

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045851.D
 Acq On : 05 Jun 2024 15:36
 Operator : MA/JU
 Sample : P2586-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D21

Quant Time: Jun 06 01:12:20 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

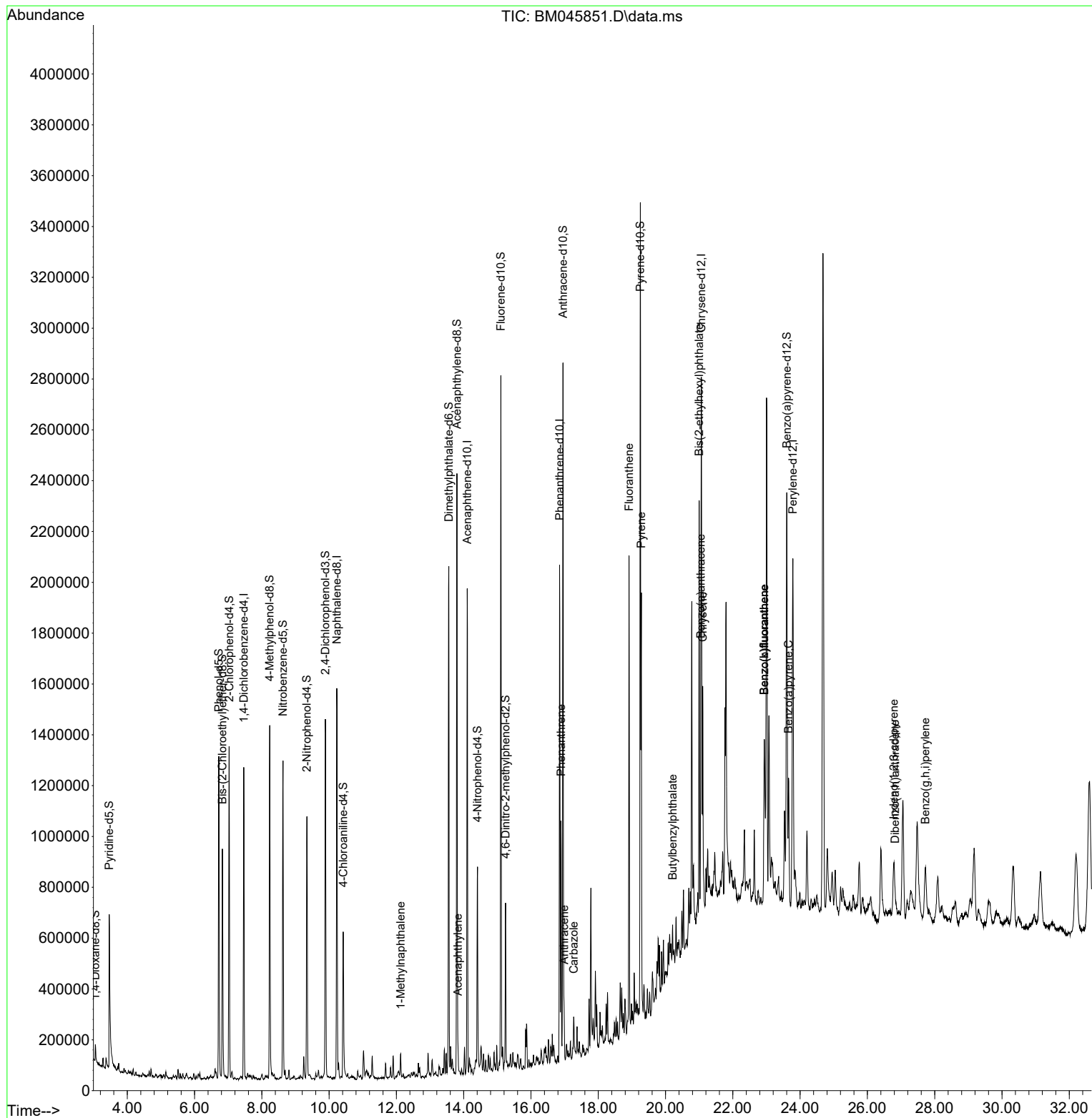
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	271526	20.000	ng/u1	0.00
20) Naphthalene-d8	10.228	136	1063996	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.104	164	575796	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.851	188	1018099	20.000	ng/u1	0.00
79) Chrysene-d12	21.062	240	825949	20.000	ng/u1	0.00
88) Perylene-d12	23.785	264	934458	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	29321	4.187	ng/uL	0.00
4) Pyridine-d5	3.463	84	377965	20.960	ng/u1	0.00
7) Phenol-d5	6.722	99	613783	26.609	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	420666	25.397	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	491683	28.536	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	454433	26.076	ng/u1	0.00
21) Nitrobenzene-d5	8.628	128	241231	28.998	ng/u1	0.00
24) 2-Nitrophenol-d4	9.339	143	260337	30.921	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	444286	28.140	ng/u1	0.00
31) 4-Chloroaniline-d4	10.416	131	306065	14.007	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	1187431	29.788	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1360105	29.383	ng/u1	0.00
54) 4-Nitrophenol-d4	14.410	143	151372	17.596	ng/u1	0.00
60) Fluorene-d10	15.104	176	953046	28.025	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	96242	18.512	ng/u1	0.00
73) Anthracene-d10	16.951	188	1307684	29.546	ng/u1	0.00
81) Pyrene-d10	19.250	212	1393082	27.121	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	1279538	29.297	ng/u1	0.00
Target Compounds						
					Qvalue	
37) 1-Methylnaphthalene	12.127	142	38585	1.027	ng/u1#	92
50) Acenaphthylene	13.827	152	60524	1.130	ng/u1	97
72) Phenanthrene	16.892	178	478167	8.914	ng/u1	100
74) Anthracene	16.986	178	103555	1.933	ng/u1	99
77) Carbazole	17.274	167	55495	1.214	ng/u1	97
80) Fluoranthene	18.915	202	959328	15.406	ng/u1	99
82) Pyrene	19.280	202	844915	13.206	ng/u1	99
83) Butylbenzylphthalate	20.209	149	27076	1.038	ng/u1	95
85) Benzo(a)anthracene	21.044	228	423077	7.419	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	20.997	149	470562	12.147	ng/u1	99
87) Chrysene	21.103	228	498574	9.450	ng/u1	96
90) Benzo(b)fluoranthene	22.933	252	624118	10.868	ng/u1	99
91) Benzo(k)fluoranthene	22.933	252	624118	11.127	ng/u1	97
93) Benzo(a)pyrene	23.656	252	396610	7.859	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.785	276	282185	5.121	ng/u1	96
95) Dibenzo(a,h)anthracene	26.821	278	77160	1.770	ng/u1#	86
96) Benzo(g,h,i)perylene	27.721	276	281913	5.808	ng/u1	99

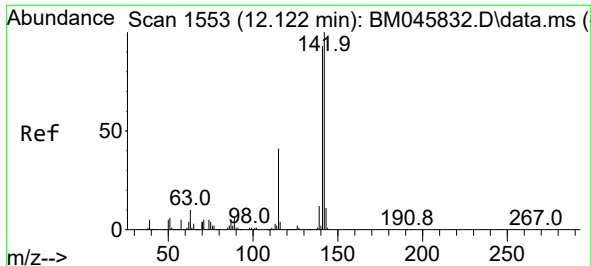
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1-Methylnaphthalene

Concen: 1.027 ng/ul

RT: 12.127 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM045851.D

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ClientSampleId :

A4D21

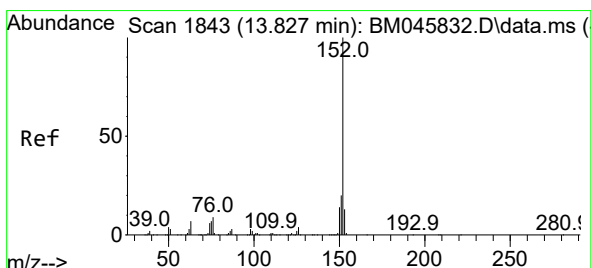
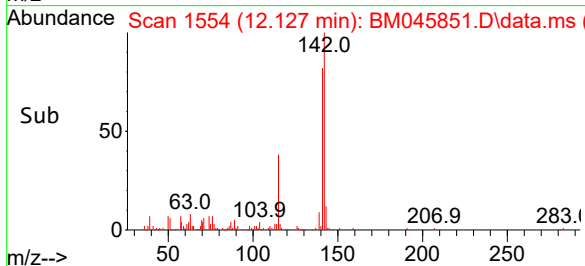
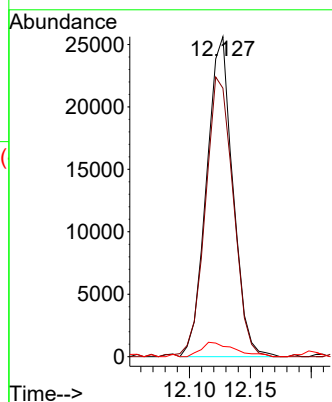
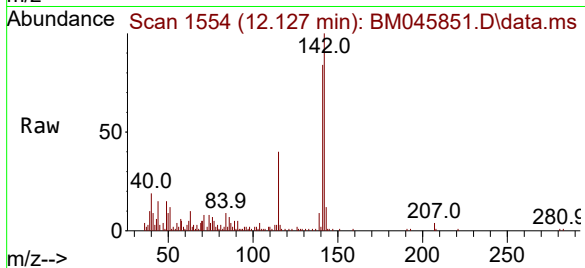
Tgt Ion:142 Resp: 38585

Ion Ratio Lower Upper

142 100

141 83.9 73.5 110.3

116 3.2 3.3 4.9#



#50

Acenaphthylene

Concen: 1.130 ng/ul

RT: 13.827 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BM045851.D

Acq: 05 Jun 2024 15:36

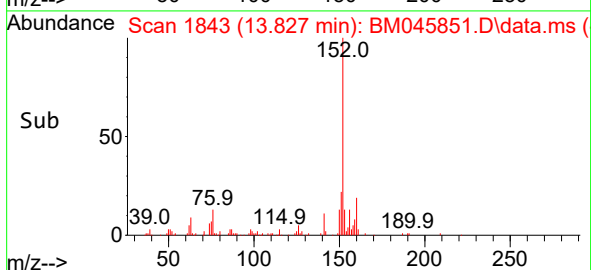
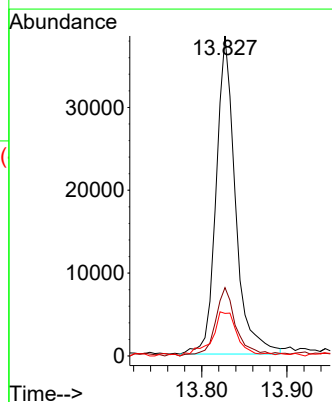
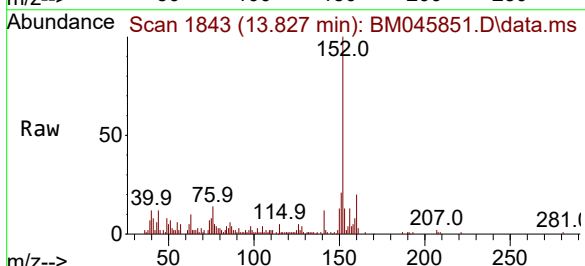
Tgt Ion:152 Resp: 60524

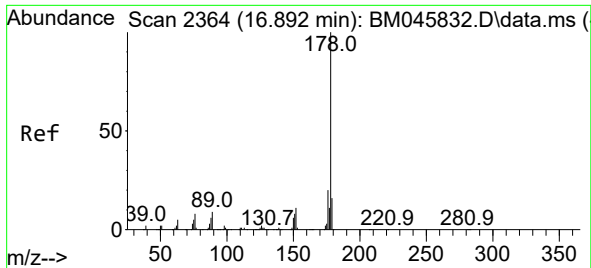
Ion Ratio Lower Upper

152 100

151 21.4 15.6 23.4

153 13.3 10.4 15.6

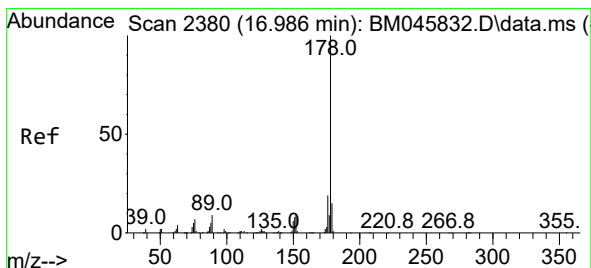
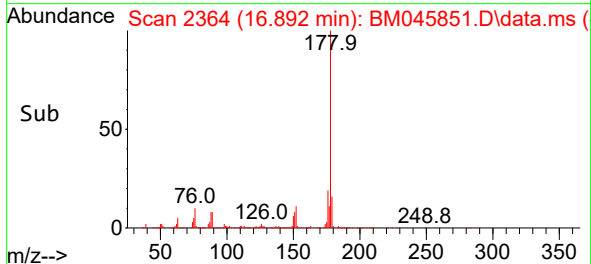
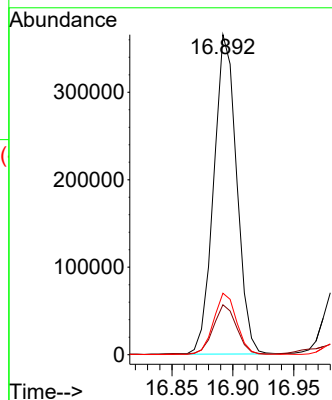
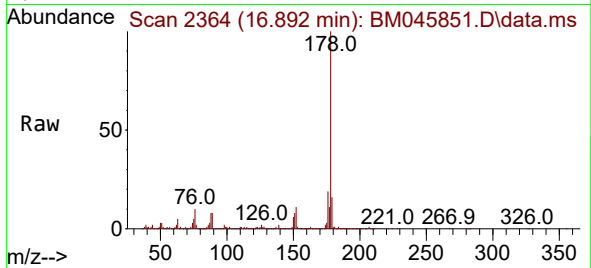




#72
Phenanthrene
Concen: 8.914 ng/ul
RT: 16.892 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045851.D
Acq: 05 Jun 2024 15:36

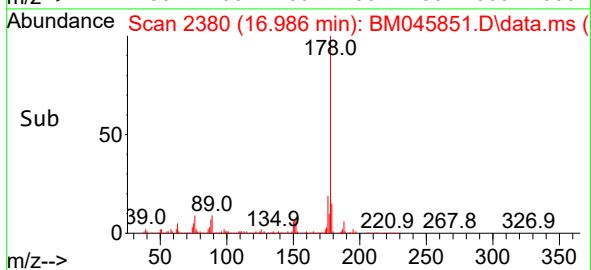
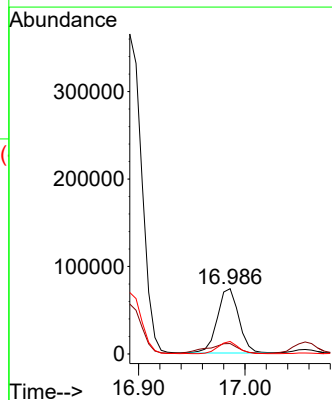
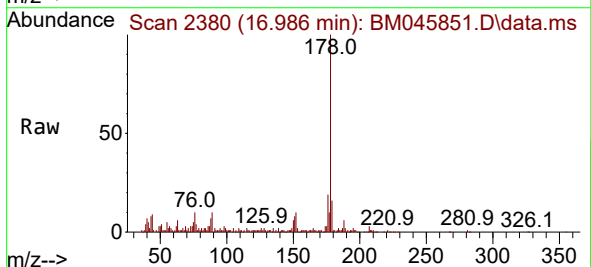
Instrument :
BNA_M
ClientSampleId :
A4D21

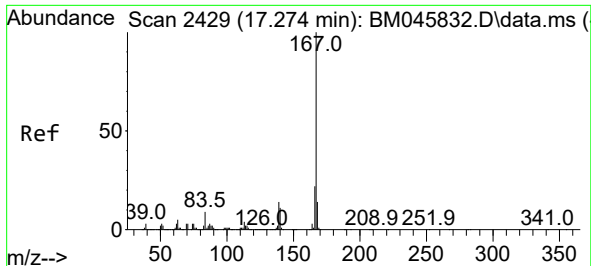
Tgt Ion:178 Resp: 478167
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.2 15.3 22.9



#74
Anthracene
Concen: 1.933 ng/ul
RT: 16.986 min Scan# 2380
Delta R.T. -0.006 min
Lab File: BM045851.D
Acq: 05 Jun 2024 15:36

Tgt Ion:178 Resp: 103555
Ion Ratio Lower Upper
178 100
179 15.9 12.0 18.0
176 19.2 15.0 22.6

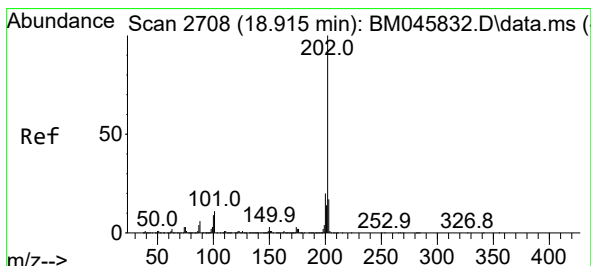
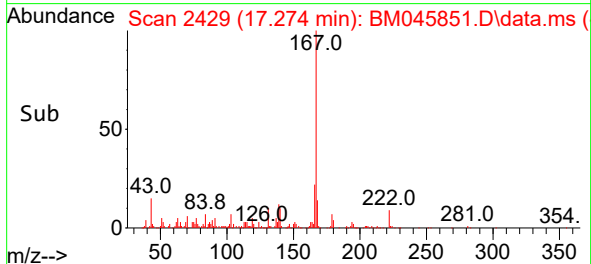
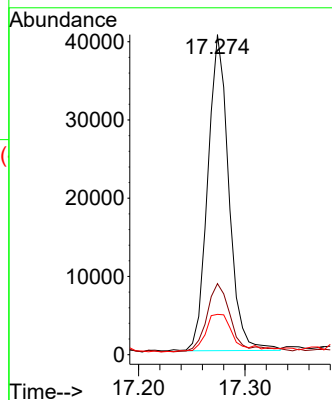
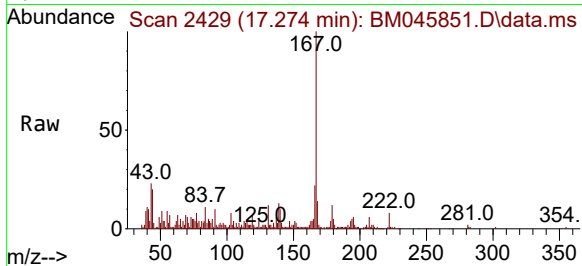




#77
 Carbazole
 Concen: 1.214 ng/ul
 RT: 17.274 min Scan# 2429
 Delta R.T. -0.006 min
 Lab File: BM045851.D
 Acq: 05 Jun 2024 15:36

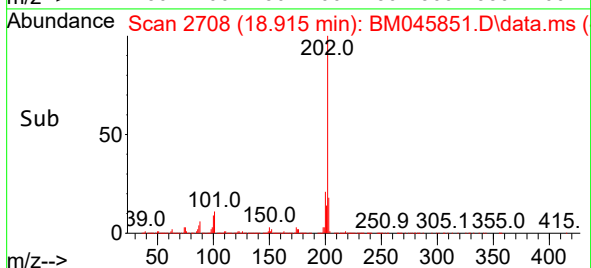
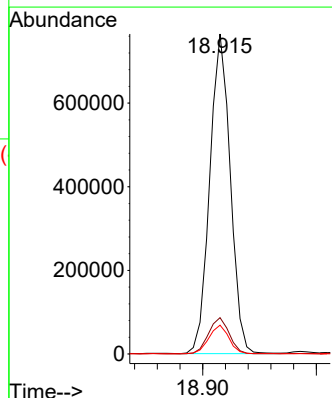
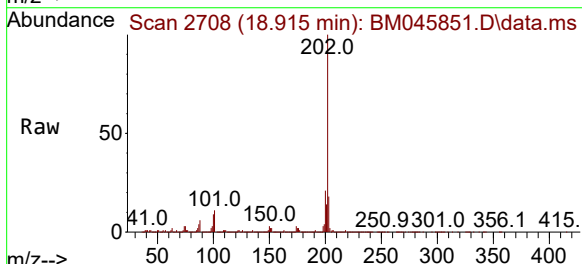
Instrument :
 BNA_M
 ClientSampleId :
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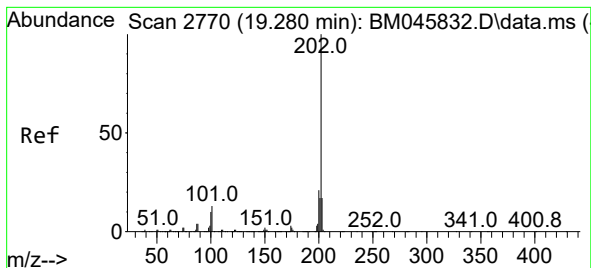
Tgt Ion:167 Resp: 55495
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.6 24.8
 139 12.6 10.6 16.0



#80
 Fluoranthene
 Concen: 15.406 ng/ul
 RT: 18.915 min Scan# 2708
 Delta R.T. -0.006 min
 Lab File: BM045851.D
 Acq: 05 Jun 2024 15:36

Tgt Ion:202 Resp: 959328
 Ion Ratio Lower Upper
 202 100
 101 11.4 8.9 13.3
 100 9.0 6.6 10.0





#82

Pyrene

Concen: 13.206 ng/ul

RT: 19.280 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045851.D

Acq: 05 Jun 2024 15:36

Instrument :

BNA_M

ClientSampleId :

A4D21

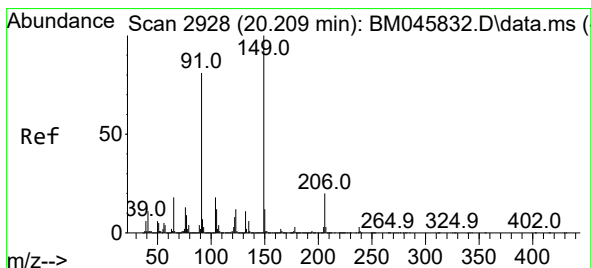
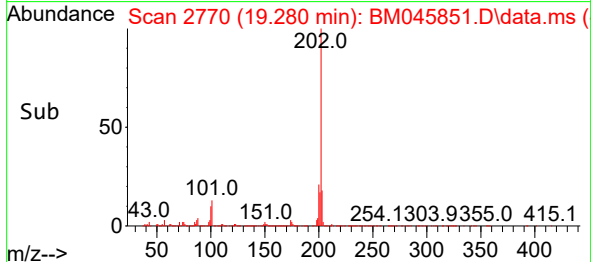
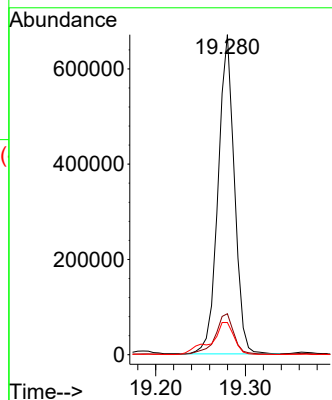
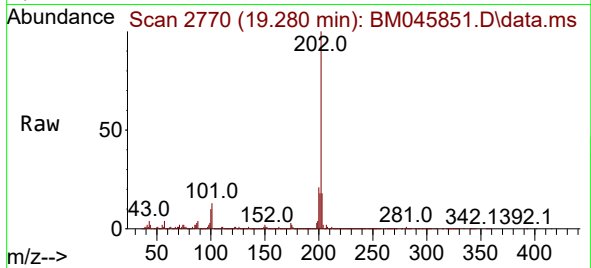
Tgt Ion:202 Resp: 844915

Ion Ratio Lower Upper

202 100

101 12.8 10.5 15.7

100 10.1 8.6 12.8



#83

Butylbenzylphthalate

Concen: 1.038 ng/ul

RT: 20.209 min Scan# 2928

Delta R.T. -0.006 min

Lab File: BM045851.D

Acq: 05 Jun 2024 15:36

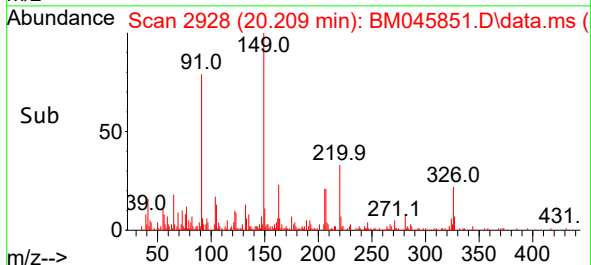
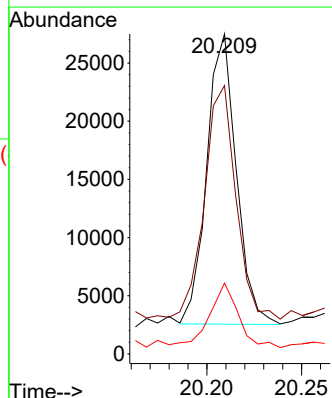
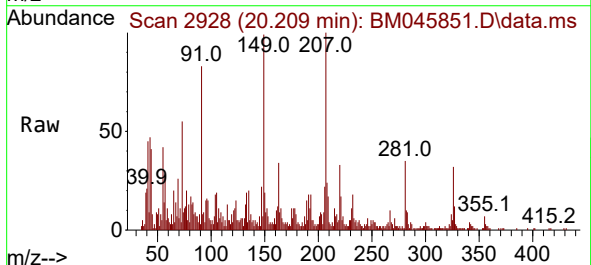
Tgt Ion:149 Resp: 27076

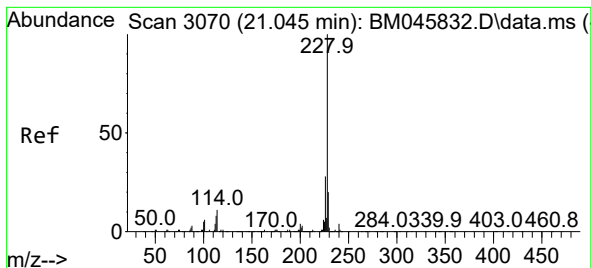
Ion Ratio Lower Upper

149 100

91 83.9 63.7 95.5

206 22.1 15.9 23.9





#85

Benzo(a)anthracene

Concen: 7.419 ng/ul

RT: 21.044 min Scan# 3070

Delta R.T. -0.006 min

Lab File: BM045851.D

Acq: 05 Jun 2024 15:36

Instrument :

BNA_M

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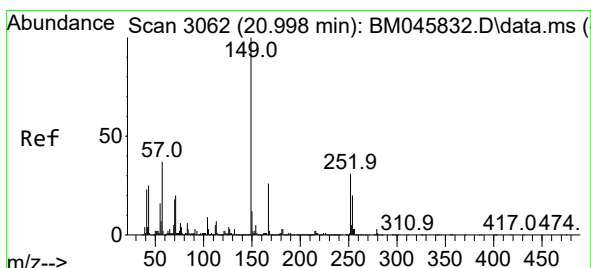
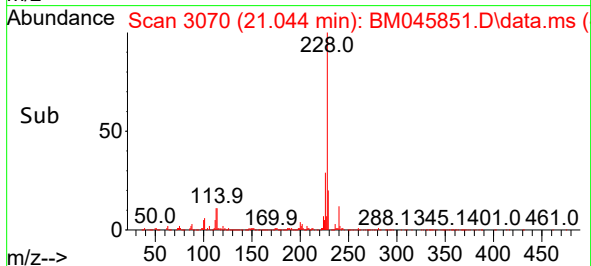
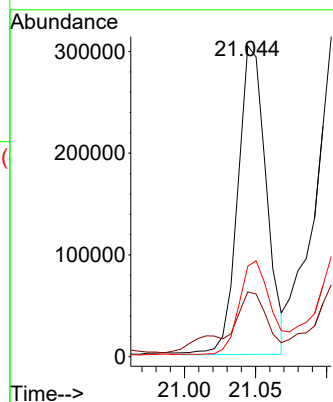
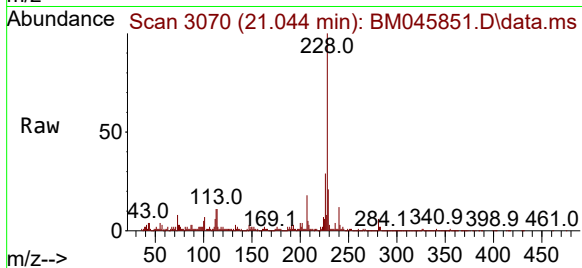
Tgt Ion:228 Resp: 423077

Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.8

226 29.1 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 12.147 ng/ul

RT: 20.997 min Scan# 3062

Delta R.T. -0.012 min

Lab File: BM045851.D

Acq: 05 Jun 2024 15:36

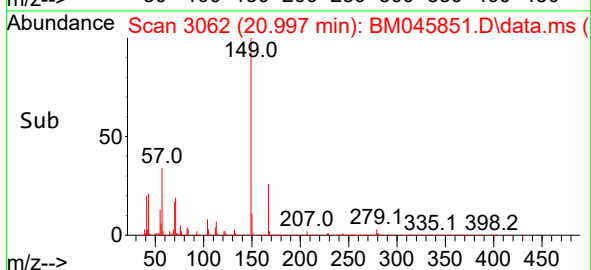
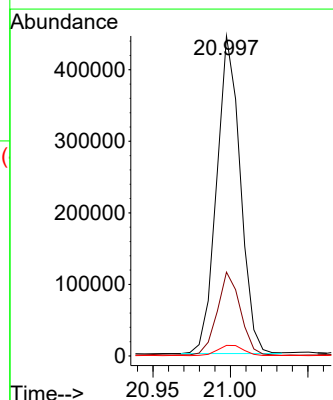
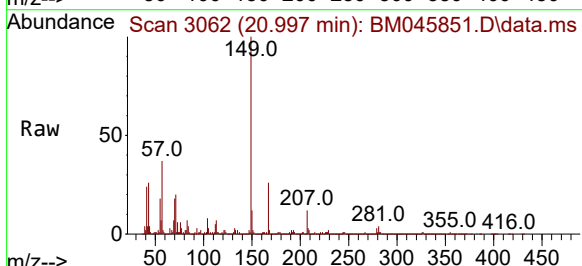
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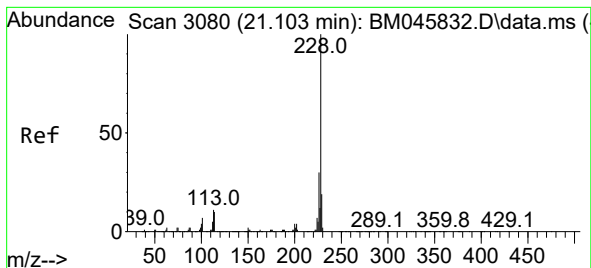
Ion Ratio Lower Upper

149 100

167 26.2 20.4 30.6

279 3.3 3.1 4.7





#87

Chrysene

Concen: 9.450 ng/ul

RT: 21.103 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BM045851.D

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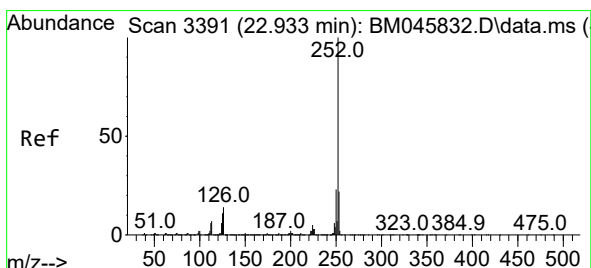
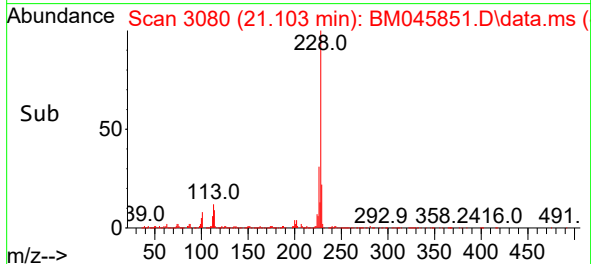
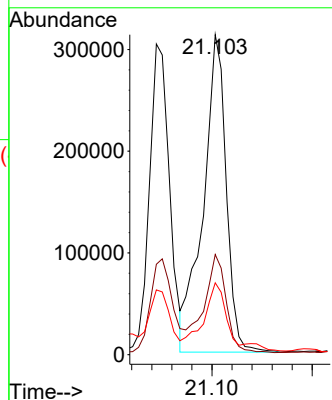
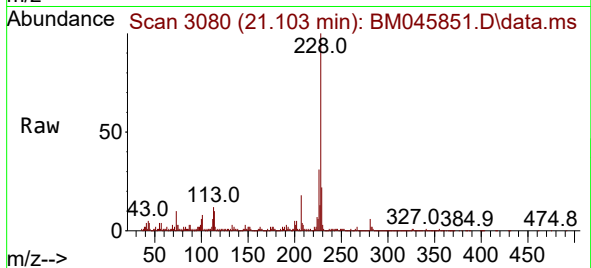
Tgt Ion:228 Resp: 498574

Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.2

229 22.4 15.2 22.8



#90

Benzo(b)fluoranthene

Concen: 10.868 ng/ul

RT: 22.933 min Scan# 3391

Delta R.T. -0.006 min

Lab File: BM045851.D

Acq: 05 Jun 2024 15:36

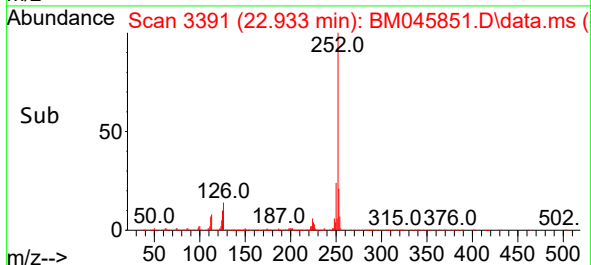
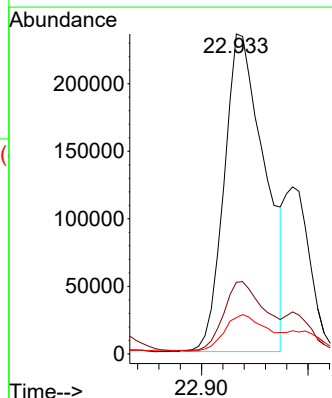
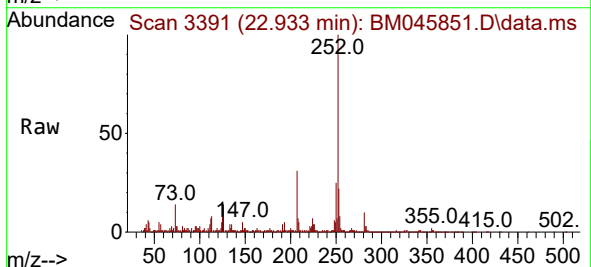
Tgt Ion:252 Resp: 624118

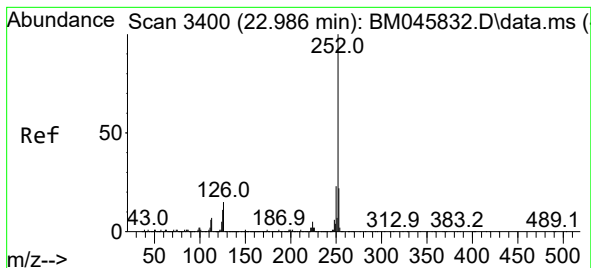
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 11.4 8.4 12.6





#91

Benzo(k)fluoranthene

Concen: 11.127 ng/ul

RT: 22.933 min Scan# 3

Delta R.T. -0.065 min

Lab File: BM045851.D

Acq: 05 Jun 2024 15:36

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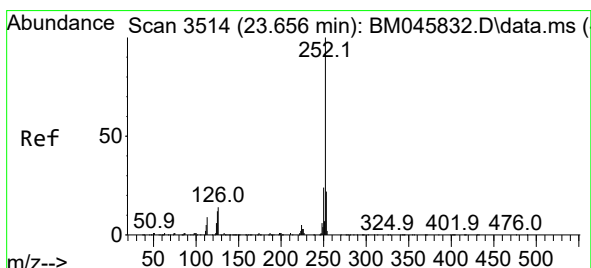
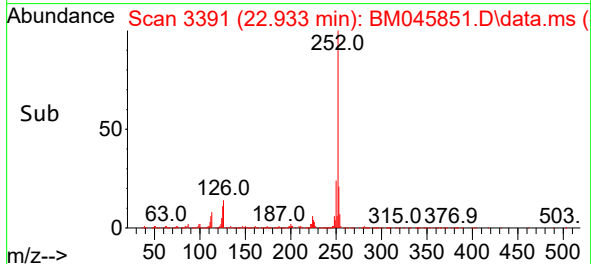
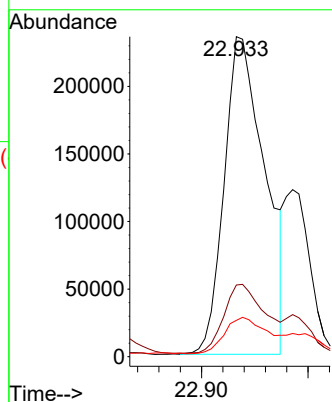
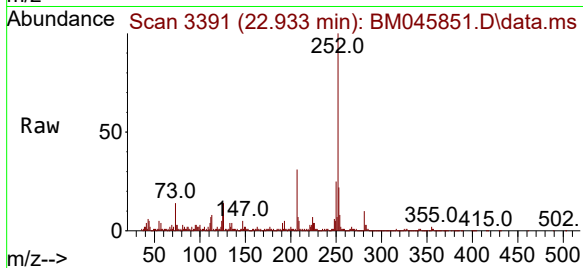
Tgt Ion:252 Resp: 624118

Ion Ratio Lower Upper

252 100

253 22.4 16.8 25.2

125 11.4 8.2 12.4



#93

Benzo(a)pyrene

Concen: 7.859 ng/ul

RT: 23.656 min Scan# 3514

Delta R.T. -0.006 min

Lab File: BM045851.D

Acq: 05 Jun 2024 15:36

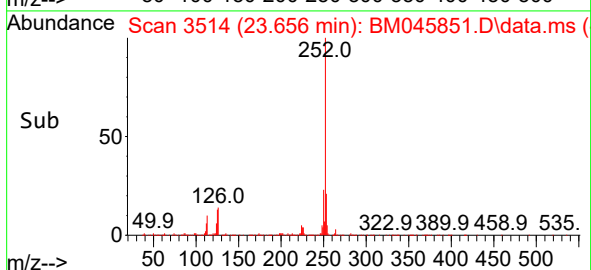
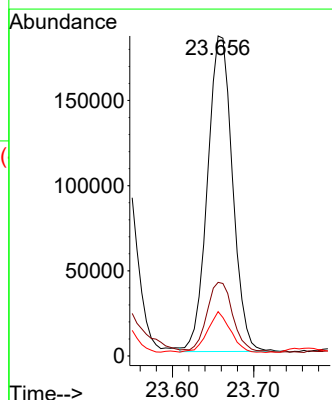
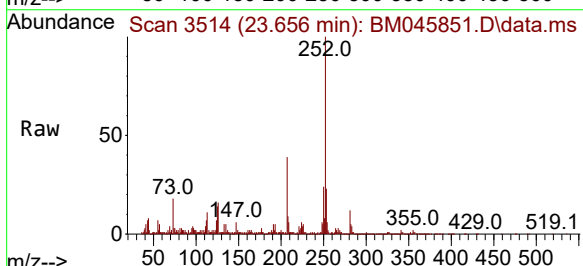
Tgt Ion:252 Resp: 396610

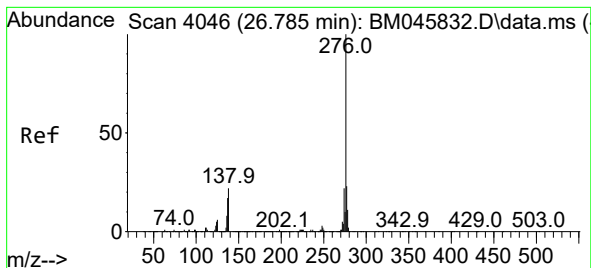
Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 13.8 9.3 13.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.121 ng/ul

RT: 26.785 min Scan# 4046

Delta R.T. -0.006 min

Lab File: BM045851.D

Acq: 05 Jun 2024 15:36

Instrument :

BNA_M

ClientSampleId :

A4D21

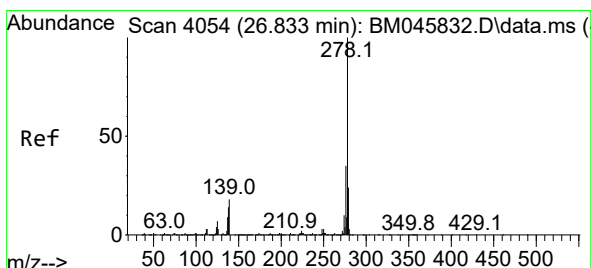
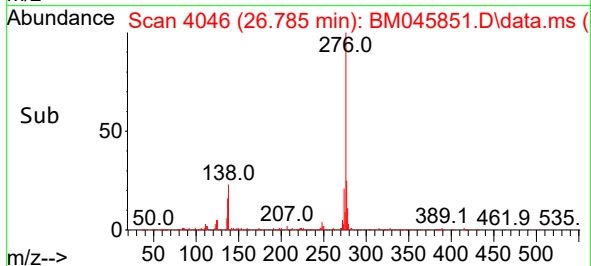
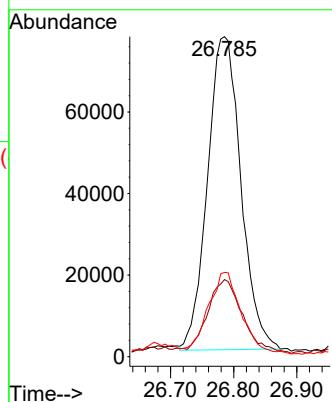
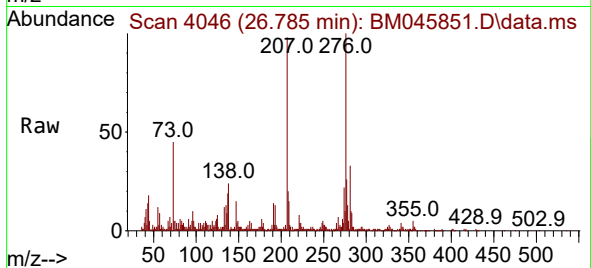
Tgt Ion:276 Resp: 282185

Ion Ratio Lower Upper

276 100

138 24.1 17.9 26.9

277 26.3 19.0 28.6



#95

Dibenzo(a,h)anthracene

Concen: 1.770 ng/ul

RT: 26.821 min Scan# 4052

Delta R.T. -0.018 min

Lab File: BM045851.D

Acq: 05 Jun 2024 15:36

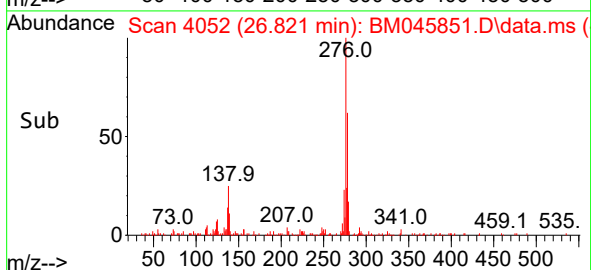
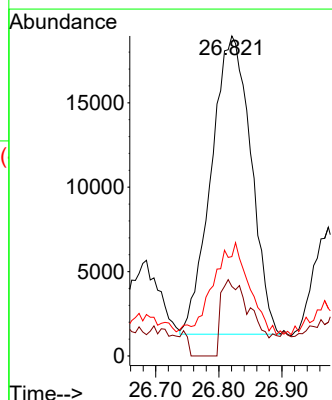
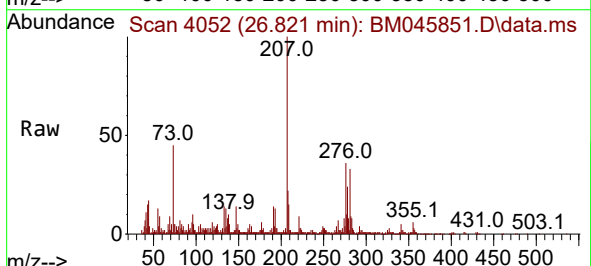
Tgt Ion:278 Resp: 77160

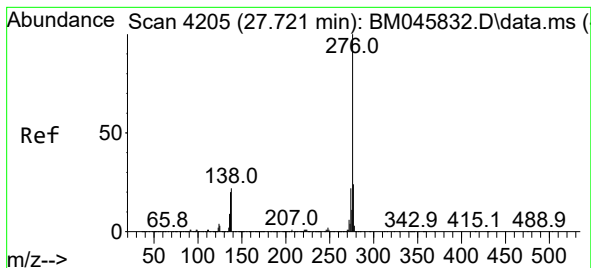
Ion Ratio Lower Upper

278 100

139 21.7 13.2 19.8#

279 31.0 19.1 28.7#





#96

Benzo(g,h,i)perylene

Concen: 5.808 ng/ul

RT: 27.721 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM045851.D

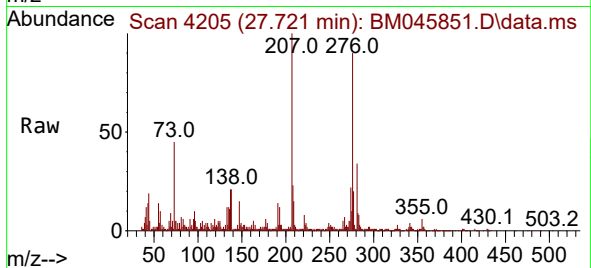
Acq: 05 Jun 2024 15:36

Instrument :

BNA_M

ClientSampleId :

A4D21



Tgt Ion:276 Resp: 281913

Ion Ratio Lower Upper

276 100

138 23.9 18.6 27.8

277 22.8 18.7 28.1

