

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022823\
 Data File : BG056757.D
 Acq On : 28 Feb 2023 16:21
 Operator : CG/JU
 Sample : 01648-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBZT7

Quant Time: Mar 01 00:01:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 28 23:55:08 2023
 Response via : Initial Calibration

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

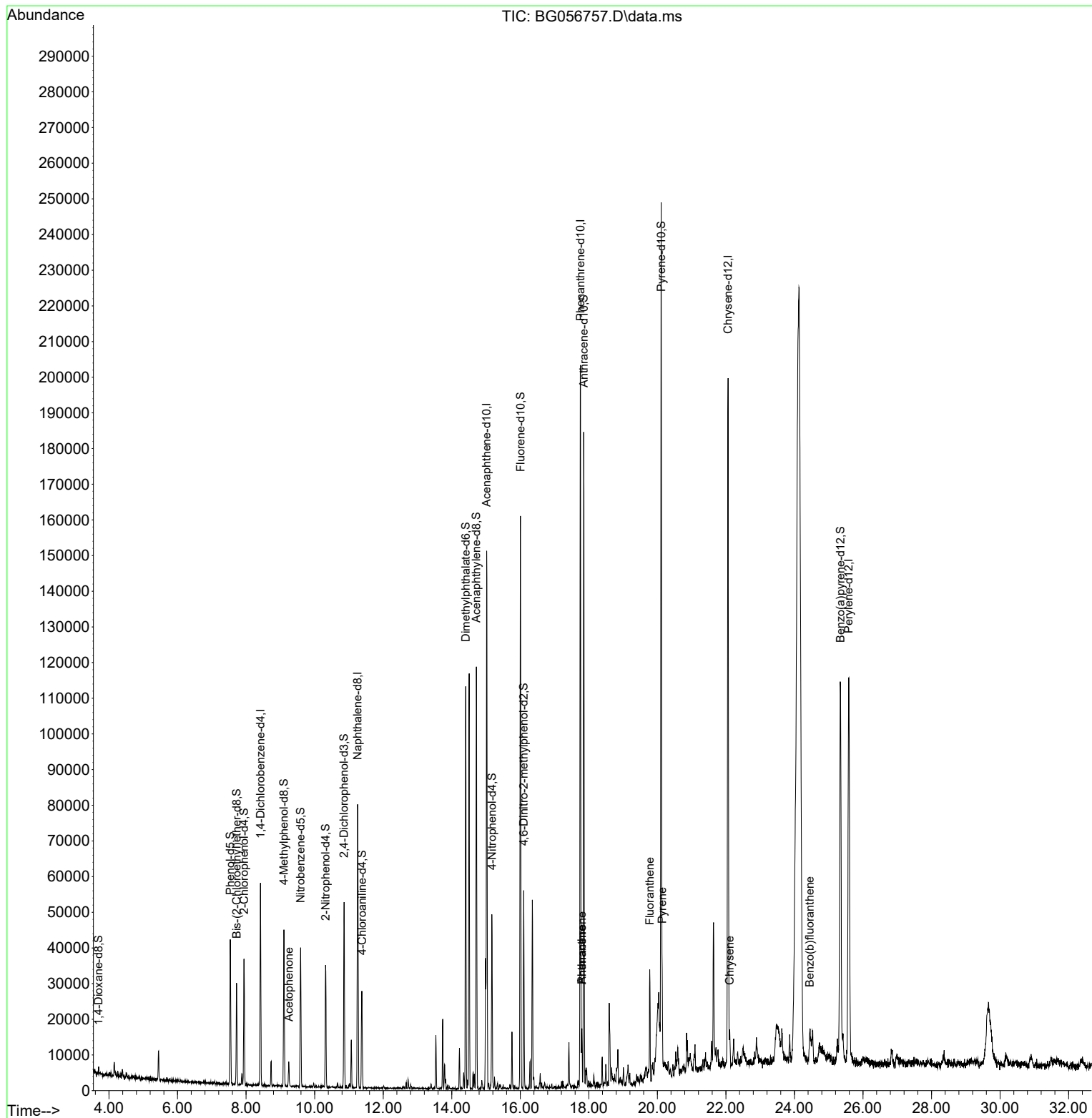
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.421	152	15508	20.000	ng/u1	0.00
20) Naphthalene-d8	11.253	136	65421	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	15.019	164	52004	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.757	188	135824	20.000	ng/u1	0.00
79) Chrysene-d12	22.063	240	125620	20.000	ng/u1	0.00
88) Perylene-d12	25.583	264	132941	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.691	96	1030	3.684	ng/uL	0.00
4) Pyridine-d5	4.126	84	60	0.053	ng/u1	-0.01
7) Phenol-d5	7.539	99	22455	14.470	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	13672	14.443	ng/u1	0.00
11) 2-Chlorophenol-d4	7.939	132	15752	15.285	ng/u1	0.00
15) 4-Methylphenol-d8	9.102	113	15710	13.249	ng/u1	0.00
21) Nitrobenzene-d5	9.590	128	8511	15.524	ng/u1	0.00
24) 2-Nitrophenol-d4	10.318	143	10611	16.259	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.859	165	18649	15.168	ng/u1	0.00
31) 4-Chloroaniline-d4	11.382	131	15164	9.456	ng/u1	0.00
46) Dimethylphthalate-d6	14.408	166	72973	17.392	ng/u1	0.00
49) Acenaphthylene-d8	14.719	160	78690	16.501	ng/u1	0.00
54) 4-Nitrophenol-d4	15.171	143	10339	14.292	ng/u1	0.00
60) Fluorene-d10	16.006	176	65439	16.860	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.100	200	13450	14.801	ng/u1	0.00
73) Anthracene-d10	17.851	188	110616	16.787	ng/u1	0.00
81) Pyrene-d10	20.113	212	137901	16.223	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.342	264	127940	17.830	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	9.249	105	3897	1.919	ng/u1#	87
72) Phenanthrene	17.798	178	11578	1.574	ng/u1	98
74) Anthracene	17.798	178	11578	1.557	ng/u1	97
80) Fluoranthene	19.778	202	21616	2.103	ng/u1#	97
82) Pyrene	20.142	202	16662	1.646	ng/u1	99
87) Chrysene	22.110	228	9379	1.101	ng/u1	95
90) Benzo(b)fluoranthene	24.449	252	9368	1.053	ng/u1#	93

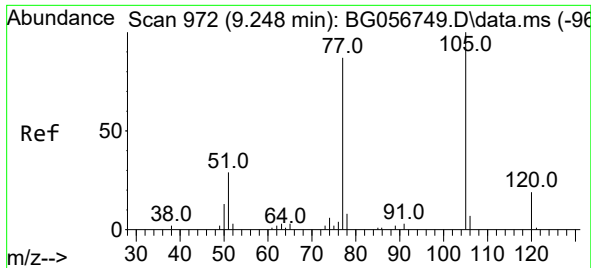
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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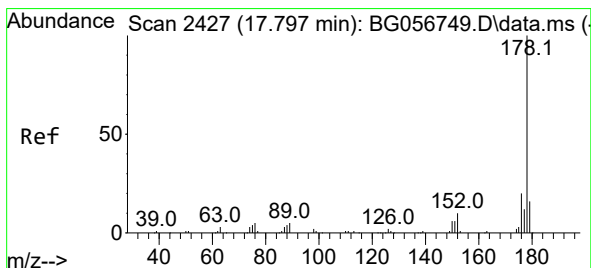
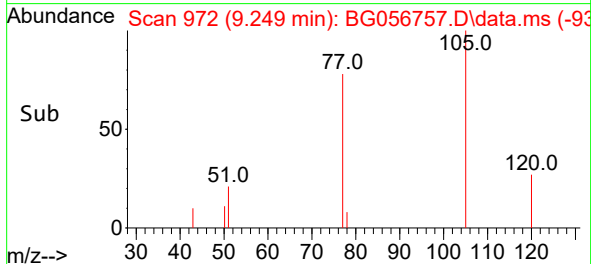
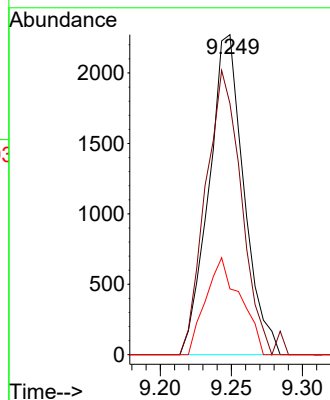
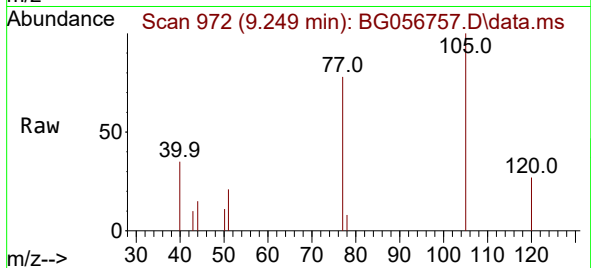




#16
Acetophenone
Concen: 1.919 ng/ul
RT: 9.249 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056757.D
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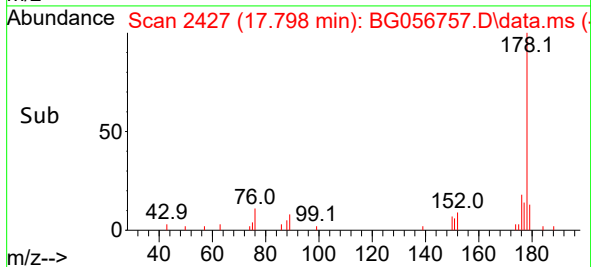
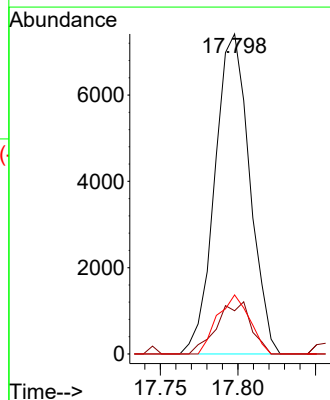
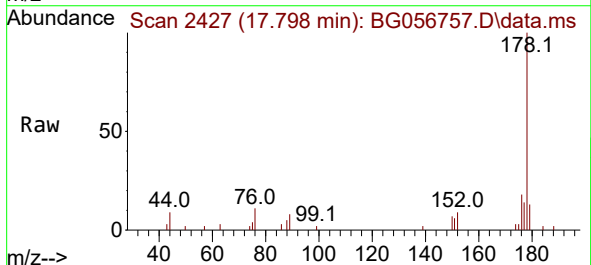
Instrument :
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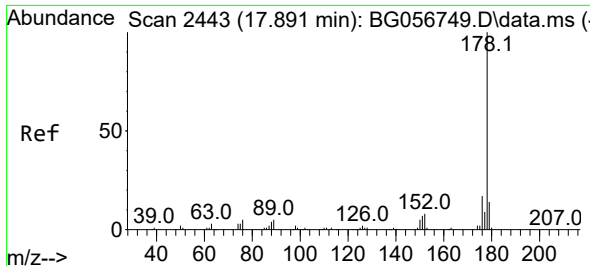
Tgt Ion:105 Resp: 3897
Ion Ratio Lower Upper
105 100
77 78.4 71.4 107.0
51 20.6 23.6 35.4#



#72
Phenanthrene
Concen: 1.574 ng/ul
RT: 17.798 min Scan# 2427
Delta R.T. 0.001 min
Lab File: BG056757.D
Acq: 28 Feb 2023 16:21

Tgt Ion:178 Resp: 11578
Ion Ratio Lower Upper
178 100
179 13.5 12.1 18.1
176 18.4 14.4 21.6

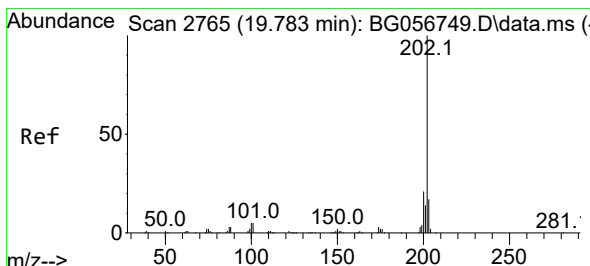
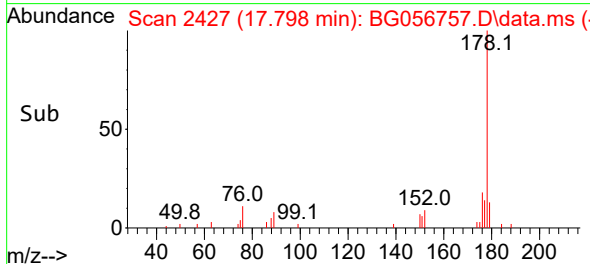
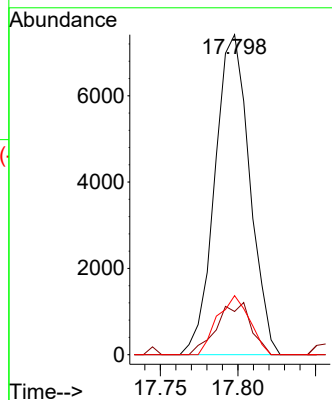
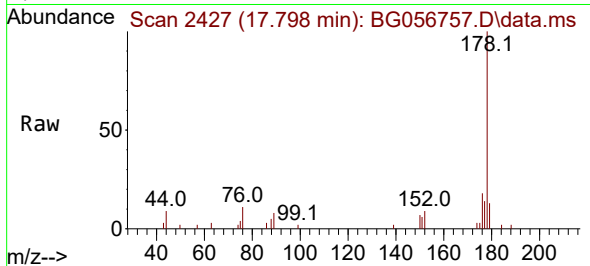




#74
 Anthracene
 Concen: 1.557 ng/ul
 RT: 17.798 min Scan# 2443
 Delta R.T. -0.093 min
 Lab File: BG056757.D
 Acq: 28 Feb 2023 16:21

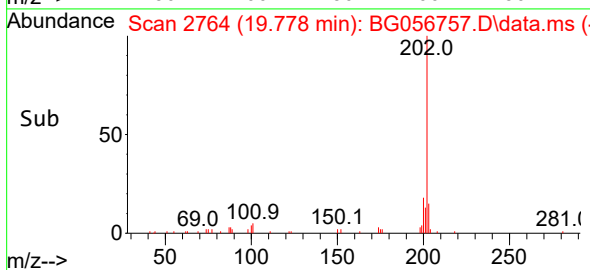
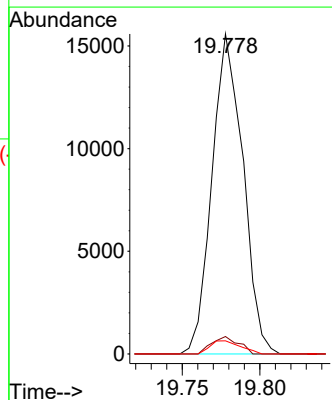
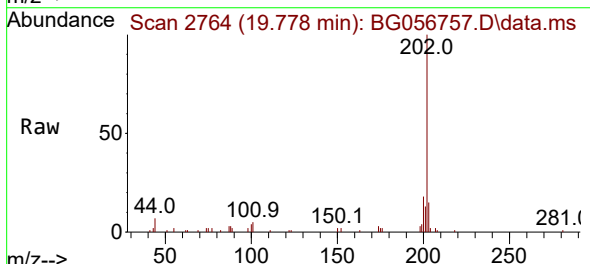
Instrument :
 BNA_G
 ClientSampleId :
 DBZT7

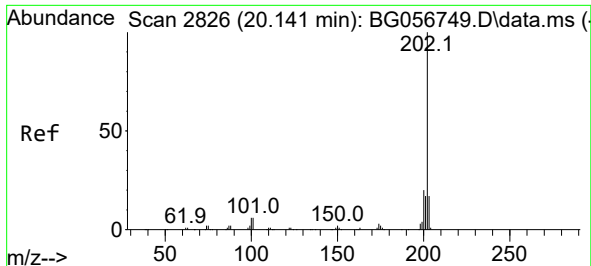
Tgt Ion:178 Resp: 11578
 Ion Ratio Lower Upper
 178 100
 179 13.5 12.1 18.1
 176 18.4 14.1 21.1



#80
 Fluoranthene
 Concen: 2.103 ng/ul
 RT: 19.778 min Scan# 2764
 Delta R.T. -0.005 min
 Lab File: BG056757.D
 Acq: 28 Feb 2023 16:21

Tgt Ion:202 Resp: 21616
 Ion Ratio Lower Upper
 202 100
 101 5.4 4.7 7.1
 100 4.1 4.4 6.6#

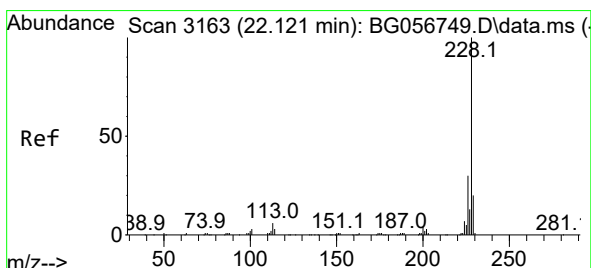
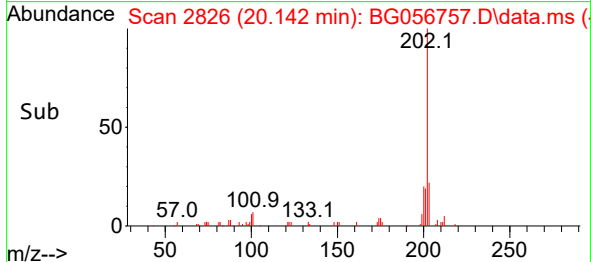
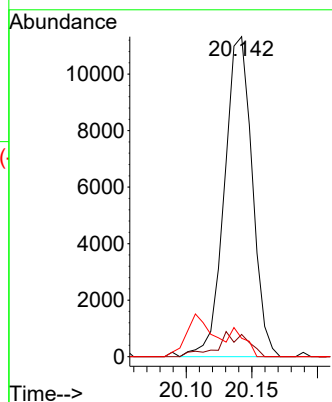
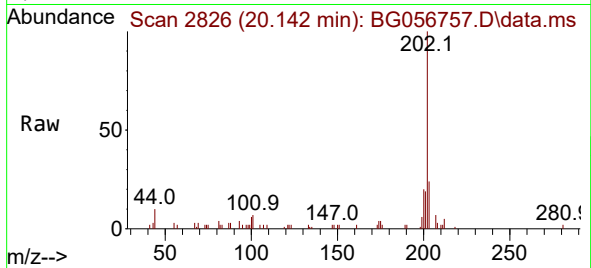




#82
 Pyrene
 Concen: 1.646 ng/ul
 RT: 20.142 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056757.D
 Acq: 28 Feb 2023 16:21

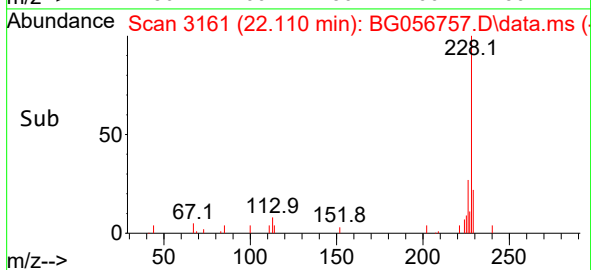
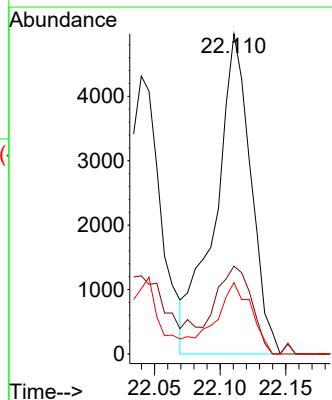
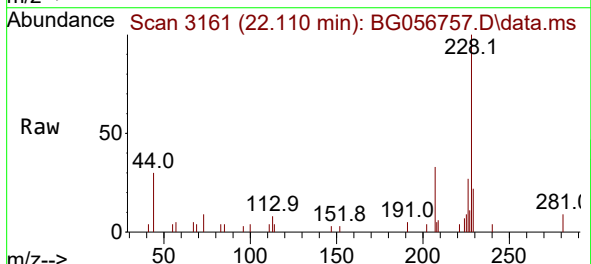
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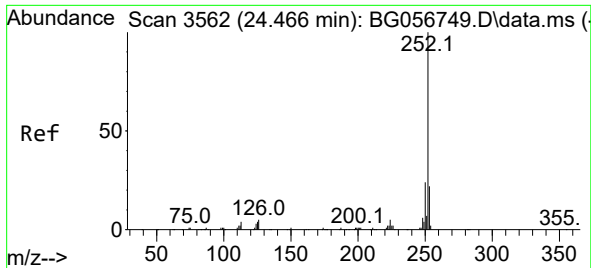
Tgt Ion:202 Resp: 16662
 Ion Ratio Lower Upper
 202 100
 101 7.0 5.3 7.9
 100 5.7 4.6 7.0



#87
 Chrysene
 Concen: 1.101 ng/ul
 RT: 22.110 min Scan# 3161
 Delta R.T. -0.011 min
 Lab File: BG056757.D
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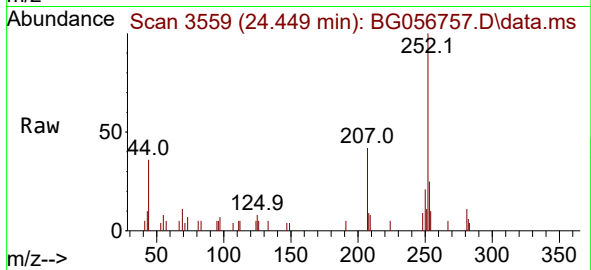
Tgt Ion:228 Resp: 9379
 Ion Ratio Lower Upper
 228 100
 226 27.4 23.6 35.4
 229 22.3 15.4 23.0





#90
Benzo(b)fluoranthene
Concen: 1.053 ng/ul
RT: 24.449 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG056757.D
Acq: 28 Feb 2023 16:21

Instrument :
BNA_G
ClientSampleId :
DBZT7



Tgt Ion:252 Resp: 9368
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.2
125 7.8 3.0 4.6#

