

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048364.D
 Acq On : 31 Oct 2024 19:01
 Operator : RC/JU
 Sample : P4530-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H31

Quant Time: Nov 03 07:03:34 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)

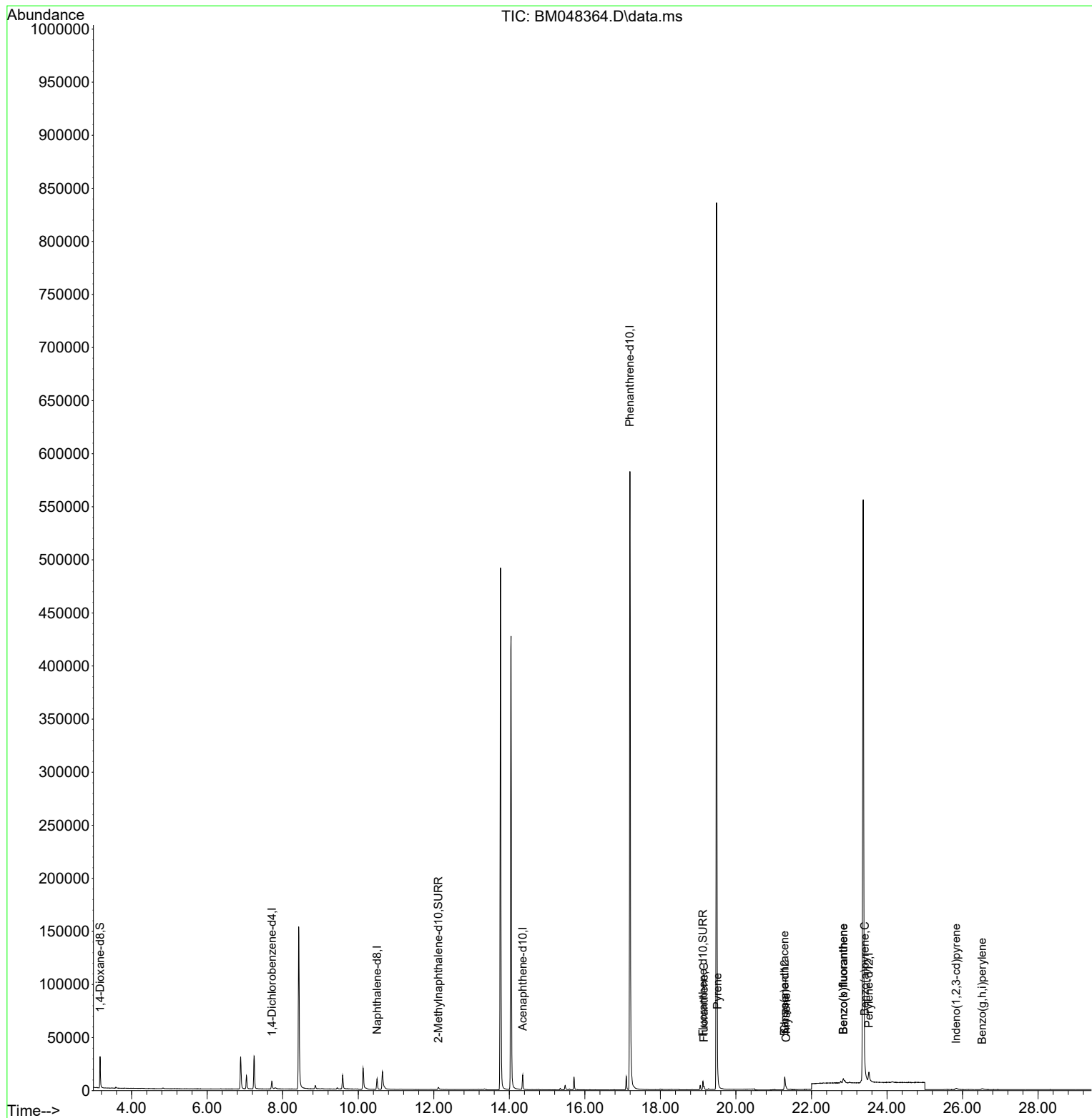
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	4556	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.497	136	14390	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.354	164	7803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	756487	0.400	ng/ul	0.07
17) Chrysene-d12	21.292	240	10092	0.400	ng/ul	0.00
23) Perylene-d12	23.519	264	18093	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	17105	3.057	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152	4073	0.222	ng/ul	-0.02
18) Fluoranthene-d10	19.128	212	9703	0.379	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Fluoranthene	19.155	202	2550	0.073	ng/ul#	82
20) Pyrene	19.513	202	5203	0.139	ng/ul#	81
21) Benzo(a)anthracene	21.283	228	3012	0.100	ng/ul#	86
22) Chrysene	21.327	228	2449	0.059	ng/ul#	92
24) Benzo(b)fluoranthene	22.843	252	9693	0.157	ng/ul	71
25) Benzo(k)fluoranthene	22.843	252	9693	0.132	ng/ul#	71
26) Benzo(a)pyrene	23.414	252	3053	0.053	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	25.832	276	2800	0.034	ng/ul#	100
29) Benzo(g,h,i)perylene	26.517	276	2712	0.040	ng/ul#	71

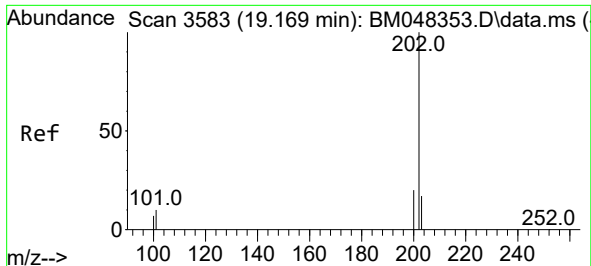
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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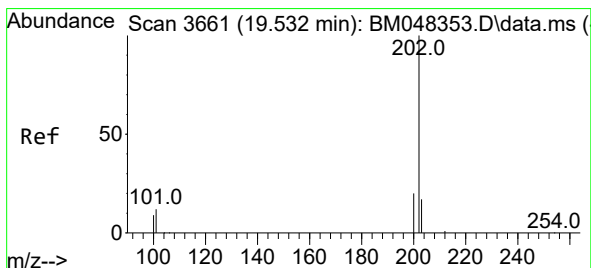
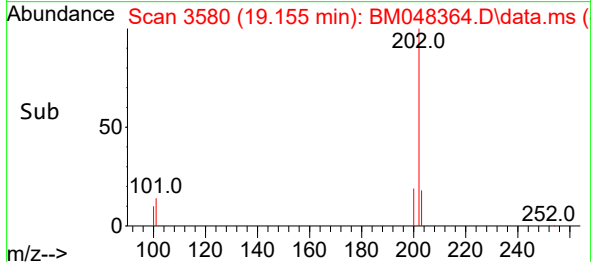
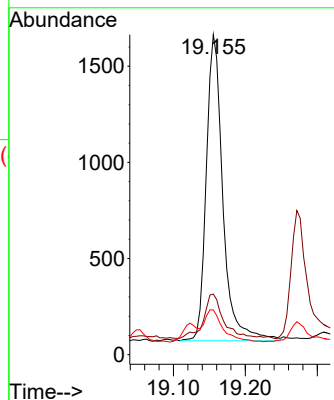
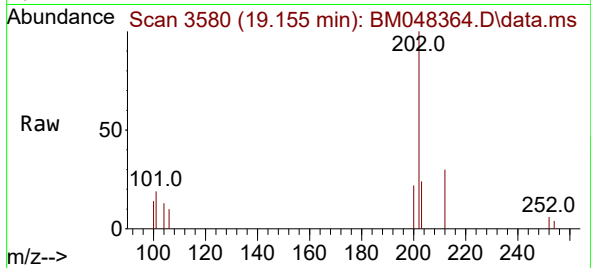




#19
Fluoranthene
Concen: 0.073 ng/ul
RT: 19.155 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

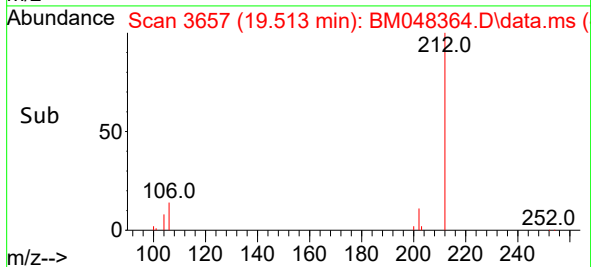
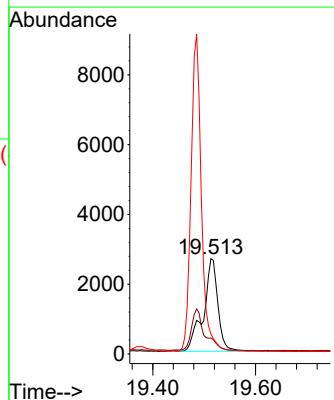
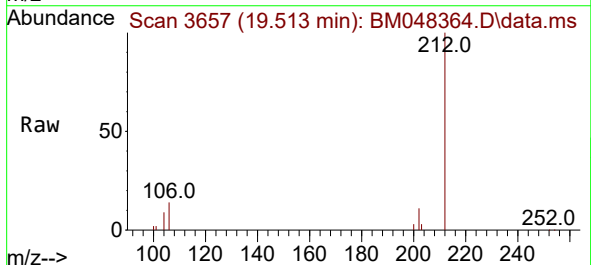
Instrument :
BNA_M
ClientSampleId :
F7H31

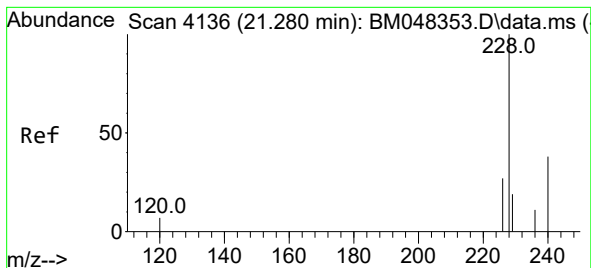
Tgt Ion:202 Resp: 2550
Ion Ratio Lower Upper
202 100
101 18.9 9.0 13.4#
100 14.0 6.6 10.0#



#20
Pyrene
Concen: 0.139 ng/ul
RT: 19.513 min Scan# 3657
Delta R.T. -0.019 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

Tgt Ion:202 Resp: 5203
Ion Ratio Lower Upper
202 100
101 16.8 10.0 15.0#
100 21.0 8.0 12.0#





#21

Benzo(a)anthracene

Concen: 0.100 ng/ul

RT: 21.283 min Scan# 4136

Delta R.T. 0.003 min

Lab File: BM048364.D

Acq: 31 Oct 2024 19:01

Instrument :

BNA_M

ClientSampleId :

F7H31

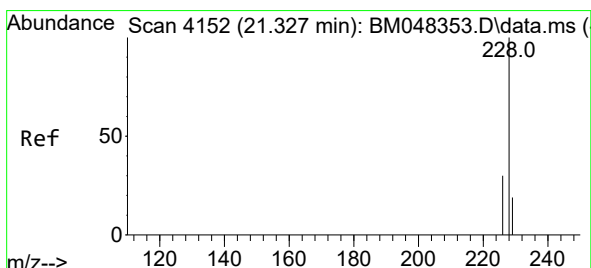
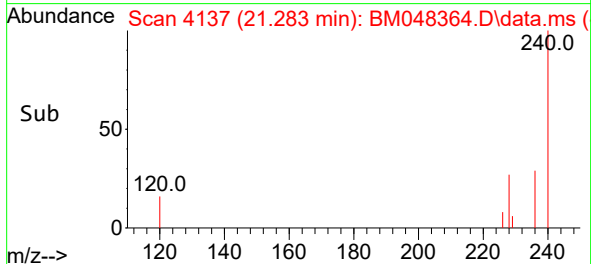
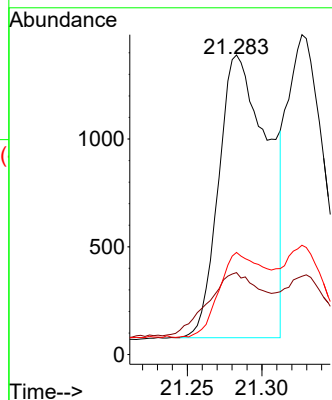
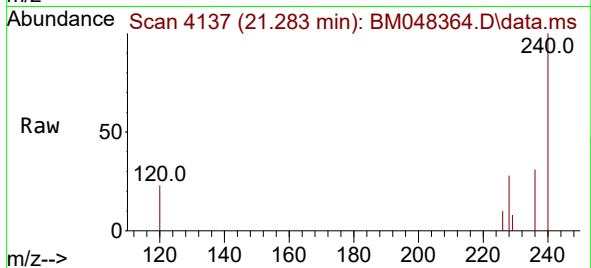
Tgt Ion:228 Resp: 3012

Ion Ratio Lower Upper

228 100

229 27.3 15.9 23.9#

226 34.1 22.1 33.1#



#22

Chrysene

Concen: 0.059 ng/ul

RT: 21.327 min Scan# 4152

Delta R.T. -0.000 min

Lab File: BM048364.D

Acq: 31 Oct 2024 19:01

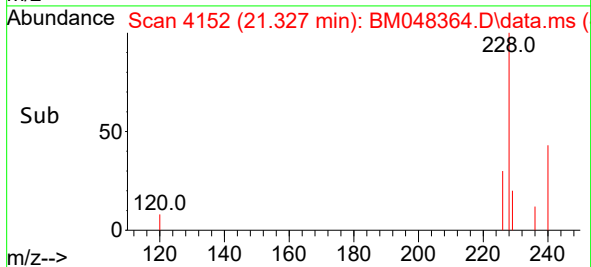
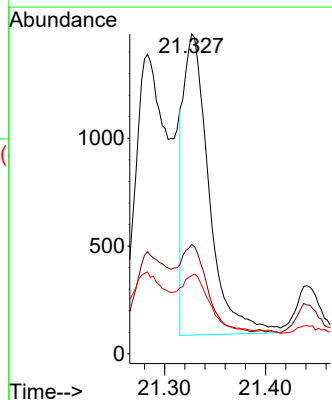
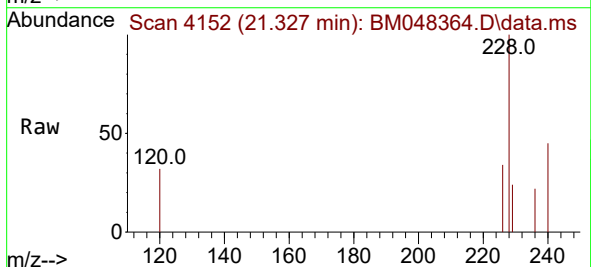
Tgt Ion:228 Resp: 2449

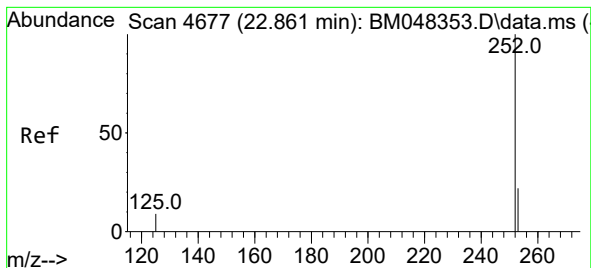
Ion Ratio Lower Upper

228 100

226 34.2 24.1 36.1

229 24.5 15.9 23.9#





#24

Benzo(b)fluoranthene

Concen: 0.157 ng/ul

RT: 22.843 min Scan# 4671

Delta R.T. -0.018 min

Lab File: BM048364.D

Acq: 31 Oct 2024 19:01

Instrument :

BNA_M

ClientSampleId :

F7H31

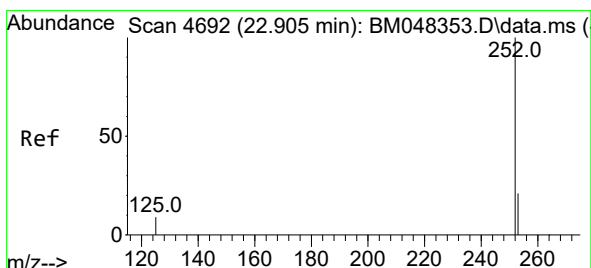
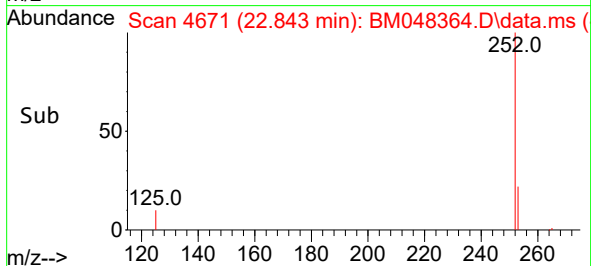
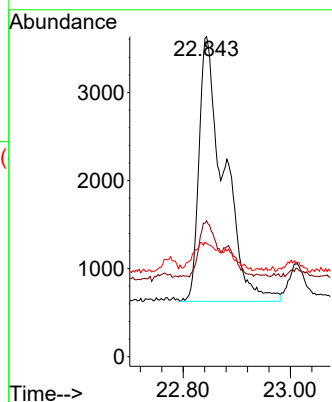
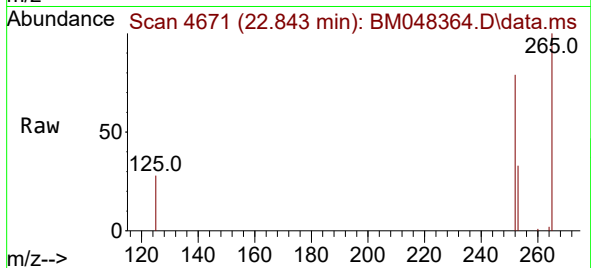
Tgt Ion:252 Resp: 9693

Ion Ratio Lower Upper

252 100

253 42.5 0.0 59.4

125 35.5 0.0 38.0



#25

Benzo(k)fluoranthene

Concen: 0.132 ng/ul

RT: 22.843 min Scan# 4671

Delta R.T. -0.061 min

Lab File: BM048364.D

Acq: 31 Oct 2024 19:01

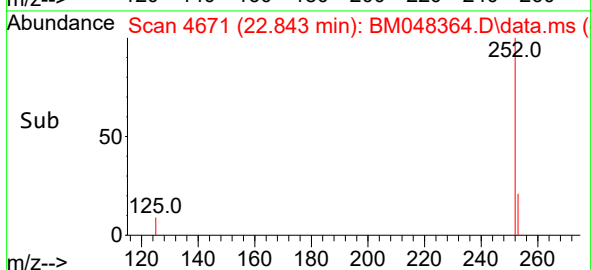
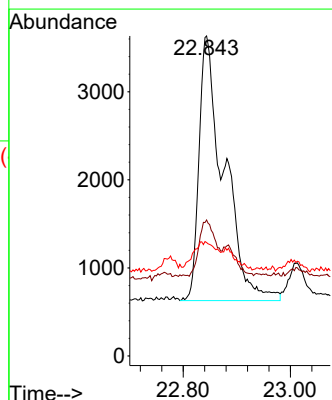
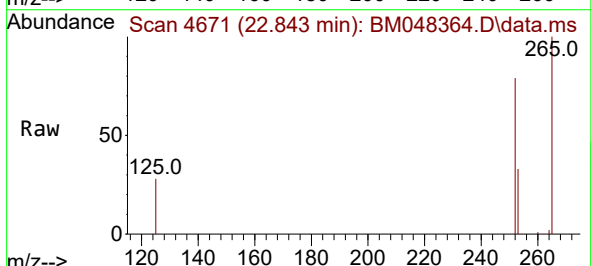
Tgt Ion:252 Resp: 9693

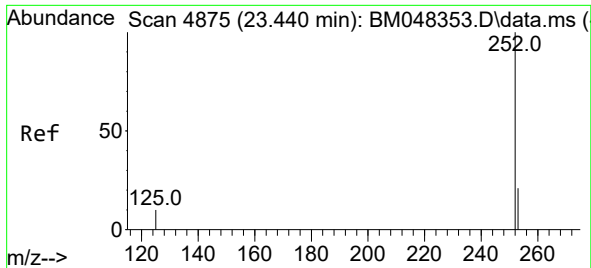
Ion Ratio Lower Upper

252 100

253 42.5 23.4 35.0#

125 35.5 15.3 22.9#

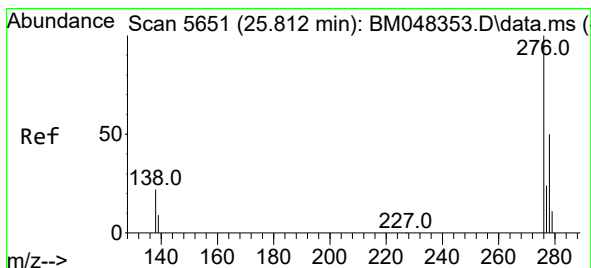
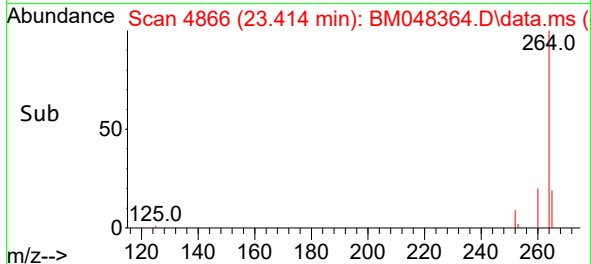
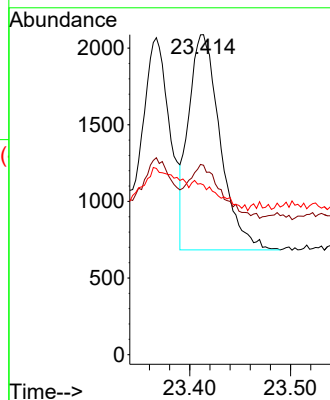
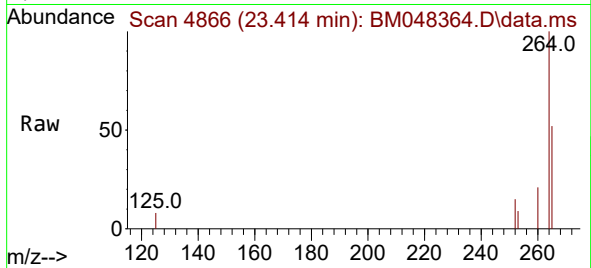




#26
Benzo(a)pyrene
Concen: 0.053 ng/ul
RT: 23.414 min Scan# 4866
Delta R.T. -0.026 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

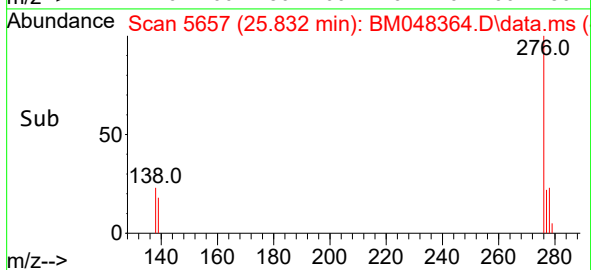
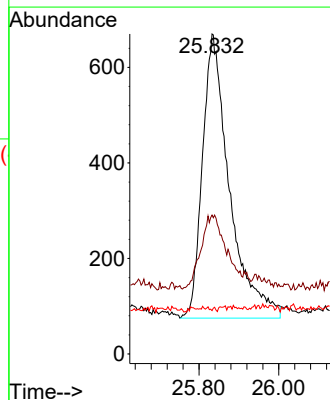
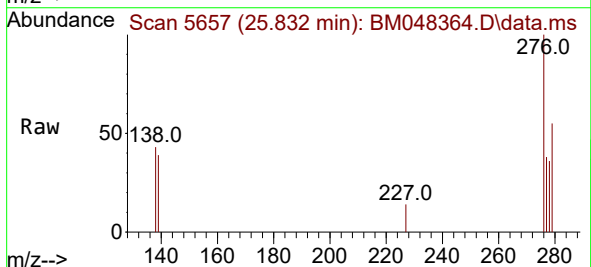
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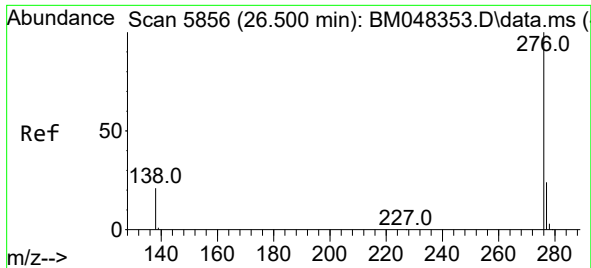
Tgt Ion:252 Resp: 3053
Ion Ratio Lower Upper
252 100
253 59.2 27.7 41.5#
125 53.1 21.1 31.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng/ul
RT: 25.832 min Scan# 5657
Delta R.T. 0.020 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

Tgt Ion:276 Resp: 2800
Ion Ratio Lower Upper
276 100
138 24.5 19.6 29.4
227 0.1 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.040 ng/ul
 RT: 26.517 min Scan# 5861
 Delta R.T. 0.017 min
 Lab File: BM048364.D
 Acq: 31 Oct 2024 19:01

Instrument :
 BNA_M
 ClientSampleId :
 F7H31

Tgt Ion:276 Resp: 2712
 Ion Ratio Lower Upper
 276 100
 138 39.1 19.0 28.6#
 277 39.4 20.6 31.0#

