

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048388.D
 Acq On : 01 Nov 2024 10:45
 Operator : RC/JU
 Sample : P4530-12DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H39DL

Quant Time: Nov 03 21:48:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

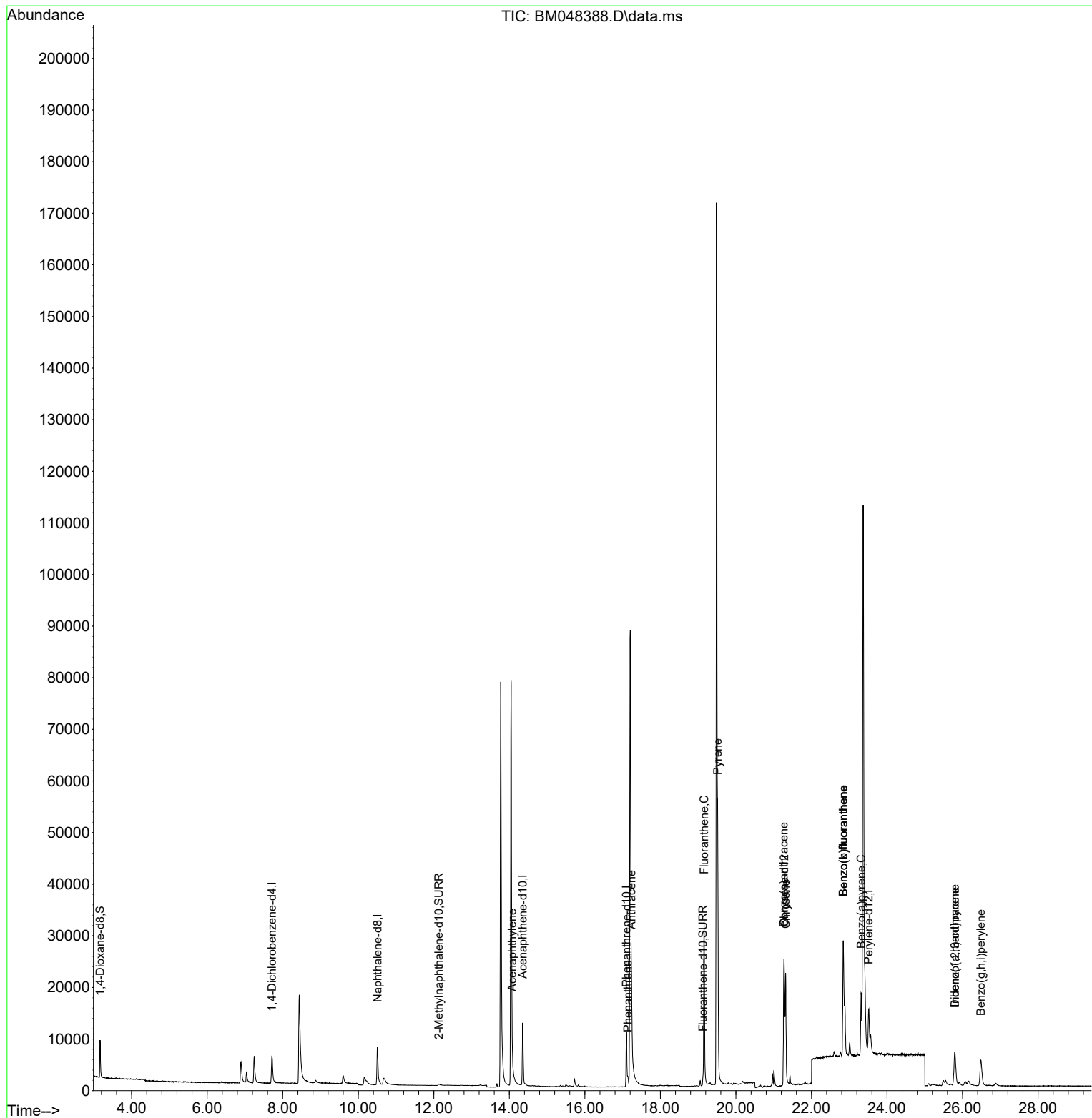
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	4370	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.508	136	13721	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.354	164	8078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	15519	0.400	ng/ul	-0.02
17) Chrysene-d12	21.280	240	13718	0.400	ng/ul	-0.01
23) Perylene-d12	23.516	264	14884	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	4368	0.814	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.135	152	849	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.128	212	2119	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.076	152	1995	0.064	ng/ul#	88
15) Phenanthrene	17.141	178	1560	0.040	ng/ul#	82
16) Anthracene	17.234	178	9608	0.266	ng/ul	98
19) Fluoranthene	19.155	202	33281	0.704	ng/ul	99
20) Pyrene	19.518	202	44851	0.884	ng/ul	98
21) Benzo(a)anthracene	21.265	228	24184	0.589	ng/ul	97
22) Chrysene	21.315	228	23456	0.415	ng/ul	98
24) Benzo(b)fluoranthene	22.841	252	50135	0.986	ng/ul	93
25) Benzo(k)fluoranthene	22.841	252	50135	0.832	ng/ul#	93
26) Benzo(a)pyrene	23.314	252	17691	0.370	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.796	276	13179	0.197	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.799	278	3112	0.060	ng/ul#	68
29) Benzo(g,h,i)perylene	26.483	276	12652	0.225	ng/ul	99

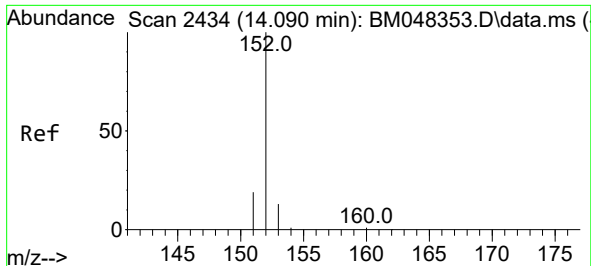
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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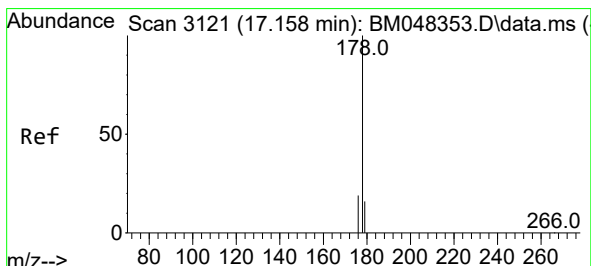
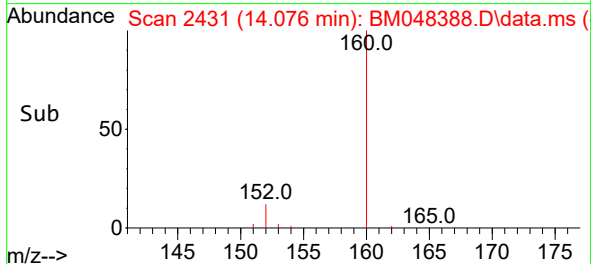
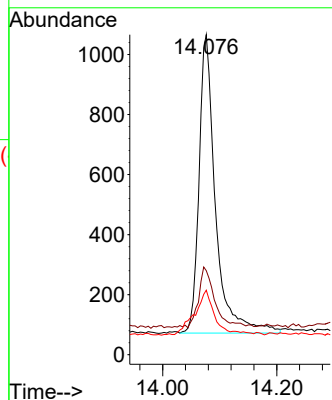
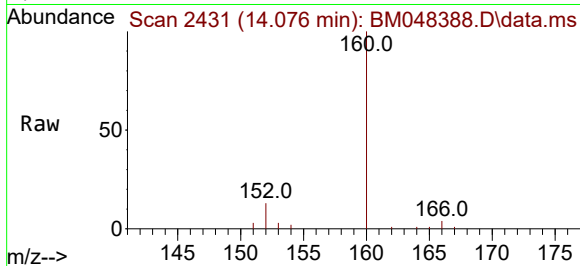




#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.076 min Scan# 2434
Delta R.T. -0.014 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

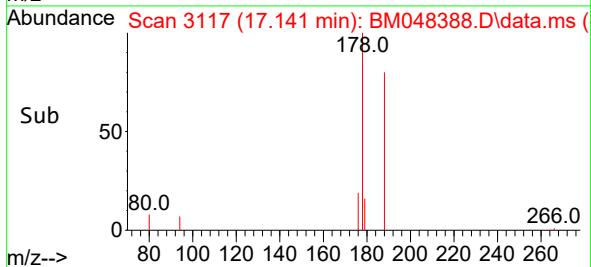
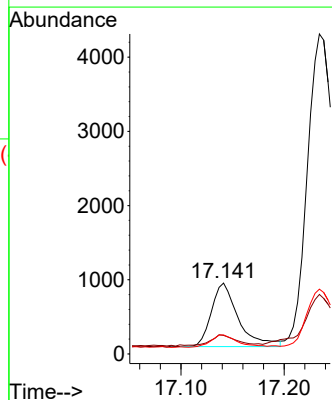
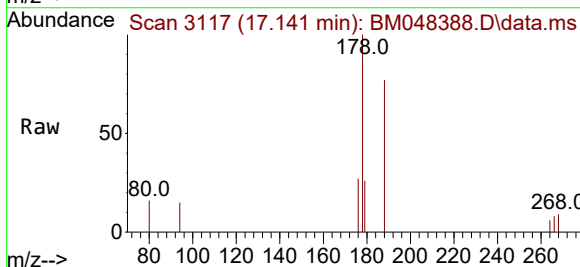
Instrument :
BNA_M
ClientSampleId :
F7H39DL

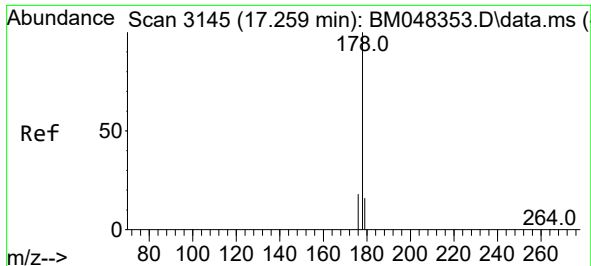
Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.3	16.6	24.8#
153	20.2	11.8	17.6#



#15
Phenanthrene
Concen: 0.040 ng/ul
RT: 17.141 min Scan# 3117
Delta R.T. -0.017 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.2	13.9	20.9#
176	27.0	16.0	24.0#

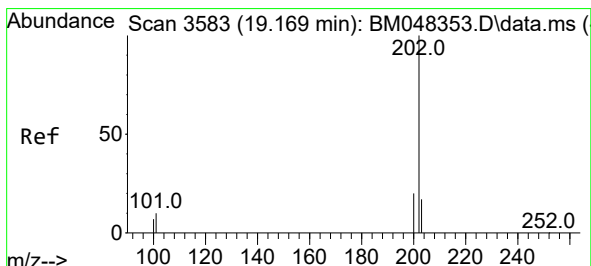
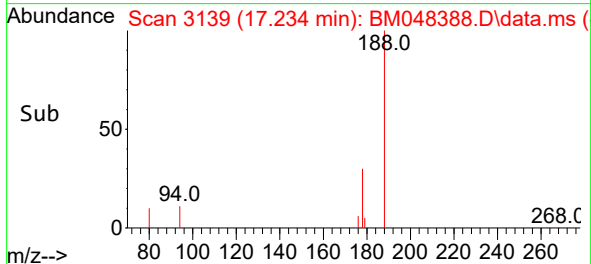
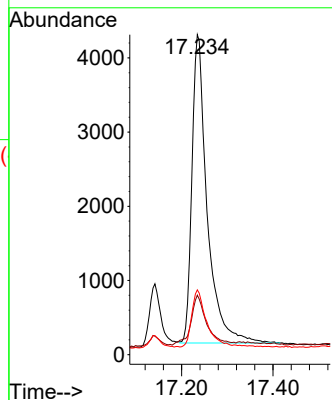
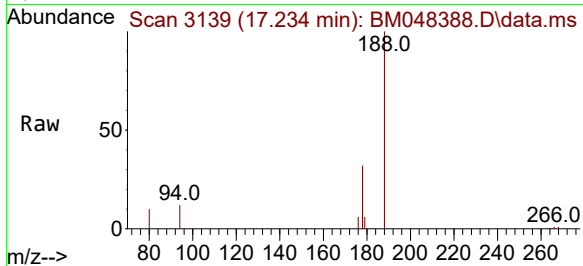




#16
 Anthracene
 Concen: 0.266 ng/ul
 RT: 17.234 min Scan# 3145
 Delta R.T. -0.025 min
 Lab File: BM048388.D
 Acq: 01 Nov 2024 10:45

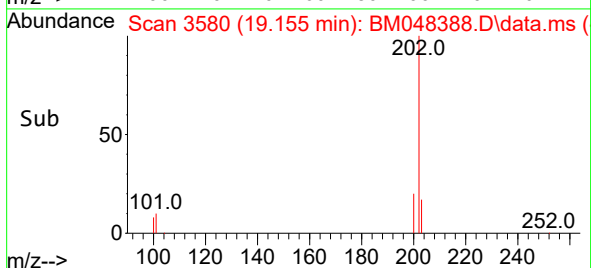
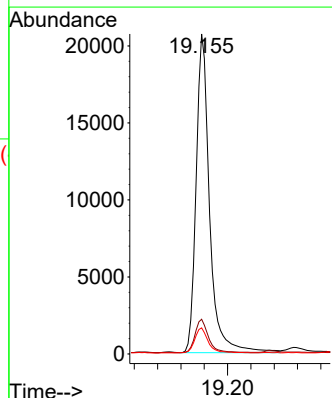
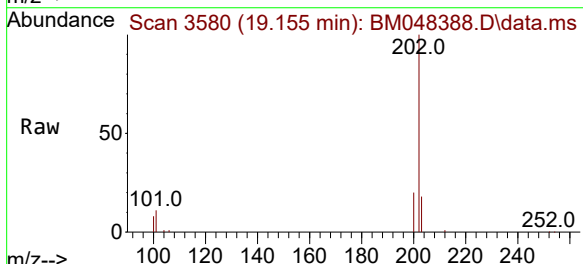
Instrument :
 BNA_M
 ClientSampleId :
 F7H39DL

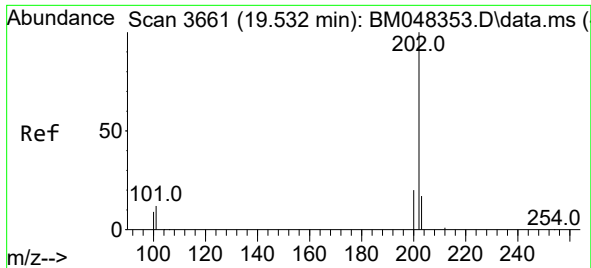
Tgt Ion:178 Resp: 9608
 Ion Ratio Lower Upper
 178 100
 179 18.6 14.2 21.2
 176 20.2 15.8 23.6



#19
 Fluoranthene
 Concen: 0.704 ng/ul
 RT: 19.155 min Scan# 3580
 Delta R.T. -0.014 min
 Lab File: BM048388.D
 Acq: 01 Nov 2024 10:45

Tgt Ion:202 Resp: 33281
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.0 13.4
 100 8.2 6.6 10.0

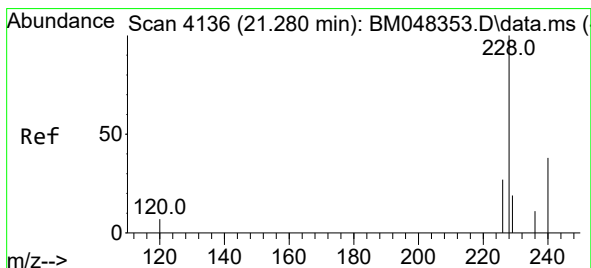
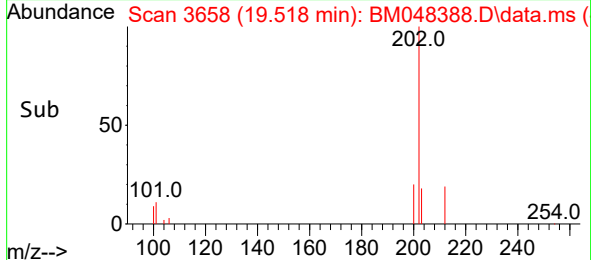
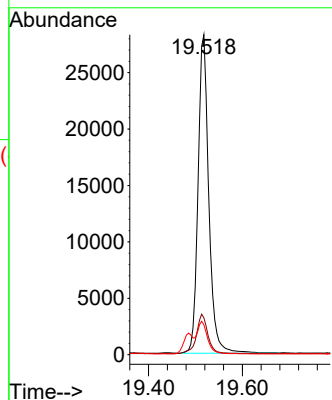
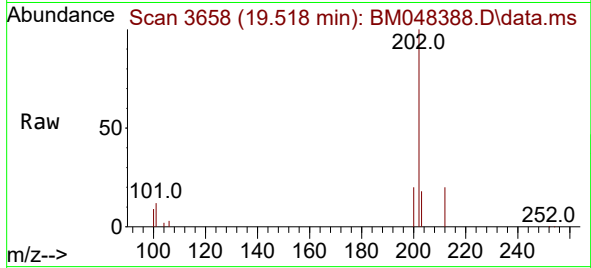




#20
Pyrene
Concen: 0.884 ng/ul
RT: 19.518 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

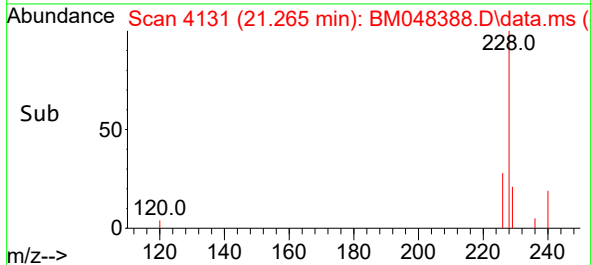
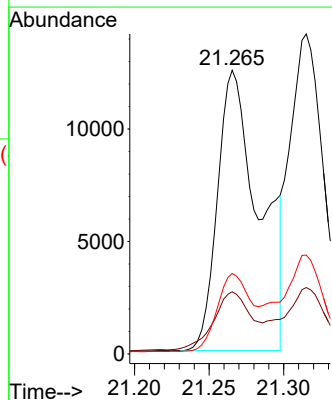
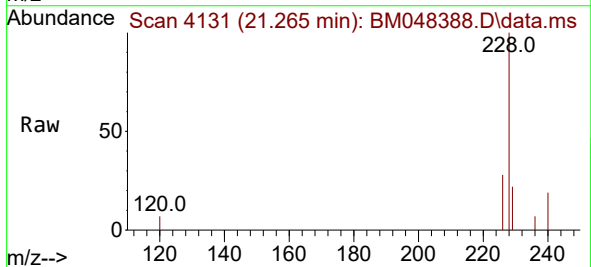
Instrument :
BNA_M
ClientSampleId :
F7H39DL

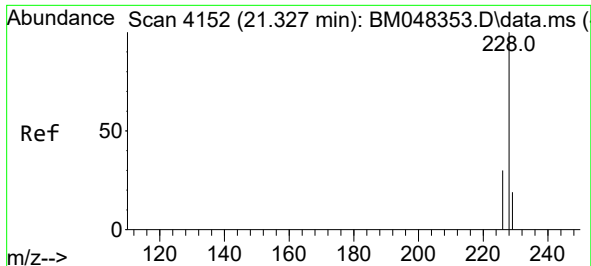
Tgt Ion:202 Resp: 44851
Ion Ratio Lower Upper
202 100
101 11.5 10.0 15.0
100 9.3 8.0 12.0



#21
Benzo(a)anthracene
Concen: 0.589 ng/ul
RT: 21.265 min Scan# 4131
Delta R.T. -0.015 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

Tgt Ion:228 Resp: 24184
Ion Ratio Lower Upper
228 100
229 22.0 15.9 23.9
226 28.4 22.1 33.1





#22

Chrysene

Concen: 0.415 ng/ul

RT: 21.315 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM048388.D

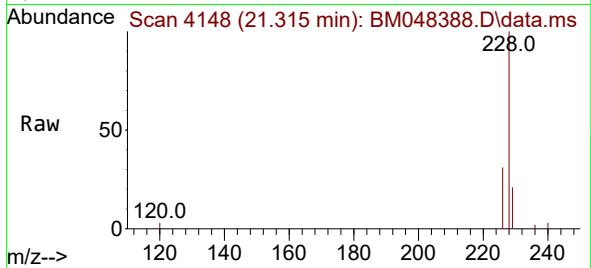
Acq: 01 Nov 2024 10:45

Instrument :

BNA_M

ClientSampleId :

F7H39DL



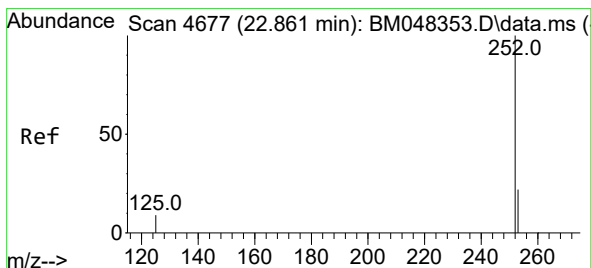
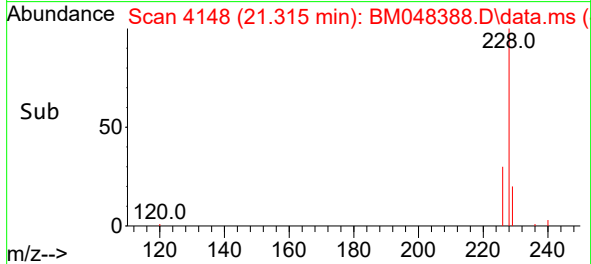
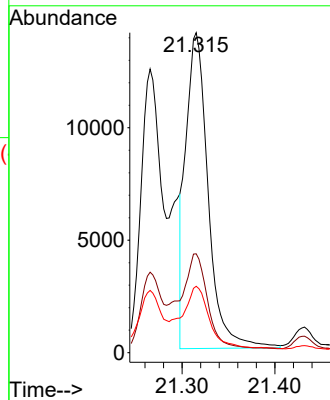
Tgt Ion:228 Resp: 23456

Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

229 20.8 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 0.986 ng/ul

RT: 22.841 min Scan# 4670

Delta R.T. -0.020 min

Lab File: BM048388.D

Acq: 01 Nov 2024 10:45

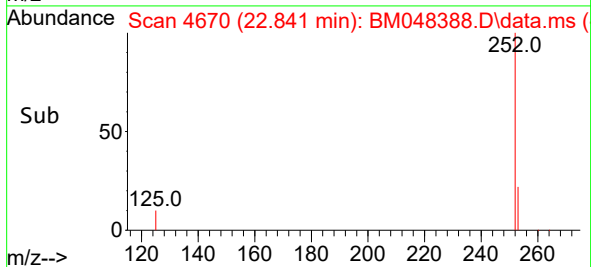
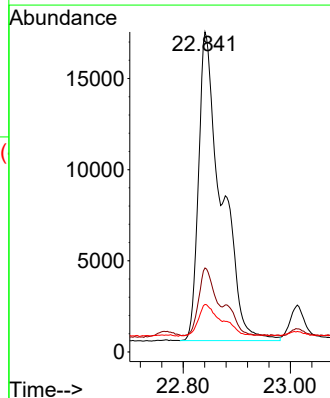
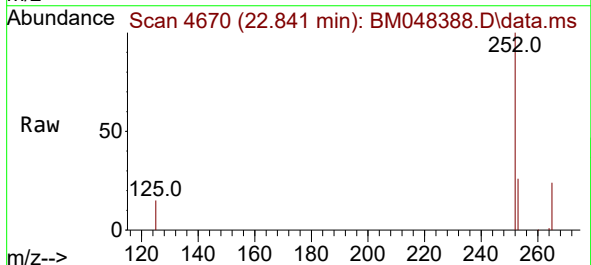
Tgt Ion:252 Resp: 50135

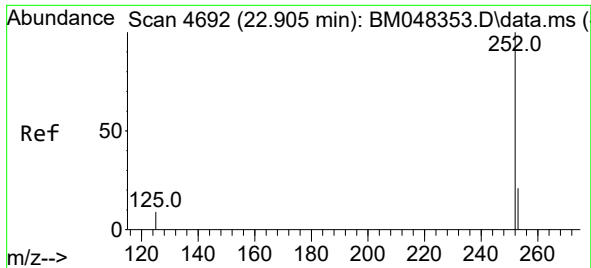
Ion Ratio Lower Upper

252 100

253 26.3 0.0 59.4

125 14.9 0.0 38.0

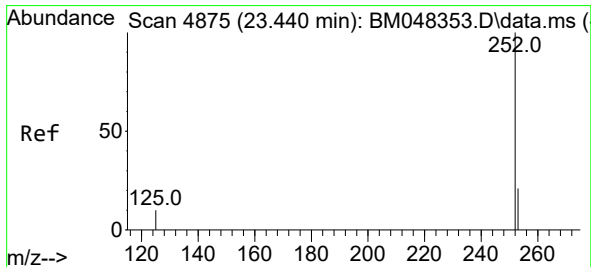
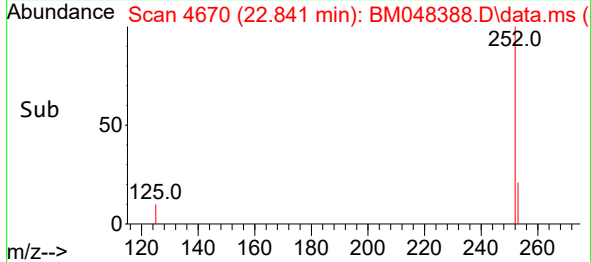
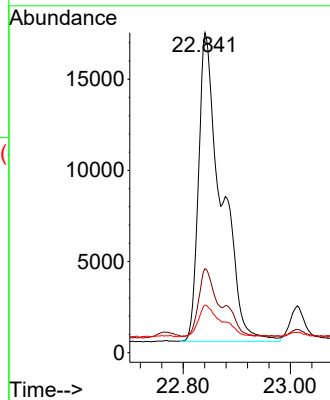
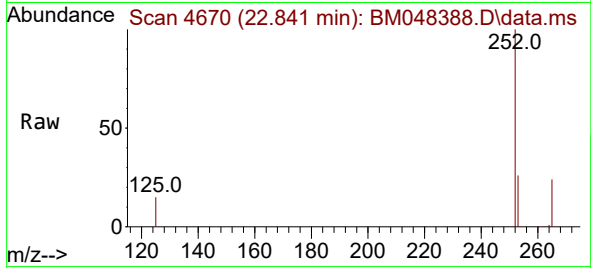




#25
Benzo(k)fluoranthene
Concen: 0.832 ng/ul
RT: 22.841 min Scan# 4670
Delta R.T. -0.064 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

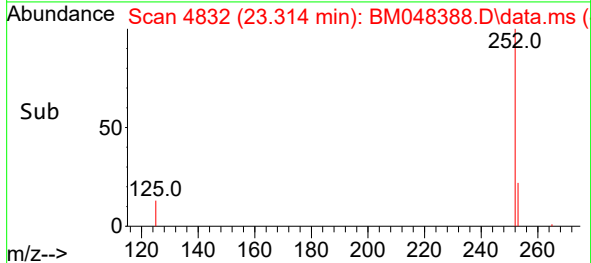
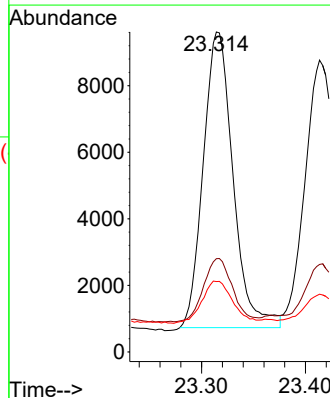
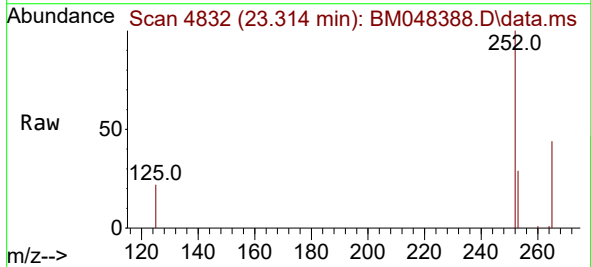
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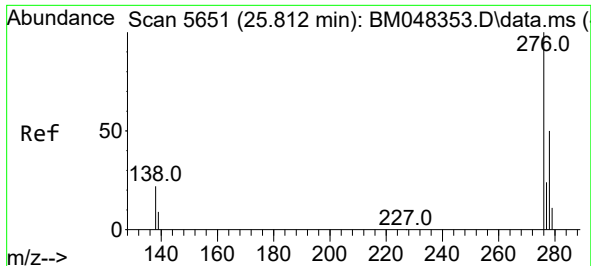
Tgt Ion:252 Resp: 50135
Ion Ratio Lower Upper
252 100
253 26.3 23.4 35.0
125 14.9 15.3 22.9#



#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.314 min Scan# 4832
Delta R.T. -0.126 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

Tgt Ion:252 Resp: 17691
Ion Ratio Lower Upper
252 100
253 29.1 27.7 41.5
125 22.0 21.1 31.7

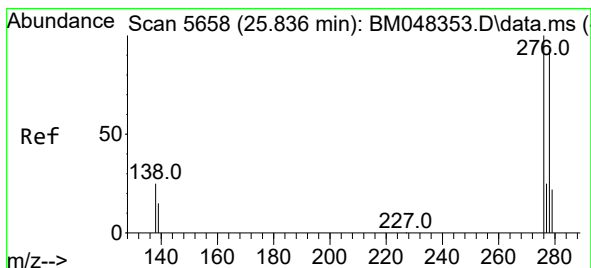
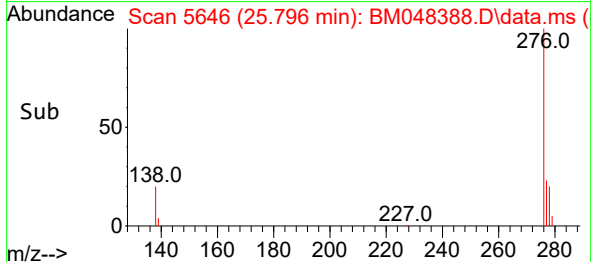
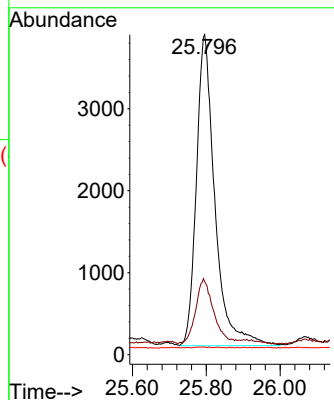
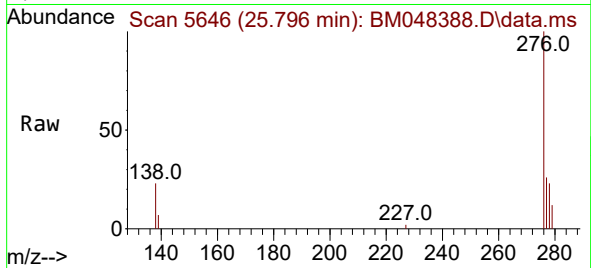




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 25.796 min Scan# 5646
Delta R.T. -0.017 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

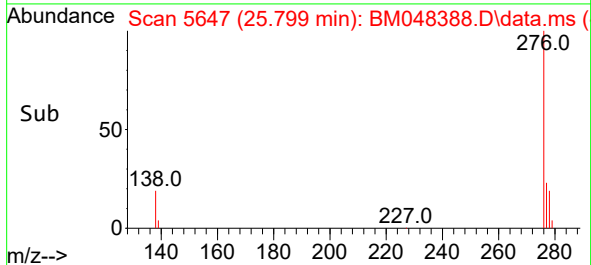
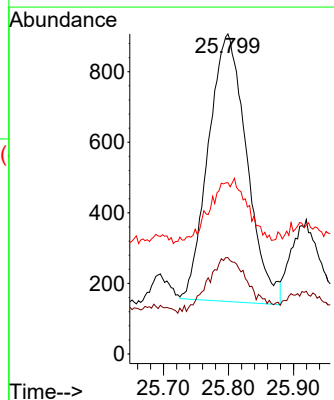
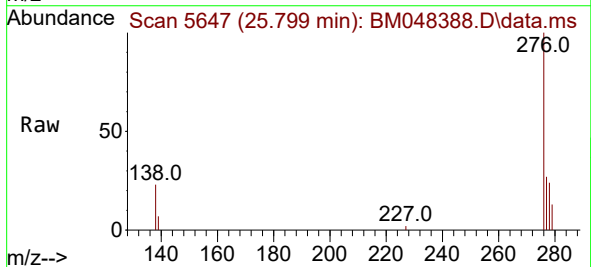
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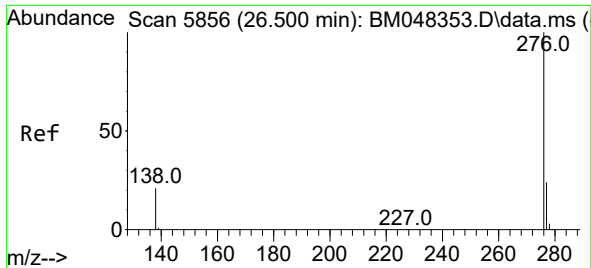
Tgt Ion:276 Resp: 13179
Ion Ratio Lower Upper
276 100
138 21.5 19.6 29.4
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.799 min Scan# 5647
Delta R.T. -0.037 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

Tgt Ion:278 Resp: 3112
Ion Ratio Lower Upper
278 100
139 30.1 15.6 23.4#
279 53.6 26.4 39.6#





#29
Benzo(g,h,i)perylene
Concen: 0.225 ng/ul
RT: 26.483 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM048388.D
Acq: 01 Nov 2024 10:45

Instrument :
BNA_M
ClientSampleId :
F7H39DL

Tgt Ion:276 Resp: 12652
Ion Ratio Lower Upper
276 100
138 24.0 19.0 28.6
277 26.7 20.6 31.0

