

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037917.D
 Acq On : 09 Dec 2022 15:16
 Operator : CG/JU
 Sample : N5896-05 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXM3

Quant Time: Dec 09 21:48:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

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

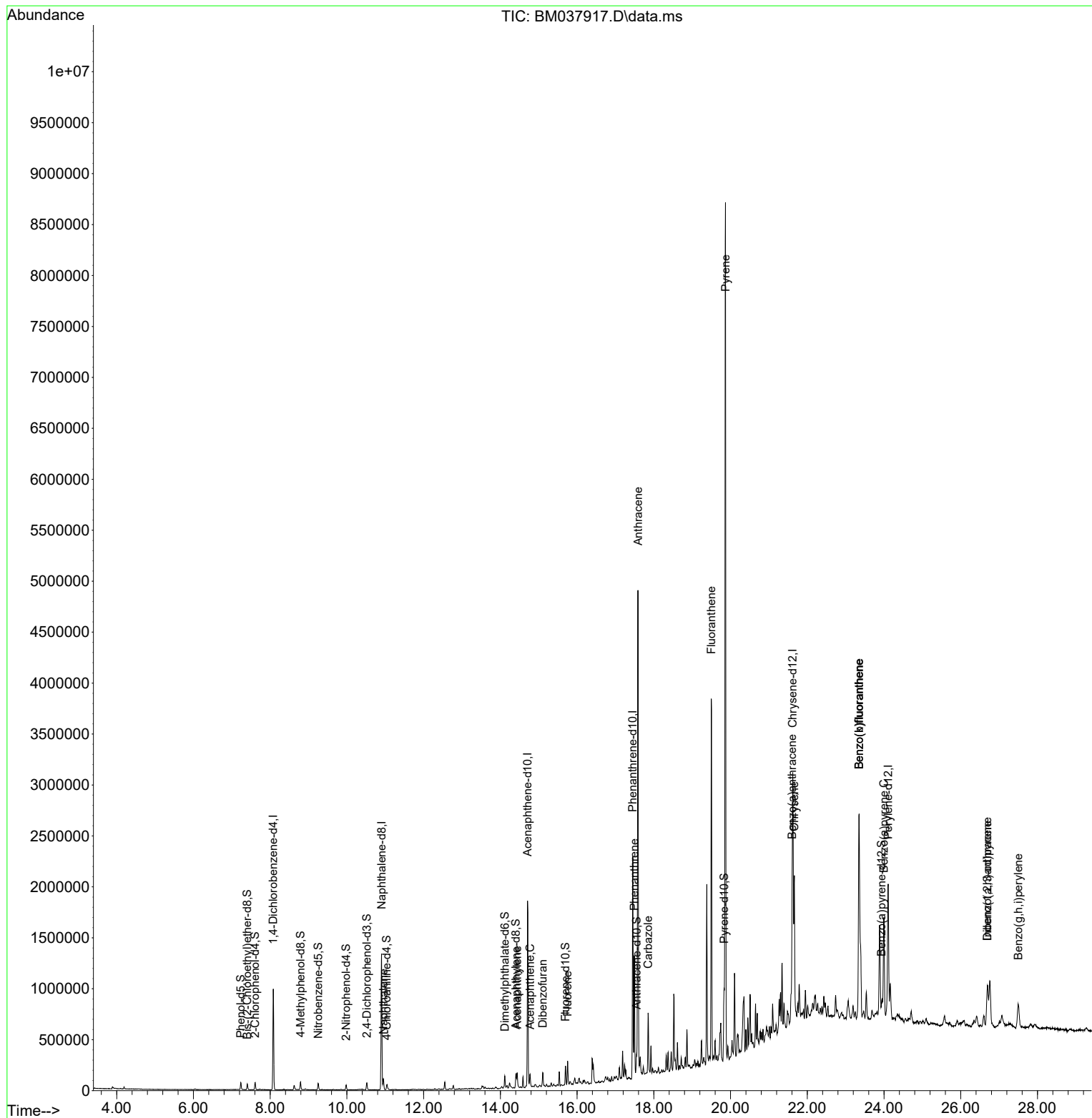
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	267835	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1101223	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	635347	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1315402	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	969847	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1061611	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1264	0.214	ng/uL	0.00
4) Pyridine-d5	3.863	84	528	0.030	ng/ul	0.00
7) Phenol-d5	7.234	99	37710	1.733	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	23595	1.780	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	32479	1.819	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	28396	1.671	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	15780	1.810	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	14725	1.612	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	27142	1.564	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	28127	1.174	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	84003	1.855	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	96275	1.739	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	6424	0.832	ng/ul	0.00
60) Fluorene-d10	15.698	176	76094	1.886	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	6916	0.983	ng/ul	0.00
73) Anthracene-d10	17.551	188	130698	2.129	ng/ul	0.00
81) Pyrene-d10	19.833	212	129469	2.222	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	106219	2.003	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.951	128	85793	1.444	ng/ul	99
50) Acenaphthylene	14.439	152	121779	2.001	ng/ul	99
52) Acenaphthene	14.774	153	48961	1.163	ng/ul	96
56) Dibenzofuran	15.104	168	96601	1.680	ng/ul	100
61) Fluorene	15.751	166	104749	2.234	ng/ul	98
72) Phenanthrene	17.492	178	696706	9.699	ng/ul	100
74) Anthracene	17.586	178	2918986	39.985	ng/ul	99
77) Carbazole	17.851	167	366459	5.794	ng/ul	98
80) Fluoranthene	19.498	202	2150370	31.275	ng/ul	100
82) Pyrene	19.868	202	5268359	73.624	ng/ul	99
85) Benzo(a)anthracene	21.603	228	630869	9.662	ng/ul	97
87) Chrysene	21.662	228	720837	11.767	ng/ul	98
90) Benzo(b)fluoranthene	23.350	252	1903852	28.927	ng/ul	98
91) Benzo(k)fluoranthene	23.350	252	1903852	29.848	ng/ul	98
93) Benzo(a)pyrene	23.997	252	771973	13.338	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.697	276	439179	5.892	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.697	278	108596	1.728	ng/ul#	85
96) Benzo(g,h,i)perylene	27.497	276	329169	5.531	ng/ul	98

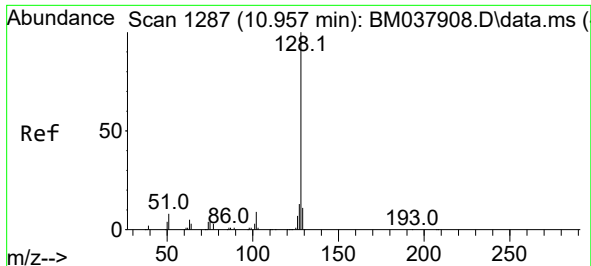
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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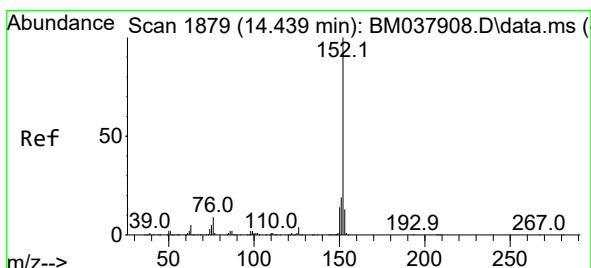
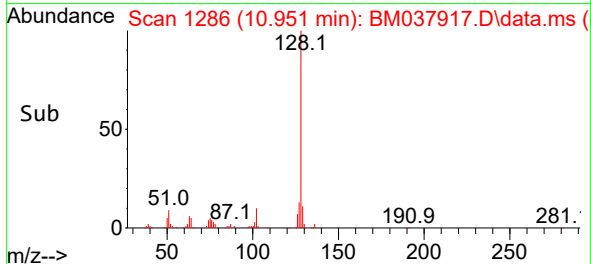
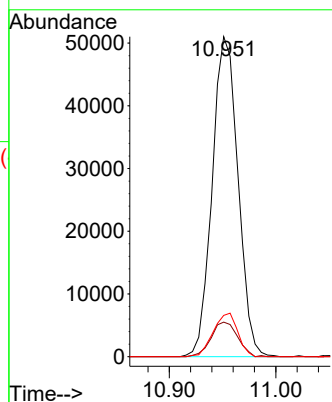
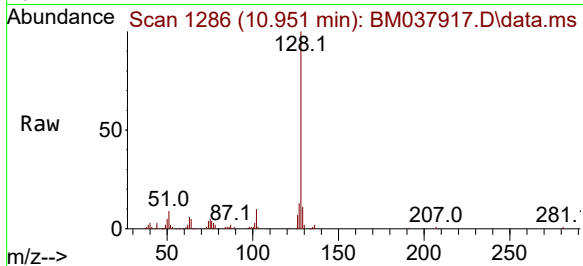




#30
Naphthalene
Concen: 1.444 ng/ul
RT: 10.951 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

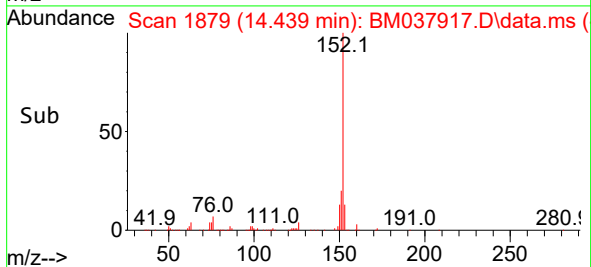
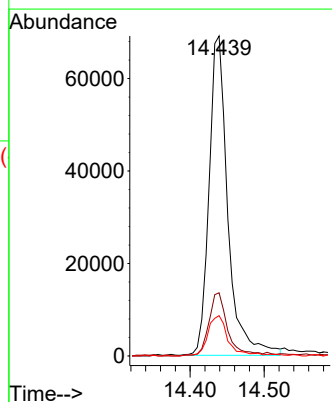
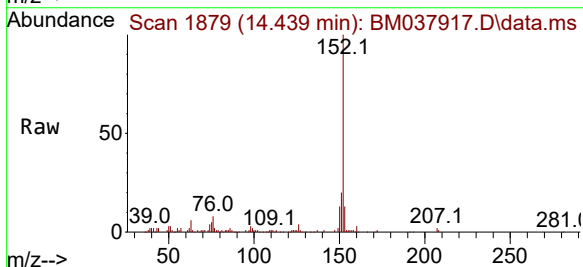
Instrument :
BNA_M
ClientSampleId :
DBXM3

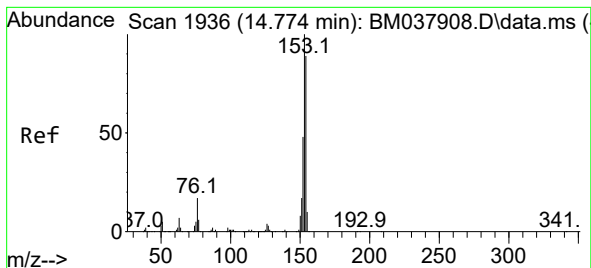
Tgt Ion:128 Resp: 85793
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.9 10.4 15.6



#50
Acenaphthylene
Concen: 2.001 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

Tgt Ion:152 Resp: 121779
Ion Ratio Lower Upper
152 100
151 19.8 15.3 22.9
153 12.6 10.2 15.4





#52

Acenaphthene

Concen: 1.163 ng/ul

RT: 14.774 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BM037917.D

Acq: 09 Dec 2022 15:16

Instrument :

BNA_M

ClientSampleId :

DBXM3

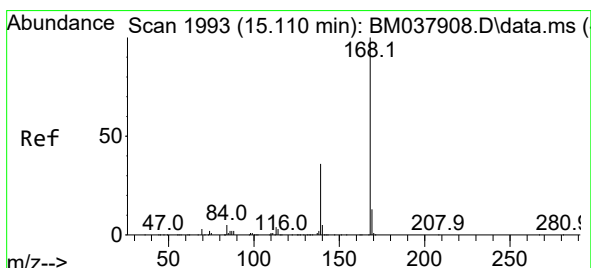
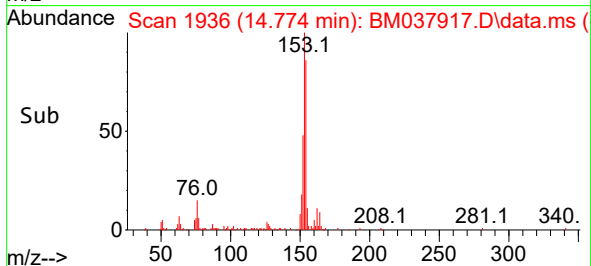
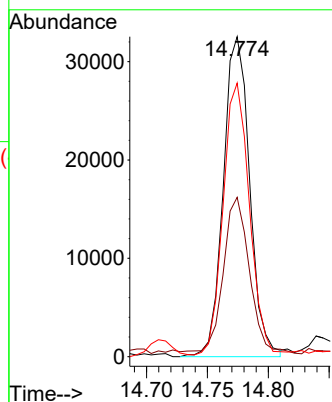
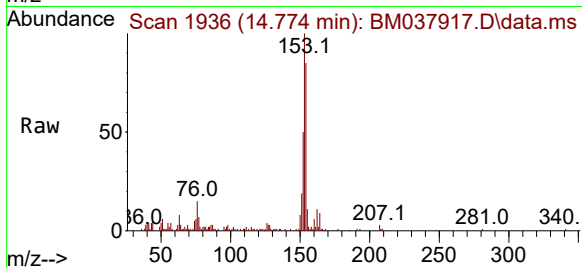
Tgt Ion:153 Resp: 48961

Ion Ratio Lower Upper

153 100

152 49.8 38.2 57.4

154 85.5 71.4 107.0



#56

Dibenzofuran

Concen: 1.680 ng/ul

RT: 15.104 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BM037917.D

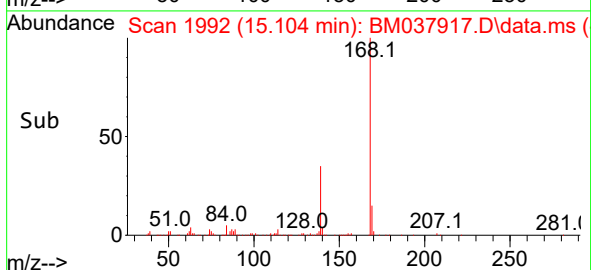
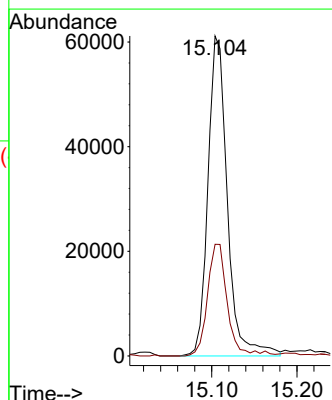
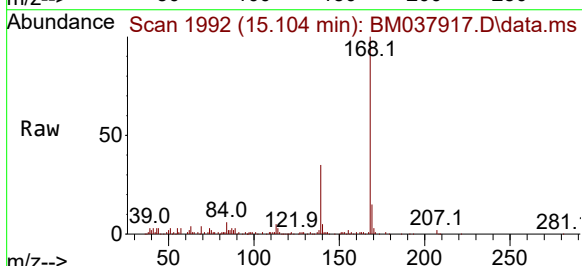
Acq: 09 Dec 2022 15:16

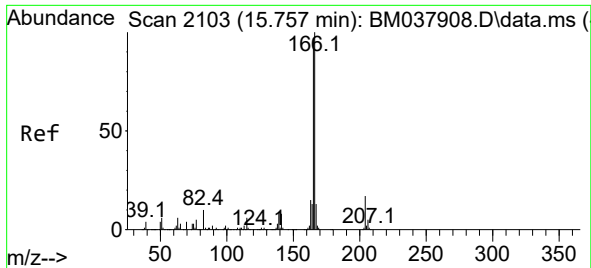
Tgt Ion:168 Resp: 96601

Ion Ratio Lower Upper

168 100

139 34.9 28.1 42.1

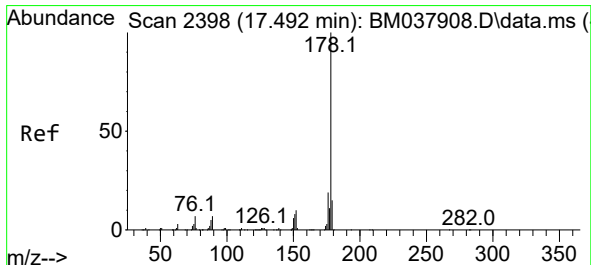
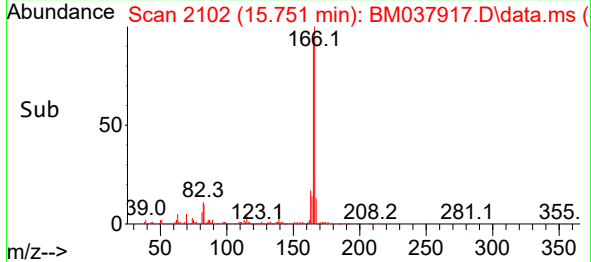
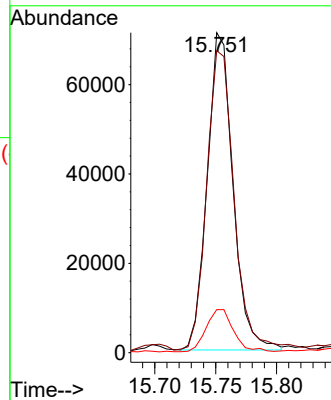
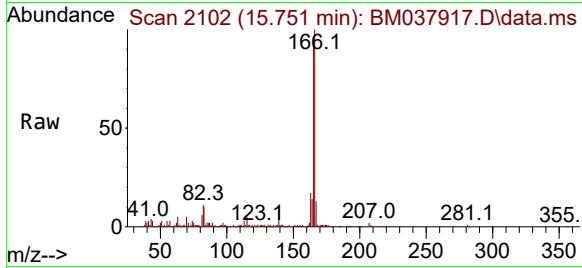




#61
Fluorene
Concen: 2.234 ng/ul
RT: 15.751 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

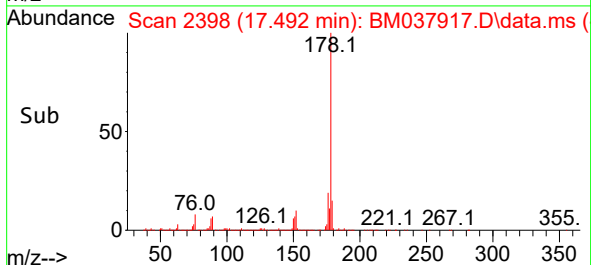
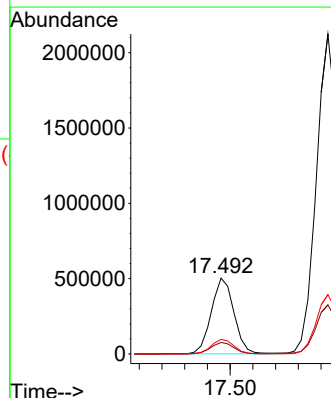
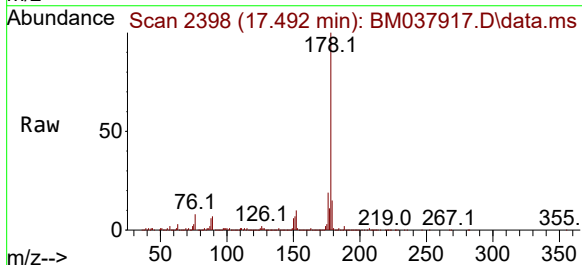
Instrument :
BNA_M
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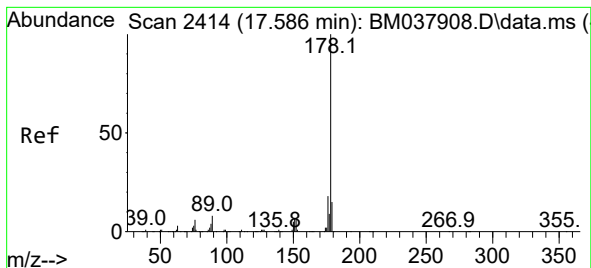
Tgt Ion:166 Resp: 104749
Ion Ratio Lower Upper
166 100
165 94.4 77.2 115.8
167 13.5 10.4 15.6



#72
Phenanthrene
Concen: 9.699 ng/ul
RT: 17.492 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

Tgt Ion:178 Resp: 696706
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.3 15.4 23.0





#74

Anthracene

Concen: 39.985 ng/ul

RT: 17.586 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM037917.D

Acq: 09 Dec 2022 15:16

Instrument :

BNA_M

ClientSampleId :

DBXM3

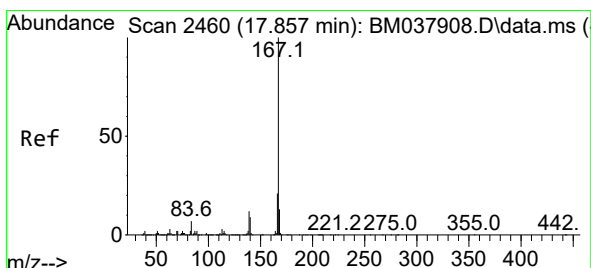
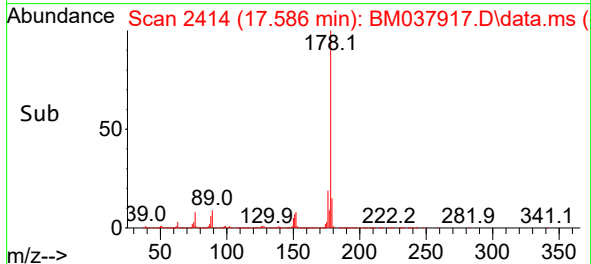
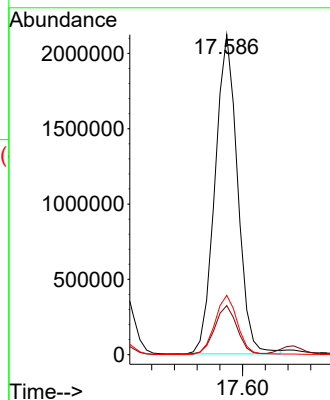
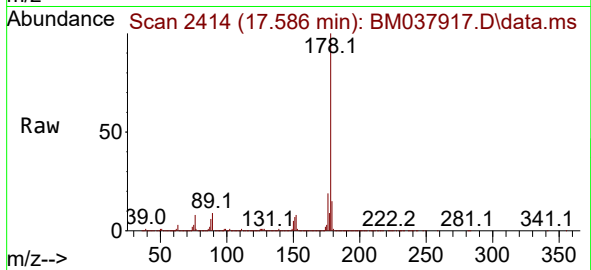
Tgt Ion:178 Resp: 2918986

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

176 18.6 15.0 22.6



#77

Carbazole

Concen: 5.794 ng/ul

RT: 17.851 min Scan# 2459

Delta R.T. -0.006 min

Lab File: BM037917.D

Acq: 09 Dec 2022 15:16

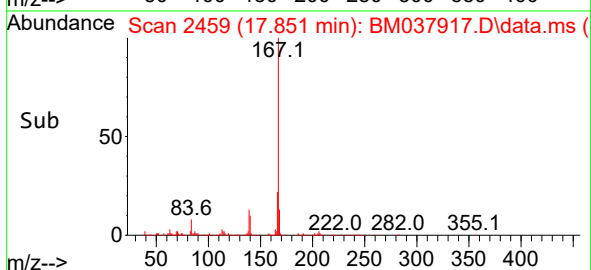
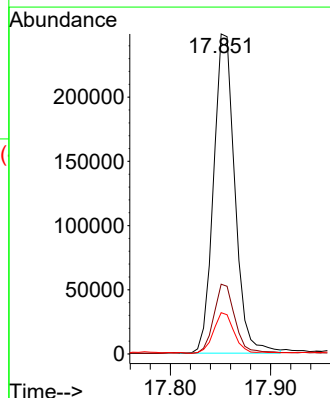
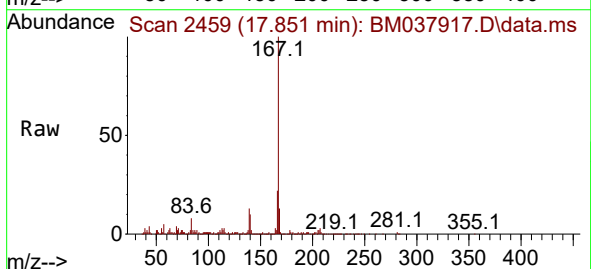
Tgt Ion:167 Resp: 366459

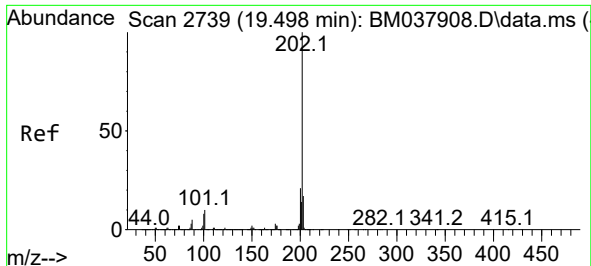
Ion Ratio Lower Upper

167 100

166 21.8 16.7 25.1

139 12.9 9.8 14.6

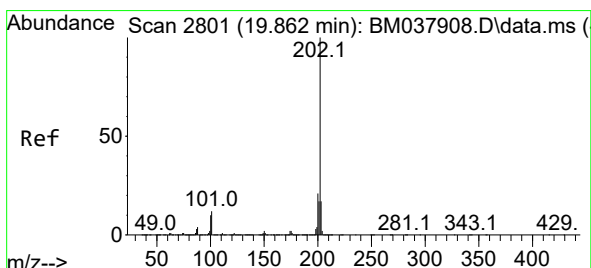
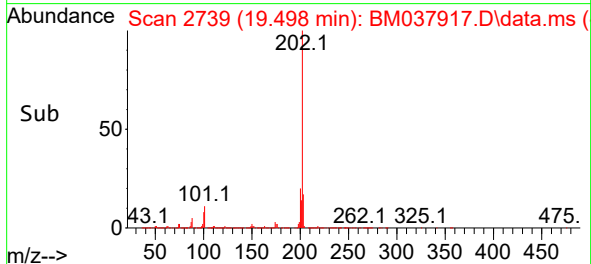
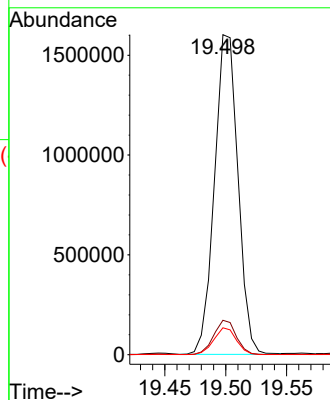
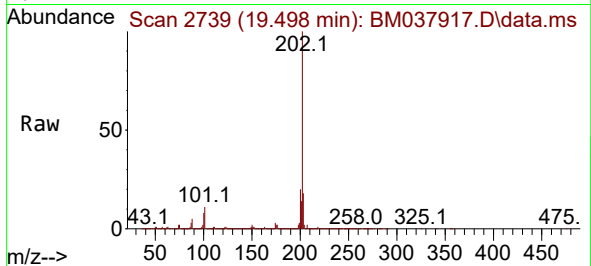




#80
Fluoranthene
Concen: 31.275 ng/ul
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

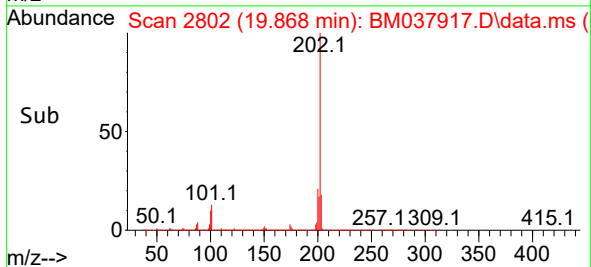
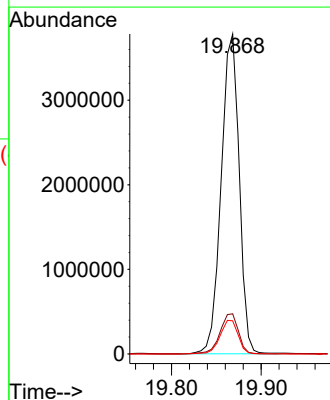
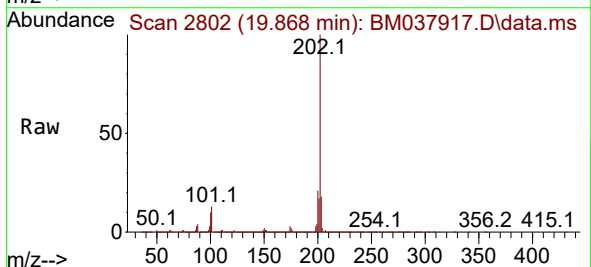
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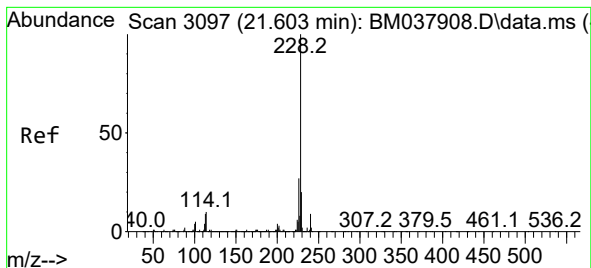
Tgt Ion:202 Resp: 2150370
Ion Ratio Lower Upper
202 100
101 10.7 8.6 13.0
100 8.4 6.6 10.0



#82
Pyrene
Concen: 73.624 ng/ul
RT: 19.868 min Scan# 2802
Delta R.T. 0.006 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

Tgt Ion:202 Resp: 5268359
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 10.4 7.9 11.9





#85

Benzo(a)anthracene

Concen: 9.662 ng/ul

RT: 21.603 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BM037917.D

Acq: 09 Dec 2022 15:16

Instrument :

BNA_M

ClientSampleId :

DBXM3

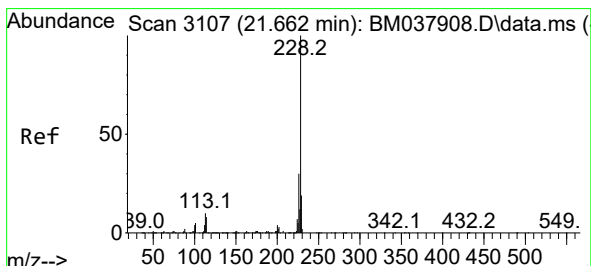
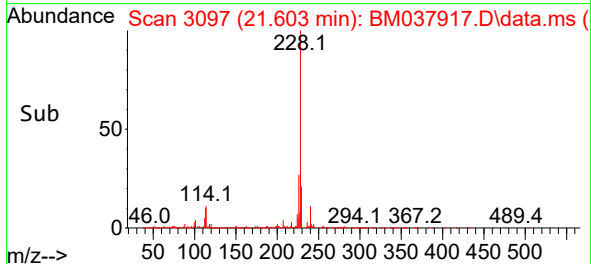
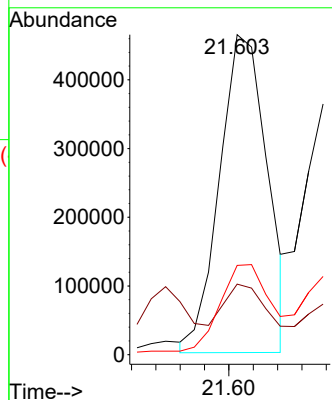
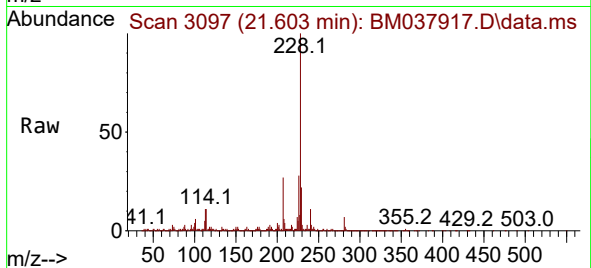
Tgt Ion:228 Resp: 630869

Ion Ratio Lower Upper

228 100

229 22.1 15.5 23.3

226 27.9 21.8 32.8



#87

Chrysene

Concen: 11.767 ng/ul

RT: 21.662 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BM037917.D

Acq: 09 Dec 2022 15:16

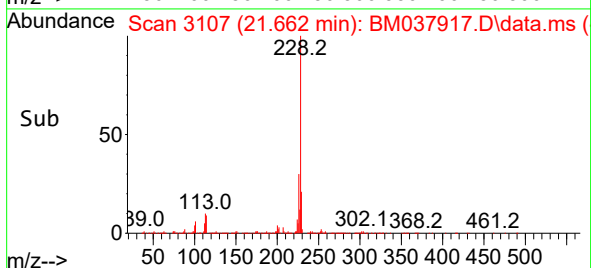
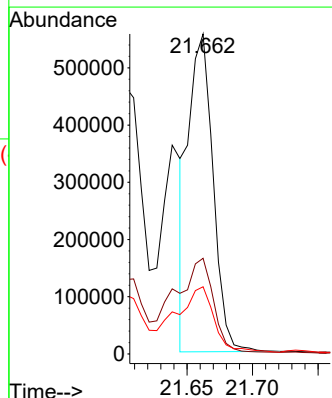
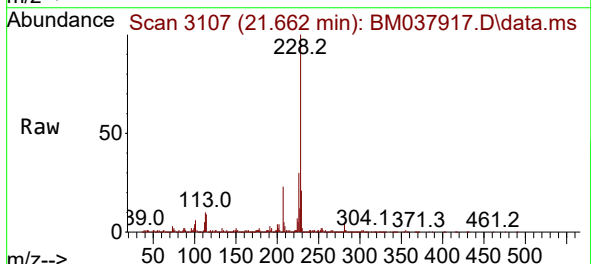
Tgt Ion:228 Resp: 720837

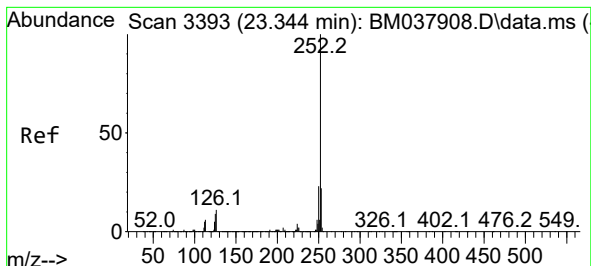
Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 21.0 15.6 23.4





#90

Benzo(b)fluoranthene

Concen: 28.927 ng/ul

RT: 23.350 min Scan# 3394

Delta R.T. 0.006 min

Lab File: BM037917.D

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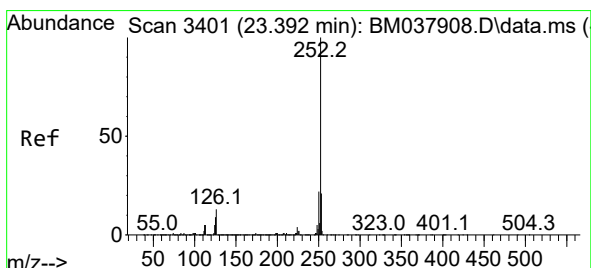
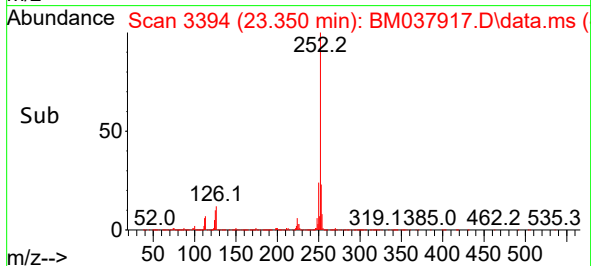
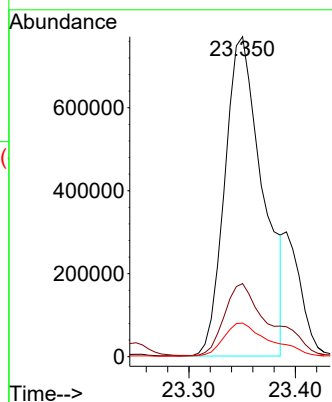
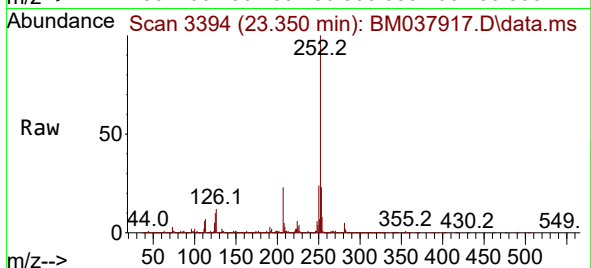
Tgt Ion:252 Resp: 1903852

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 10.5 8.0 12.0



#91

Benzo(k)fluoranthene

Concen: 29.848 ng/ul

RT: 23.350 min Scan# 3394

Delta R.T. -0.041 min

Lab File: BM037917.D

Acq: 09 Dec 2022 15:16

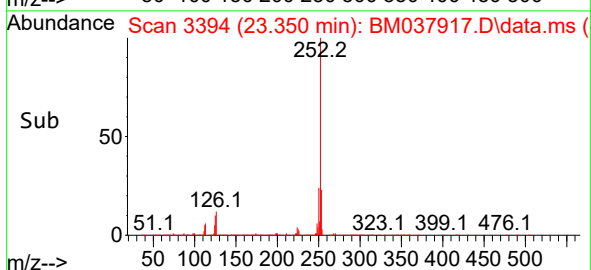
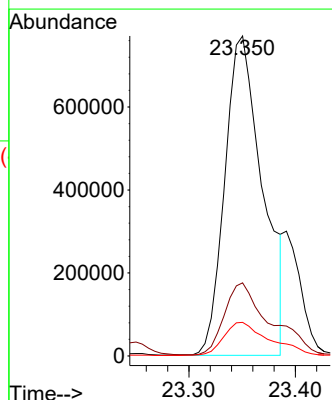
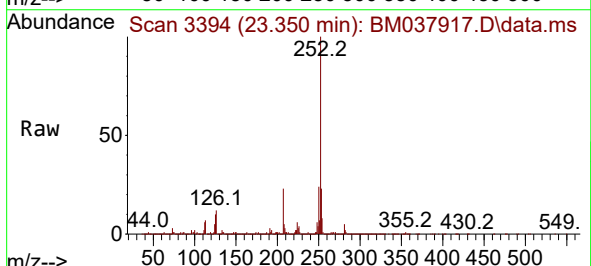
Tgt Ion:252 Resp: 1903852

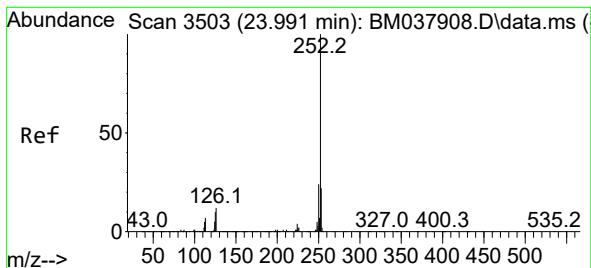
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 10.5 8.1 12.1





#93

Benzo(a)pyrene

Concen: 13.338 ng/ul

RT: 23.997 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM037917.D

Acq: 09 Dec 2022 15:16

Instrument :

BNA_M

ClientSampleId :

DBXM3

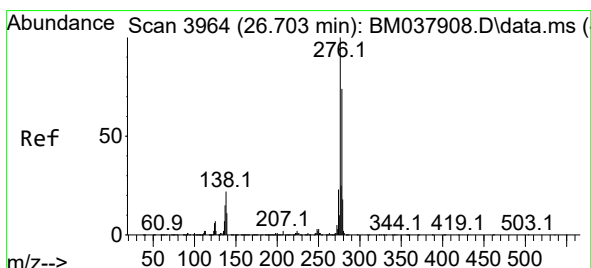
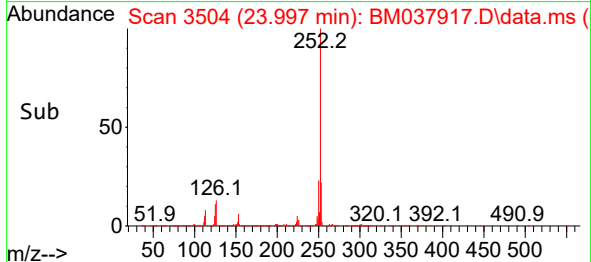
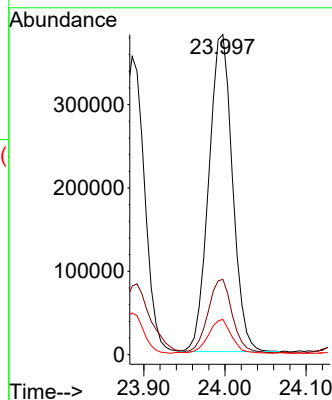
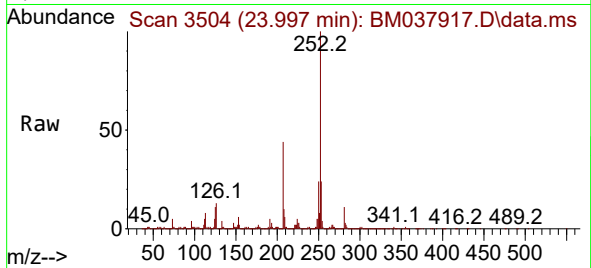
Tgt Ion:252 Resp: 771973

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

125 11.1 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.892 ng/ul

RT: 26.697 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM037917.D

Acq: 09 Dec 2022 15:16

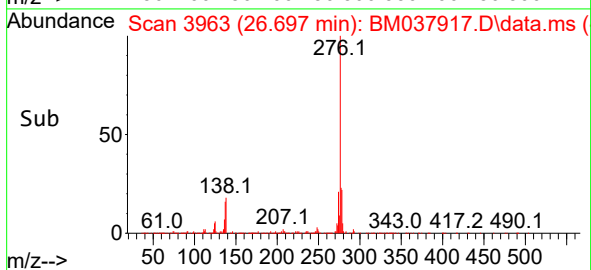
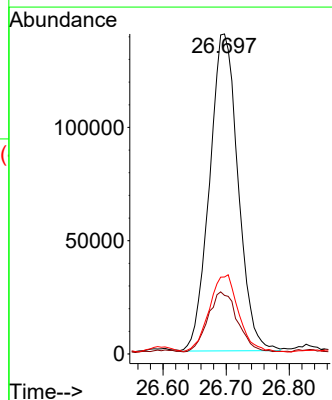
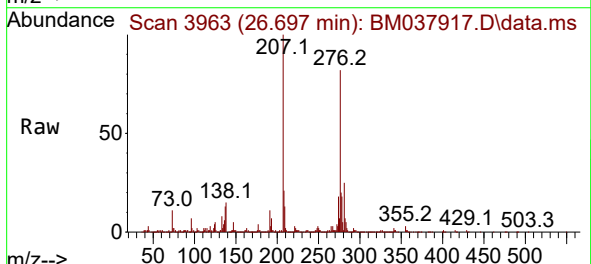
Tgt Ion:276 Resp: 439179

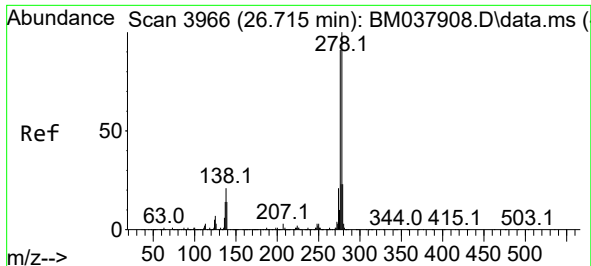
Ion Ratio Lower Upper

276 100

138 18.3 19.3 28.9#

277 24.0 19.8 29.8

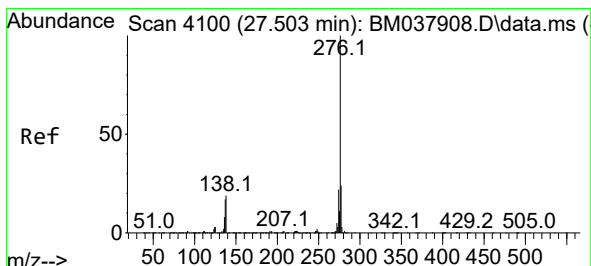
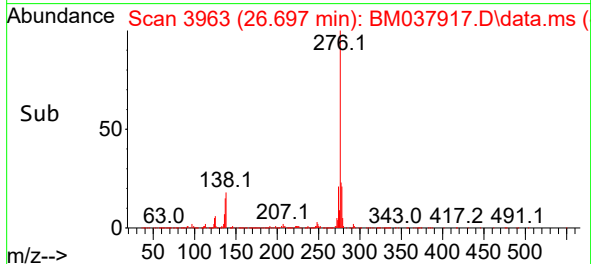
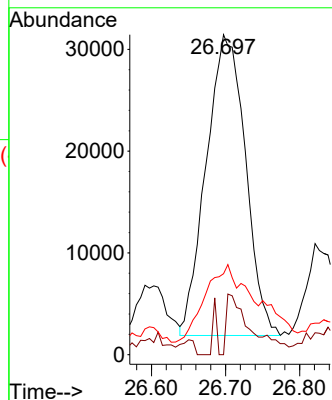
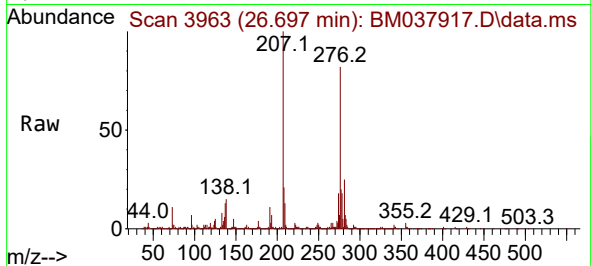




#95
Dibenzo(a,h)anthracene
Concen: 1.728 ng/ul
RT: 26.697 min Scan# 3963
Delta R.T. -0.018 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

Instrument :
BNA_M
ClientSampleId :
DBXM3

Tgt Ion:278 Resp: 108596
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6#
279 25.3 19.8 29.6



#96
Benzo(g,h,i)perylene
Concen: 5.531 ng/ul
RT: 27.497 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

Tgt Ion:276 Resp: 329169
Ion Ratio Lower Upper
276 100
138 19.1 17.1 25.7
277 22.8 18.2 27.4

