

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045859.D
 Acq On : 05 Jun 2024 20:55
 Operator : MA/JU
 Sample : P2591-05DL2 30X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH5S8DL2

Quant Time: Jun 06 02:17:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

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

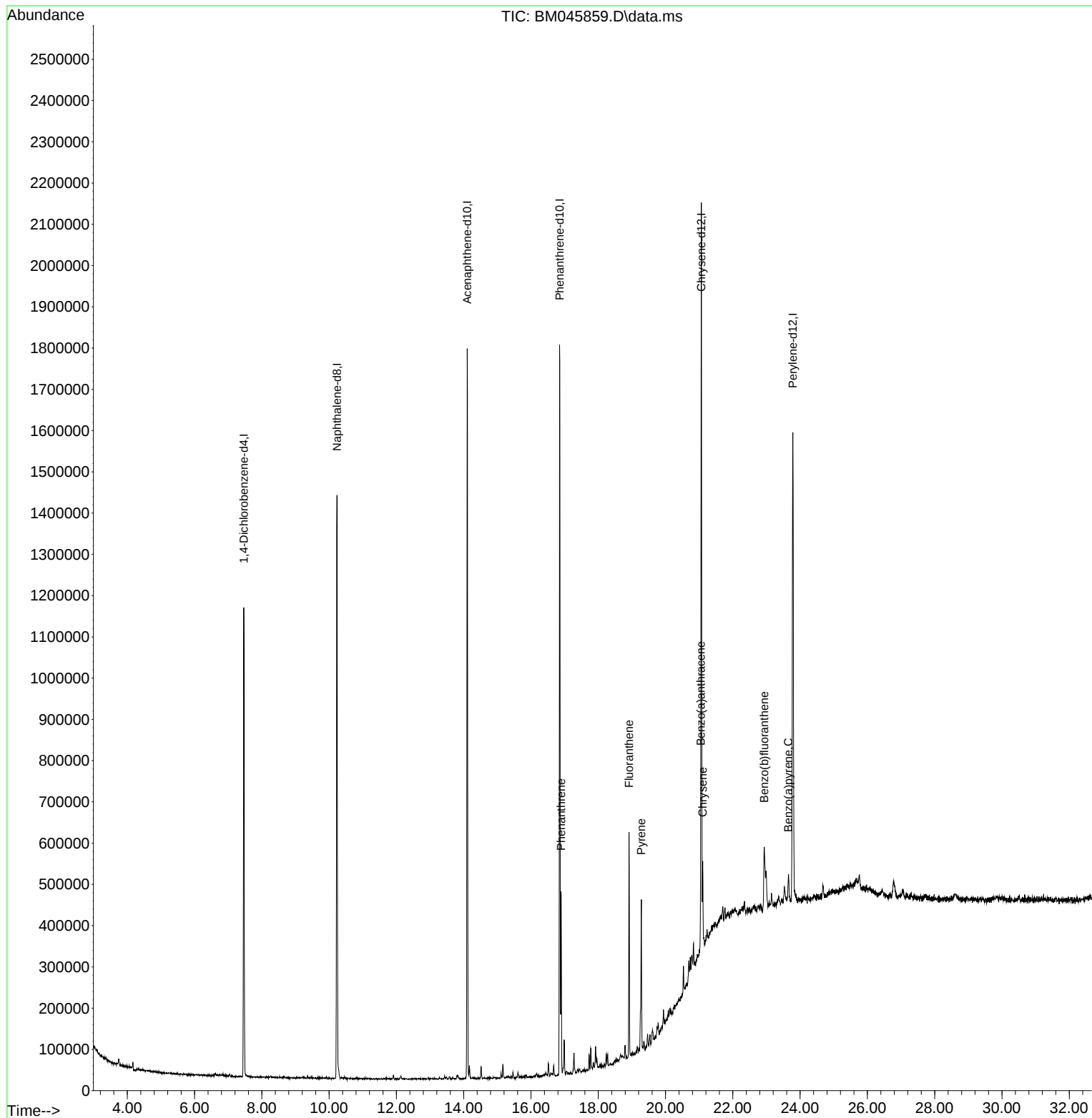
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	259562	20.000	ng/u1	0.00
20) Naphthalene-d8	10.234	136	1032081	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.104	164	555726	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.851	188	957527	20.000	ng/u1	0.00
79) Chrysene-d12	21.062	240	786869	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	920327	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.751	99	1746	0.079	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.040	132	1551	0.094	ng/u1	0.00
15) 4-Methylphenol-d8	8.263	113	1263	0.076	ng/u1	0.03
21) Nitrobenzene-d5	8.663	128	625	0.077	ng/u1	0.03
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.574	166	4314	0.112	ng/u1	0.02
49) Acenaphthylene-d8	13.804	160	4928	0.110	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.110	176	3800	0.116	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	16.951	188	5882	0.141	ng/u1	0.00
81) Pyrene-d10	19.251	212	5763	0.118	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	8355	0.194	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	16.898	178	234582	4.649	ng/u1	99
80) Fluoranthene	18.915	202	298292	5.028	ng/u1	100
82) Pyrene	19.280	202	199507	3.273	ng/u1	99
85) Benzo(a)anthracene	21.045	228	121877	2.243	ng/u1	99
87) Chrysene	21.103	228	111638	2.221	ng/u1	98
90) Benzo(b)fluoranthene	22.933	252	144401	2.553	ng/u1	99
93) Benzo(a)pyrene	23.650	252	55752	1.122	ng/u1#	89

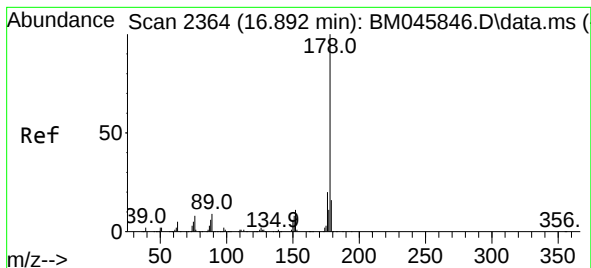
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#72

Phenanthrene

Concen: 4.649 ng/ul

RT: 16.898 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM045859.D

Acq: 05 Jun 2024 20:55

Instrument :

BNA_M

ClientSampleId :

BH5S8DL2

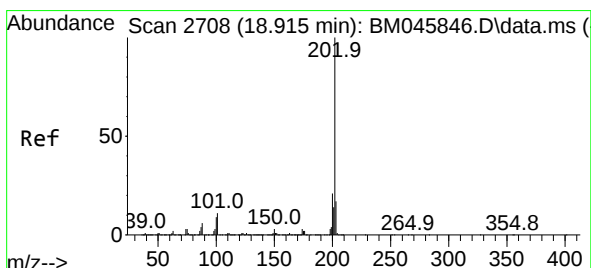
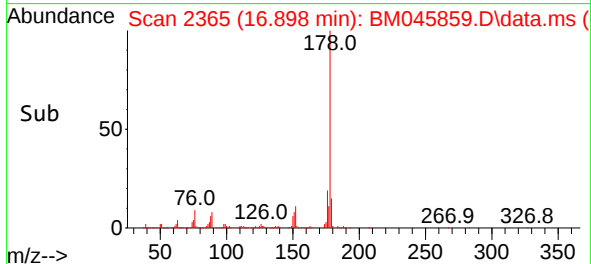
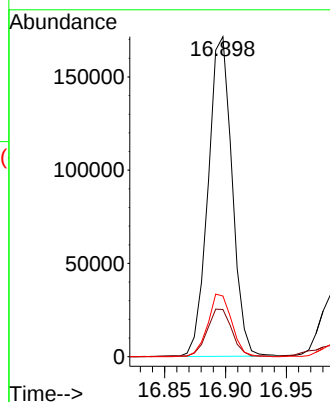
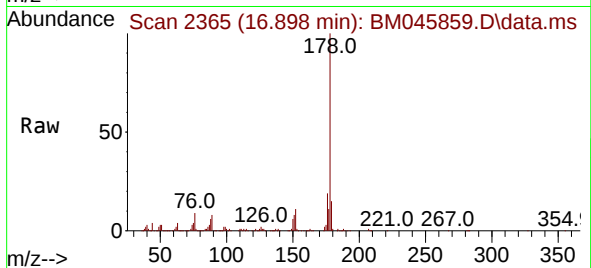
Tgt Ion:178 Resp: 234582

Ion Ratio Lower Upper

178 100

179 14.7 12.4 18.6

176 19.0 15.3 22.9



#80

Fluoranthene

Concen: 5.028 ng/ul

RT: 18.915 min Scan# 2708

Delta R.T. -0.006 min

Lab File: BM045859.D

Acq: 05 Jun 2024 20:55

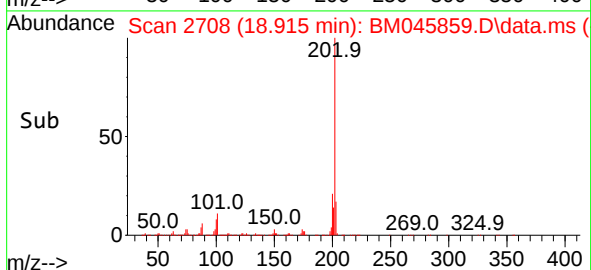
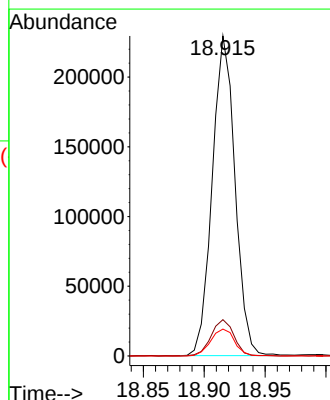
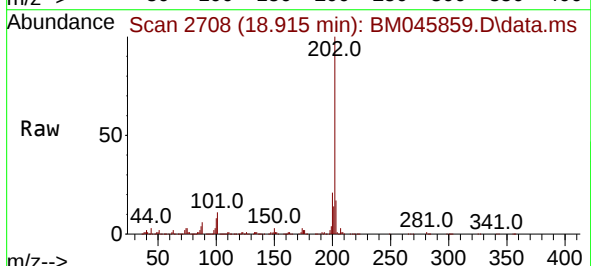
Tgt Ion:202 Resp: 298292

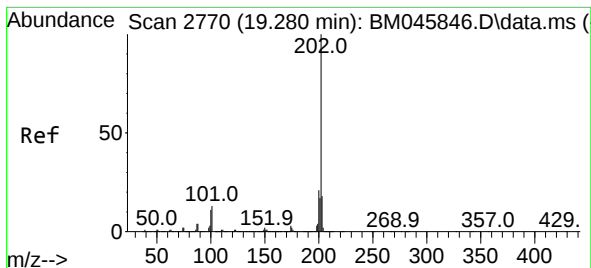
Ion Ratio Lower Upper

202 100

101 11.3 8.9 13.3

100 8.4 6.6 10.0





#82

Pyrene

Concen: 3.273 ng/ul

RT: 19.280 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045859.D

Acq: 05 Jun 2024 20:55

Instrument :

BNA_M

ClientSampleId :

BH5S8DL2

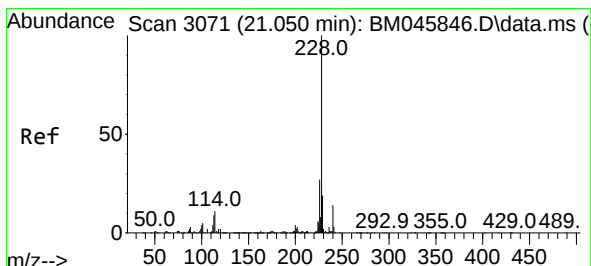
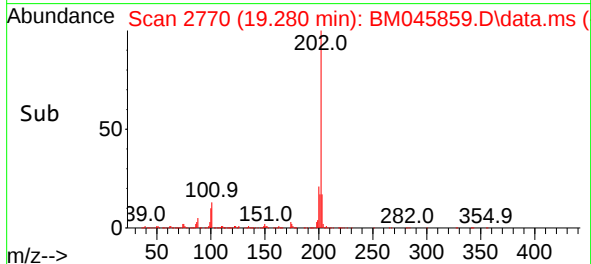
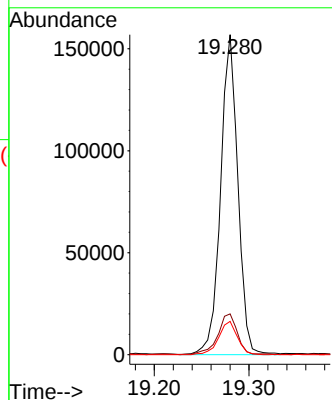
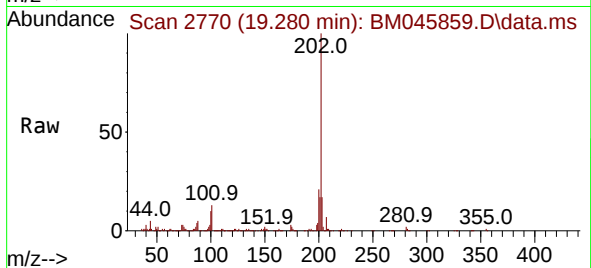
Tgt Ion:202 Resp: 199507

Ion Ratio Lower Upper

202 100

101 12.8 10.5 15.7

100 10.4 8.6 12.8



#85

Benzo(a)anthracene

Concen: 2.243 ng/ul

RT: 21.045 min Scan# 3070

Delta R.T. -0.006 min

Lab File: BM045859.D

Acq: 05 Jun 2024 20:55

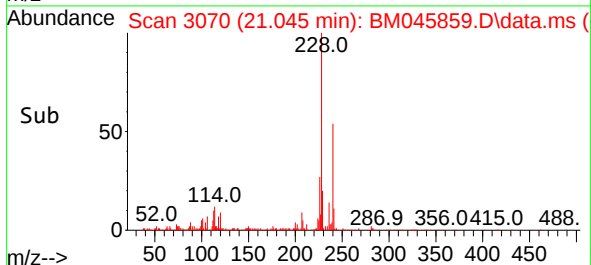
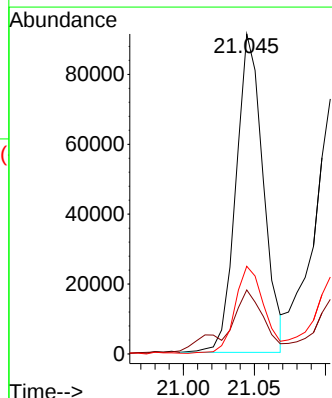
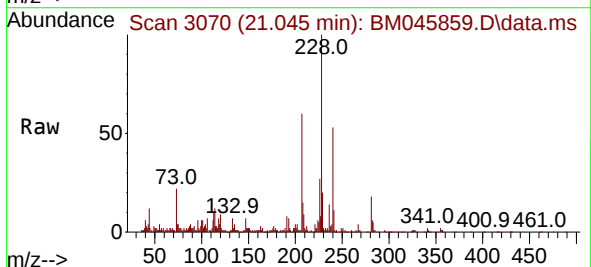
Tgt Ion:228 Resp: 121877

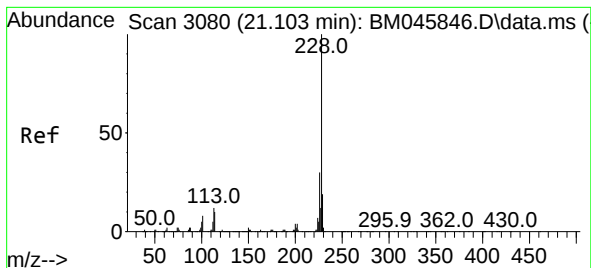
Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.8

226 27.4 21.4 32.0





#87

Chrysene

Concen: 2.221 ng/ul

RT: 21.103 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BM045859.D

Acq: 05 Jun 2024 20:55

Instrument :

BNA_M

ClientSampleId :

BH5S8DL2

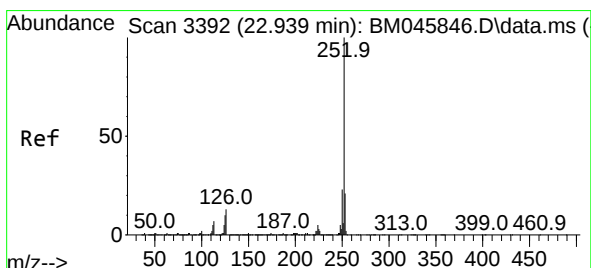
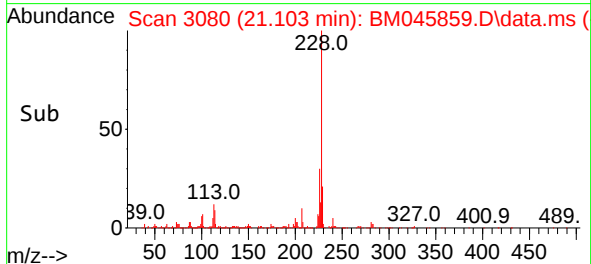
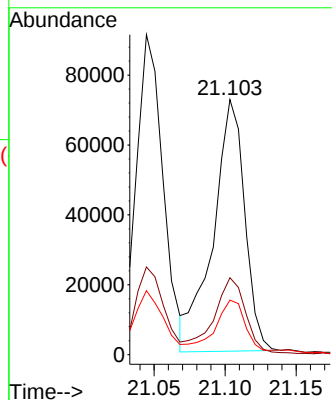
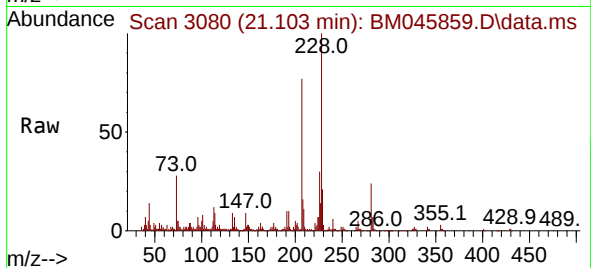
Tgt Ion:228 Resp: 111638

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 21.4 15.2 22.8



#90

Benzo(b)fluoranthene

Concen: 2.553 ng/ul

RT: 22.933 min Scan# 3391

Delta R.T. -0.006 min

Lab File: BM045859.D

Acq: 05 Jun 2024 20:55

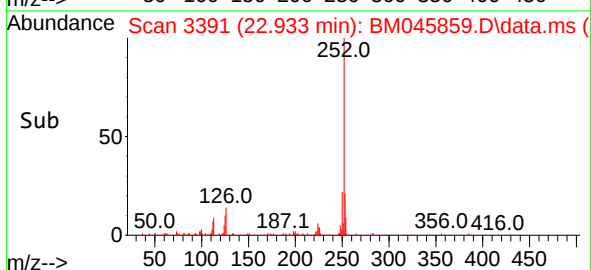
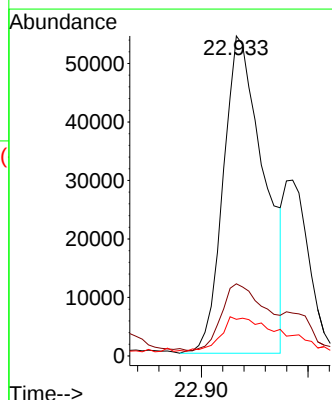
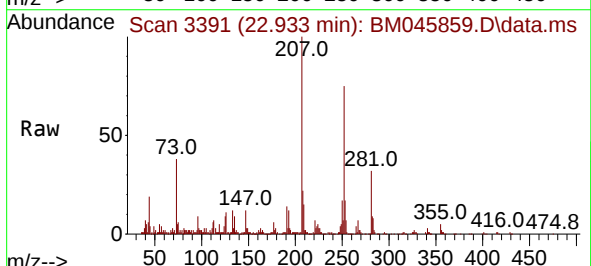
Tgt Ion:252 Resp: 144401

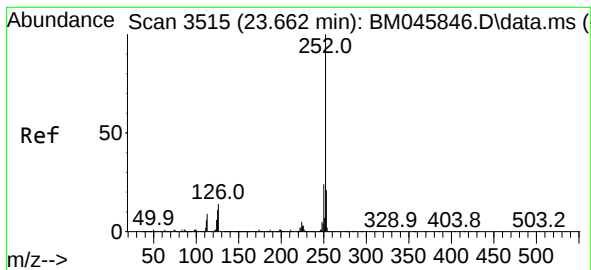
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 11.4 8.4 12.6





#93

Benzo(a)pyrene

Concen: 1.122 ng/ul

RT: 23.650 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM045859.D

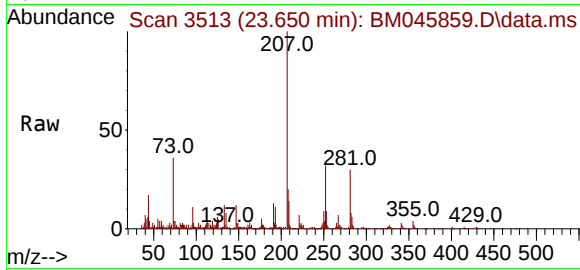
Acq: 05 Jun 2024 20:55

Instrument :

BNA_M

ClientSampleId :

BH5S8DL2



Tgt Ion:252 Resp: 55752

Ion Ratio Lower Upper

252 100

253 26.5 17.5 26.3#

125 17.1 9.3 13.9#

