

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057274.D
 Acq On : 2 May 2023 11:40
 Operator : CG/JU
 Sample : 02419-31
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 01:04:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

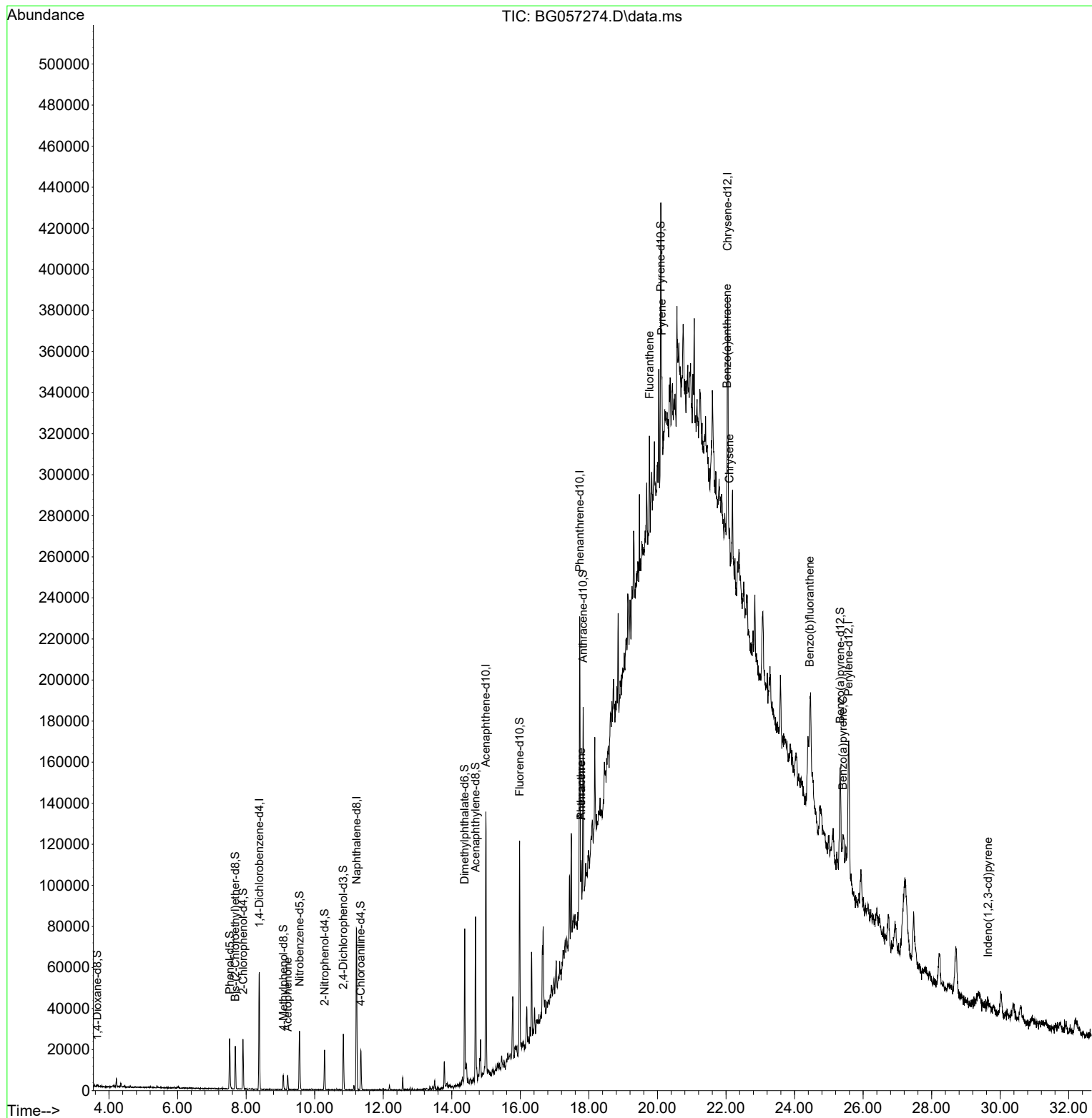
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.385	152	15713	20.000	ng/ul	0.00
20) Naphthalene-d8	11.222	136	67447	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.994	164	45825	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.731	188	92860	20.000	ng/ul	0.00
79) Chrysene-d12	22.049	240	80959	20.000	ng/ul	0.00
88) Perylene-d12	25.579	264	88451	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	447	1.252	ng/uL	0.00
4) Pyridine-d5	4.144	84	146	0.130	ng/ul	0.04
7) Phenol-d5	7.521	99	14414	9.700	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.686	67	10103	11.559	ng/ul	0.00
11) 2-Chlorophenol-d4	7.909	132	10813	11.042	ng/ul	0.00
15) 4-Methylphenol-d8	9.084	113	3331	2.949	ng/ul	0.00
21) Nitrobenzene-d5	9.560	128	6742	12.552	ng/ul	0.00
24) 2-Nitrophenol-d4	10.288	143	6248	9.967	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.835	165	11242	9.296	ng/ul	0.00
31) 4-Chloroaniline-d4	11.346	131	10910	6.807	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	48448	13.343	ng/ul	0.00
49) Acenaphthylene-d8	14.694	160	57178	14.011	ng/ul	0.00
54) 4-Nitrophenol-d4	15.199	143	66	0.125	ng/ul	0.02
60) Fluorene-d10	15.980	176	43132	12.751	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.831	188	60184	14.199	ng/ul	0.00
81) Pyrene-d10	20.098	212	70267	14.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.333	264	64305	14.270	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.213	105	4425	2.277	ng/ul	93
72) Phenanthrene	17.778	178	11519	2.382	ng/ul#	96
74) Anthracene	17.778	178	11886	2.447	ng/ul	95
80) Fluoranthene	19.769	202	26269	4.602	ng/ul	97
82) Pyrene	20.128	202	21687	3.753	ng/ul	99
85) Benzo(a)anthracene	22.031	228	13675	2.388	ng/ul#	87
87) Chrysene	22.096	228	13228	2.449	ng/ul#	83
90) Benzo(b)fluoranthene	24.445	252	17281	2.821	ng/ul#	68
93) Benzo(a)pyrene	25.409	252	12058	2.280	ng/ul#	75
94) Indeno(1,2,3-cd)pyrene	29.644	276	7353	1.112	ng/ul#	93

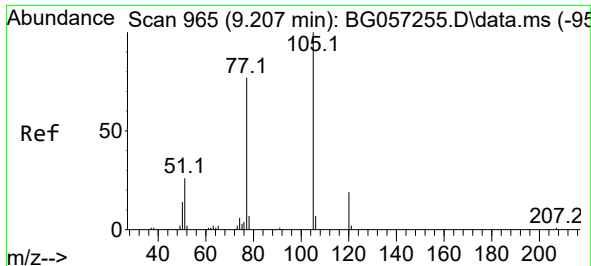
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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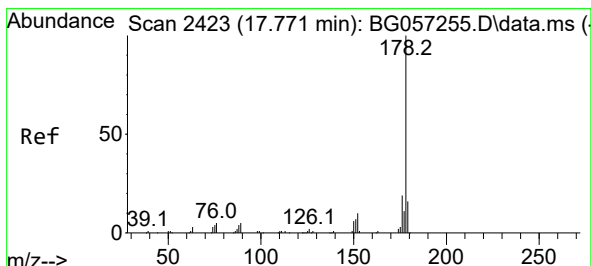
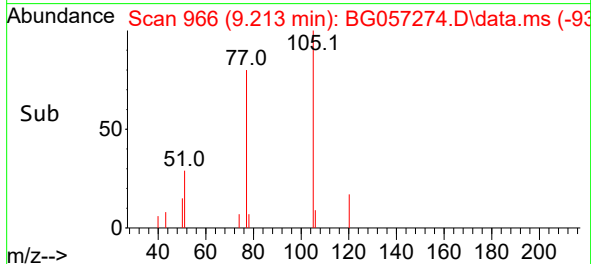
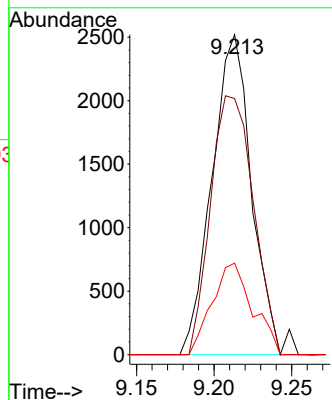
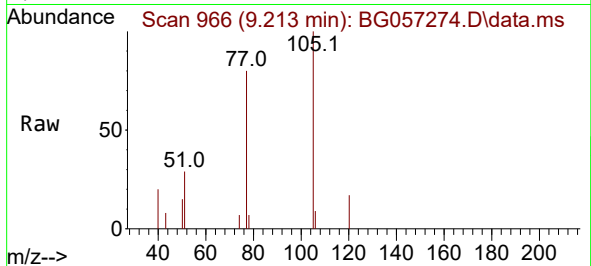




#16
Acetophenone
Concen: 2.277 ng/ul
RT: 9.213 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG057274.D
Acq: 2 May 2023 11:40

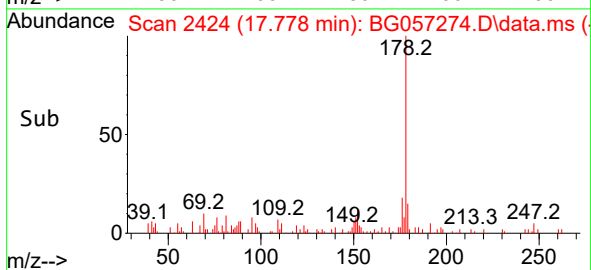
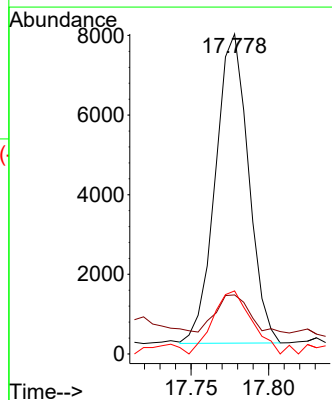
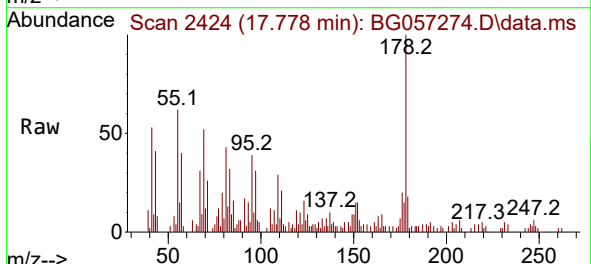
Instrument :
BNA_G
ClientSampleId :

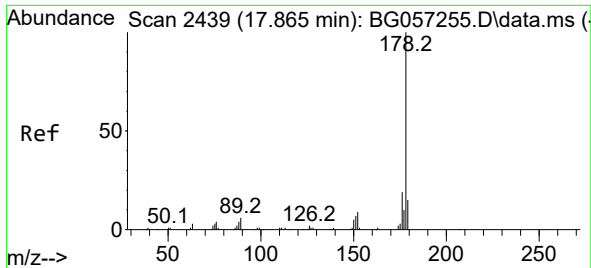
Tgt Ion:105 Resp: 4425
Ion Ratio Lower Upper
105 100
77 80.0 70.6 105.8
51 28.6 24.5 36.7



#72
Phenanthrene
Concen: 2.382 ng/ul
RT: 17.778 min Scan# 2424
Delta R.T. 0.004 min
Lab File: BG057274.D
Acq: 2 May 2023 11:40

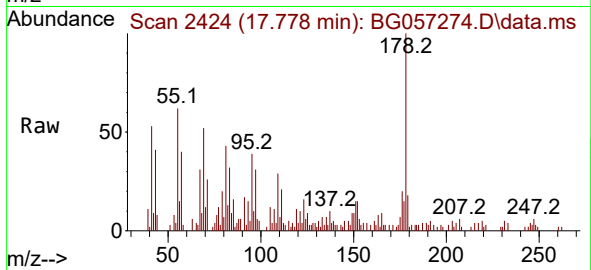
Tgt Ion:178 Resp: 11519
Ion Ratio Lower Upper
178 100
179 18.4 11.8 17.8#
176 19.7 15.4 23.0



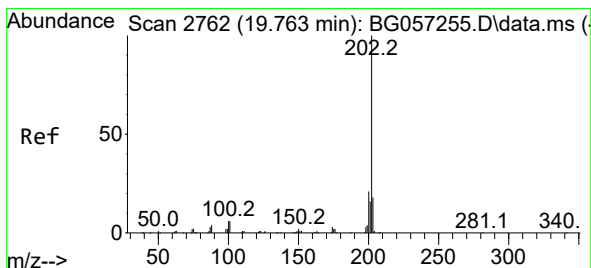
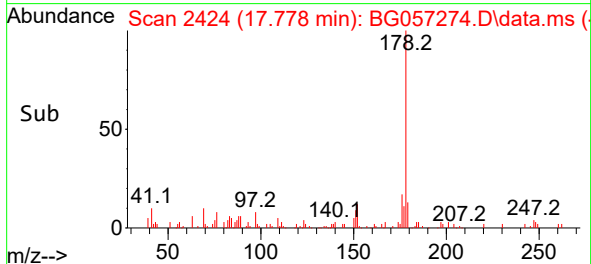
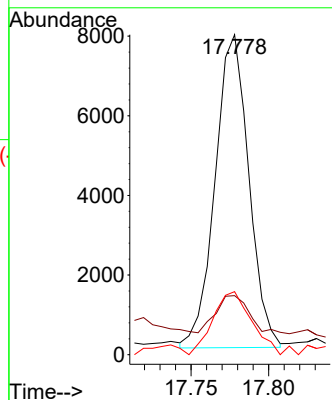


#74
 Anthracene
 Concen: 2.447 ng/ul
 RT: 17.778 min Scan# 2439
 Delta R.T. -0.090 min
 Lab File: BG057274.D
 Acq: 2 May 2023 11:40

Instrument :
 BNA_G
 ClientSampleId :

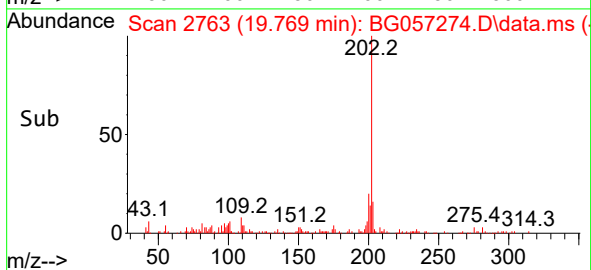
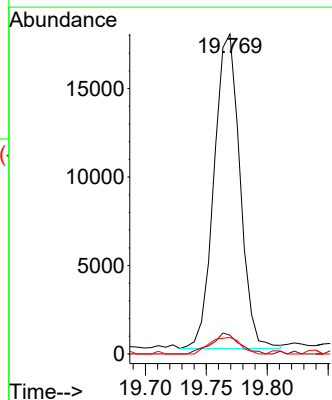
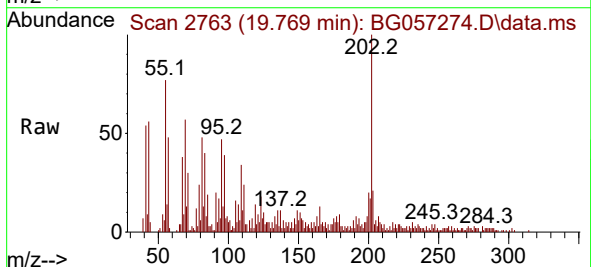


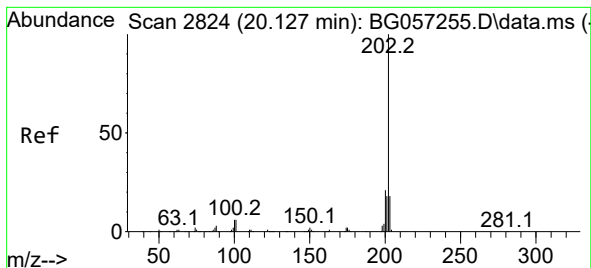
Tgt Ion:178 Resp: 11886
 Ion Ratio Lower Upper
 178 100
 179 18.4 12.5 18.7
 176 19.7 14.7 22.1



#80
 Fluoranthene
 Concen: 4.602 ng/ul
 RT: 19.769 min Scan# 2763
 Delta R.T. 0.004 min
 Lab File: BG057274.D
 Acq: 2 May 2023 11:40

Tgt Ion:202 Resp: 26269
 Ion Ratio Lower Upper
 202 100
 101 5.8 5.8 8.6
 100 5.1 4.6 7.0





#82

Pyrene

Concen: 3.753 ng/ul

RT: 20.128 min Scan# 2

Delta R.T. 0.004 min

Lab File: BG057274.D

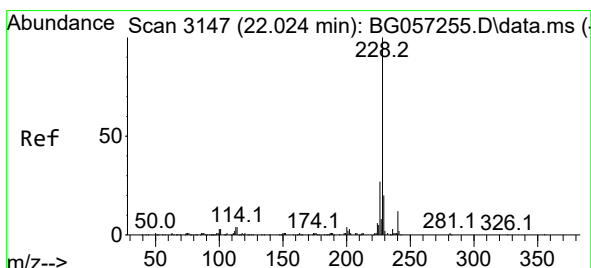
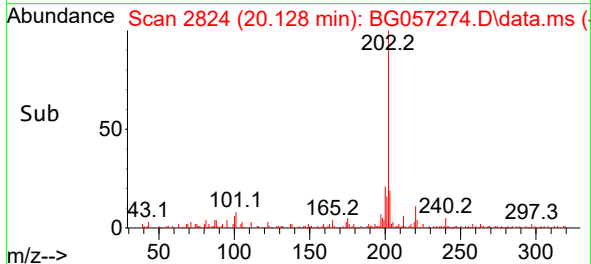
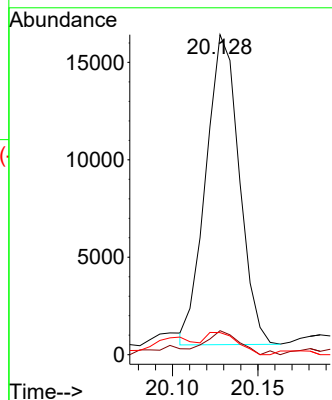
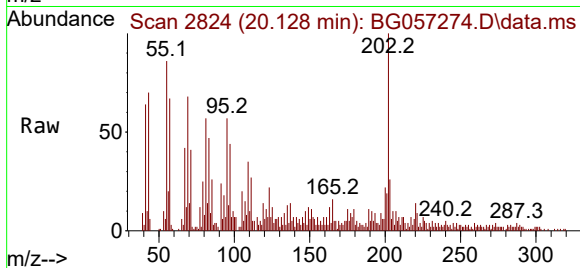
Acq: 2 May 2023 11:40

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	202	Resp:	21687
Ion Ratio	Lower	Upper	
202	100		
101	7.5	5.7	8.5
100	6.9	6.0	9.0



#85

Benzo(a)anthracene

Concen: 2.388 ng/ul

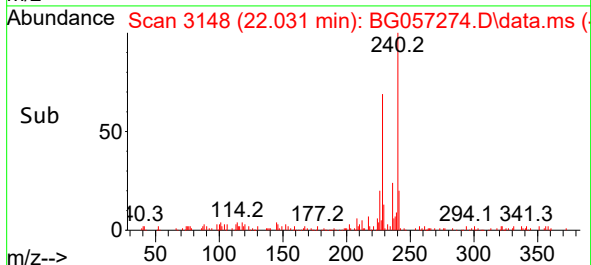
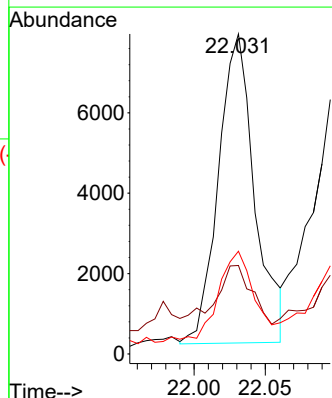
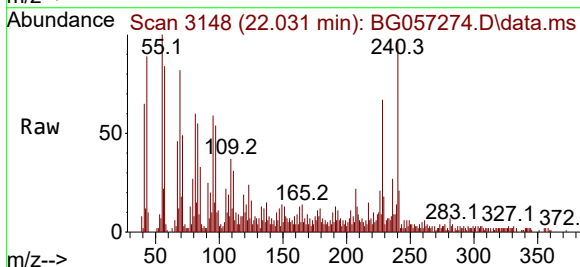
RT: 22.031 min Scan# 3148

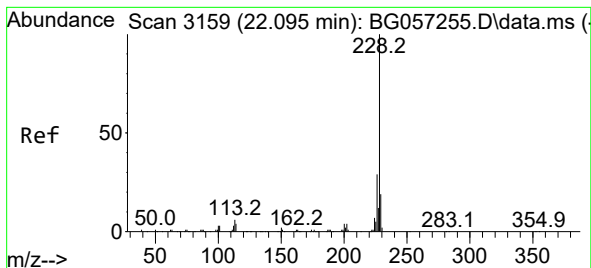
Delta R.T. 0.004 min

Lab File: BG057274.D

Acq: 2 May 2023 11:40

Tgt Ion:	228	Resp:	13675
Ion Ratio	Lower	Upper	
228	100		
229	27.6	15.8	23.6#
226	32.1	21.7	32.5





#87

Chrysene

Concen: 2.449 ng/ul

RT: 22.096 min Scan# 3159

Delta R.T. -0.002 min

Lab File: BG057274.D

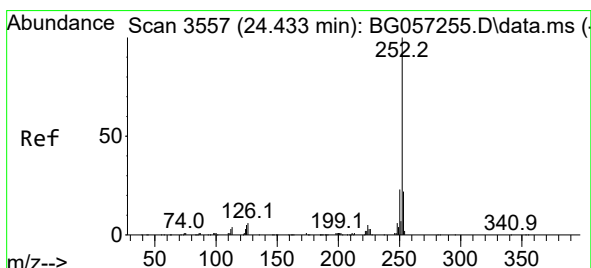
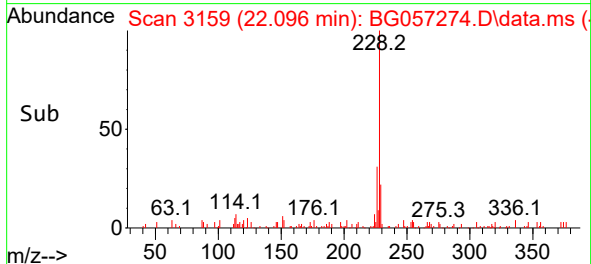
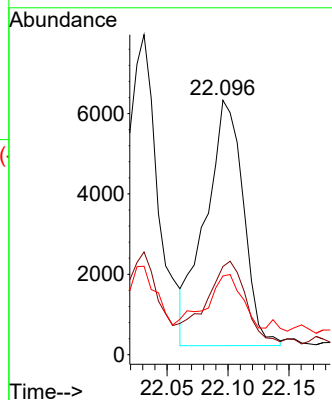
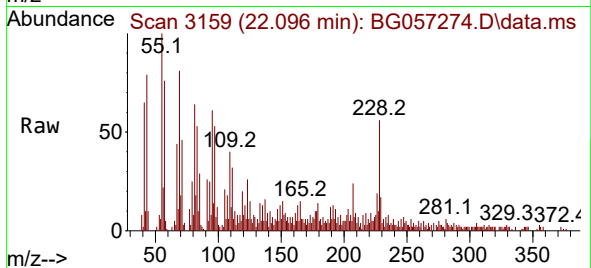
Acq: 2 May 2023 11:40

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:228	Resp:	13228
Ion Ratio	Lower	Upper
228	100	
226	34.7	22.8 34.2#
229	30.9	15.5 23.3#



#90

Benzo(b)fluoranthene

Concen: 2.821 ng/ul

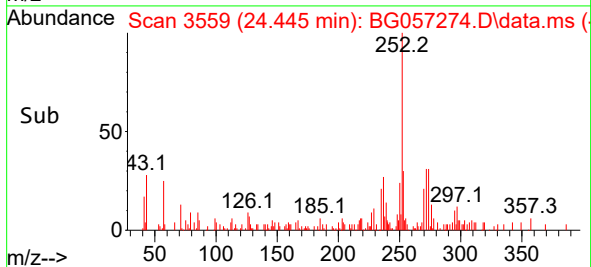
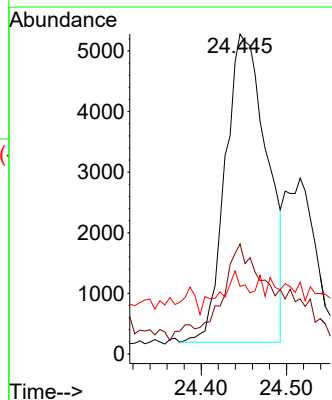
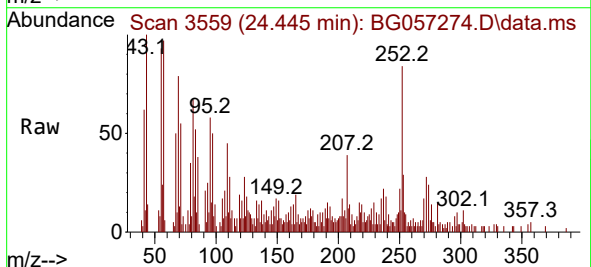
RT: 24.445 min Scan# 3559

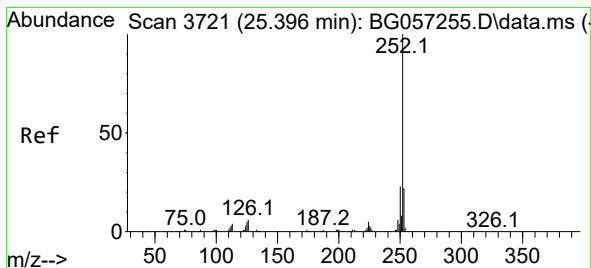
Delta R.T. 0.010 min

Lab File: BG057274.D

Acq: 2 May 2023 11:40

Tgt Ion:252	Resp:	17281
Ion Ratio	Lower	Upper
252	100	
253	34.3	16.7 25.1#
125	21.1	4.8 7.2#





#93

Benzo(a)pyrene

Concen: 2.280 ng/ul

RT: 25.409 min Scan# 3

Delta R.T. 0.010 min

Lab File: BG057274.D

Acq: 2 May 2023 11:40

Instrument :

BNA_G

ClientSampleId :

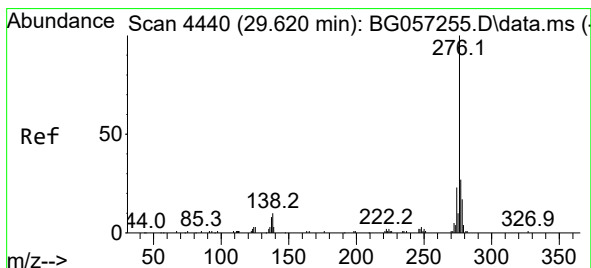
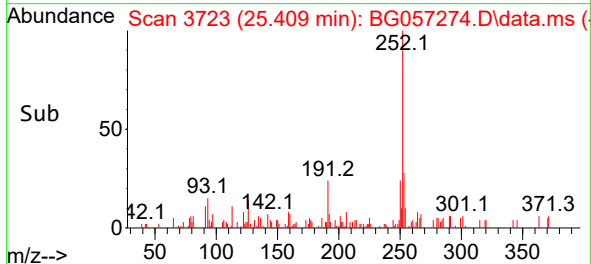
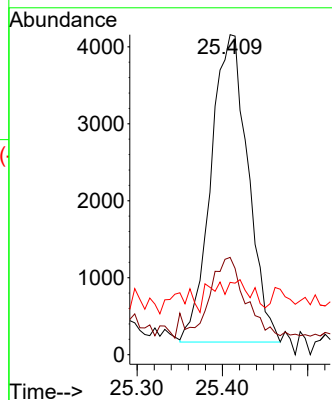
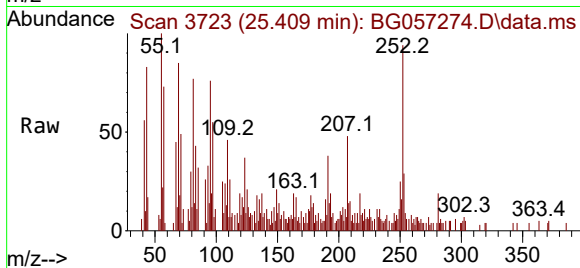
Tgt Ion:252 Resp: 12058

Ion Ratio Lower Upper

252 100

253 30.4 17.2 25.8#

125 22.6 5.1 7.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.112 ng/ul

RT: 29.644 min Scan# 4444

Delta R.T. 0.021 min

Lab File: BG057274.D

Acq: 2 May 2023 11:40

Tgt Ion:276 Resp: 7353

Ion Ratio Lower Upper

276 100

138 15.7 9.4 14.2#

277 20.8 18.6 28.0

