

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049390.D
 Acq On : 22 Jan 2025 19:27
 Operator : RC/JU
 Sample : Q1139-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZJ3

Quant Time: Jan 22 22:12:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

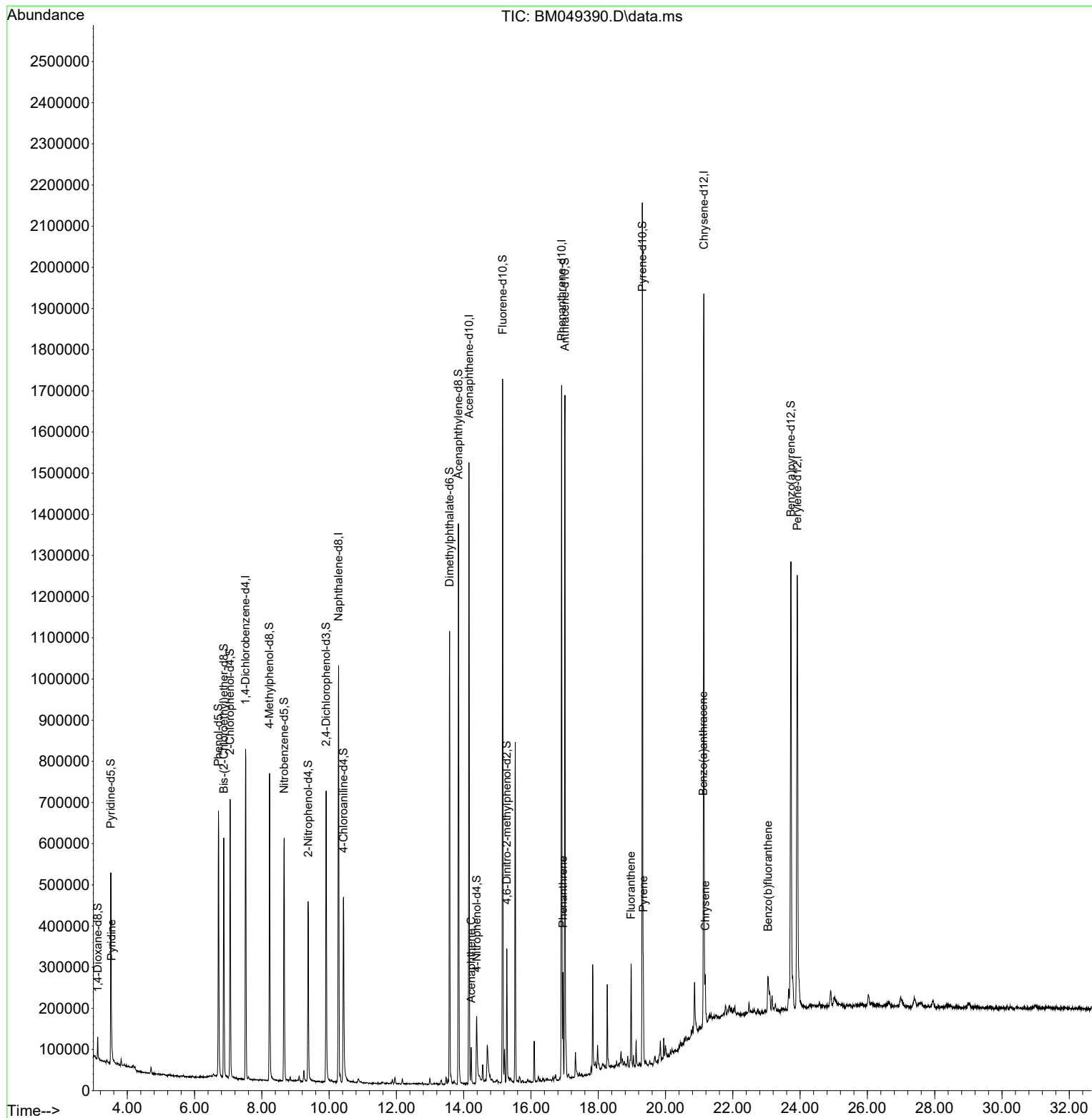
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	215437	20.000	ng/ul	0.00
20) Naphthalene-d8	10.280	136	786166	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	483559	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	938143	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	866290	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	902264	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	21761	4.179	ng/uL	0.00
4) Pyridine-d5	3.510	84	224270	13.530	ng/ul	0.00
7) Phenol-d5	6.710	99	349499	19.325	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	260586	21.640	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	282718	20.436	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	261173	18.623	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128	124248	20.725	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	133432	19.909	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	257234	18.810	ng/ul	0.00
31) 4-Chloroaniline-d4	10.427	131	265168	14.736	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	702919	19.531	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	868355	21.135	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	48387	8.119	ng/ul	0.00
60) Fluorene-d10	15.157	176	642655	20.670	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.280	200	66115	11.058	ng/ul	-0.01
73) Anthracene-d10	17.009	188	915234	19.735	ng/ul	0.00
81) Pyrene-d10	19.309	212	1057052	20.050	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	906791	18.722	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Pyridine	3.528	79	17174	1.025	ng/ul#	1
52) Acenaphthene	14.221	153	33915	1.127	ng/ul	100
72) Phenanthrene	16.951	178	144792	2.776	ng/ul	97
80) Fluoranthene	18.974	202	146803	2.423	ng/ul#	95
82) Pyrene	19.339	202	144240	2.237	ng/ul	96
85) Benzo(a)anthracene	21.121	228	78451	1.299	ng/ul	98
87) Chrysene	21.180	228	72429	1.314	ng/ul	98
90) Benzo(b)fluoranthene	23.044	252	97377	1.612	ng/ul#	97

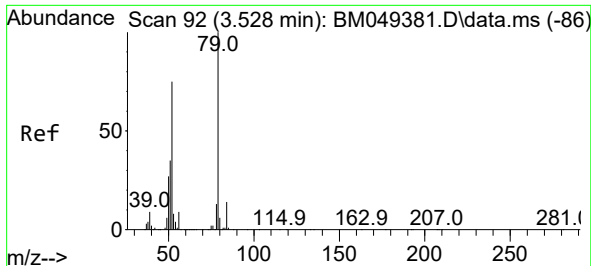
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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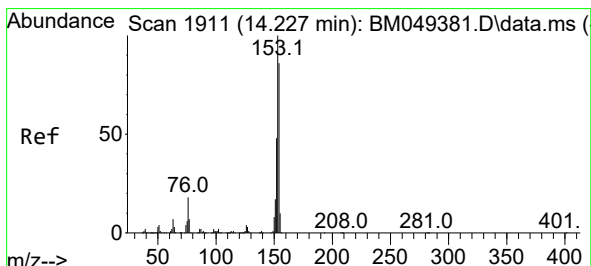
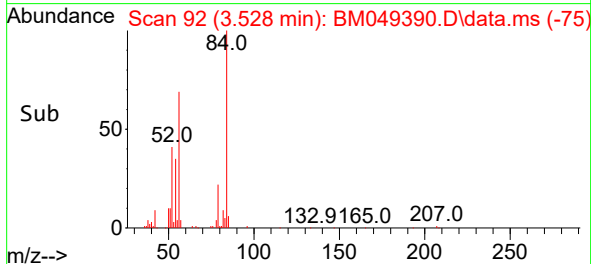
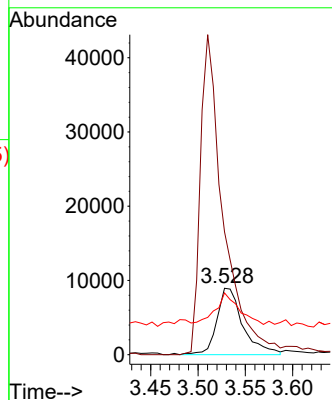
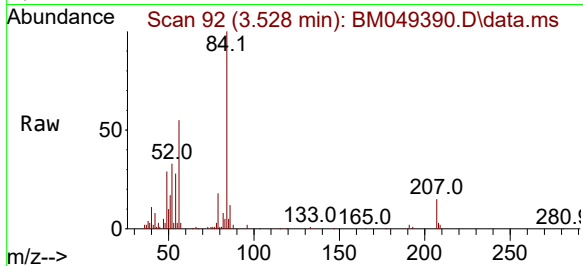




#5
 Pyridine
 Concen: 1.025 ng/ul
 RT: 3.528 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BM049390.D
 Acq: 22 Jan 2025 19:27

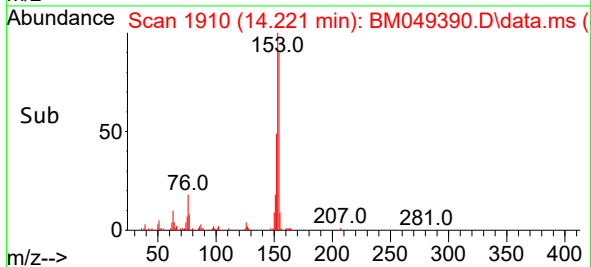
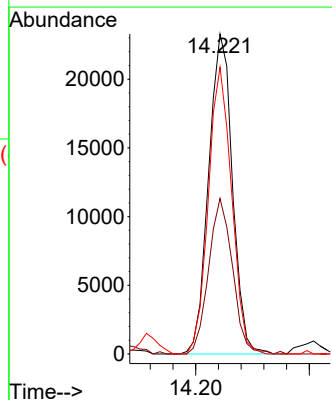
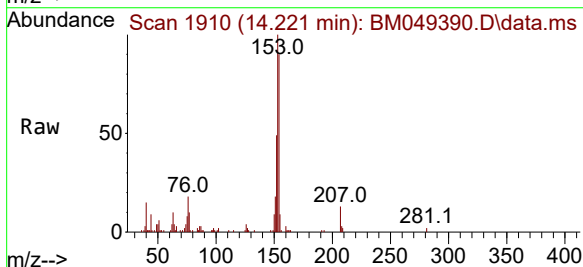
Instrument :
 BNA_M
 ClientSampleId :
 DCZJ3

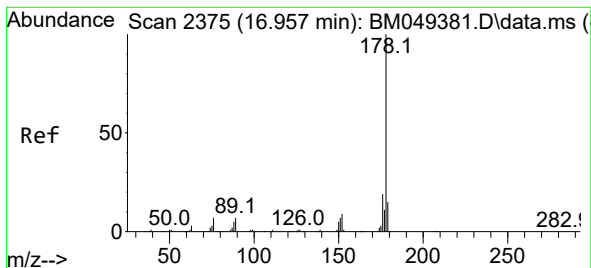
Tgt Ion: 79 Resp: 17174
 Ion Ratio Lower Upper
 79 100
 52 185.1 61.2 91.8#
 51 92.9 28.2 42.4#



#52
 Acenaphthene
 Concen: 1.127 ng/ul
 RT: 14.221 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: BM049390.D
 Acq: 22 Jan 2025 19:27

Tgt Ion: 153 Resp: 33915
 Ion Ratio Lower Upper
 153 100
 152 48.6 39.0 58.6
 154 89.6 71.6 107.4





#72

Phenanthrene

Concen: 2.776 ng/ul

RT: 16.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049390.D

Acq: 22 Jan 2025 19:27

Instrument :

BNA_M

ClientSampleId :

DCZJ3

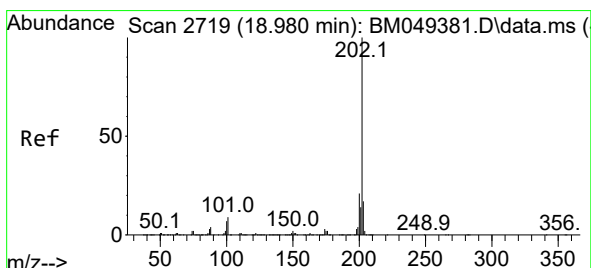
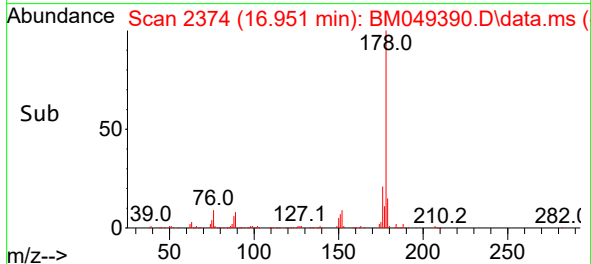
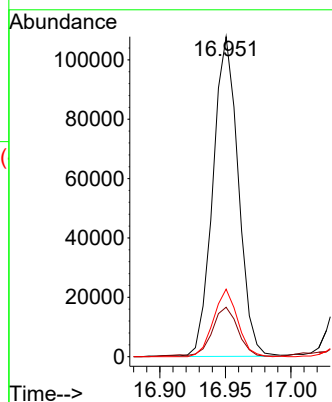
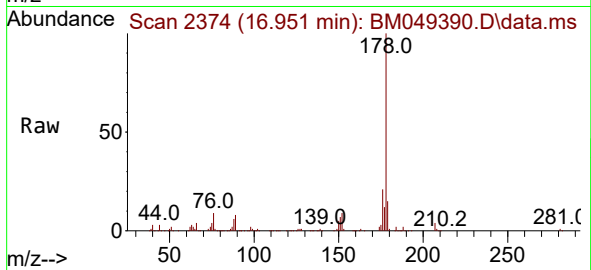
Tgt Ion:178 Resp: 144792

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 21.1 15.4 23.2



#80

Fluoranthene

Concen: 2.423 ng/ul

RT: 18.974 min Scan# 2718

Delta R.T. -0.012 min

Lab File: BM049390.D

Acq: 22 Jan 2025 19:27

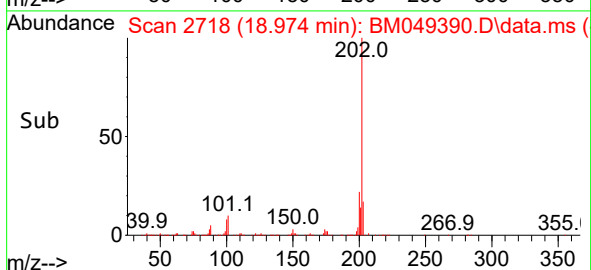
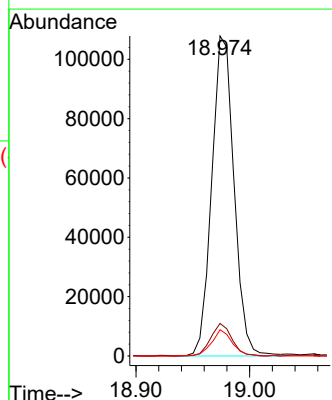
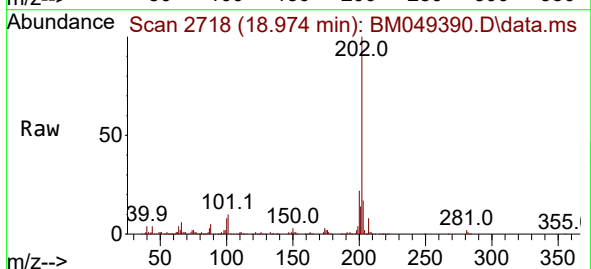
Tgt Ion:202 Resp: 146803

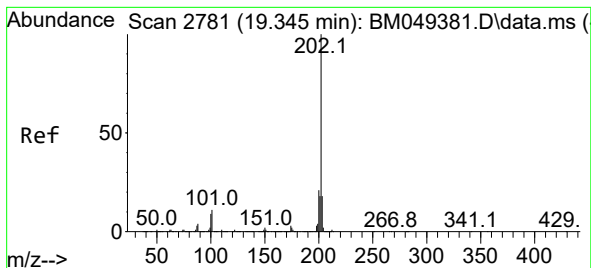
Ion Ratio Lower Upper

202 100

101 10.1 7.0 10.4

100 8.2 5.0 7.6#





#82

Pyrene

Concen: 2.237 ng/ul

RT: 19.339 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049390.D

Acq: 22 Jan 2025 19:27

Instrument :

BNA_M

ClientSampleId :

DCZJ3

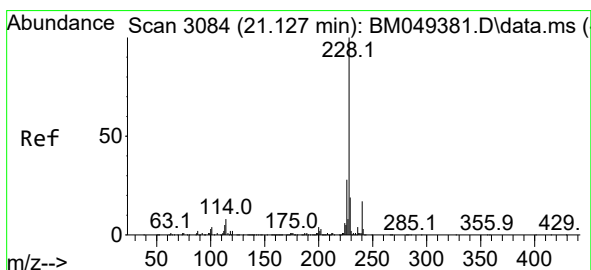
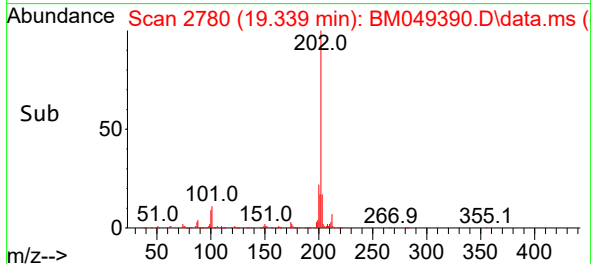
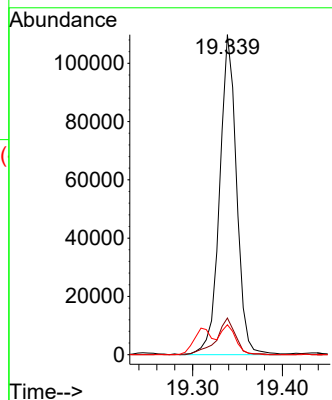
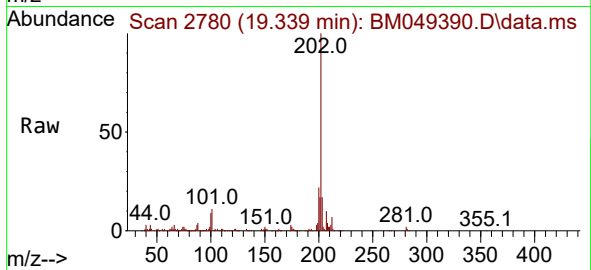
Tgt Ion:202 Resp: 144240

Ion Ratio Lower Upper

202 100

101 11.4 7.8 11.8

100 9.3 6.6 10.0



#85

Benzo(a)anthracene

Concen: 1.299 ng/ul

RT: 21.121 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM049390.D

Acq: 22 Jan 2025 19:27

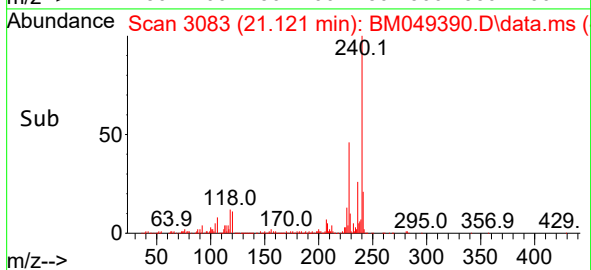
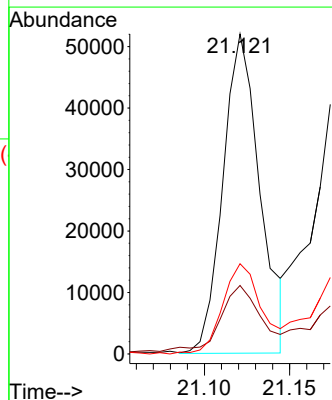
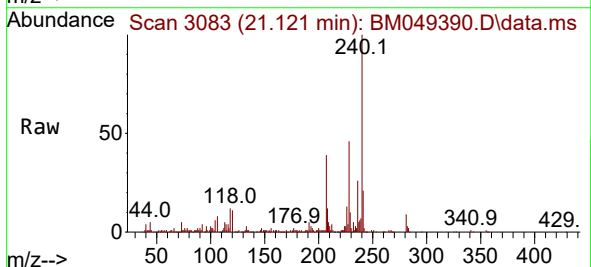
Tgt Ion:228 Resp: 78451

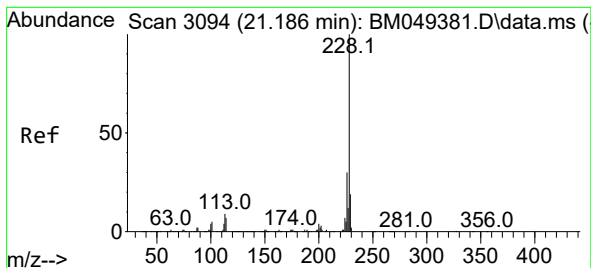
Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.6

226 28.2 22.1 33.1





#87

Chrysene

Concen: 1.314 ng/ul

RT: 21.180 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BM049390.D

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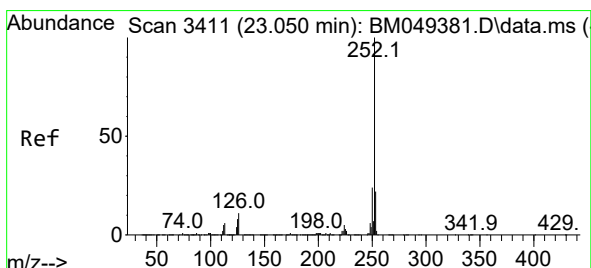
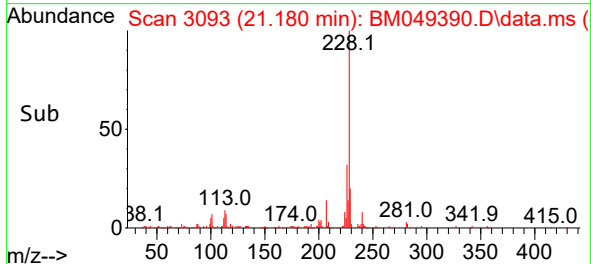
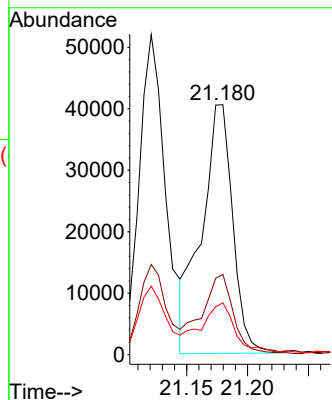
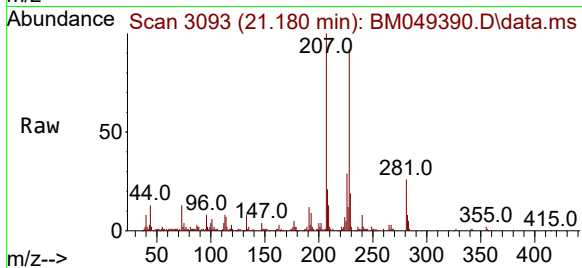
Tgt Ion:228 Resp: 72429

Ion Ratio Lower Upper

228 100

226 32.1 24.3 36.5

229 20.7 16.0 24.0



#90

Benzo(b)fluoranthene

Concen: 1.612 ng/ul

RT: 23.044 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM049390.D

Acq: 22 Jan 2025 19:27

Tgt Ion:252 Resp: 97377

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 10.9 6.6 9.8#

