

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047891.D
 Acq On : 07 Oct 2024 19:44
 Operator : RC/JU
 Sample : P4109-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 07 23:22:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

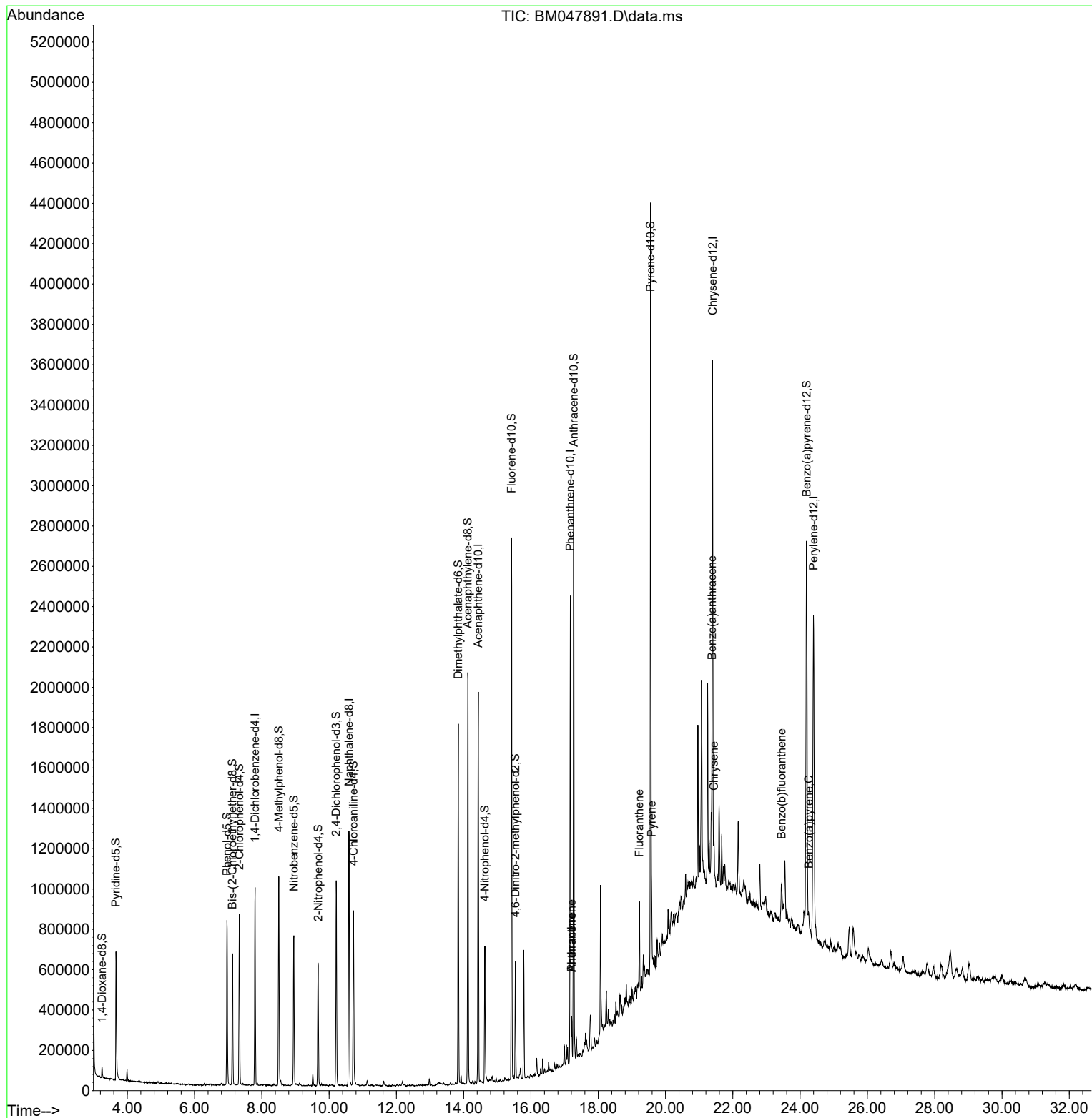
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	270675	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	1085049	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	676960	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1410371	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1319466	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1507249	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	26934	3.216	ng/uL	0.00
4) Pyridine-d5	3.663	84	357015	14.558	ng/ul	0.00
7) Phenol-d5	6.963	99	479045	18.716	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	288873	15.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	399765	21.467	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	390042	20.496	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	186627	21.602	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	207451	25.058	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	391933	23.698	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	491099	19.207	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	1154481	23.522	ng/ul	0.00
49) Acenaphthylene-d8	14.121	160	1370255	23.547	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	171153	17.515	ng/ul	0.00
60) Fluorene-d10	15.421	176	1058556	24.900	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	115033	13.938	ng/ul	0.00
73) Anthracene-d10	17.268	188	1645040	23.721	ng/ul	0.00
81) Pyrene-d10	19.556	212	1972694	26.343	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.191	264	1969758	25.188	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.209	178	120903	1.462	ng/ul	98
74) Anthracene	17.209	178	121837	1.444	ng/ul	98
80) Fluoranthene	19.221	202	259509	2.942	ng/ul	98
82) Pyrene	19.586	202	258623	2.635	ng/ul	96
85) Benzo(a)anthracene	21.380	228	126582	1.370	ng/ul	95
87) Chrysene	21.439	228	141795	1.574	ng/ul	96
90) Benzo(b)fluoranthene	23.450	252	182600	1.943	ng/ul#	90
93) Benzo(a)pyrene	24.256	252	117183	1.313	ng/ul#	92

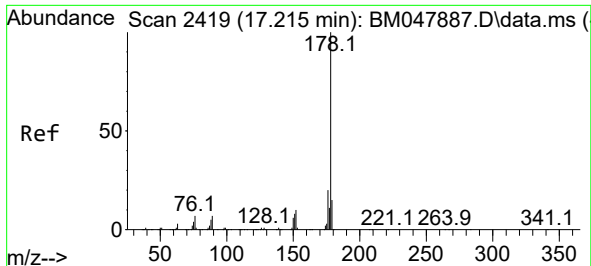
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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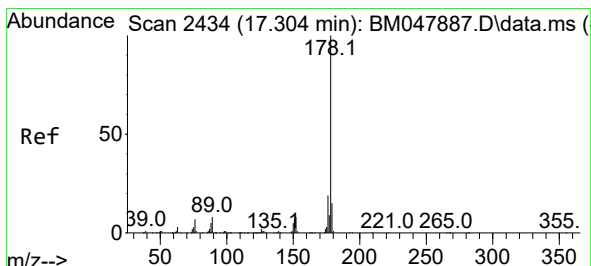
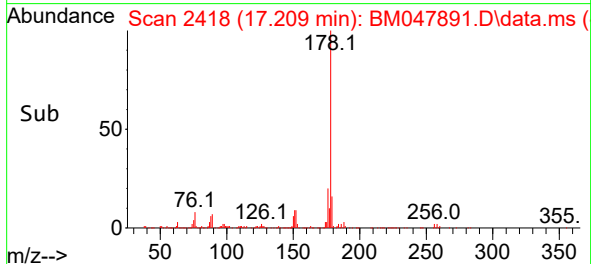
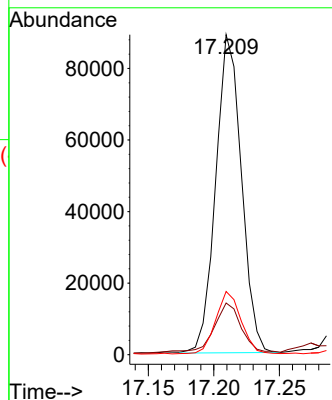
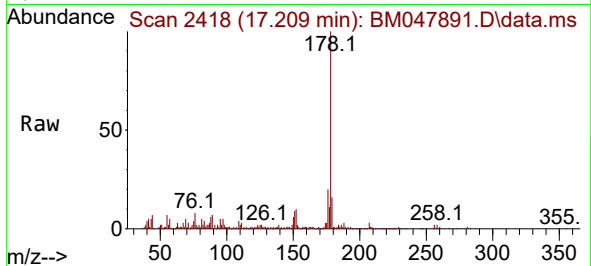




#72
Phenanthrene
Concen: 1.462 ng/ul
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047891.D
Acq: 07 Oct 2024 19:44

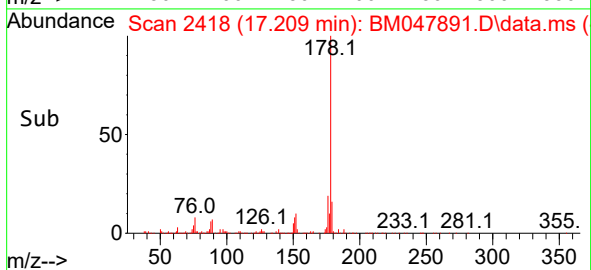
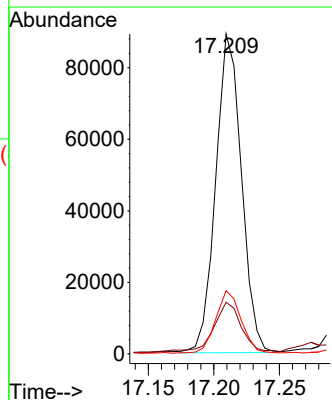
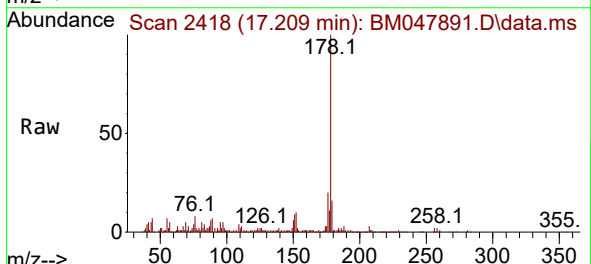
Instrument :
BNA_M
ClientSampleId :

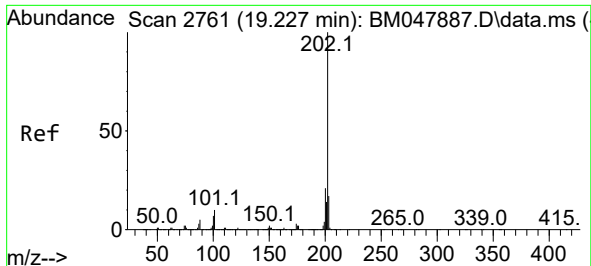
Tgt Ion:178 Resp: 120903
Ion Ratio Lower Upper
178 100
179 16.1 12.0 18.0
176 19.8 15.4 23.0



#74
Anthracene
Concen: 1.444 ng/ul
RT: 17.209 min Scan# 2418
Delta R.T. -0.094 min
Lab File: BM047891.D
Acq: 07 Oct 2024 19:44

Tgt Ion:178 Resp: 121837
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.8 14.7 22.1

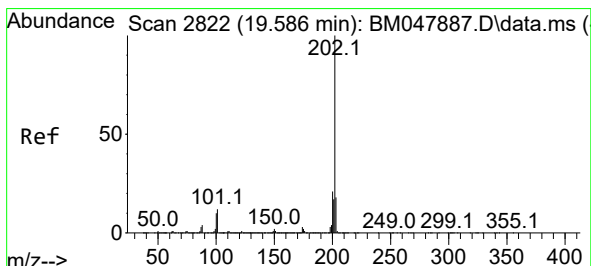
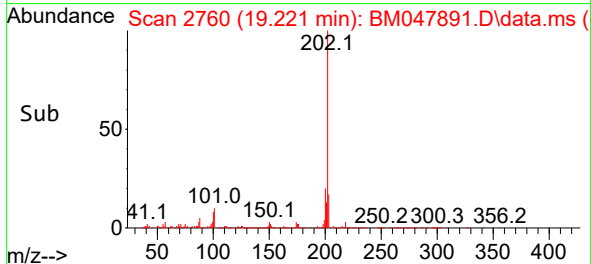
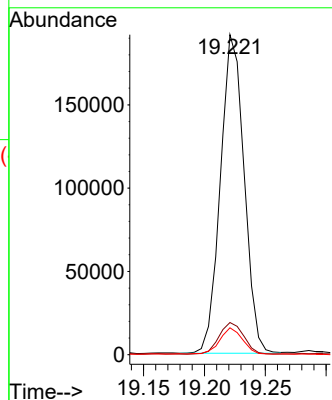
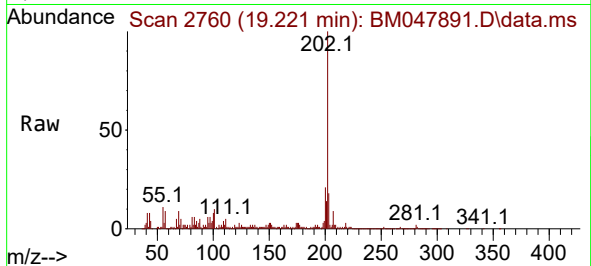




#80
Fluoranthene
Concen: 2.942 ng/ul
RT: 19.221 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047891.D
Acq: 07 Oct 2024 19:44

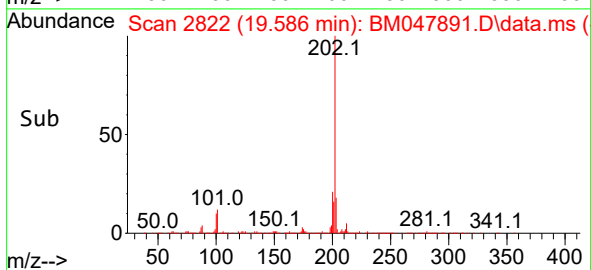
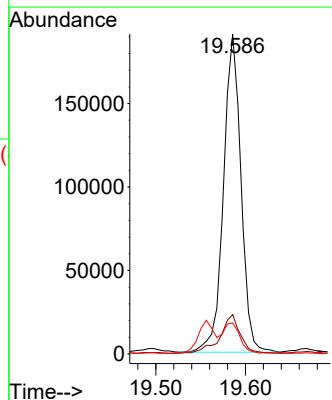
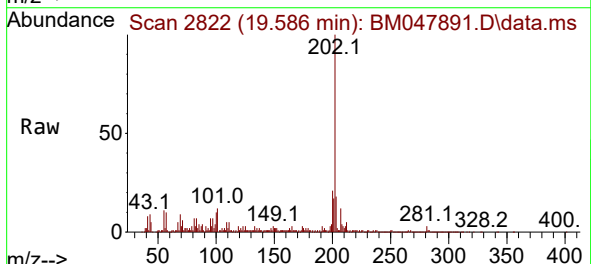
Instrument :
BNA_M
ClientSampleId :

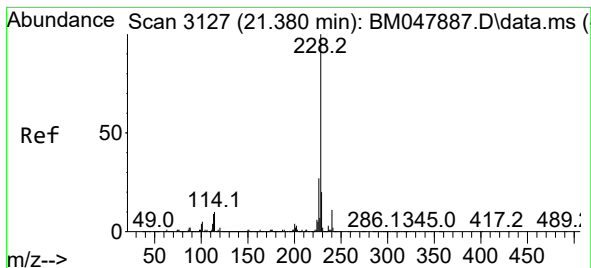
Tgt Ion:202 Resp: 259509
Ion Ratio Lower Upper
202 100
101 10.0 9.0 13.4
100 8.4 6.8 10.2



#82
Pyrene
Concen: 2.635 ng/ul
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM047891.D
Acq: 07 Oct 2024 19:44

Tgt Ion:202 Resp: 258623
Ion Ratio Lower Upper
202 100
101 12.3 10.9 16.3
100 9.7 9.4 14.2





#85

Benzo(a)anthracene

Concen: 1.370 ng/ul

RT: 21.380 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM047891.D

Acq: 07 Oct 2024 19:44

Instrument :

BNA_M

ClientSampleId :

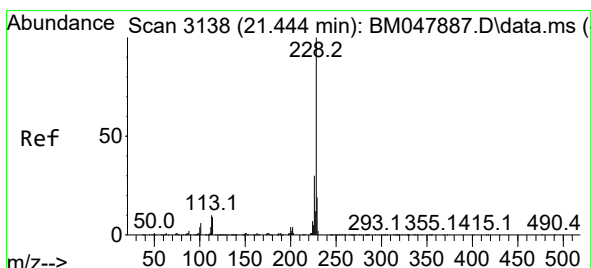
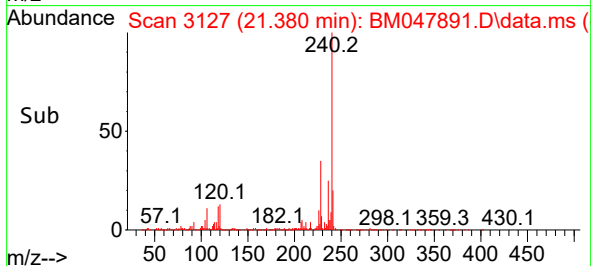
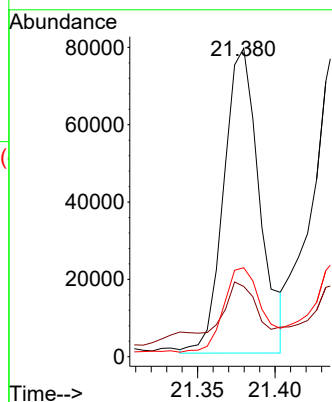
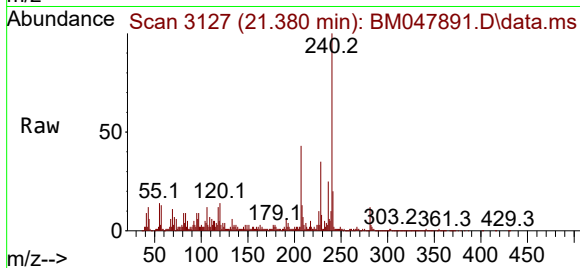
Tgt Ion:228 Resp: 126582

Ion Ratio Lower Upper

228 100

229 22.8 15.6 23.4

226 28.8 21.9 32.9



#87

Chrysene

Concen: 1.574 ng/ul

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM047891.D

Acq: 07 Oct 2024 19:44

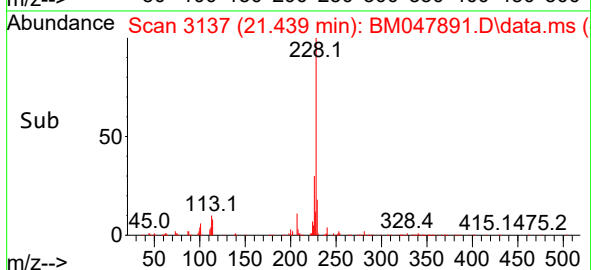
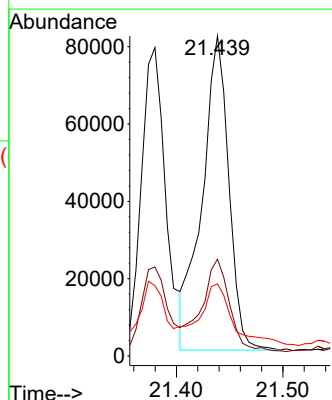
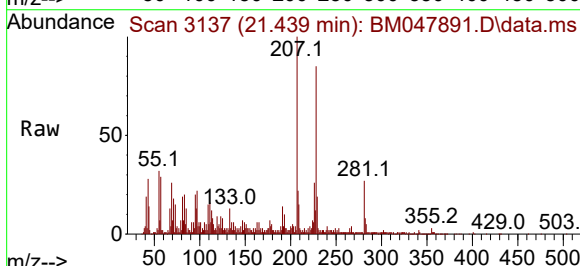
Tgt Ion:228 Resp: 141795

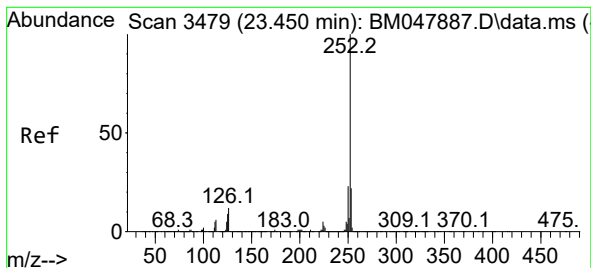
Ion Ratio Lower Upper

228 100

226 30.2 23.6 35.4

229 22.6 15.3 22.9





#90

Benzo(b)fluoranthene

Concen: 1.943 ng/ul

RT: 23.450 min Scan# 3479

Delta R.T. 0.000 min

Lab File: BM047891.D

Acq: 07 Oct 2024 19:44

Instrument :

BNA_M

ClientSampleId :

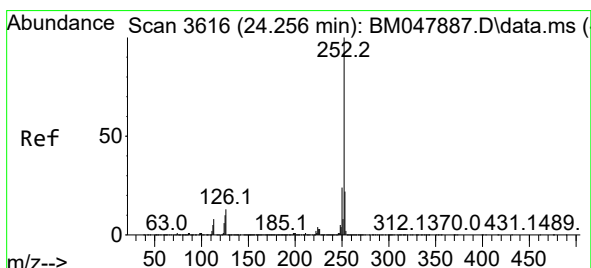
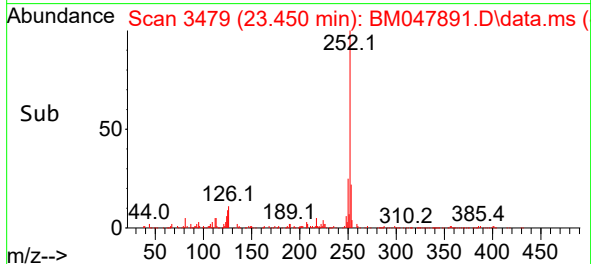
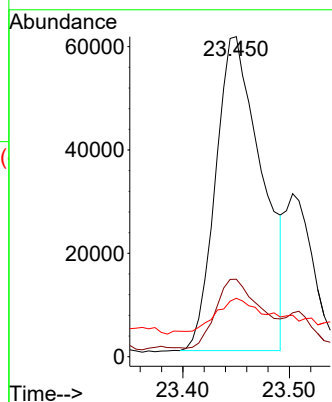
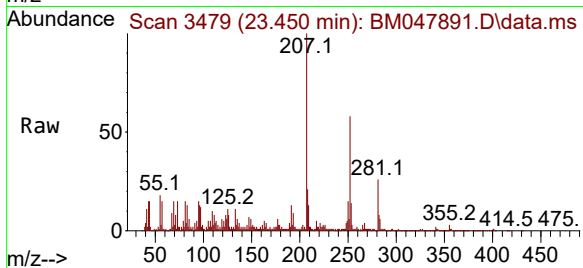
Tgt Ion:252 Resp: 182600

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.2

125 18.2 9.0 13.4#



#93

Benzo(a)pyrene

Concen: 1.313 ng/ul

RT: 24.256 min Scan# 3616

Delta R.T. 0.000 min

Lab File: BM047891.D

Acq: 07 Oct 2024 19:44

Tgt Ion:252 Resp: 117183

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

125 17.6 10.1 15.1#

