

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047874.D
 Acq On : 05 Oct 2024 12:46
 Operator : RC/JU
 Sample : P4083-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 23:06:03 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)

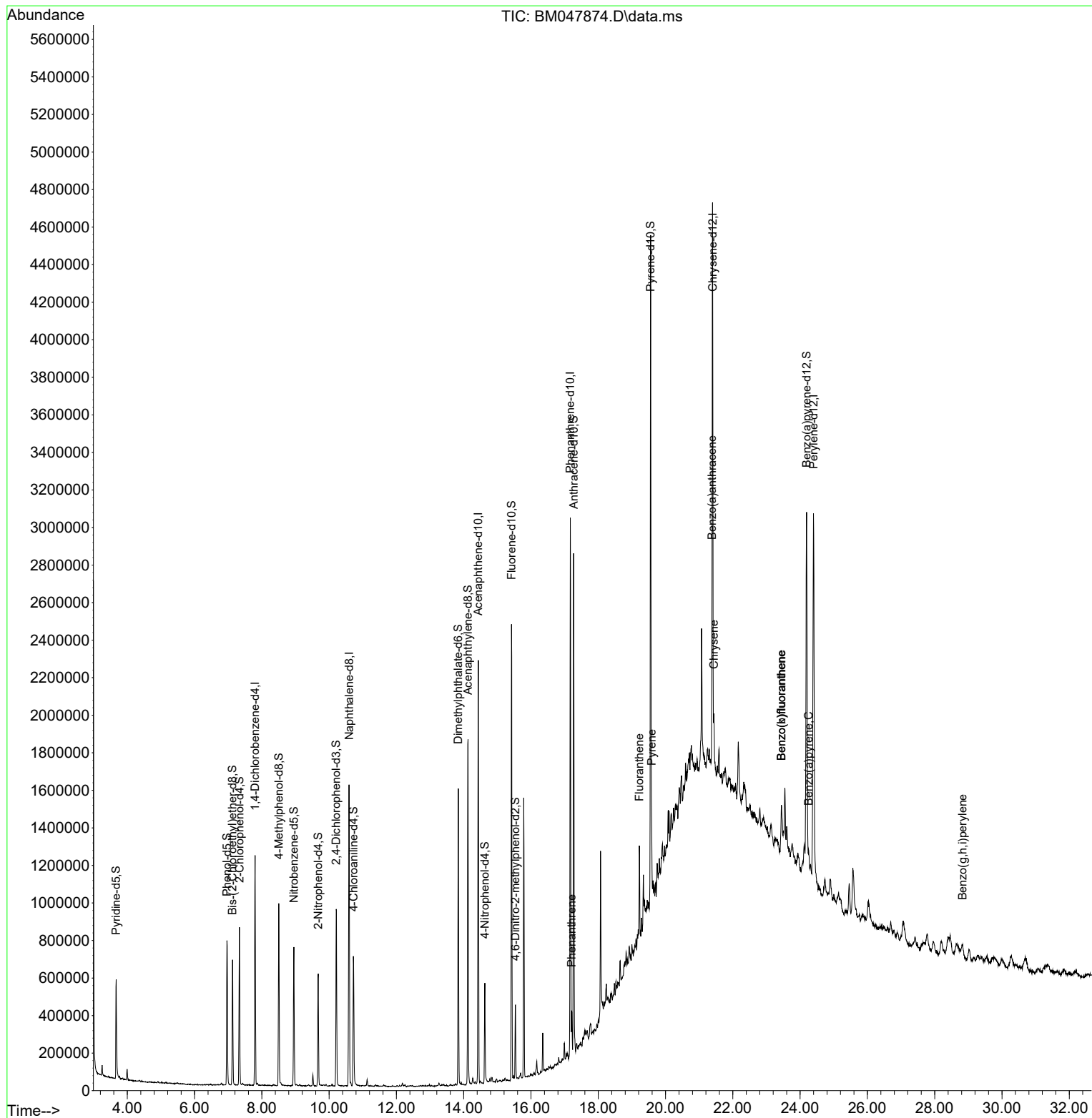
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	339023	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1332332	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.433	164	806527	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1689412	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1572043	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1868412	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	174	0.017	ng/uL	0.06
4) Pyridine-d5	3.669	84	305140	9.934	ng/ul	0.00
7) Phenol-d5	6.963	99	449166	14.011	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	288318	12.674	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	394429	16.911	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	359205	15.071	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	183194	17.269	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	196050	19.285	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	362146	17.833	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	395875	12.609	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	1044188	17.857	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	1239539	17.879	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	130374	11.199	ng/ul	0.00
60) Fluorene-d10	15.421	176	973012	19.211	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	79938	8.086	ng/ul	0.00
73) Anthracene-d10	17.268	188	1515231	18.240	ng/ul	0.00
81) Pyrene-d10	19.556	212	1899418	21.289	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.191	264	1948882	20.104	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.209	178	135893	1.372	ng/ul	98
80) Fluoranthene	19.221	202	271131	2.580	ng/ul	99
82) Pyrene	19.586	202	280332	2.397	ng/ul	97
85) Benzo(a)anthracene	21.380	228	143237	1.301	ng/ul#	89
87) Chrysene	21.439	228	159723	1.488	ng/ul#	94
90) Benzo(b)fluoranthene	23.444	252	210536	1.807	ng/ul#	87
91) Benzo(k)fluoranthene	23.444	252	210536	1.767	ng/ul#	87
93) Benzo(a)pyrene	24.250	252	135408	1.224	ng/ul#	82
96) Benzo(g,h,i)perylene	28.826	276	118196	1.064	ng/ul	99

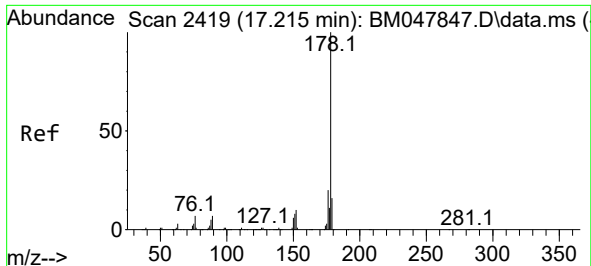
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047874.D
Acq On : 05 Oct 2024 12:46
Operator : RC/JU
Sample : P4083-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 05 23:06:03 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

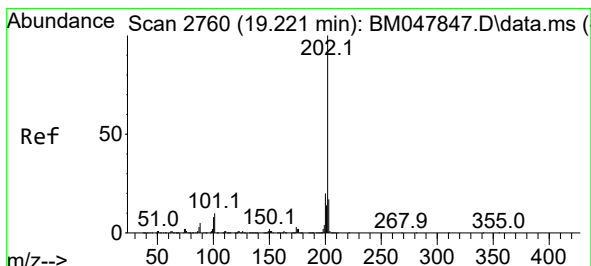
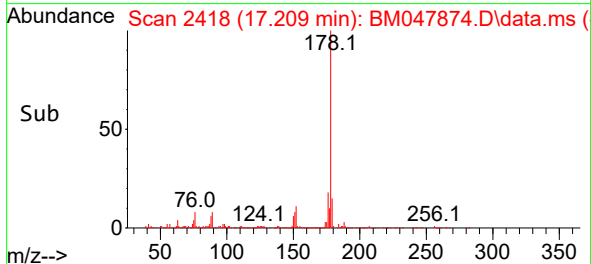
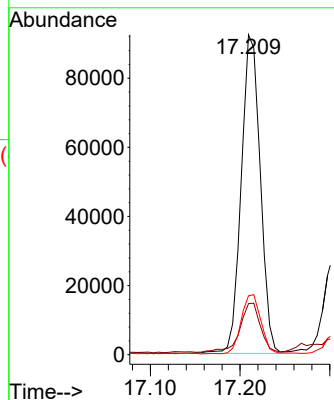
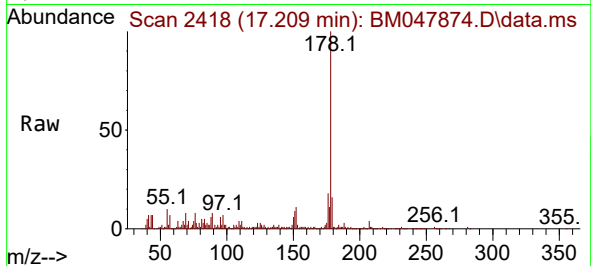




#72
Phenanthrene
Concen: 1.372 ng/ul
RT: 17.209 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM047874.D
Acq: 05 Oct 2024 12:46

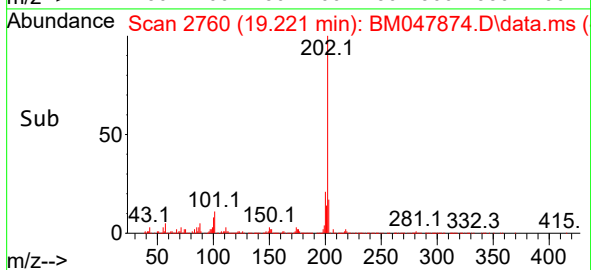
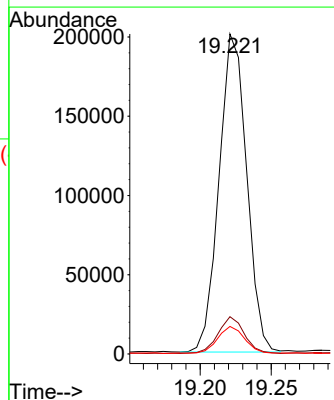
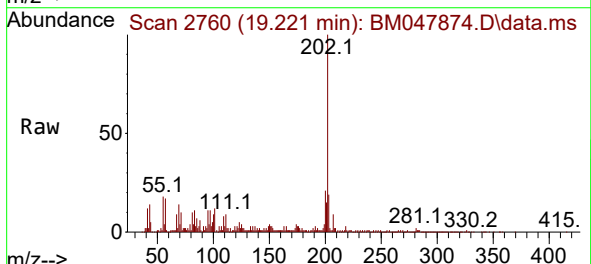
Instrument :
BNA_M
ClientSampleId :

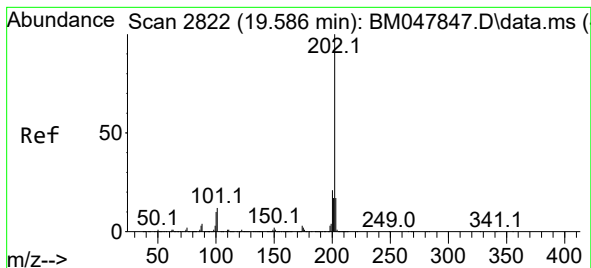
Tgt Ion:178 Resp: 135893
Ion Ratio Lower Upper
178 100
179 15.9 12.0 18.0
176 18.4 15.4 23.0



#80
Fluoranthene
Concen: 2.580 ng/ul
RT: 19.221 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BM047874.D
Acq: 05 Oct 2024 12:46

Tgt Ion:202 Resp: 271131
Ion Ratio Lower Upper
202 100
101 11.6 9.0 13.4
100 8.6 6.8 10.2





#82

Pyrene

Concen: 2.397 ng/ul

RT: 19.586 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BM047874.D

Acq: 05 Oct 2024 12:46

Instrument :

BNA_M

ClientSampleId :

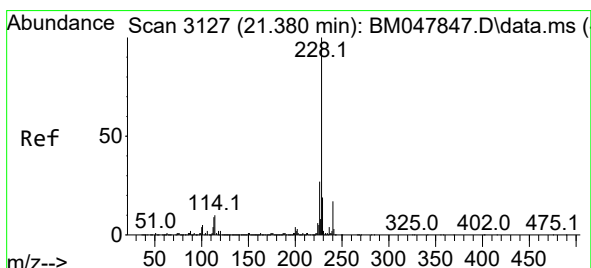
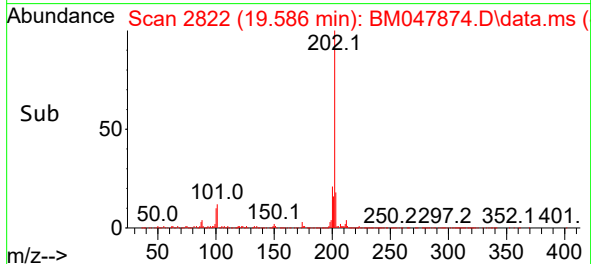
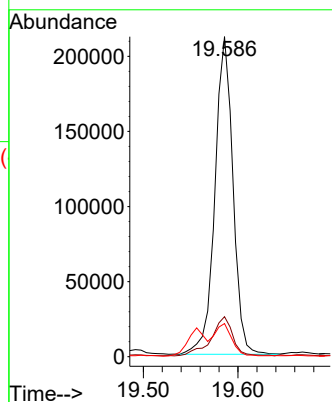
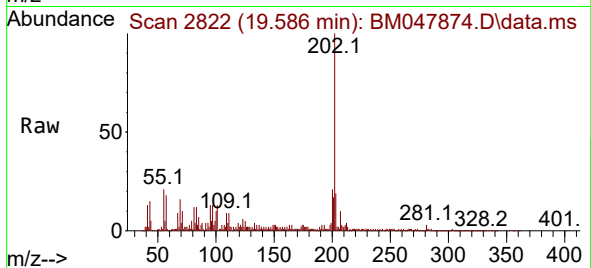
Tgt Ion:202 Resp: 280332

Ion Ratio Lower Upper

202 100

101 12.5 10.9 16.3

100 10.4 9.4 14.2



#85

Benzo(a)anthracene

Concen: 1.301 ng/ul

RT: 21.380 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM047874.D

Acq: 05 Oct 2024 12:46

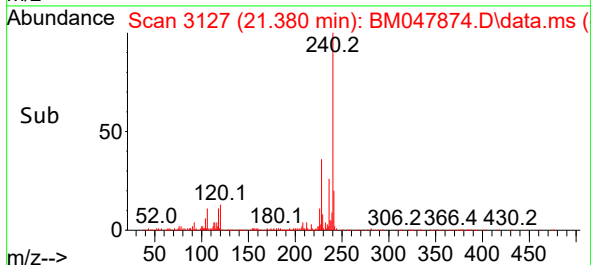
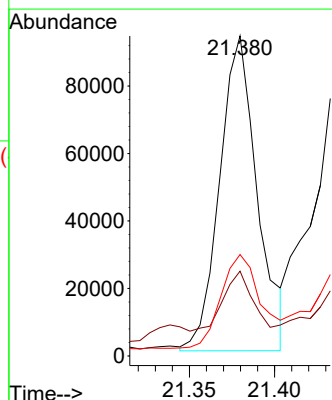
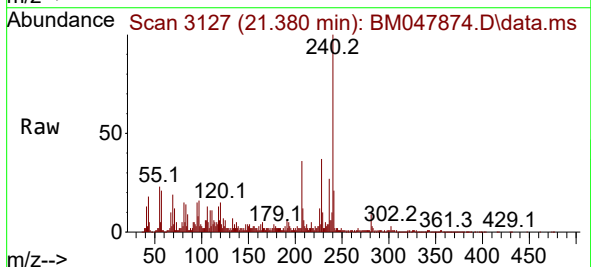
Tgt Ion:228 Resp: 143237

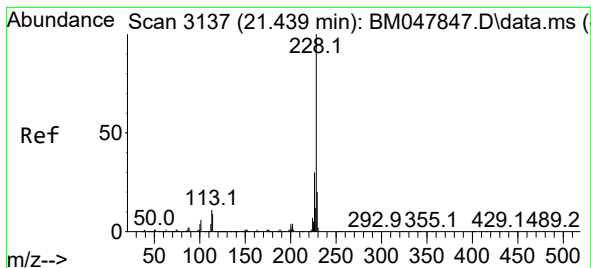
Ion Ratio Lower Upper

228 100

229 26.5 15.6 23.4#

226 31.7 21.9 32.9





#87

Chrysene

Concen: 1.488 ng/ul

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM047874.D

Acq: 05 Oct 2024 12:46

Instrument :

BNA_M

ClientSampleId :

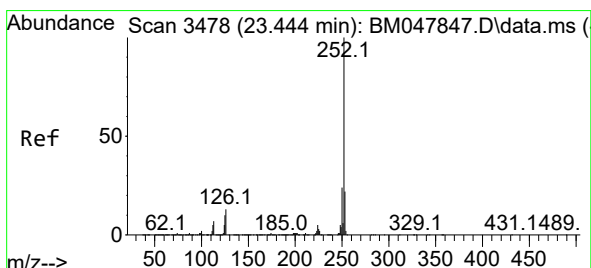
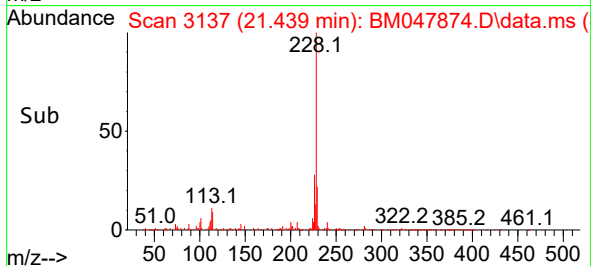
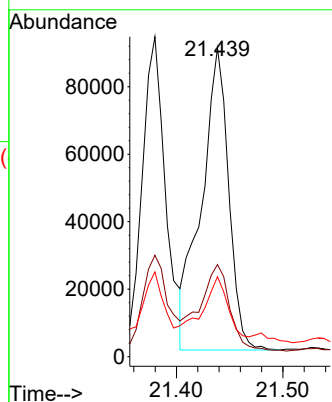
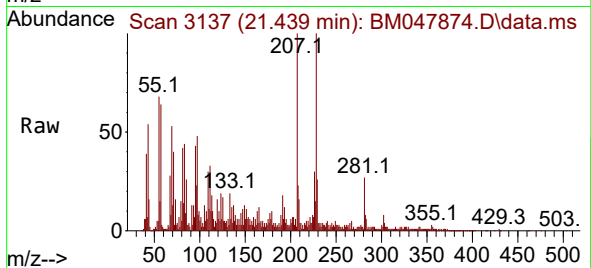
Tgt Ion:228 Resp: 159723

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

229 25.9 15.3 22.9#



#90

Benzo(b)fluoranthene

Concen: 1.807 ng/ul

RT: 23.444 min Scan# 3478

Delta R.T. -0.006 min

Lab File: BM047874.D

Acq: 05 Oct 2024 12:46

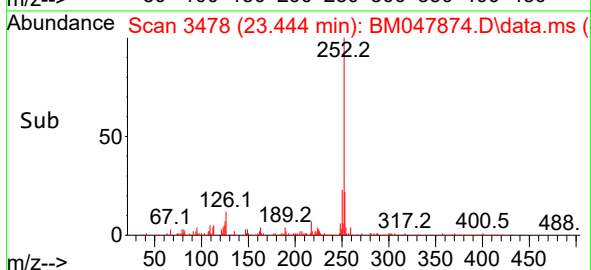
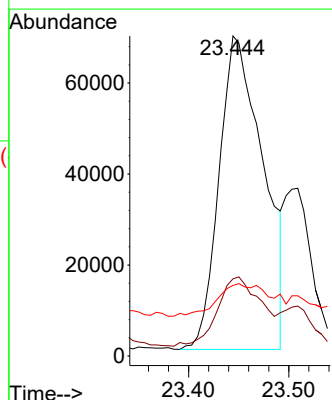
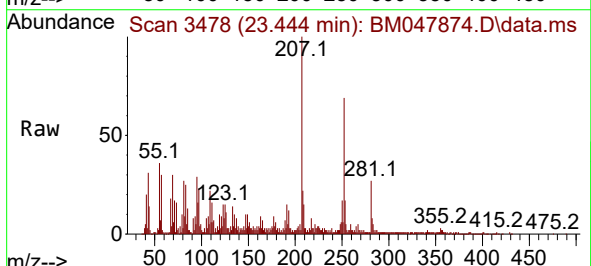
Tgt Ion:252 Resp: 210536

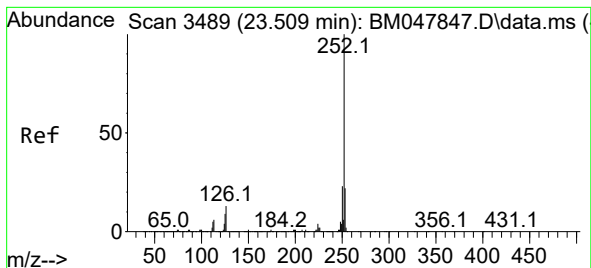
Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.2

125 22.1 9.0 13.4#





#91

Benzo(k)fluoranthene

Concen: 1.767 ng/ul

RT: 23.444 min Scan# 3489

Delta R.T. -0.065 min

Lab File: BM047874.D

Acq: 05 Oct 2024 12:46

Instrument :

BNA_M

ClientSampleId :

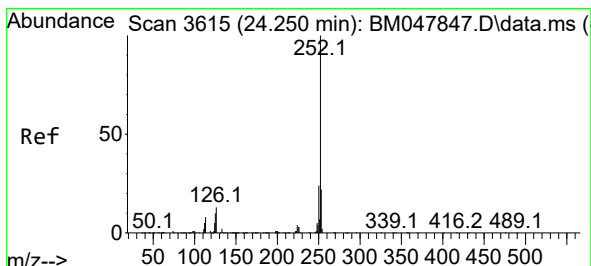
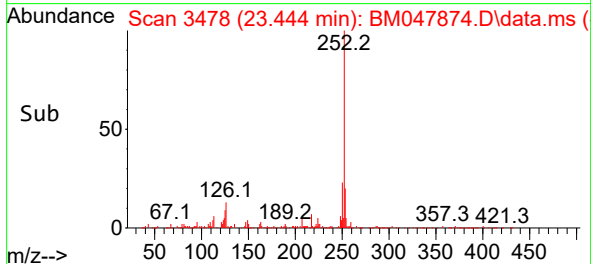
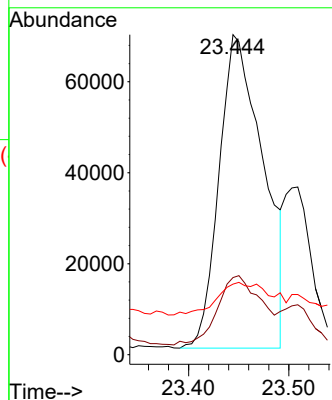
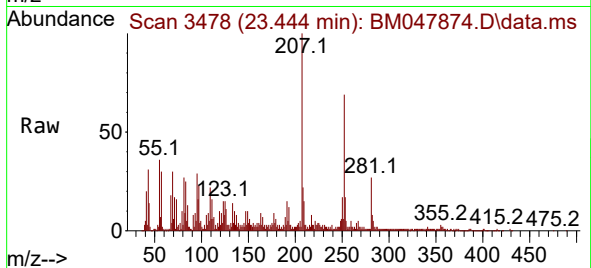
Tgt Ion:252 Resp: 210536

Ion Ratio Lower Upper

252 100

253 24.1 17.5 26.3

125 22.1 8.9 13.3#



#93

Benzo(a)pyrene

Concen: 1.224 ng/ul

RT: 24.250 min Scan# 3615

Delta R.T. -0.006 min

Lab File: BM047874.D

Acq: 05 Oct 2024 12:46

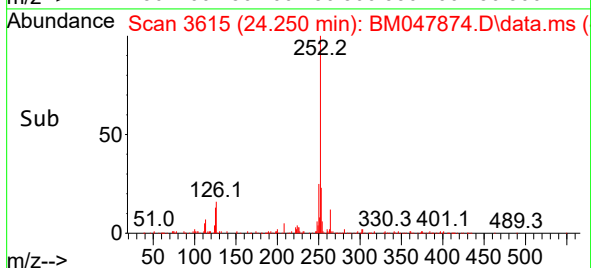
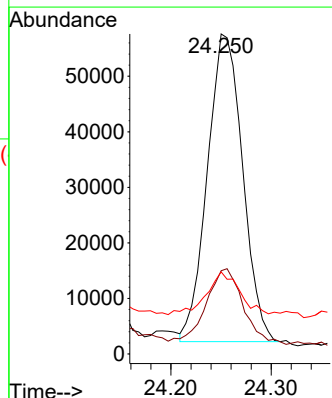
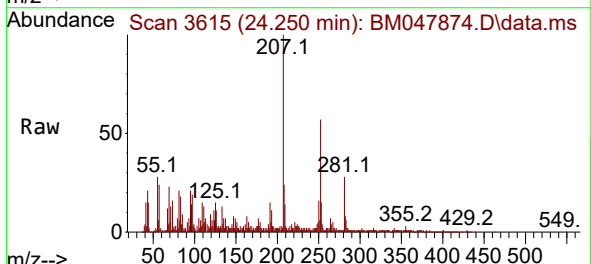
Tgt Ion:252 Resp: 135408

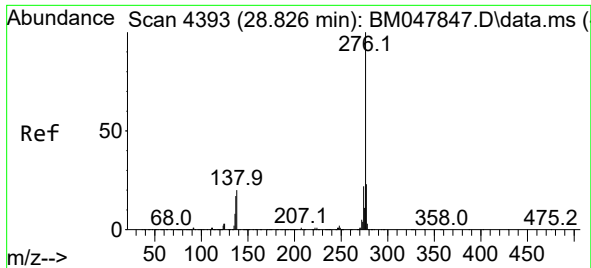
Ion Ratio Lower Upper

252 100

253 26.0 17.2 25.8#

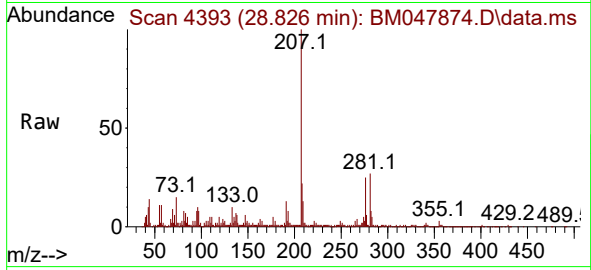
125 25.6 10.1 15.1#





#96
 Benzo(g,h,i)perylene
 Concen: 1.064 ng/ul
 RT: 28.826 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BM047874.D
 Acq: 05 Oct 2024 12:46

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 276 Resp: 118196

Ion	Ratio	Lower	Upper
276	100		
138	24.6	18.7	28.1
277	23.2	18.3	27.5

