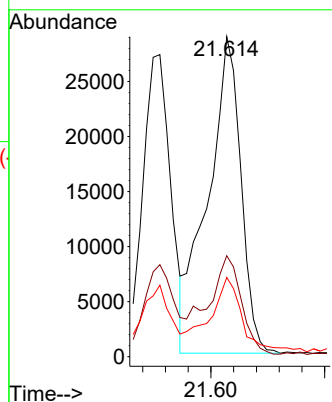
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:228	Resp: 58206
Ion Ratio	Lower Upper
228	100
226	31.6 24.4 36.6
229	24.8 15.5 23.3#



#90

Benzo(b)fluoranthene

Concen: 5.114 ng/ul

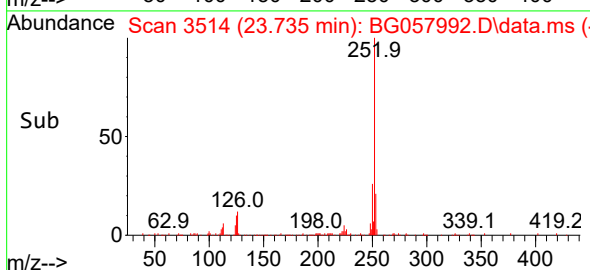
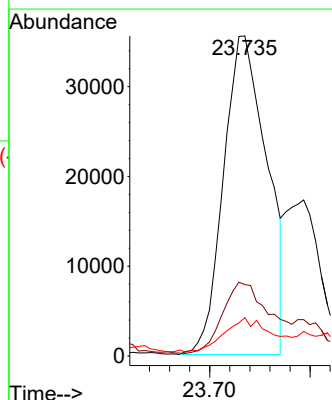
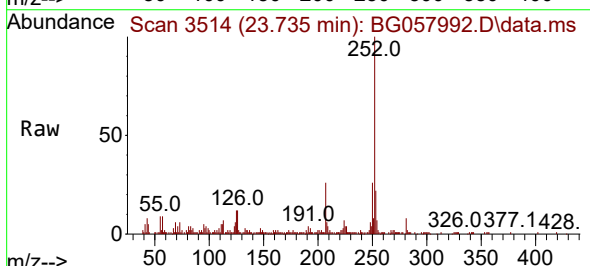
RT: 23.735 min Scan# 3514

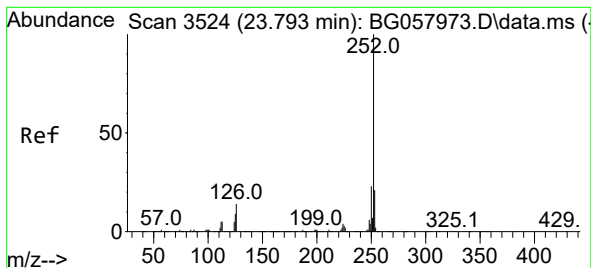
Delta R.T. 0.007 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Tgt Ion:252	Resp: 106466
Ion Ratio	Lower Upper
252	100
253	22.3 18.1 27.1
125	12.0 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 5.217 ng/ul

RT: 23.735 min Scan# 3

Delta R.T. -0.058 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Instrument :

BNA_G

ClientSampleId :

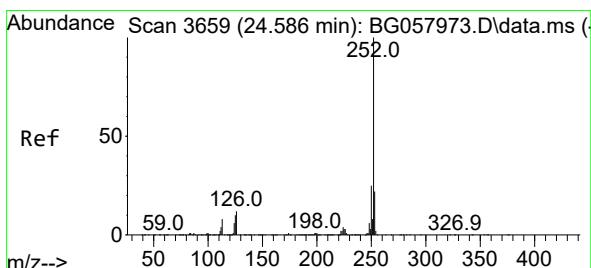
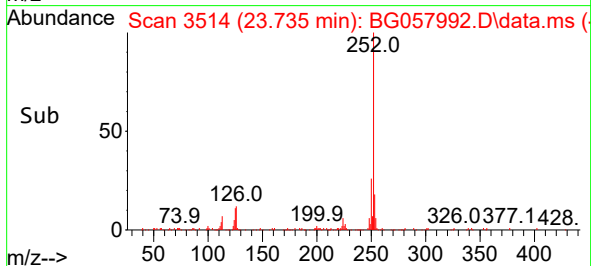
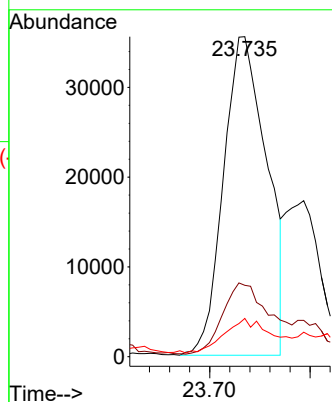
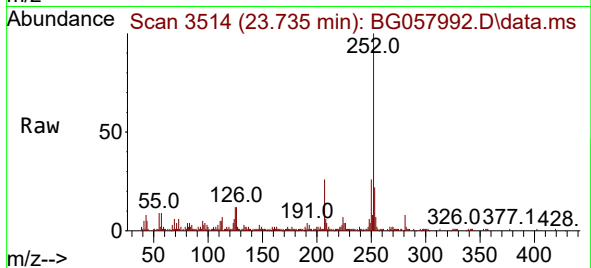
Tgt Ion:252 Resp: 106466

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 12.0 7.4 11.2#



#93

Benzo(a)pyrene

Concen: 3.186 ng/ul

RT: 24.593 min Scan# 3660

Delta R.T. 0.007 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

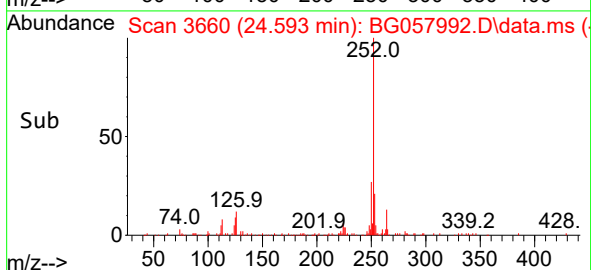
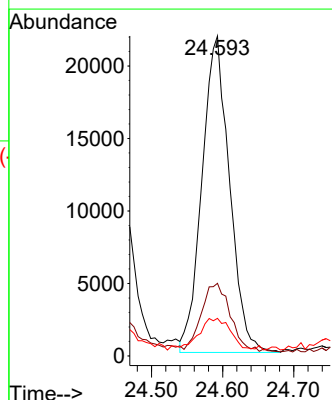
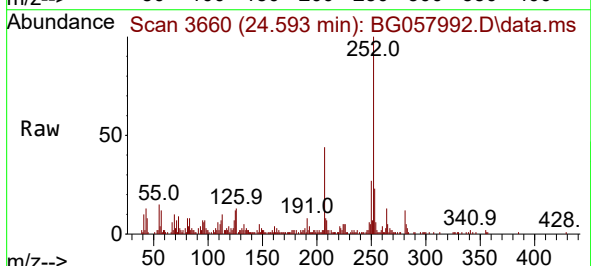
Tgt Ion:252 Resp: 58712

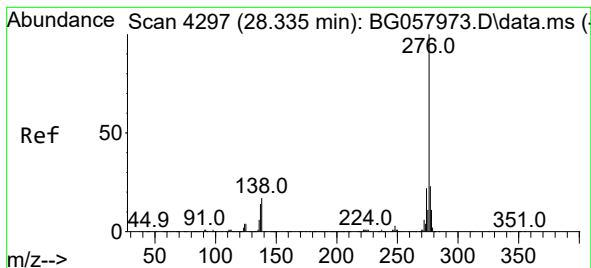
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 11.8 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.869 ng/ul

RT: 28.341 min Scan# 41

Delta R.T. 0.007 min

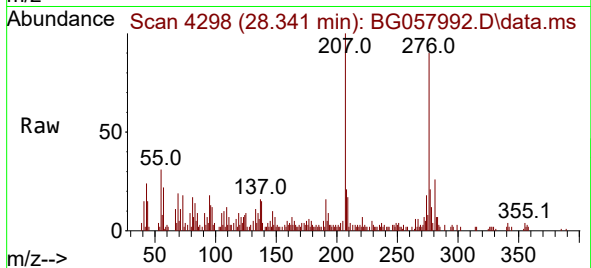
Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Instrument :

BNA_G

ClientSampleId :



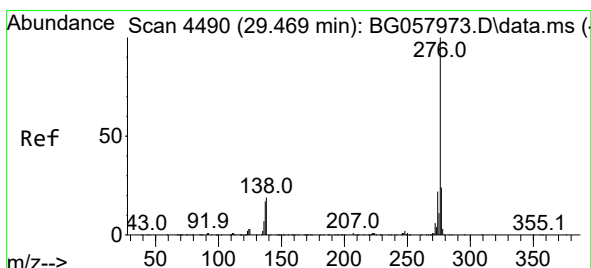
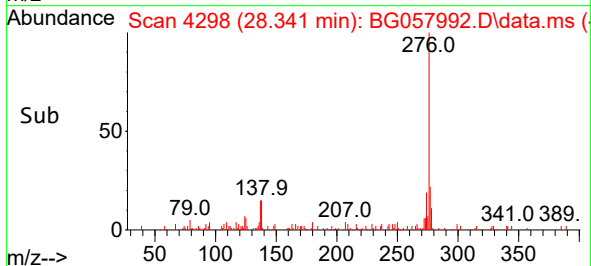
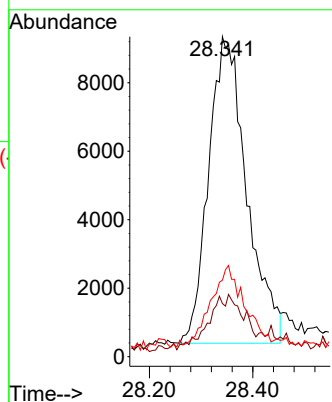
Tgt Ion:276 Resp: 45741

Ion Ratio Lower Upper

276 100

138 20.8 14.0 21.0

277 23.9 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 1.747 ng/ul

RT: 29.475 min Scan# 4491

Delta R.T. 0.007 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Tgt Ion:276 Resp: 34912

Ion Ratio Lower Upper

276 100

138 21.3 14.2 21.2#

277 22.7 18.6 27.8

