

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057956.D
 Acq On : 3 Jul 2023 15:33
 Operator : CG/JU
 Sample : 03246-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 04 00:54:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

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

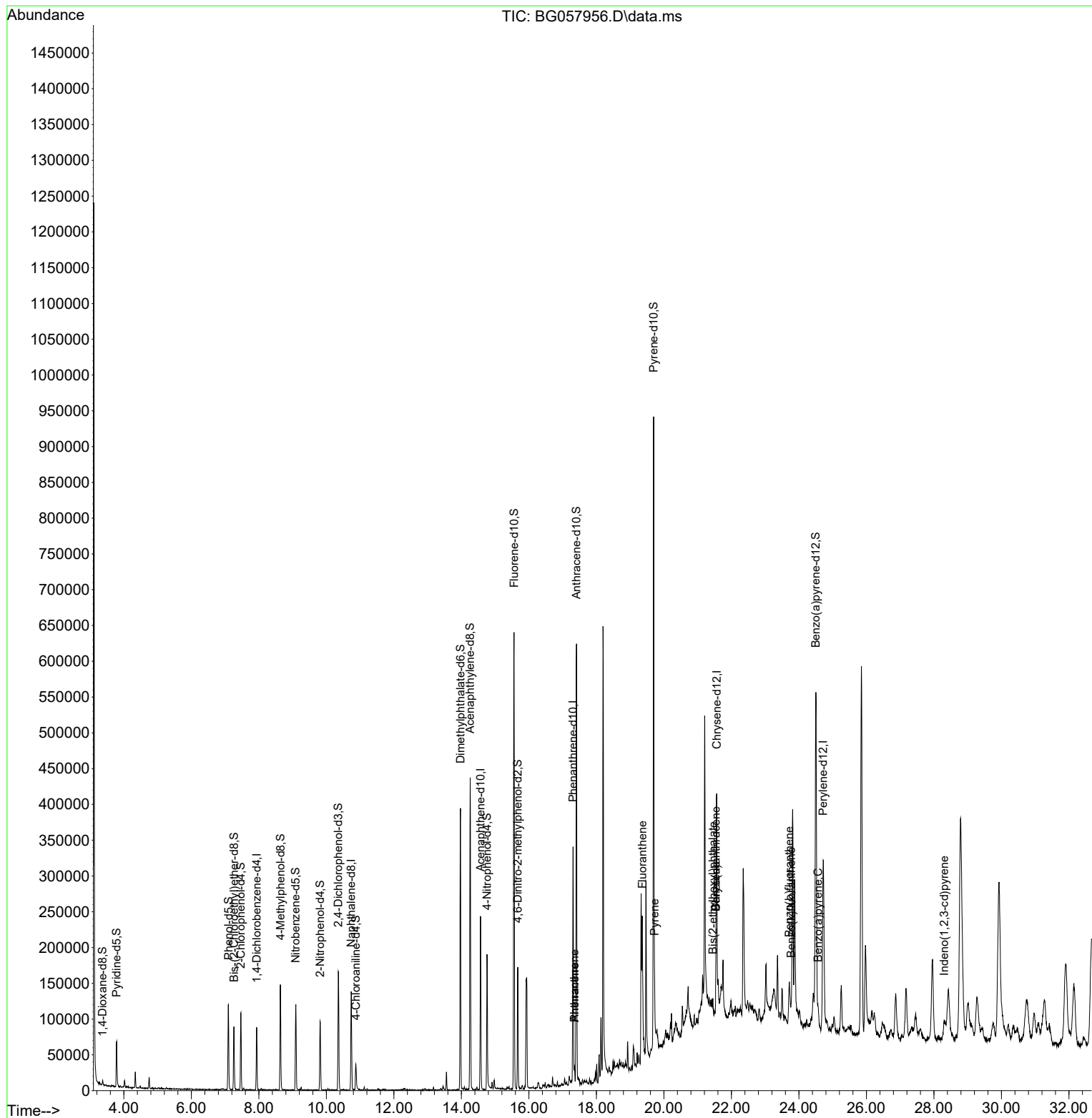
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	25117	20.000	ng/ul	0.00
20) Naphthalene-d8	10.735	136	116236	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.566	164	86702	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	208031	20.000	ng/ul	0.00
79) Chrysene-d12	21.564	240	168902	20.000	ng/ul	0.00
88) Perylene-d12	24.719	264	199578	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.367	96	2935	4.092	ng/uL	0.00
4) Pyridine-d5	3.785	84	37243	17.103	ng/ul	0.00
7) Phenol-d5	7.098	99	74802	29.162	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	43671	28.252	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	51994	29.390	ng/ul	0.00
15) 4-Methylphenol-d8	8.638	113	56515	29.199	ng/ul	0.00
21) Nitrobenzene-d5	9.090	128	30104	31.776	ng/ul	0.00
24) 2-Nitrophenol-d4	9.813	143	33637	33.783	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.353	165	67713	35.451	ng/ul	0.00
31) 4-Chloroaniline-d4	10.876	131	20750	7.165	ng/ul	0.00
46) Dimethylphthalate-d6	13.973	166	278578	40.722	ng/ul	0.00
49) Acenaphthylene-d8	14.261	160	302251	40.489	ng/ul	0.00
54) 4-Nitrophenol-d4	14.760	143	49342	40.825	ng/ul	0.00
60) Fluorene-d10	15.559	176	260361	44.815	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	38155	33.777	ng/ul	0.00
73) Anthracene-d10	17.410	188	376220	38.974	ng/ul	0.00
81) Pyrene-d10	19.695	212	500301	47.032	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.501	264	490227	48.213	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.351	178	14897	1.408	ng/ul	99
74) Anthracene	17.351	178	14897	1.391	ng/ul	99
80) Fluoranthene	19.360	202	45141	3.662	ng/ul	98
82) Pyrene	19.725	202	40483	3.263	ng/ul	97
85) Benzo(a)anthracene	21.540	228	24430	2.014	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.452	149	9217	1.278	ng/ul	99
87) Chrysene	21.540	228	24430	2.149	ng/ul	93
90) Benzo(b)fluoranthene	23.714	252	63535	5.141	ng/ul#	95
91) Benzo(k)fluoranthene	23.773	252	17429	1.439	ng/ul#	93
93) Benzo(a)pyrene	24.566	252	31654	2.894	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.303	276	36403	2.506	ng/ul	96

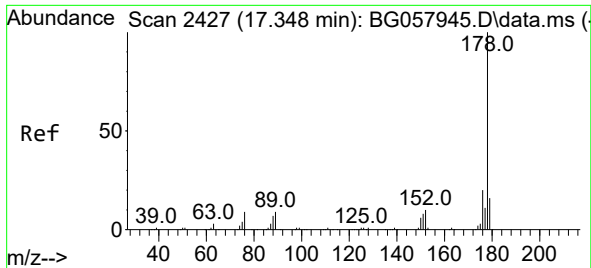
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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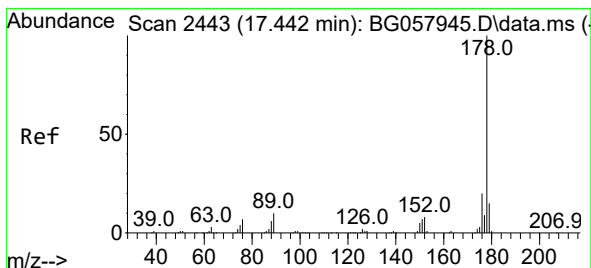
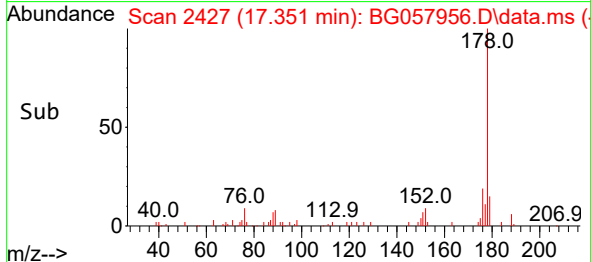
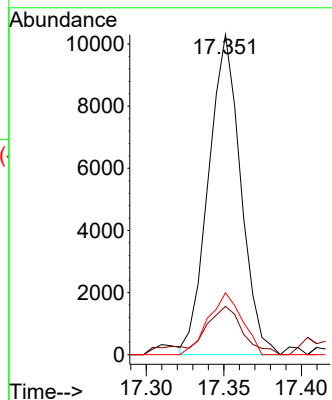
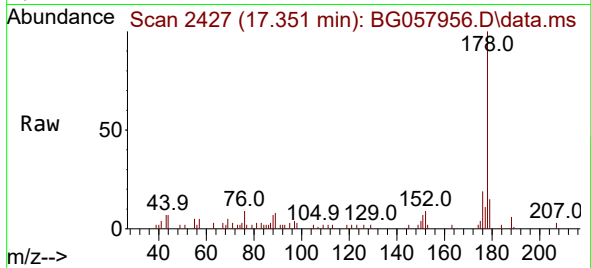




#72
Phenanthrene
Concen: 1.408 ng/ul
RT: 17.351 min Scan# 2427
Delta R.T. 0.003 min
Lab File: BG057956.D
Acq: 3 Jul 2023 15:33

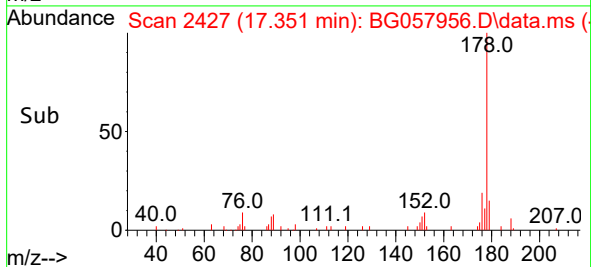
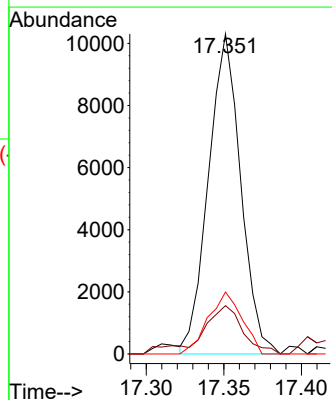
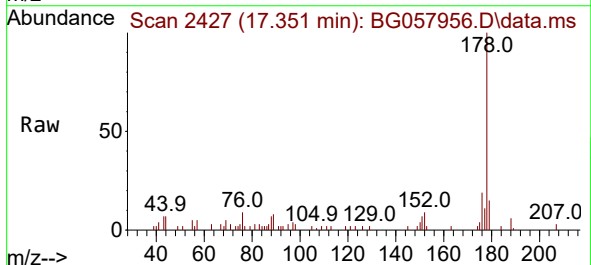
Instrument :
BNA_P
ClientSampleId :

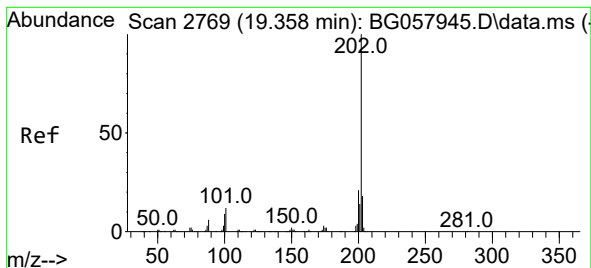
Tgt Ion:178 Resp: 14897
Ion Ratio Lower Upper
178 100
179 15.1 12.8 19.2
176 19.3 15.7 23.5



#74
Anthracene
Concen: 1.391 ng/ul
RT: 17.351 min Scan# 2427
Delta R.T. -0.091 min
Lab File: BG057956.D
Acq: 3 Jul 2023 15:33

Tgt Ion:178 Resp: 14897
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 19.3 15.4 23.2





#80

Fluoranthene

Concen: 3.662 ng/ul

RT: 19.360 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057956.D

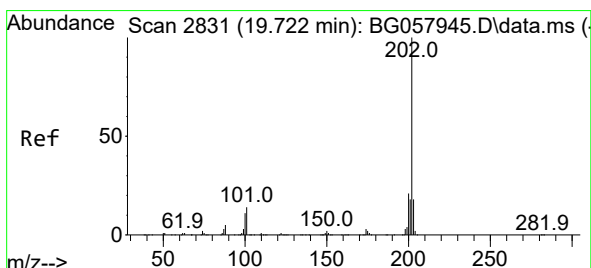
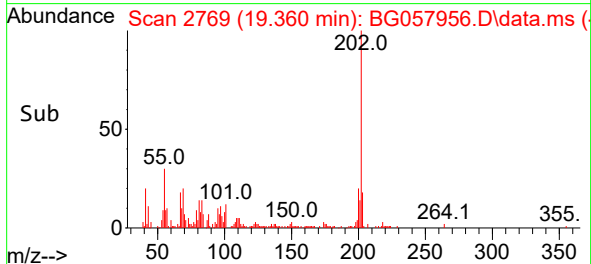
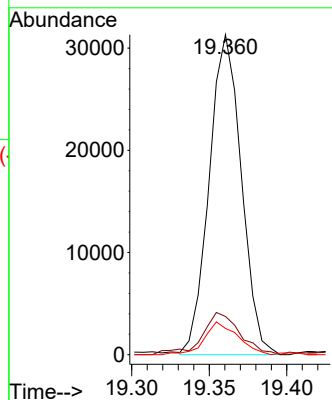
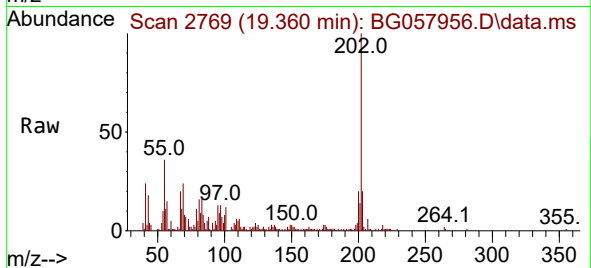
Acq: 3 Jul 2023 15:33

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:202 Resp: 45141
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.1 13.7
 100 8.2 7.1 10.7



#82

Pyrene

Concen: 3.263 ng/ul

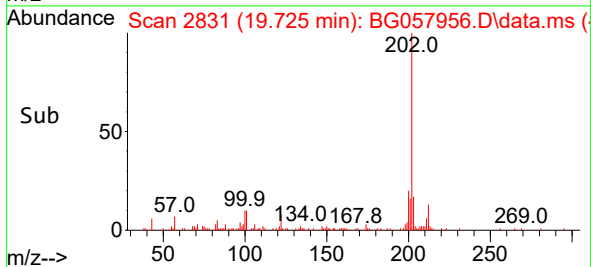
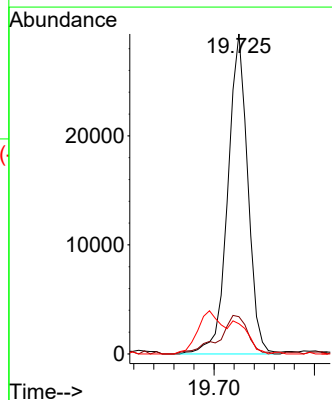
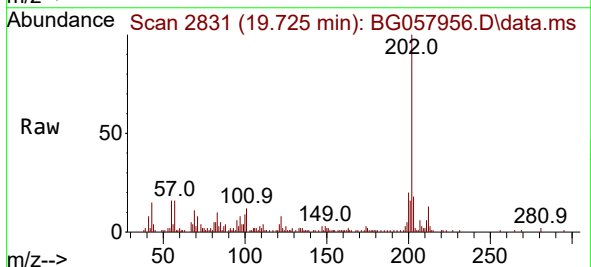
RT: 19.725 min Scan# 2831

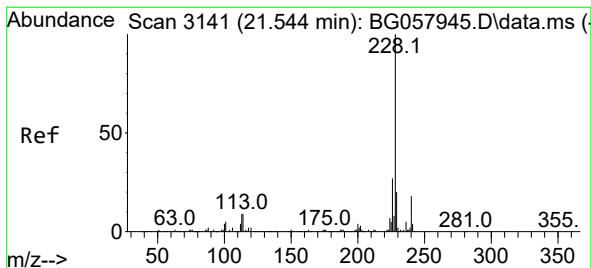
Delta R.T. 0.003 min

Lab File: BG057956.D

Acq: 3 Jul 2023 15:33

Tgt Ion:202 Resp: 40483
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.2 15.2
 100 9.4 8.9 13.3





#85

Benzo(a)anthracene

Concen: 2.014 ng/ul

RT: 21.540 min Scan# 3141

Delta R.T. -0.003 min

Lab File: BG057956.D

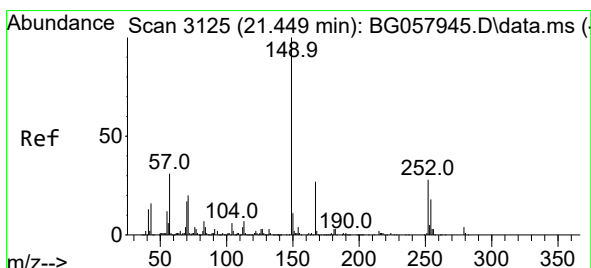
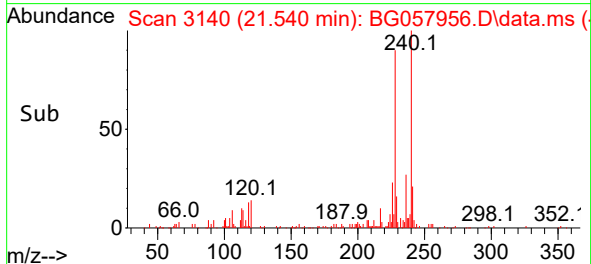
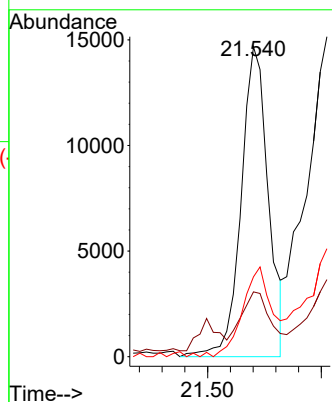
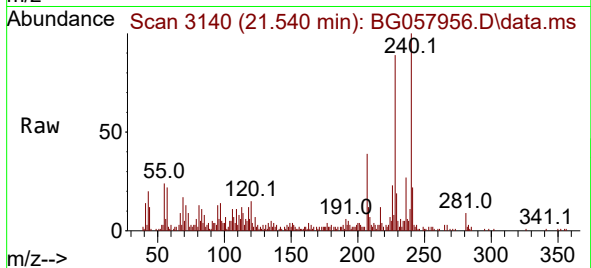
Acq: 3 Jul 2023 15:33

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:228	Resp:	24430
Ion Ratio	Lower	Upper
228	100	
229	20.9	16.0 24.0
226	25.8	22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.278 ng/ul

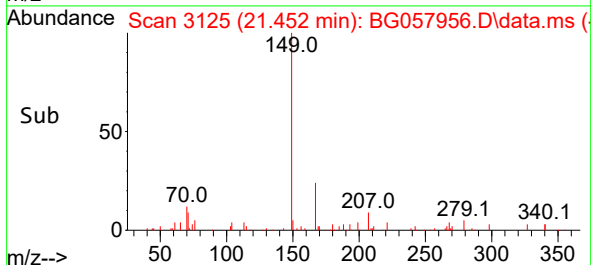
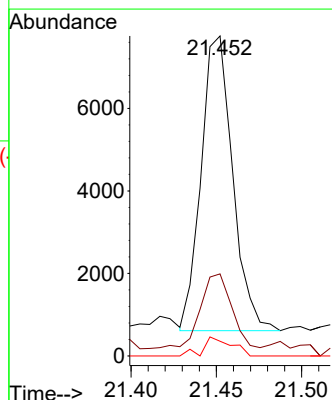
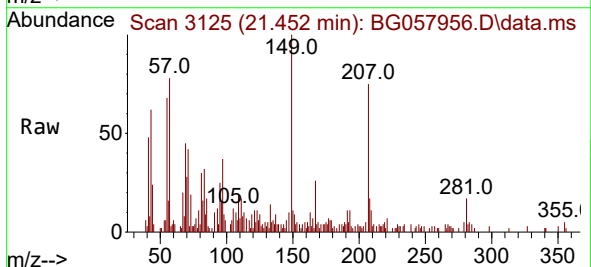
RT: 21.452 min Scan# 3125

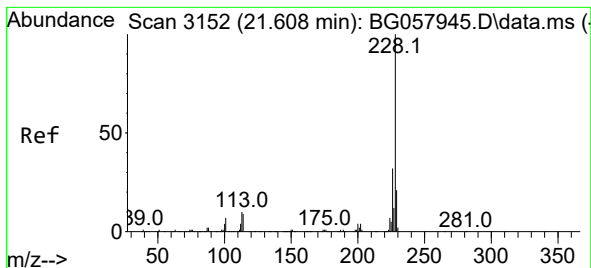
Delta R.T. 0.003 min

Lab File: BG057956.D

Acq: 3 Jul 2023 15:33

Tgt Ion:149	Resp:	9217
Ion Ratio	Lower	Upper
149	100	
167	25.6	20.9 31.3
279	4.6	3.1 4.7





#87

Chrysene

Concen: 2.149 ng/ul

RT: 21.540 min Scan# 3152

Delta R.T. -0.067 min

Lab File: BG057956.D

Acq: 3 Jul 2023 15:33

Instrument :

BNA_P

ClientSampleId :

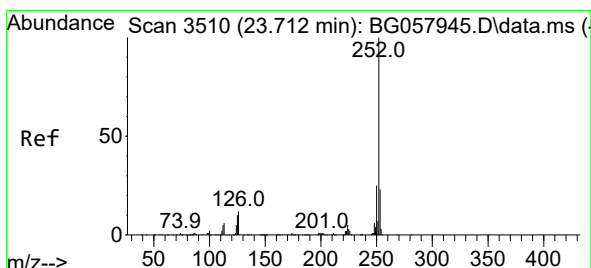
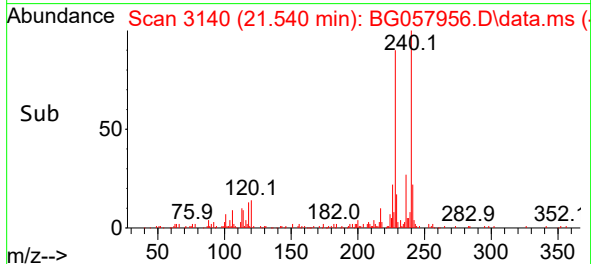
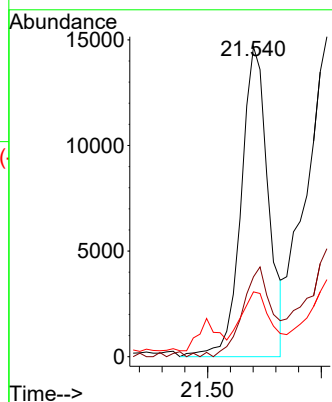
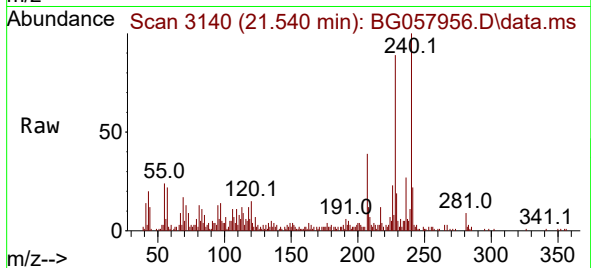
Tgt Ion:228 Resp: 24430

Ion Ratio Lower Upper

228 100

226 25.8 24.4 36.6

229 20.9 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 5.141 ng/ul

RT: 23.714 min Scan# 3510

Delta R.T. 0.003 min

Lab File: BG057956.D

Acq: 3 Jul 2023 15:33

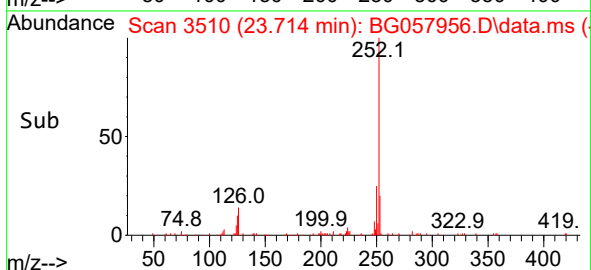
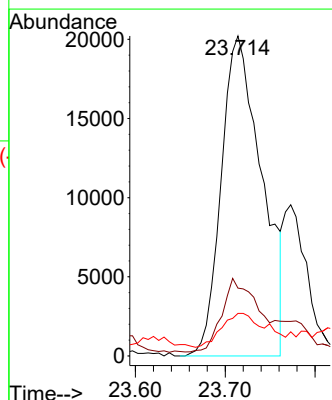
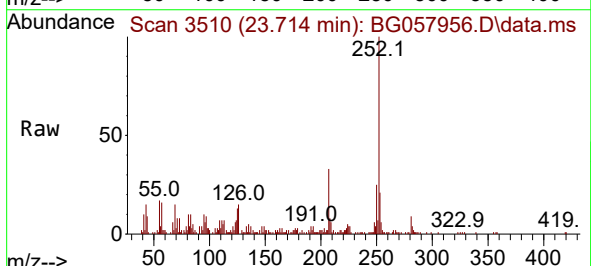
Tgt Ion:252 Resp: 63535

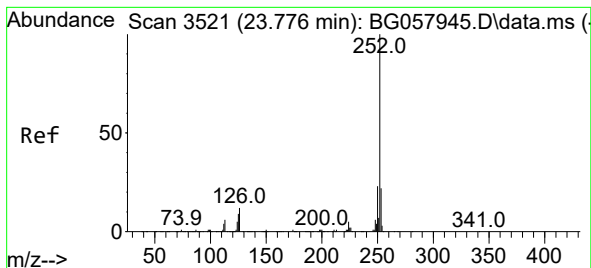
Ion Ratio Lower Upper

252 100

253 21.2 18.1 27.1

125 13.3 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 1.439 ng/ul

RT: 23.773 min Scan# 3521

Delta R.T. -0.003 min

Lab File: BG057956.D

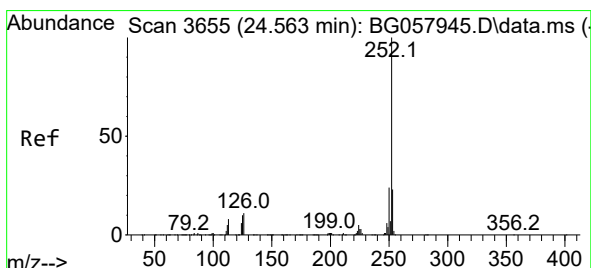
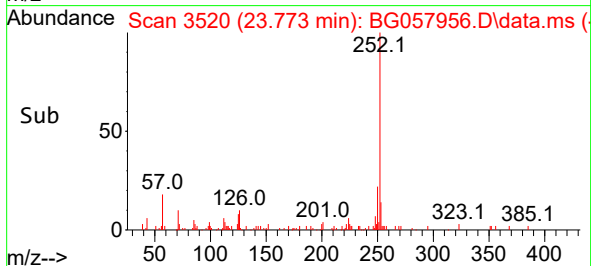
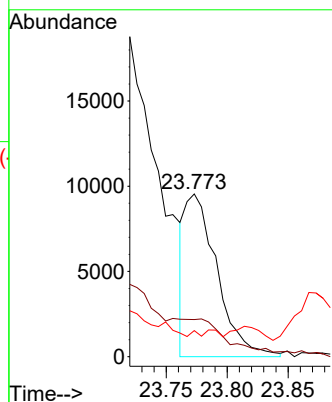
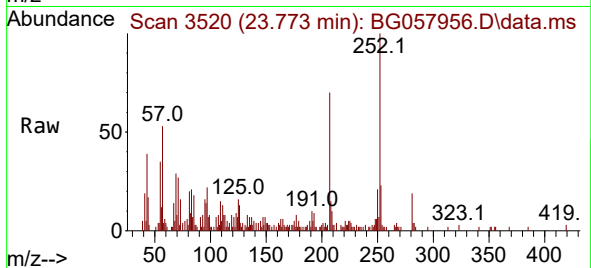
Acq: 3 Jul 2023 15:33

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:252	Resp:	17429
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.7 26.5
125	16.0	7.4 11.2#



#93

Benzo(a)pyrene

Concen: 2.894 ng/ul

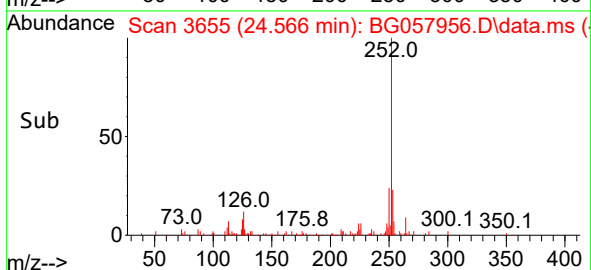
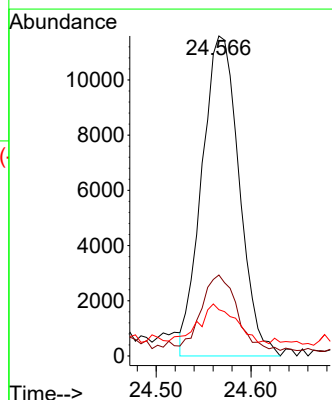
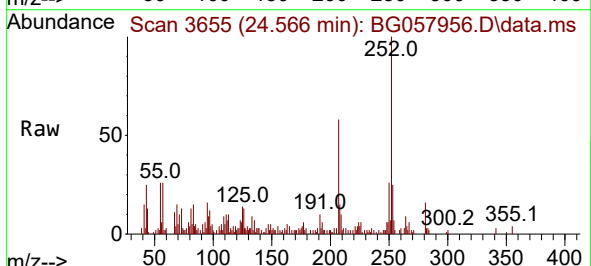
RT: 24.566 min Scan# 3655

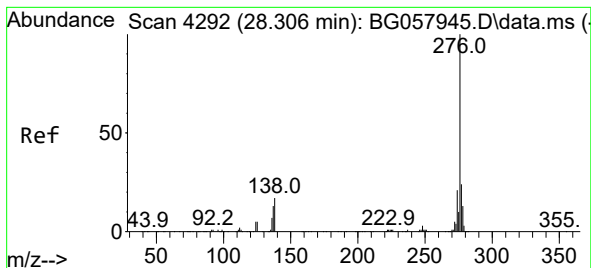
Delta R.T. -0.003 min

Lab File: BG057956.D

Acq: 3 Jul 2023 15:33

Tgt Ion:252	Resp:	31654
Ion Ratio	Lower	Upper
252	100	
253	25.3	17.8 26.6
125	14.4	8.3 12.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.506 ng/ul

RT: 28.303 min Scan# 41

Delta R.T. -0.003 min

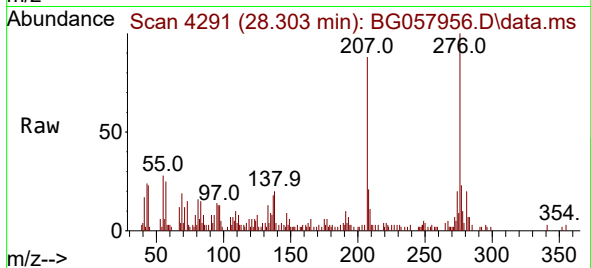
Lab File: BG057956.D

Acq: 3 Jul 2023 15:33

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 36403

Ion Ratio Lower Upper

276 100

138 20.3 14.0 21.0

277 23.1 19.4 29.2

