

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049679.D
 Acq On : 6 Aug 2021 17:05
 Operator : CG/JU
 Sample : M3124-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0090

Manual Integrations
 APPROVED

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Quant Time: Aug 06 17:45:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	27457	20.000	ng/ul	0.00
20) Naphthalene-d8	10.864	136	109865	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.694	164	76112	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.443	188	163018	20.000	ng/ul	0.00
79) Chrysene-d12	21.726	240	149681	20.000	ng/ul	# 0.00
88) Perylene-d12	25.004	264	153364	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	1397m	2.379	ng/uL	0.01
4) Pyridine-d5	3.868	84	5183	2.941	ng/ul	0.02
7) Phenol-d5	7.199	99	50197	20.144	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	31439	21.965	ng/ul	0.00
11) 2-Chlorophenol-d4	7.574	132	39217	21.989	ng/ul	0.00
15) 4-Methylphenol-d8	8.749	113	25851	13.606	ng/ul	0.00
21) Nitrobenzene-d5	9.213	128	20409	23.583	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	24228	24.514	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.482	165	38290	20.546	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	41204	16.151	ng/ul	0.00
46) Dimethylphthalate-d6	14.095	166	134957	22.595	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	153090	21.543	ng/ul	0.00
54) 4-Nitrophenol-d4	14.894	143	16575	17.163	ng/ul	0.00
60) Fluorene-d10	15.687	176	115184	22.435	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	21452	19.552	ng/ul	0.00
73) Anthracene-d10	17.543	188	172071	22.361	ng/ul	0.00
81) Pyrene-d10	19.828	212	164487	19.945	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.781	264	122691	14.600	ng/ul	0.00
Target Compounds						
72) Phenanthrene	17.490	178	13731	1.591	ng/ul	Qvalue 96
80) Fluoranthene	19.500	202	31193	3.065	ng/ul#	96
82) Pyrene	19.858	202	15293	1.506	ng/ul#	95
85) Benzo(a)anthracene	21.708	228	13980m	1.423	ng/ul	
87) Chrysene	21.773	228	14948	1.629	ng/ul	94
90) Benzo(b)fluoranthene	23.958	252	20834	2.078	ng/ul#	93

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

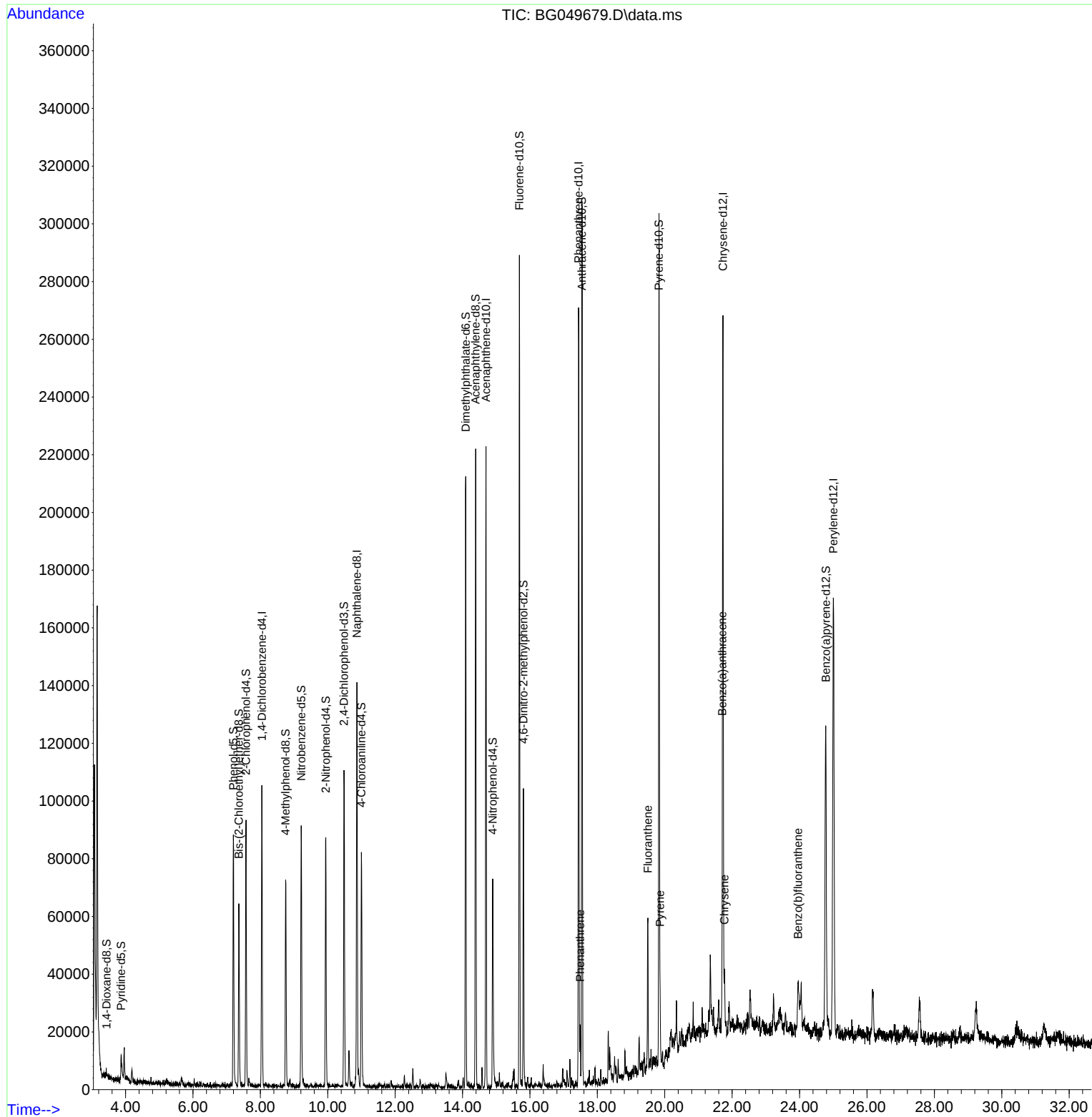
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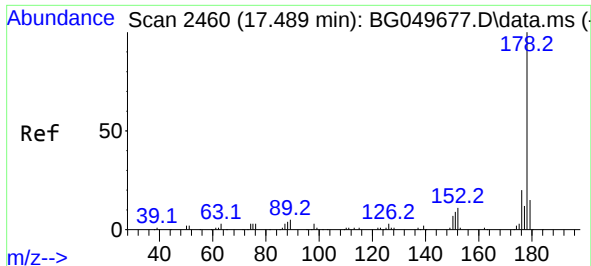
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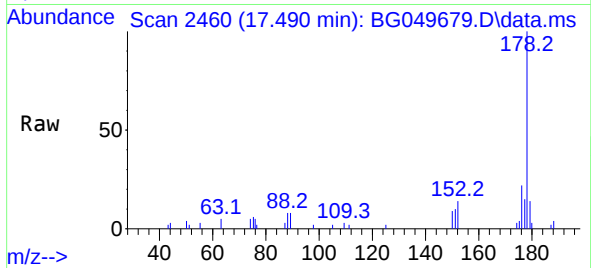
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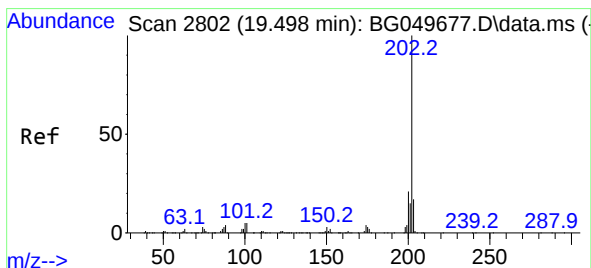
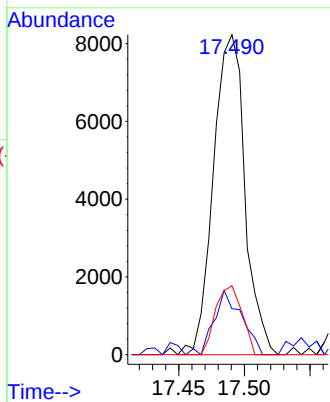
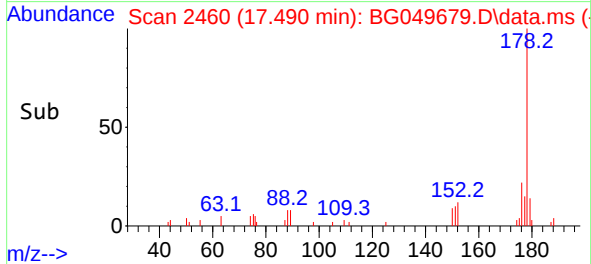




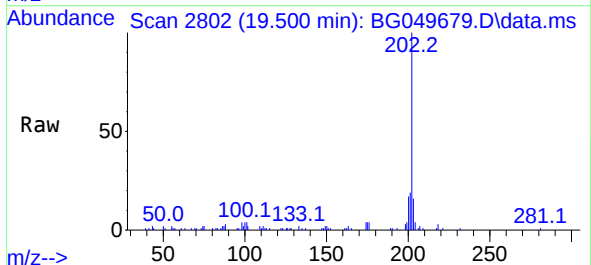
#72
Phenanthrene
Concen: 1.591 ng/ul
RT: 17.490 min Scan# 2460
Delta R.T. 0.001 min
Lab File: BG049679.D
Acq: 6 Aug 2021 17:05



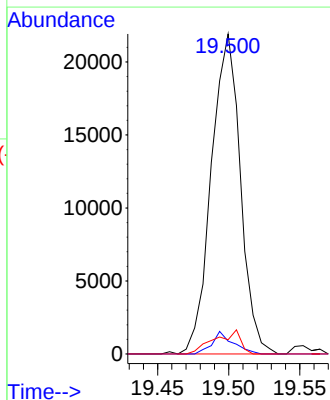
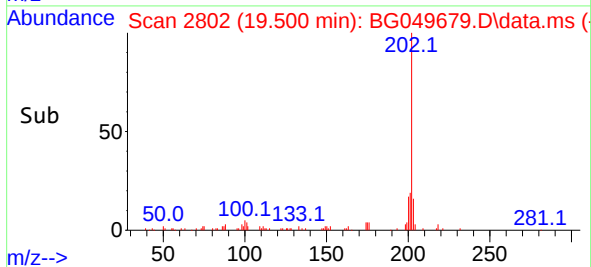
Tgt Ion:178 Resp: 13731
Ion Ratio Lower Upper
178 100
179 14.4 12.4 18.6
176 21.5 15.4 23.2



#80
Fluoranthene
Concen: 3.065 ng/ul
RT: 19.500 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BG049679.D
Acq: 6 Aug 2021 17:05



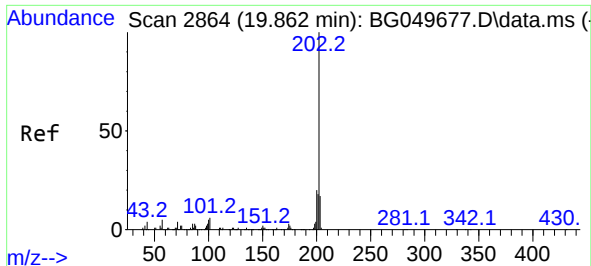
Tgt Ion:202 Resp: 31193
Ion Ratio Lower Upper
202 100
101 4.0 4.8 7.2#
100 4.5 3.9 5.9



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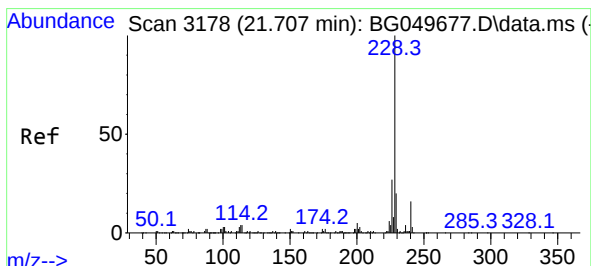
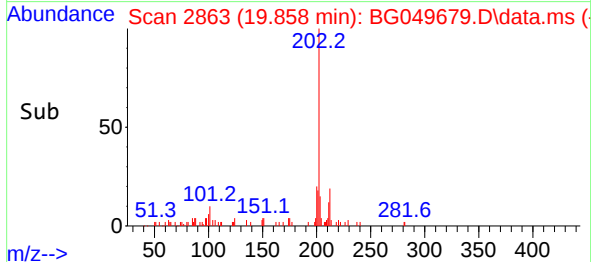
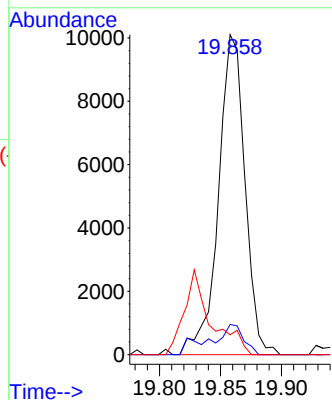
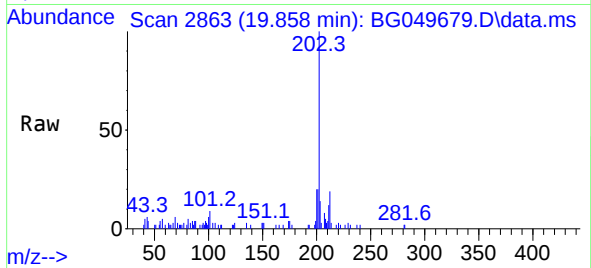
#82
Pyrene
Concen: 1.506 ng/ul
RT: 19.858 min Scan# 2863
Delta R.T. -0.004 min
Lab File: BG049679.D
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Tgt Ion:202 Resp: 15293
Ion Ratio Lower Upper
202 100
101 9.5 5.2 7.8#
100 6.2 4.8 7.2

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ClientSampled :
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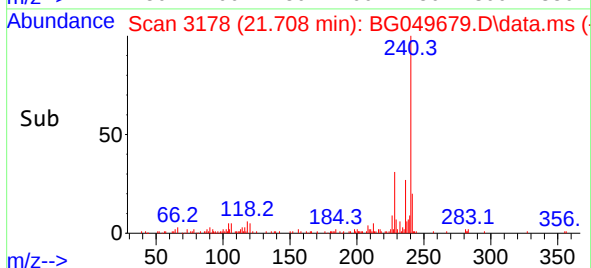
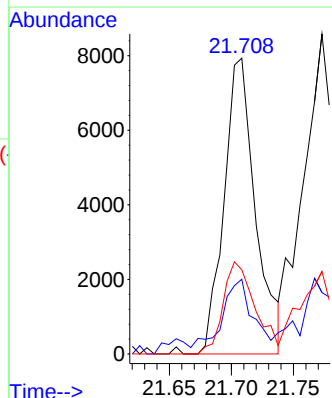
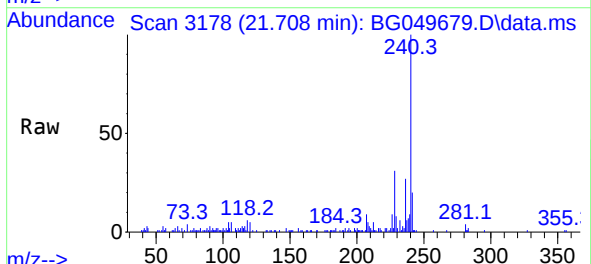
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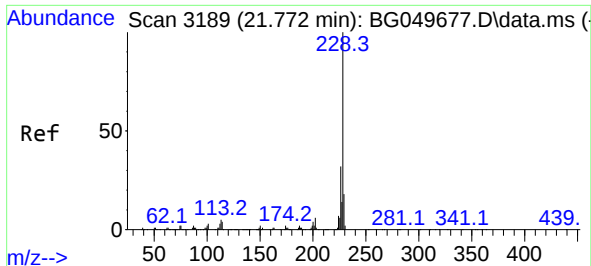
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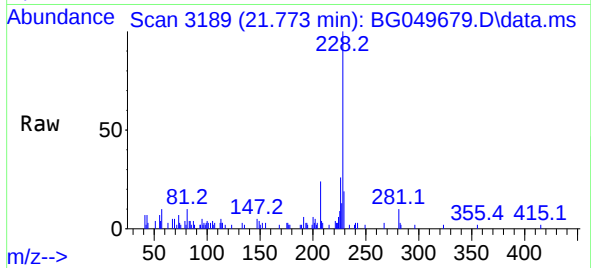
#85
Benzo(a)anthracene
Concen: 1.423 ng/ul m
RT: 21.708 min Scan# 3178
Delta R.T. 0.001 min
Lab File: BG049679.D
Acq: 6 Aug 2021 17:05

Tgt Ion:228 Resp: 13980
Ion Ratio Lower Upper
228 100
229 25.3 15.3 22.9#
226 28.5 21.0 31.6

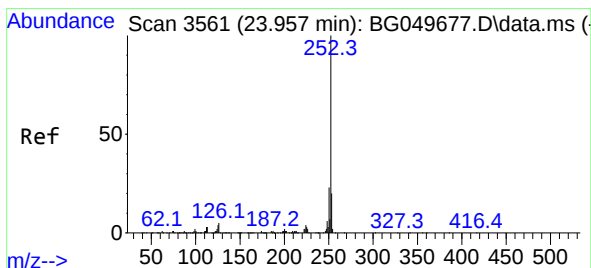
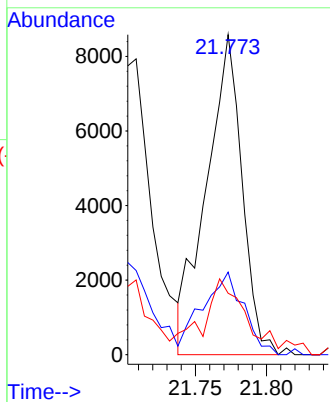
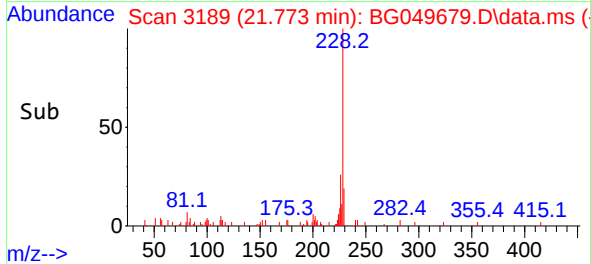




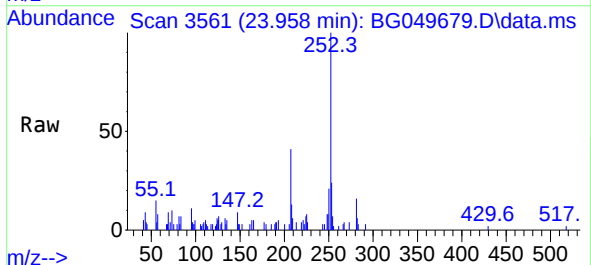
#87
Chrysene
Concen: 1.629 ng/ul
RT: 21.773 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BG049679.D
Acq: 6 Aug 2021 17:05



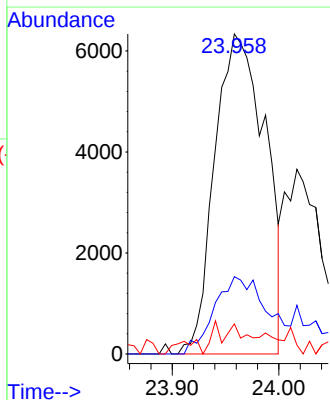
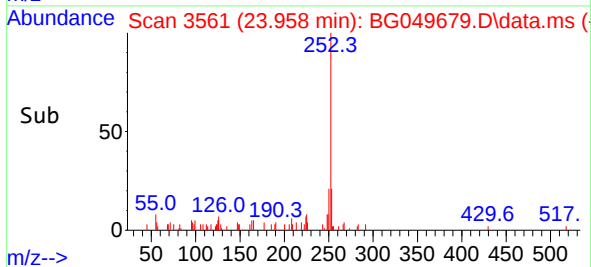
Tgt Ion:228 Resp: 14948
Ion Ratio Lower Upper
228 100
226 25.8 24.7 37.1
229 19.2 15.4 23.2



#90
Benzo(b)fluoranthene
Concen: 2.078 ng/ul
RT: 23.958 min Scan# 3561
Delta R.T. 0.001 min
Lab File: BG049679.D
Acq: 6 Aug 2021 17:05



Tgt Ion:252 Resp: 20834
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 9.4 3.7 5.5#



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