

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057964.D
 Acq On : 3 Jul 2023 21:13
 Operator : CG/JU
 Sample : 03246-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 04 00:56:23 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

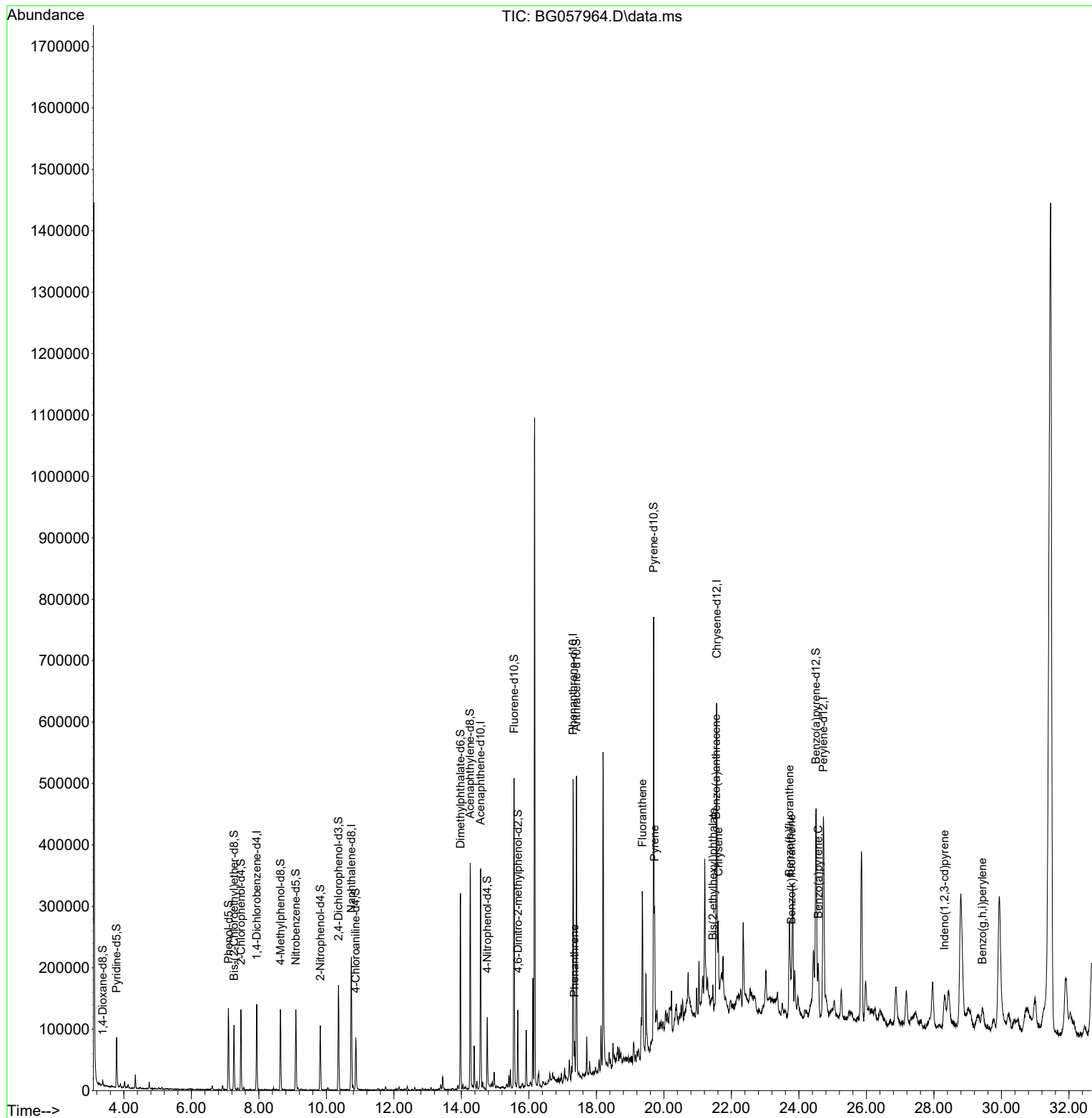
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	39487	20.000	ng/ul	0.00
20) Naphthalene-d8	10.741	136	184838	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.566	164	134760	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	314912	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	256857	20.000	ng/ul	0.00
88) Perylene-d12	24.724	264	314035	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	3950	3.503	ng/uL	0.00
4) Pyridine-d5	3.784	84	41656	12.168	ng/ul	0.00
7) Phenol-d5	7.098	99	81858	20.299	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	50558	20.804	ng/ul	0.00
11) 2-Chlorophenol-d4	7.468	132	60268	21.669	ng/ul	0.00
15) 4-Methylphenol-d8	8.637	113	50847	16.710	ng/ul	0.00
21) Nitrobenzene-d5	9.096	128	32261	21.414	ng/ul	0.00
24) 2-Nitrophenol-d4	9.818	143	35122	22.182	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.359	165	65117	21.439	ng/ul	0.00
31) 4-Chloroaniline-d4	10.870	131	45696	9.923	ng/ul	0.00
46) Dimethylphthalate-d6	13.972	166	215187	20.238	ng/ul	0.00
49) Acenaphthylene-d8	14.260	160	255272	22.001	ng/ul	0.00
54) 4-Nitrophenol-d4	14.766	143	30444	16.206	ng/ul	0.00
60) Fluorene-d10	15.559	176	200624	22.217	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.676	200	27551	16.112	ng/ul	0.00
73) Anthracene-d10	17.410	188	292201	19.996	ng/ul	0.00
81) Pyrene-d10	19.695	212	357600	22.106	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.507	264	356451	22.279	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.351	178	37065	2.314	ng/ul	99
80) Fluoranthene	19.360	202	128669	6.864	ng/ul	99
82) Pyrene	19.724	202	110577	5.860	ng/ul	98
85) Benzo(a)anthracene	21.546	228	80677	4.374	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.452	149	15101	1.377	ng/ul#	95
87) Chrysene	21.610	228	101237	5.856	ng/ul	98
90) Benzo(b)fluoranthene	23.720	252	185165	9.523	ng/ul#	95
91) Benzo(k)fluoranthene	23.779	252	52327	2.746	ng/ul#	92
93) Benzo(a)pyrene	24.572	252	93050	5.407	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.308	276	82743	3.621	ng/ul	99
96) Benzo(g,h,i)perylene	29.437	276	68634	3.677	ng/ul	94

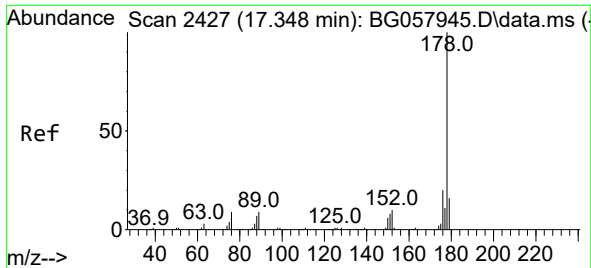
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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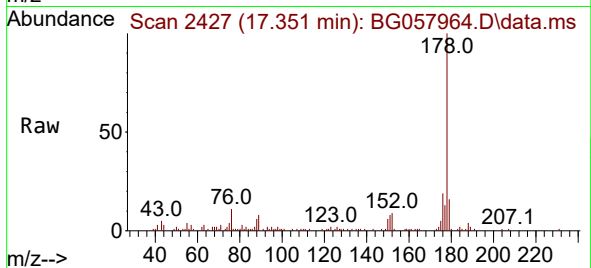
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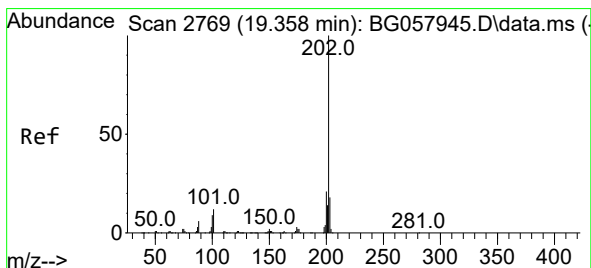
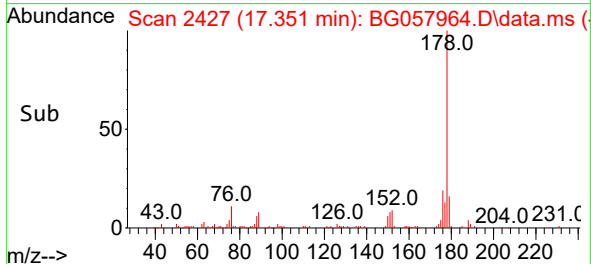
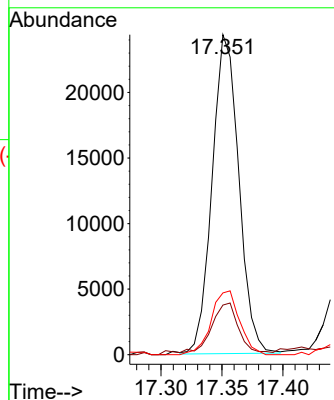


#72
Phenanthrene
Concen: 2.314 ng/ul
RT: 17.351 min Scan# 2427
Delta R.T. 0.003 min
Lab File: BG057964.D
Acq: 3 Jul 2023 21:13

Instrument :
BNA_P
ClientSampleId :

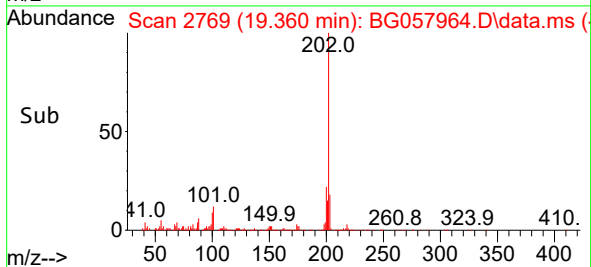
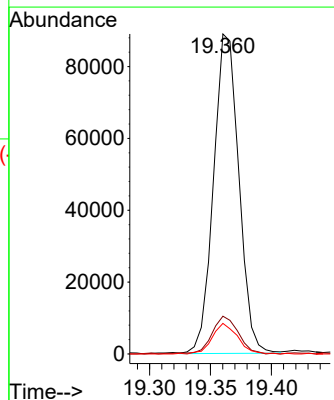
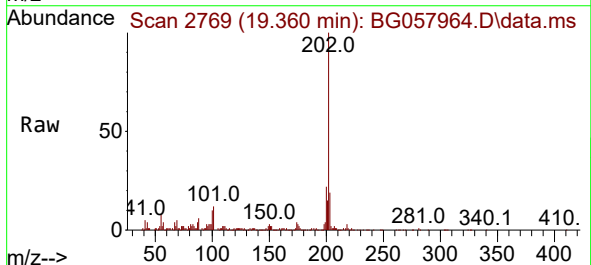


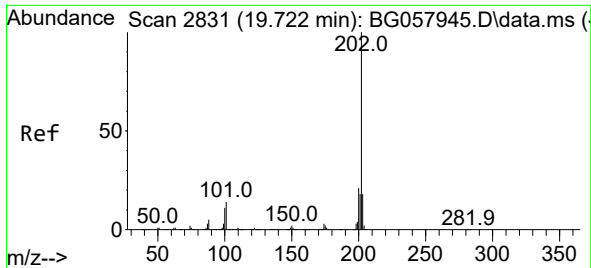
Tgt Ion:178 Resp: 37065
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.3 15.7 23.5



#80
Fluoranthene
Concen: 6.864 ng/ul
RT: 19.360 min Scan# 2769
Delta R.T. 0.003 min
Lab File: BG057964.D
Acq: 3 Jul 2023 21:13

Tgt Ion:202 Resp: 128669
Ion Ratio Lower Upper
202 100
101 11.8 9.1 13.7
100 9.6 7.1 10.7

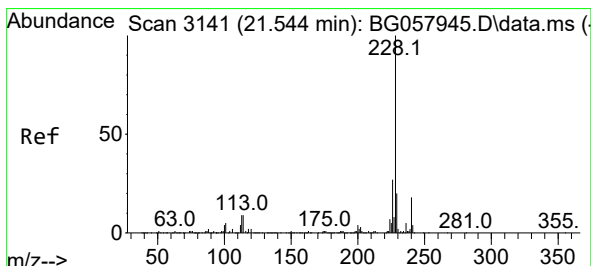
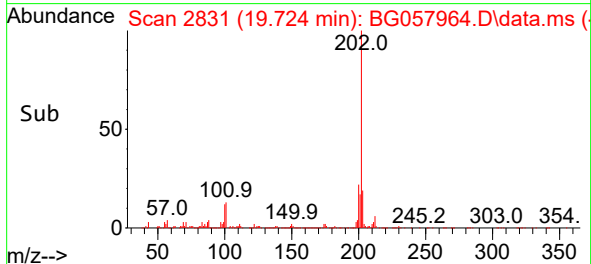
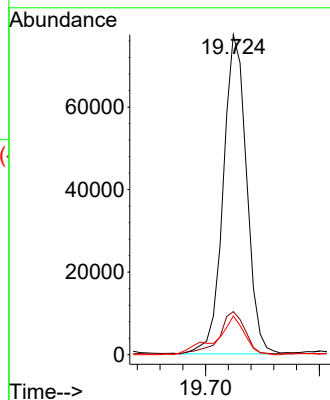
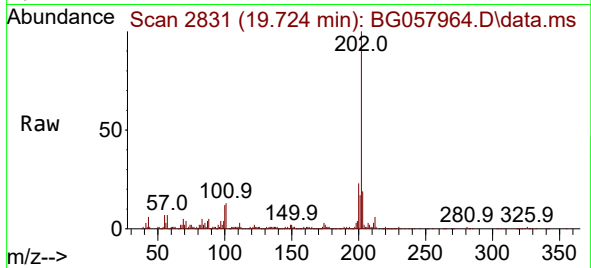




#82
 Pyrene
 Concen: 5.860 ng/ul
 RT: 19.724 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057964.D
 Acq: 3 Jul 2023 21:13

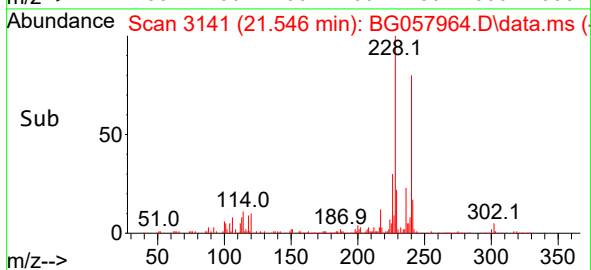
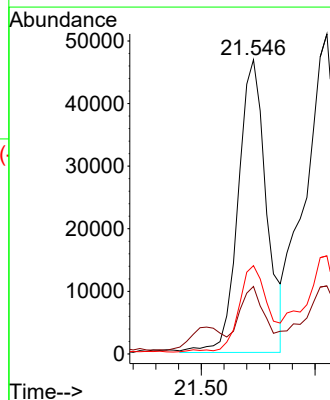
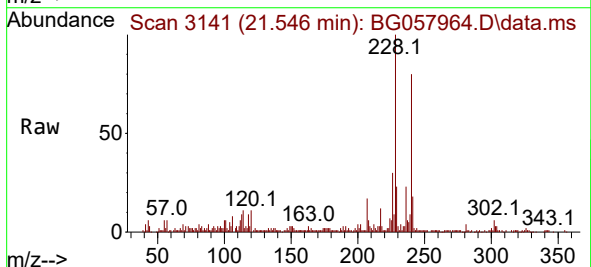
Instrument :
 BNA_P
 ClientSampleId :

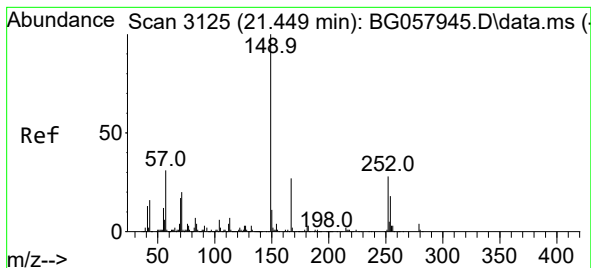
Tgt Ion:202 Resp: 110577
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.2 15.2
 100 12.1 8.9 13.3



#85
 Benzo(a)anthracene
 Concen: 4.374 ng/ul
 RT: 21.546 min Scan# 3141
 Delta R.T. 0.003 min
 Lab File: BG057964.D
 Acq: 3 Jul 2023 21:13

Tgt Ion:228 Resp: 80677
 Ion Ratio Lower Upper
 228 100
 229 23.0 16.0 24.0
 226 30.0 22.0 33.0

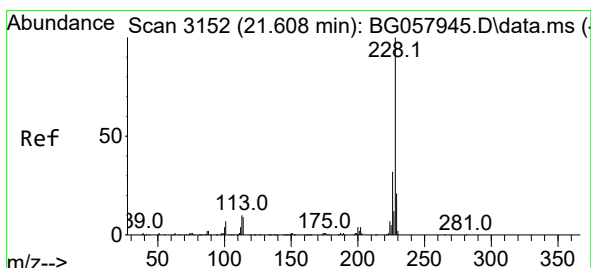
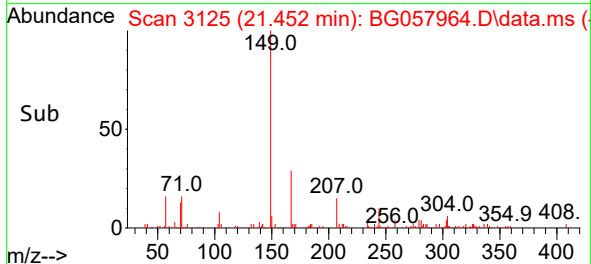
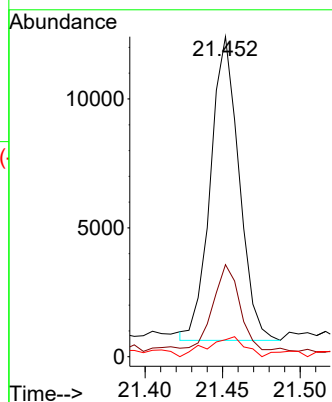
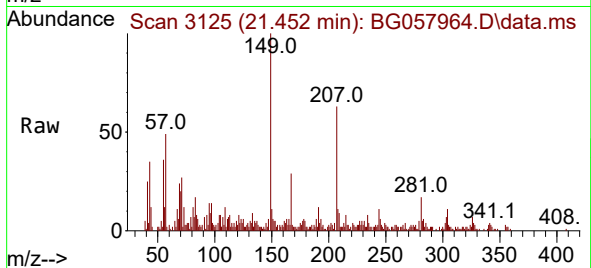




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.377 ng/ul
 RT: 21.452 min Scan# 3125
 Delta R.T. 0.003 min
 Lab File: BG057964.D
 Acq: 3 Jul 2023 21:13

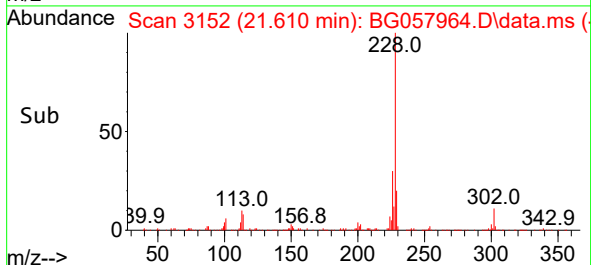
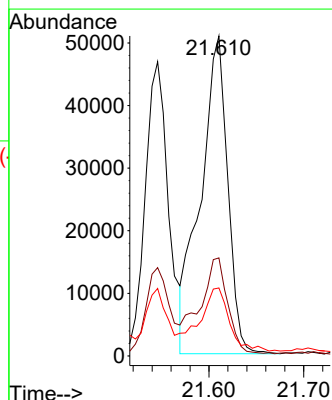
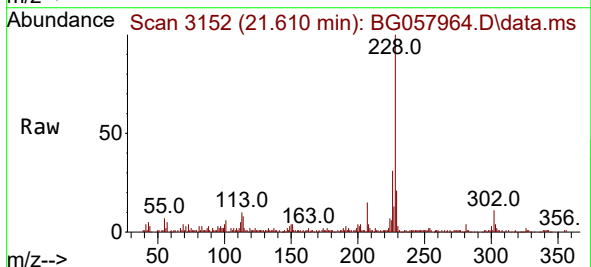
Instrument :
 BNA_P
 ClientSampleId :

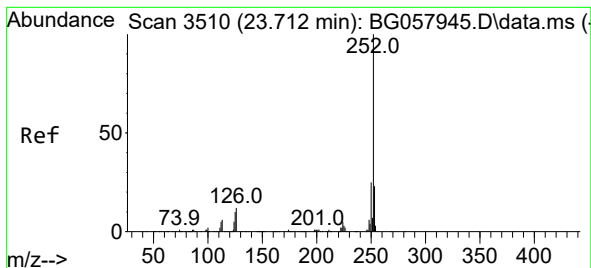
Tgt Ion:149 Resp: 15101
 Ion Ratio Lower Upper
 149 100
 167 28.7 20.9 31.3
 279 5.3 3.1 4.7#



#87
 Chrysene
 Concen: 5.856 ng/ul
 RT: 21.610 min Scan# 3152
 Delta R.T. 0.003 min
 Lab File: BG057964.D
 Acq: 3 Jul 2023 21:13

Tgt Ion:228 Resp: 101237
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 21.3 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 9.523 ng/ul

RT: 23.720 min Scan# 3510

Delta R.T. 0.009 min

Lab File: BG057964.D

Acq: 3 Jul 2023 21:13

Instrument :

BNA_P

ClientSampleId :

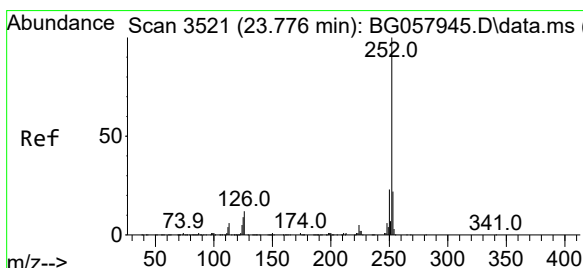
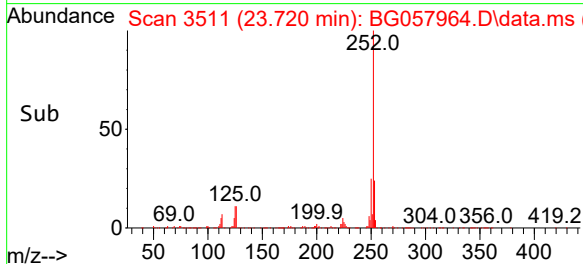
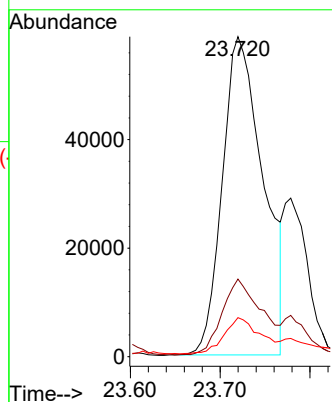
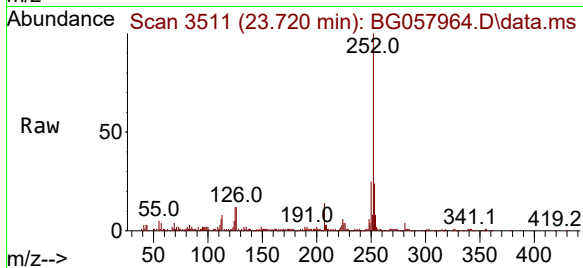
Tgt Ion:252 Resp: 185165

Ion Ratio Lower Upper

252 100

253 24.3 18.1 27.1

125 12.2 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 2.746 ng/ul

RT: 23.779 min Scan# 3521

Delta R.T. 0.003 min

Lab File: BG057964.D

Acq: 3 Jul 2023 21:13

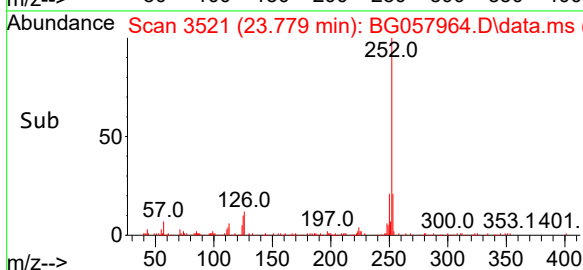
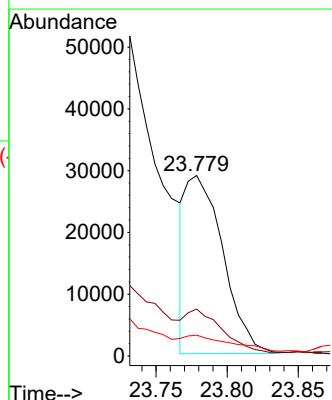
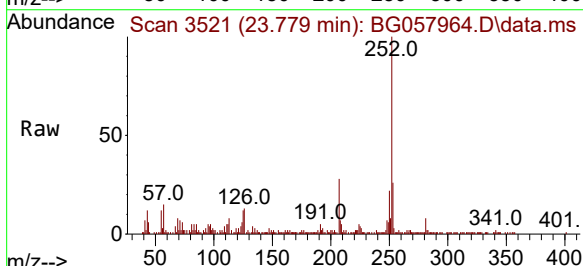
Tgt Ion:252 Resp: 52327

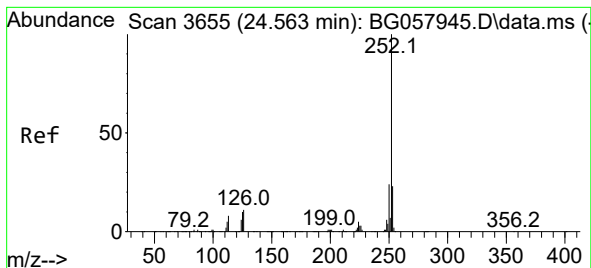
Ion Ratio Lower Upper

252 100

253 26.0 17.7 26.5

125 11.5 7.4 11.2#





#93

Benzo(a)pyrene

Concen: 5.407 ng/ul

RT: 24.572 min Scan# 3

Delta R.T. 0.003 min

Lab File: BG057964.D

Acq: 3 Jul 2023 21:13

Instrument :

BNA_P

ClientSampleId :

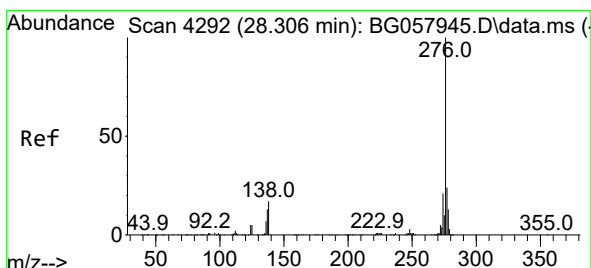
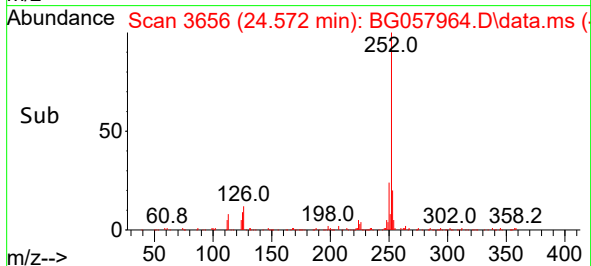
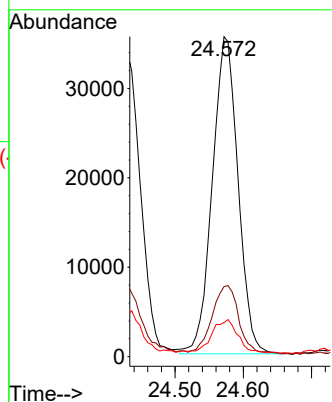
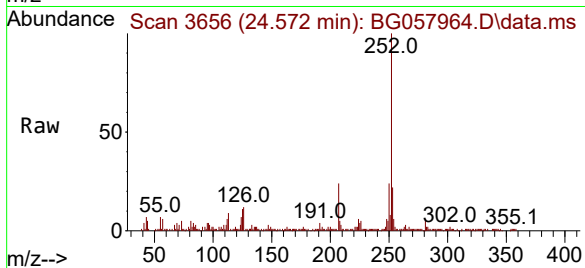
Tgt Ion:252 Resp: 93050

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.7 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.621 ng/ul

RT: 28.308 min Scan# 4292

Delta R.T. 0.003 min

Lab File: BG057964.D

Acq: 3 Jul 2023 21:13

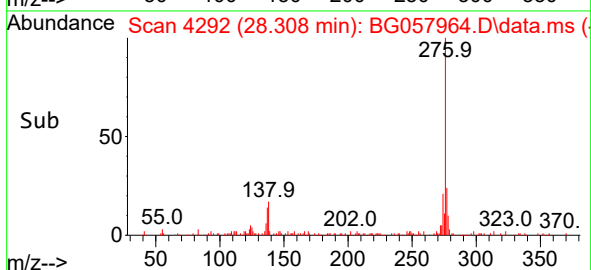
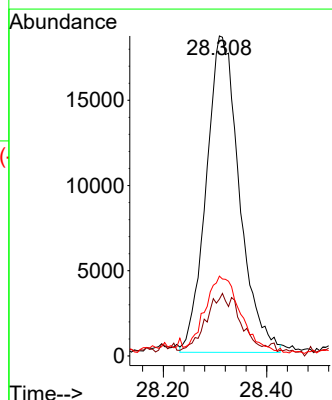
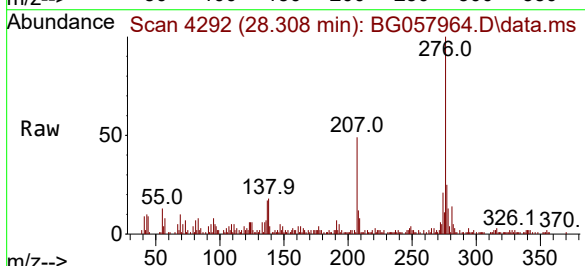
Tgt Ion:276 Resp: 82743

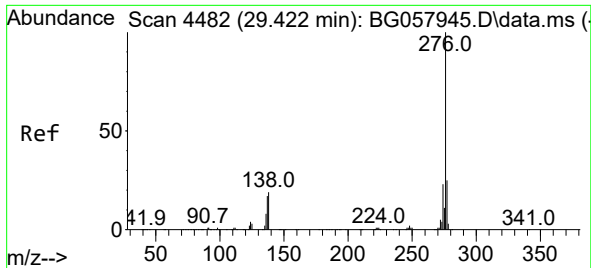
Ion Ratio Lower Upper

276 100

138 17.8 14.0 21.0

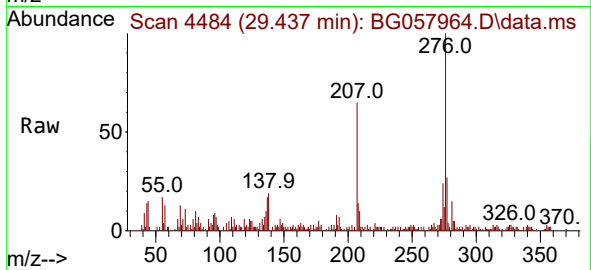
277 25.0 19.4 29.2





#96
 Benzo(g,h,i)perylene
 Concen: 3.677 ng/ul
 RT: 29.437 min Scan# 44
 Delta R.T. 0.009 min
 Lab File: BG057964.D
 Acq: 3 Jul 2023 21:13

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:	276	Resp:	68634
Ion	Ratio	Lower	Upper
276	100		
138	19.1	14.2	21.2
277	27.2	18.6	27.8

