

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059585.D
 Acq On : 1 Nov 2023 20:05
 Operator : MA/JU
 Sample : 04922-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAT8

Quant Time: Nov 02 02:33:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

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

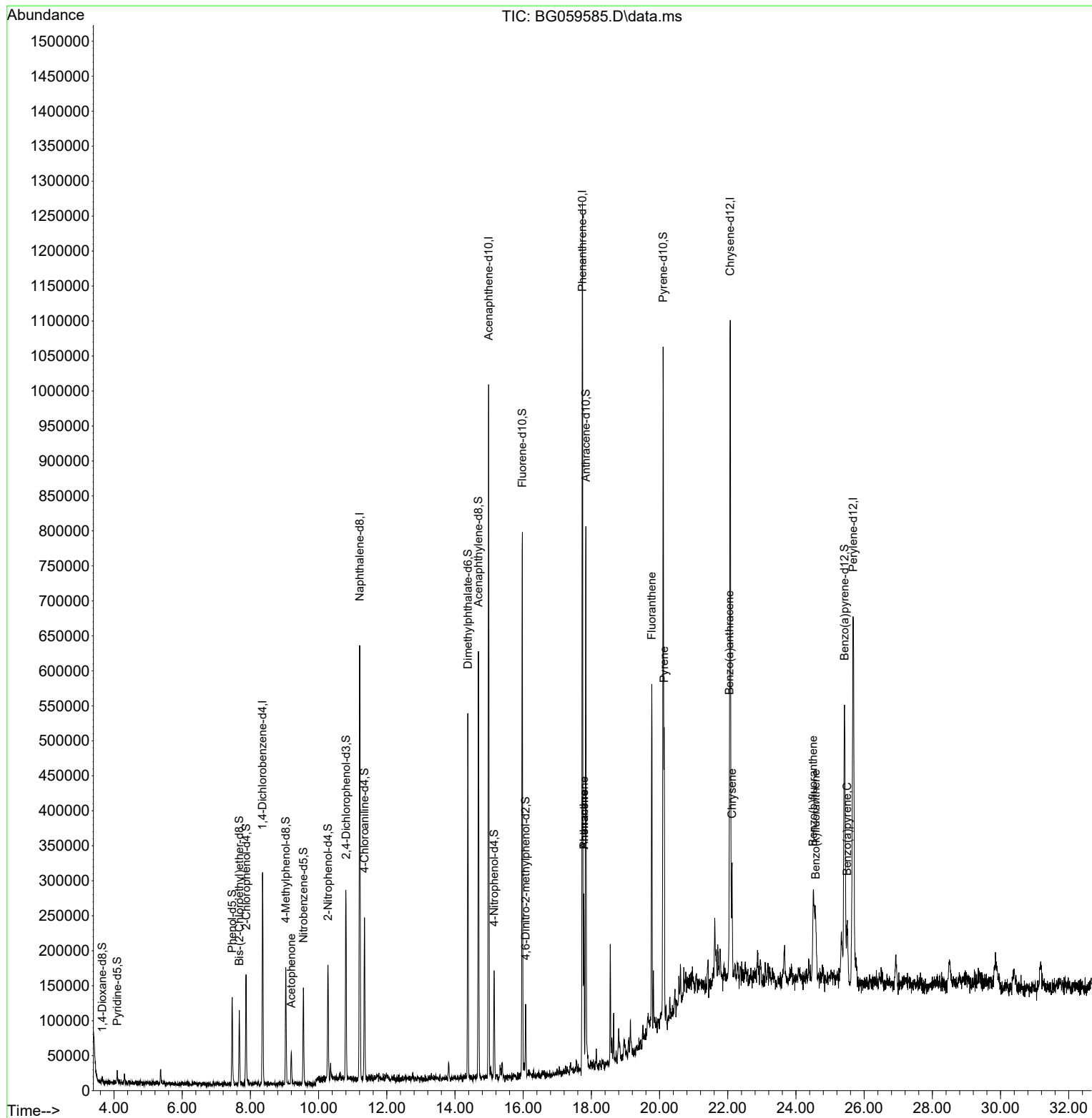
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	89194	20.000	ng/ul	0.00
20) Naphthalene-d8	11.203	136	559275	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.987	164	346629	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.737	188	742284	20.000	ng/ul	0.00
79) Chrysene-d12	22.073	240	548353	20.000	ng/ul	# 0.00
88) Perylene-d12	25.674	264	615288	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	3056	1.282	ng/uL	0.00
4) Pyridine-d5	4.094	84	9352	1.404	ng/ul	0.00
7) Phenol-d5	7.466	99	80466	8.779	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.672	67	41190	9.784	ng/ul	0.00
11) 2-Chlorophenol-d4	7.872	132	74599	10.032	ng/ul	0.00
15) 4-Methylphenol-d8	9.035	113	67380	9.266	ng/ul	0.00
21) Nitrobenzene-d5	9.552	128	38564	9.698	ng/ul	0.00
24) 2-Nitrophenol-d4	10.275	143	60831	14.901	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.803	165	95782	10.649	ng/ul	0.00
31) 4-Chloroaniline-d4	11.344	131	127923	8.640	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	335309	10.677	ng/ul	-0.01
49) Acenaphthylene-d8	14.687	160	414309	11.242	ng/ul	0.00
54) 4-Nitrophenol-d4	15.145	143	38524	7.154	ng/ul	0.00
60) Fluorene-d10	15.974	176	314477	11.718	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.068	200	24913	7.087	ng/ul	-0.01
73) Anthracene-d10	17.836	188	448418	11.151	ng/ul	0.00
81) Pyrene-d10	20.104	212	502811	13.192	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.422	264	448658	12.383	ng/ul	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	9.199	105	29218	2.549	ng/ul#	92
72) Phenanthrene	17.778	178	146644	3.039	ng/ul	97
74) Anthracene	17.778	178	146644	3.010	ng/ul	98
80) Fluoranthene	19.769	202	303679	6.536	ng/ul	98
82) Pyrene	20.134	202	241657	5.007	ng/ul#	93
85) Benzo(a)anthracene	22.049	228	120228	2.664	ng/ul	92
87) Chrysene	22.125	228	102562	2.443	ng/ul	97
90) Benzo(b)fluoranthene	24.505	252	109904	2.464	ng/ul#	97
91) Benzo(k)fluoranthene	24.581	252	46203	1.037	ng/ul#	93
93) Benzo(a)pyrene	25.504	252	55076	1.307	ng/ul#	88

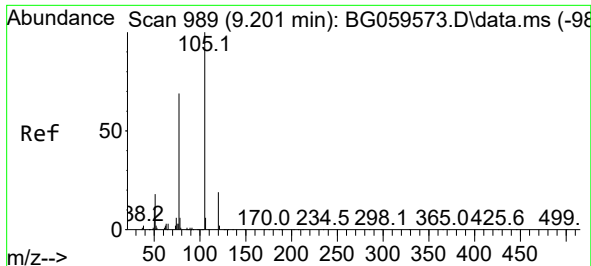
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

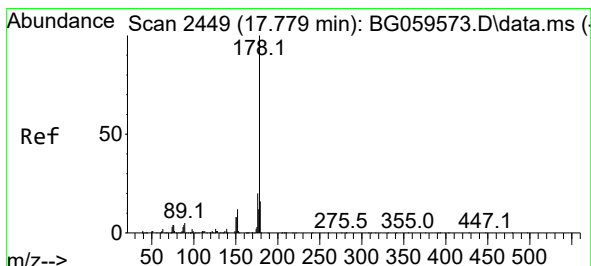
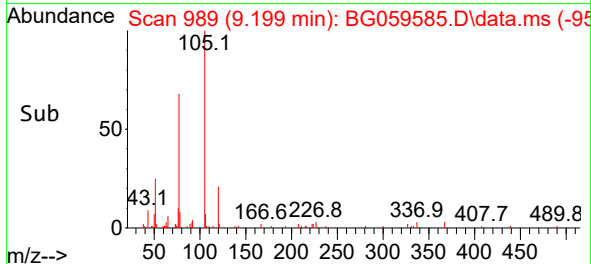
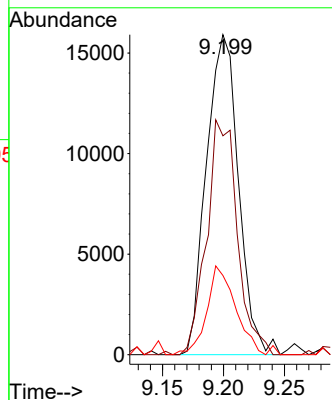
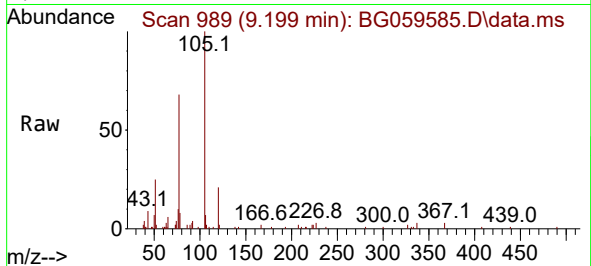




#16
Acetophenone
Concen: 2.549 ng/ul
RT: 9.199 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

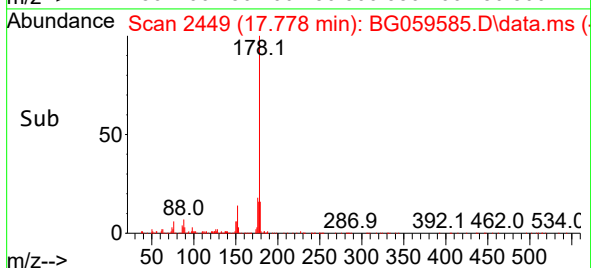
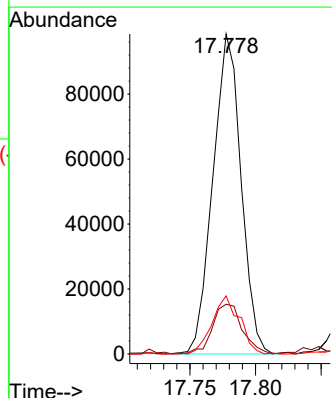
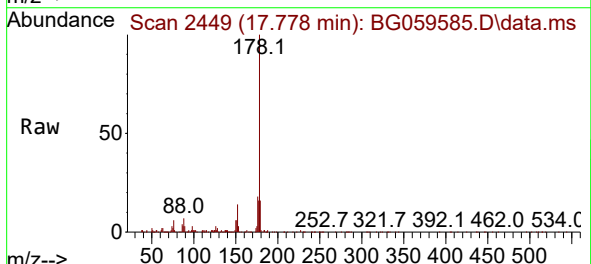
Instrument :
BNA_G
ClientSampleId :
EOAT8

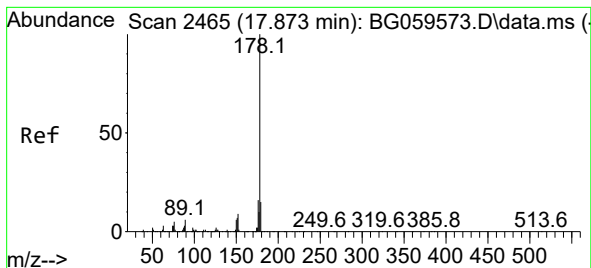
Tgt Ion:105 Resp: 29218
Ion Ratio Lower Upper
105 100
77 68.4 59.6 89.4
51 24.7 16.2 24.4#



#72
Phenanthrene
Concen: 3.039 ng/ul
RT: 17.778 min Scan# 2449
Delta R.T. -0.008 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

Tgt Ion:178 Resp: 146644
Ion Ratio Lower Upper
178 100
179 15.6 11.3 16.9
176 18.2 15.4 23.0





#74

Anthracene

Concen: 3.010 ng/ul

RT: 17.778 min Scan# 2465

Delta R.T. -0.102 min

Lab File: BG059585.D

Acq: 1 Nov 2023 20:05

Instrument :

BNA_G

ClientSampleId :

EOAT8

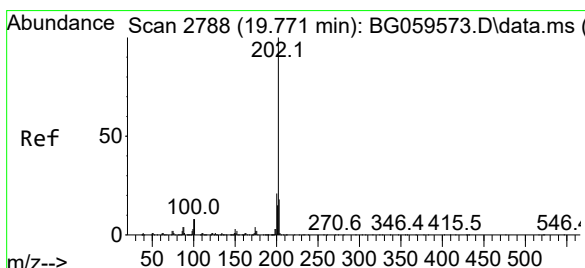
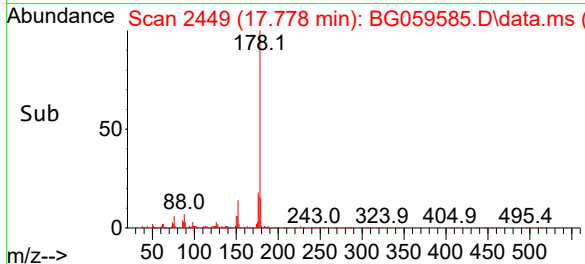
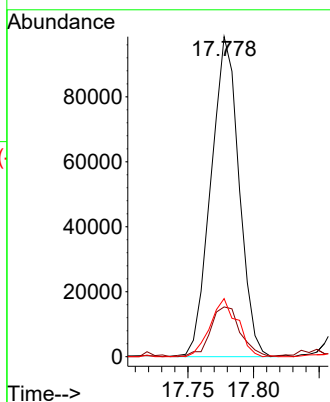
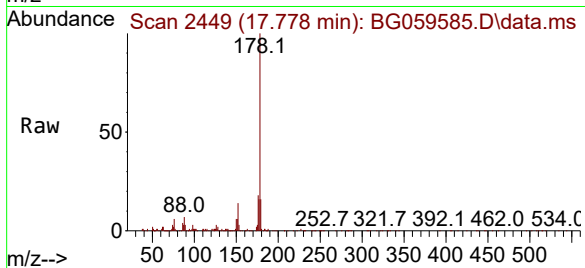
Tgt Ion:178 Resp: 146644

Ion Ratio Lower Upper

178 100

179 15.6 13.1 19.7

176 18.2 13.9 20.9



#80

Fluoranthene

Concen: 6.536 ng/ul

RT: 19.769 min Scan# 2788

Delta R.T. -0.008 min

Lab File: BG059585.D

Acq: 1 Nov 2023 20:05

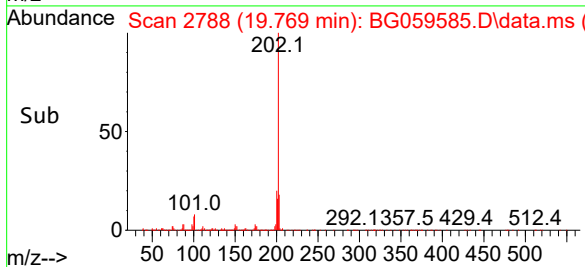
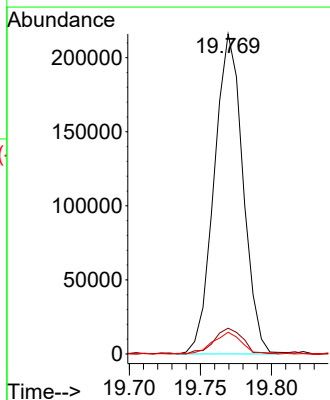
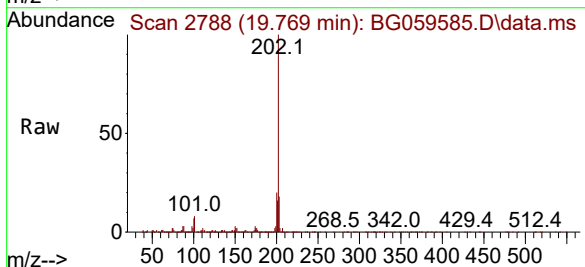
Tgt Ion:202 Resp: 303679

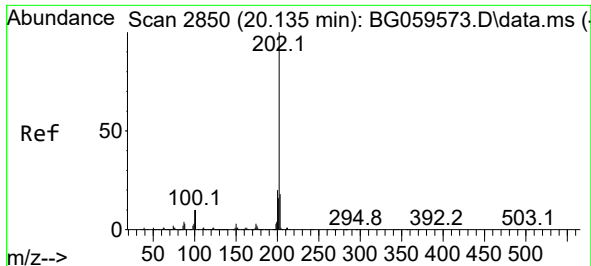
Ion Ratio Lower Upper

202 100

101 8.0 7.0 10.6

100 6.8 5.2 7.8

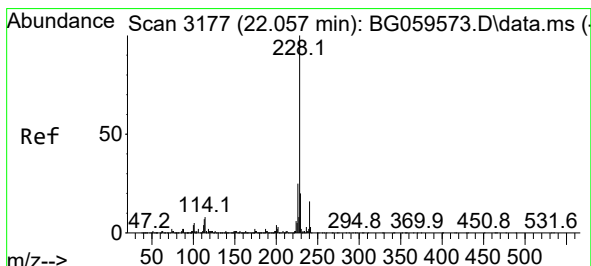
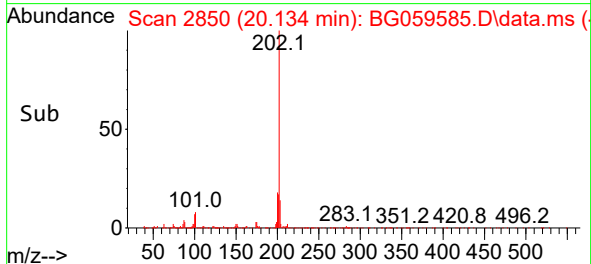
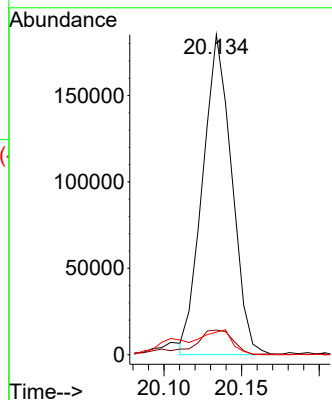
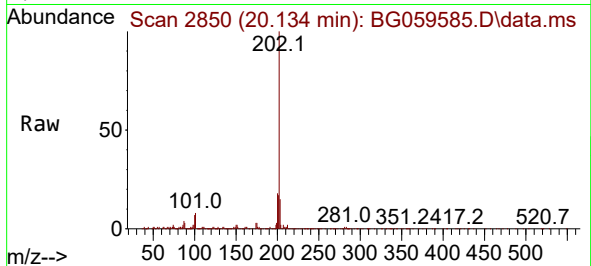




#82
Pyrene
Concen: 5.007 ng/ul
RT: 20.134 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

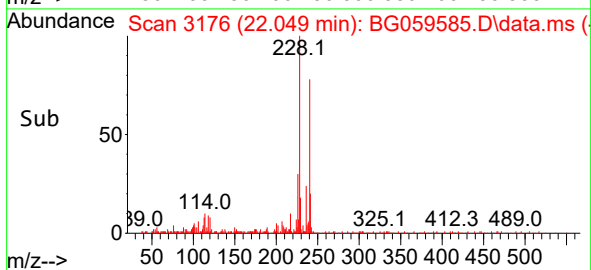
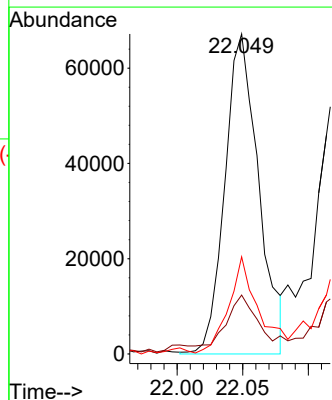
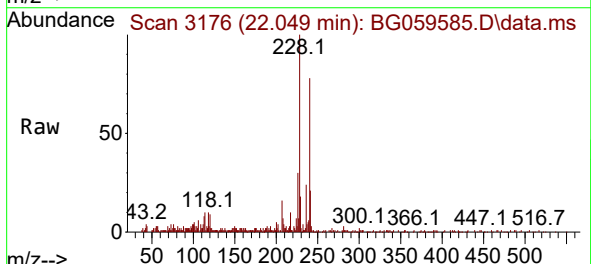
Instrument :
BNA_G
ClientSampleId :
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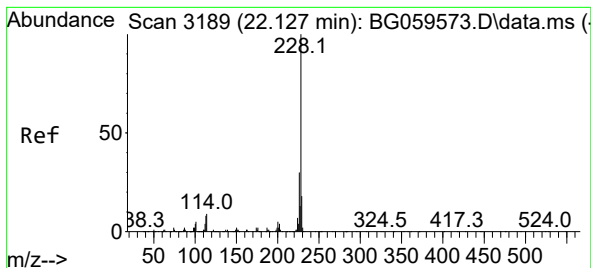
Tgt Ion:202 Resp: 241657
Ion Ratio Lower Upper
202 100
101 7.7 7.9 11.9#
100 7.0 7.9 11.9#



#85
Benzo(a)anthracene
Concen: 2.664 ng/ul
RT: 22.049 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

Tgt Ion:228 Resp: 120228
Ion Ratio Lower Upper
228 100
229 18.4 16.7 25.1
226 30.4 20.3 30.5





#87

Chrysene

Concen: 2.443 ng/ul

RT: 22.125 min Scan# 3189

Delta R.T. -0.008 min

Lab File: BG059585.D

Acq: 1 Nov 2023 20:05

Instrument :

BNA_G

ClientSampleId :

EOAT8

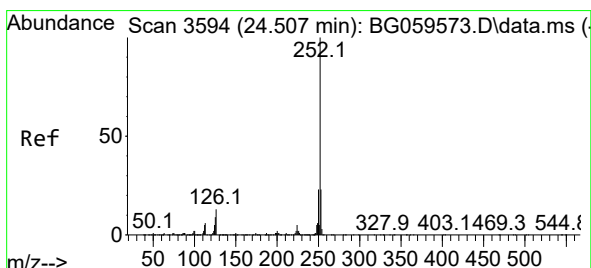
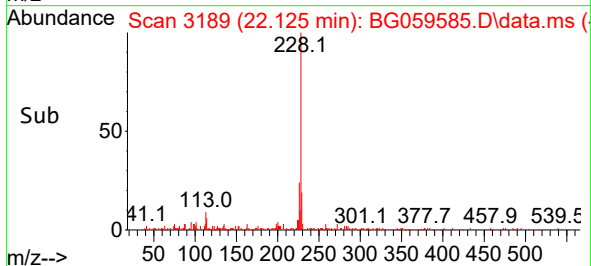
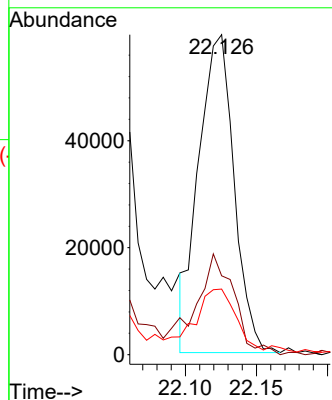
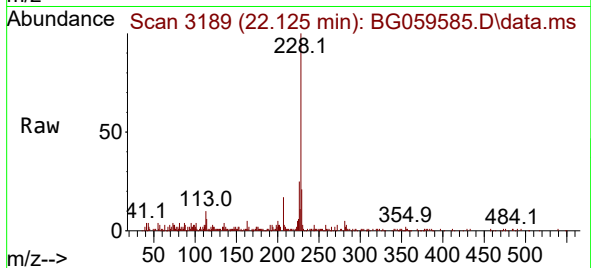
Tgt Ion:228 Resp: 102562

Ion Ratio Lower Upper

228 100

226 24.6 21.0 31.4

229 20.5 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 2.464 ng/ul

RT: 24.505 min Scan# 3594

Delta R.T. -0.020 min

Lab File: BG059585.D

Acq: 1 Nov 2023 20:05

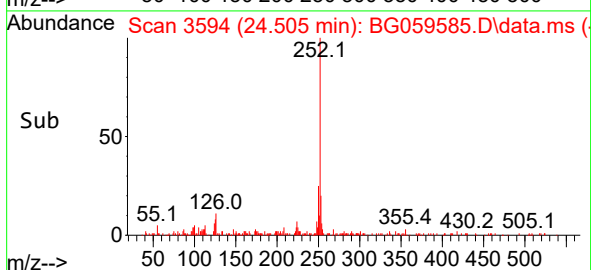
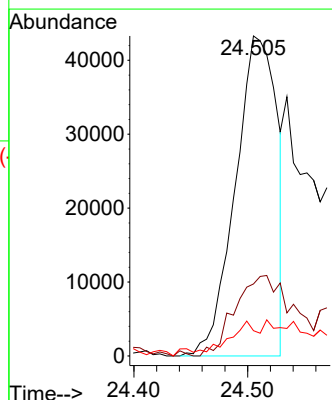
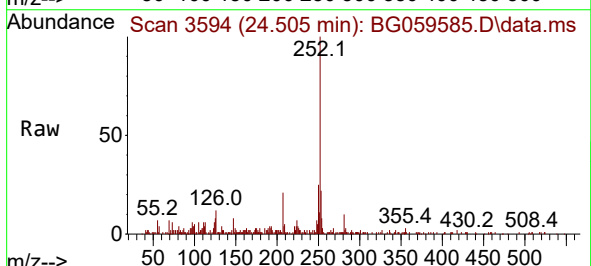
Tgt Ion:252 Resp: 109904

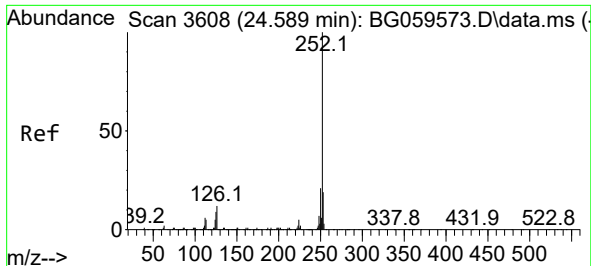
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 7.9 8.6 13.0#

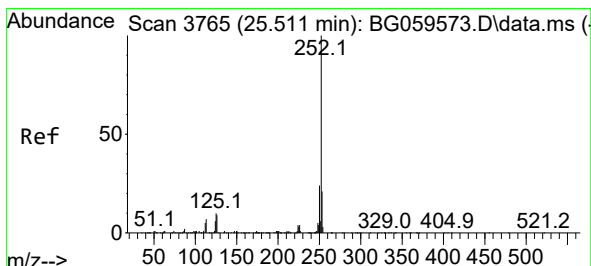
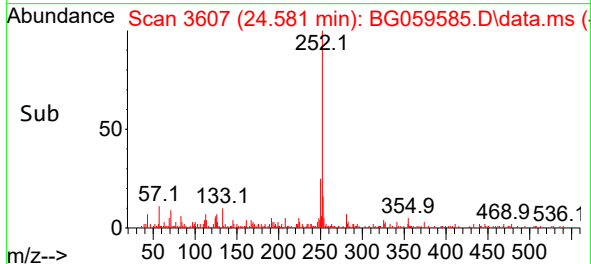
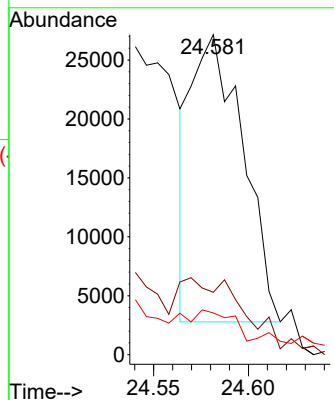
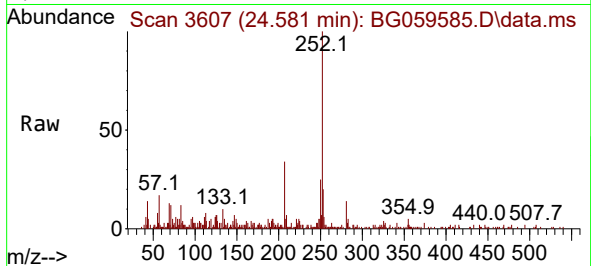




#91
Benzo(k)fluoranthene
Concen: 1.037 ng/ul
RT: 24.581 min Scan# 3607
Delta R.T. -0.020 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

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EOAT8

Tgt Ion:252 Resp: 46203
Ion Ratio Lower Upper
252 100
253 19.5 17.9 26.9
125 13.0 7.9 11.9#



#93
Benzo(a)pyrene
Concen: 1.307 ng/ul
RT: 25.504 min Scan# 3764
Delta R.T. -0.014 min
Lab File: BG059585.D
Acq: 1 Nov 2023 20:05

Tgt Ion:252 Resp: 55076
Ion Ratio Lower Upper
252 100
253 15.1 18.5 27.7#
125 9.4 7.6 11.4

