

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047051.D
 Acq On : 07 Aug 2024 10:42
 Operator : RC/JU
 Sample : P3336-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E38

Quant Time: Aug 07 12:17:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 04:48:25 2024
 Response via : Initial Calibration

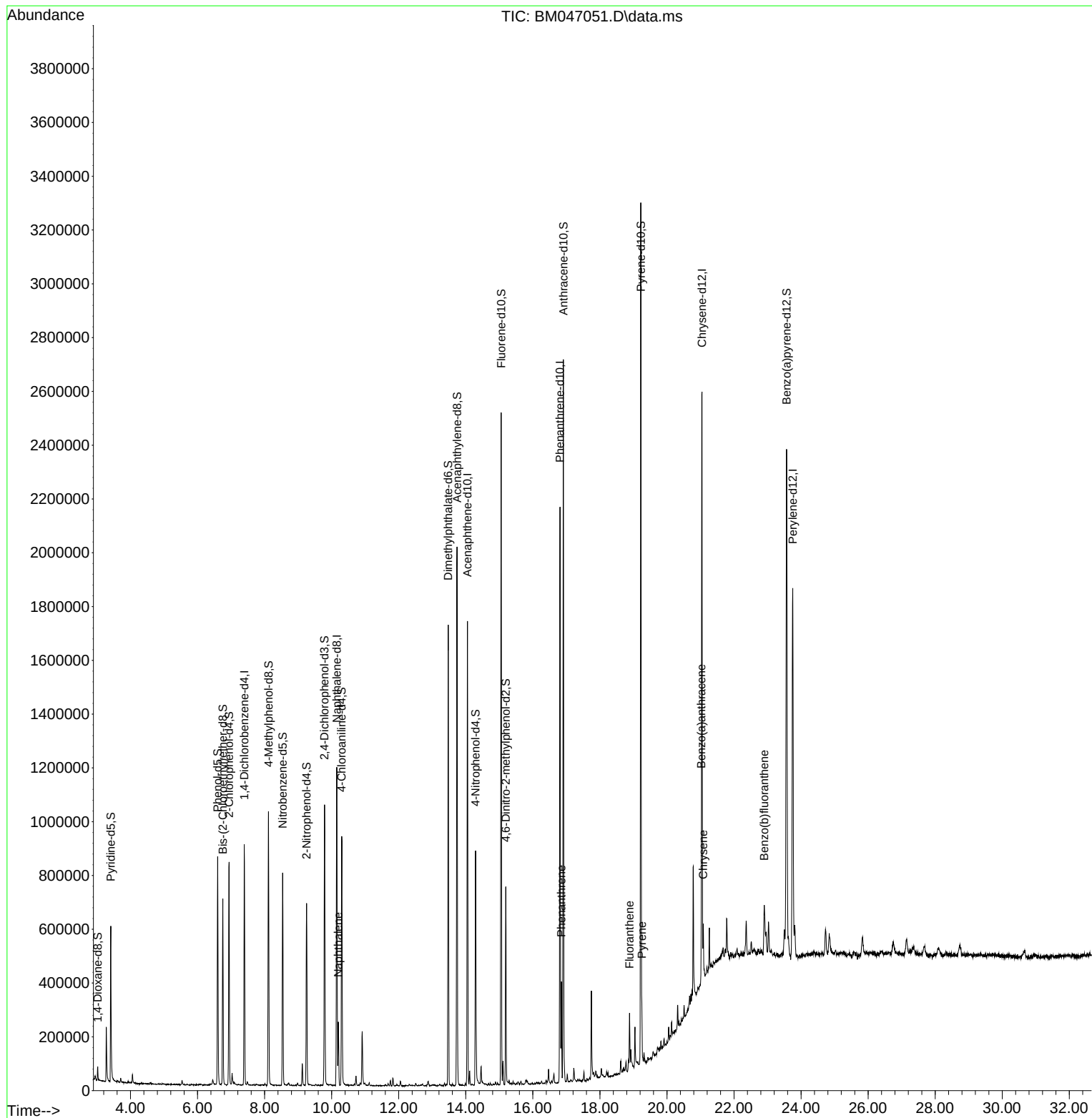
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.393	152	235895	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	925175	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	594928	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.810	188	1227512	20.000	ng/u1	0.00
79) Chrysene-d12	21.045	240	1055905	20.000	ng/u1	0.00
88) Perylene-d12	23.750	264	1170481	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	23746	3.988	ng/uL	0.00
4) Pyridine-d5	3.410	84	299478	18.439	ng/u1	0.00
7) Phenol-d5	6.598	99	456205	25.458	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	288682	24.484	ng/u1	0.00
11) 2-Chlorophenol-d4	6.940	132	367348	24.200	ng/u1	0.00
15) 4-Methylphenol-d8	8.116	113	371814	26.192	ng/u1	0.00
21) Nitrobenzene-d5	8.540	128	183737	24.749	ng/u1	0.00
24) 2-Nitrophenol-d4	9.251	143	206654	25.490	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.787	165	375732	24.138	ng/u1	0.00
31) 4-Chloroaniline-d4	10.298	131	479267	23.428	ng/u1	0.00
46) Dimethylphthalate-d6	13.475	166	1136548	24.985	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	1318567	25.968	ng/u1	0.00
54) 4-Nitrophenol-d4	14.292	143	191886	21.817	ng/u1	0.00
60) Fluorene-d10	15.057	176	971498	24.966	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	143068	18.448	ng/u1	0.00
73) Anthracene-d10	16.910	188	1435994	24.677	ng/u1	0.00
81) Pyrene-d10	19.221	212	1644899	27.213	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	1635720	26.539	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.198	128	180703	3.689	ng/u1	99
72) Phenanthrene	16.851	178	209653	3.047	ng/u1	100
80) Fluoranthene	18.880	202	124640	1.725	ng/u1	97
82) Pyrene	19.251	202	125718	1.633	ng/u1#	97
85) Benzo(a)anthracene	21.027	228	85732	1.112	ng/u1	94
87) Chrysene	21.080	228	124592	1.694	ng/u1	97
90) Benzo(b)fluoranthene	22.903	252	173419	2.395	ng/u1#	96

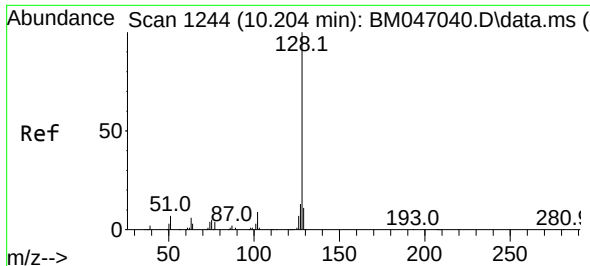
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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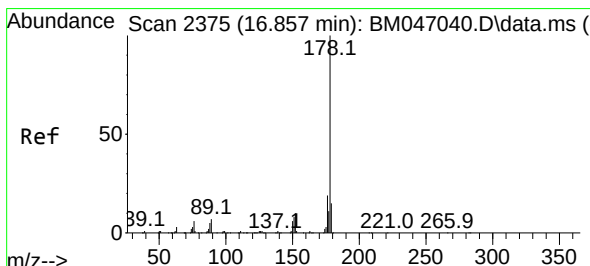
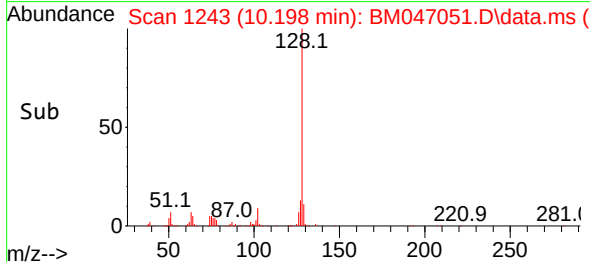
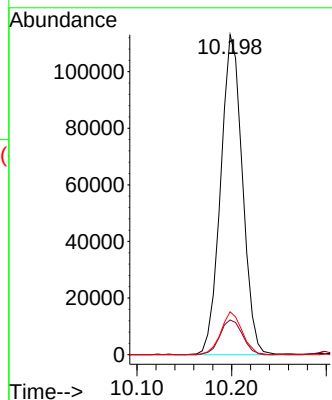
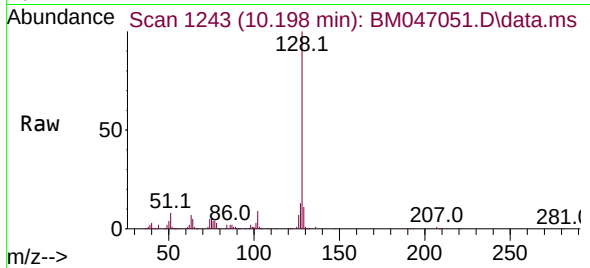




#30
Naphthalene
Concen: 3.689 ng/ul
RT: 10.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047051.D
Acq: 07 Aug 2024 10:42

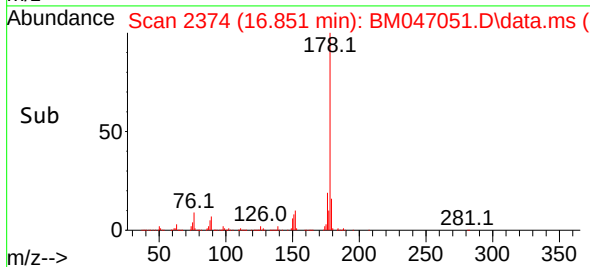
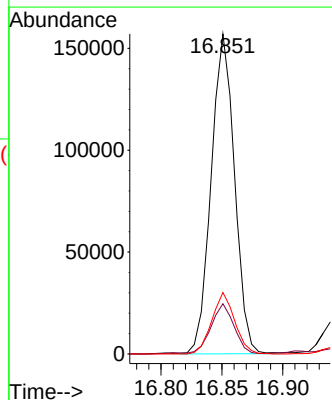
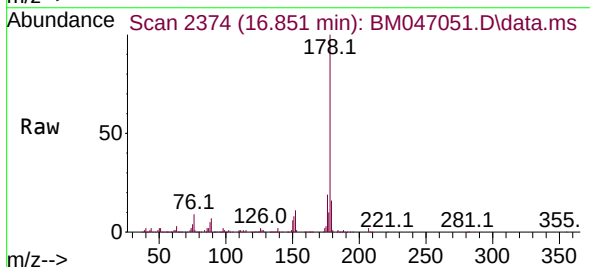
Instrument :
BNA_M
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F7E38

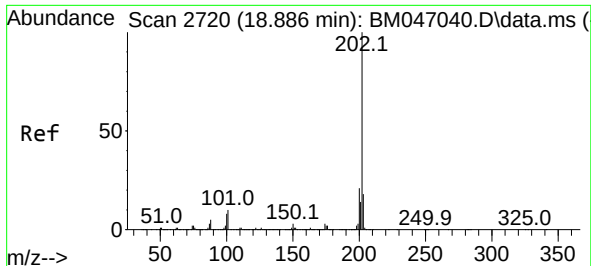
Tgt Ion:128 Resp: 180703
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.4 10.4 15.6



#72
Phenanthrene
Concen: 3.047 ng/ul
RT: 16.851 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM047051.D
Acq: 07 Aug 2024 10:42

Tgt Ion:178 Resp: 209653
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.2 15.3 22.9

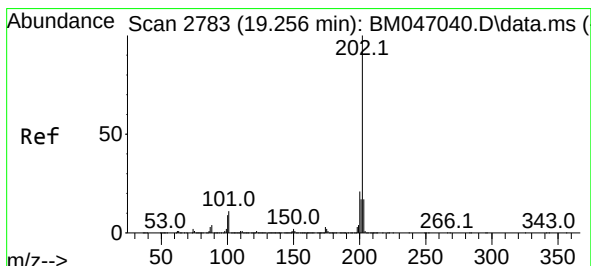
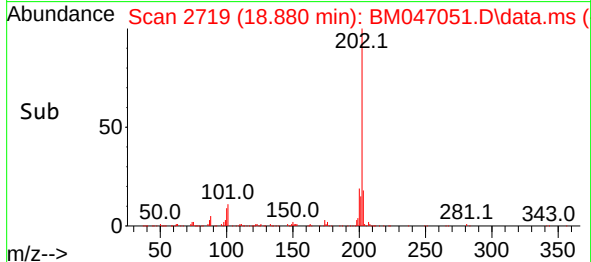
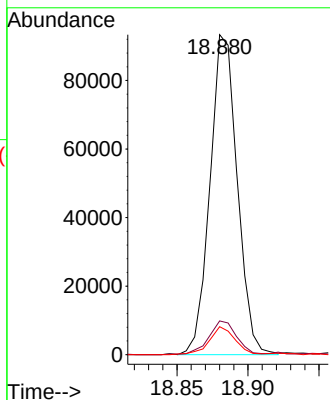
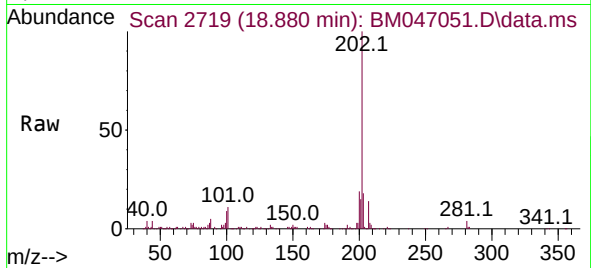




#80
 Fluoranthene
 Concen: 1.725 ng/ul
 RT: 18.880 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047051.D
 Acq: 07 Aug 2024 10:42

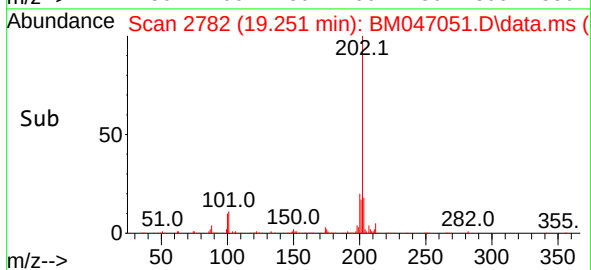
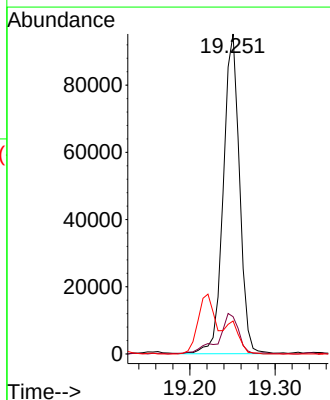
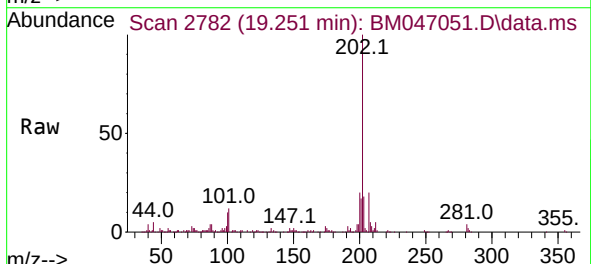
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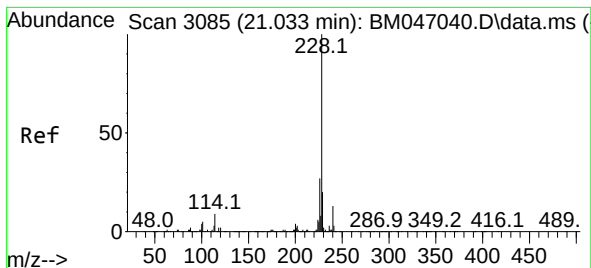
Tgt Ion:202 Resp: 124640
 Ion Ratio Lower Upper
 202 100
 101 10.6 7.8 11.6
 100 8.8 5.9 8.9



#82
 Pyrene
 Concen: 1.633 ng/ul
 RT: 19.251 min Scan# 2782
 Delta R.T. -0.006 min
 Lab File: BM047051.D
 Acq: 07 Aug 2024 10:42

Tgt Ion:202 Resp: 125718
 Ion Ratio Lower Upper
 202 100
 101 11.6 8.7 13.1
 100 10.3 6.8 10.2#





#85

Benzo(a)anthracene

Concen: 1.112 ng/ul

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047051.D

Acq: 07 Aug 2024 10:42

Instrument :

BNA_M

ClientSampleId :

F7E38

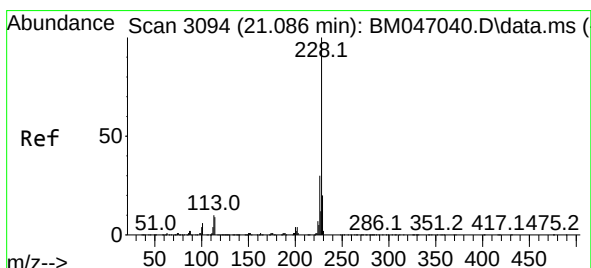
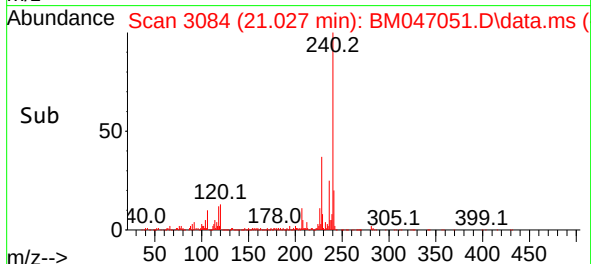
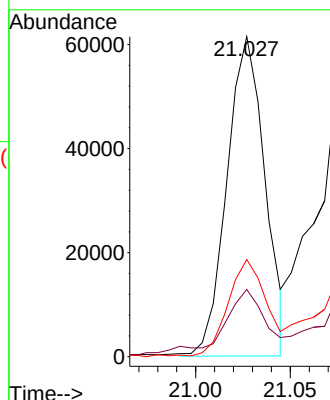
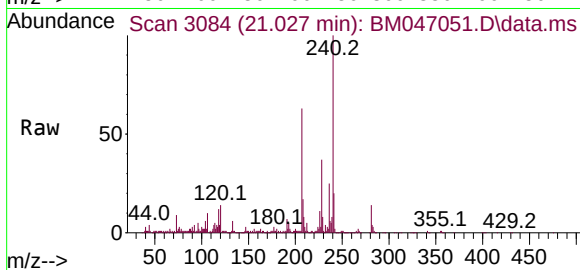
Tgt Ion:228 Resp: 85732

Ion Ratio Lower Upper

228 100

229 21.0 15.5 23.3

226 30.4 21.2 31.8



#87

Chrysene

Concen: 1.694 ng/ul

RT: 21.080 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BM047051.D

Acq: 07 Aug 2024 10:42

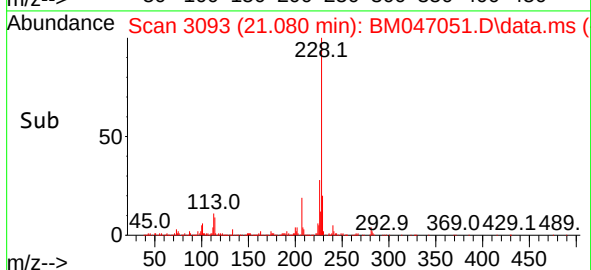
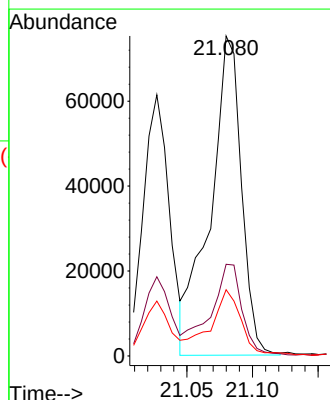
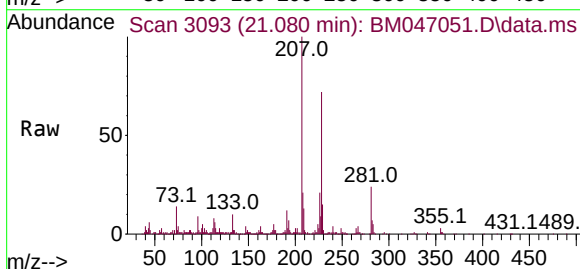
Tgt Ion:228 Resp: 124592

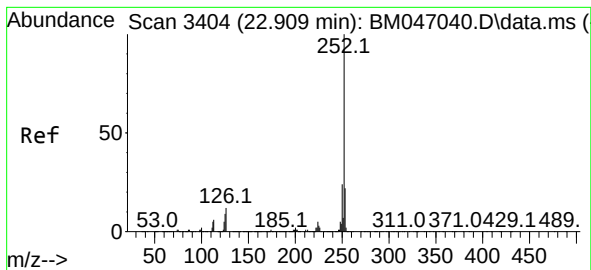
Ion Ratio Lower Upper

228 100

226 28.7 24.0 36.0

229 20.7 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 2.395 ng/ul

RT: 22.903 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM047051.D

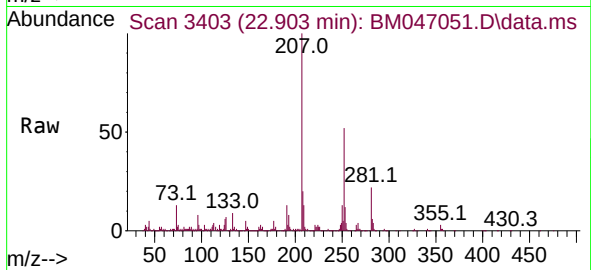
Acq: 07 Aug 2024 10:42

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:252 Resp: 173419

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

125 11.2 7.0 10.6#

