

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048401.D
 Acq On : 01 Nov 2024 19:16
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4068

Quant Time: Nov 03 21:50:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

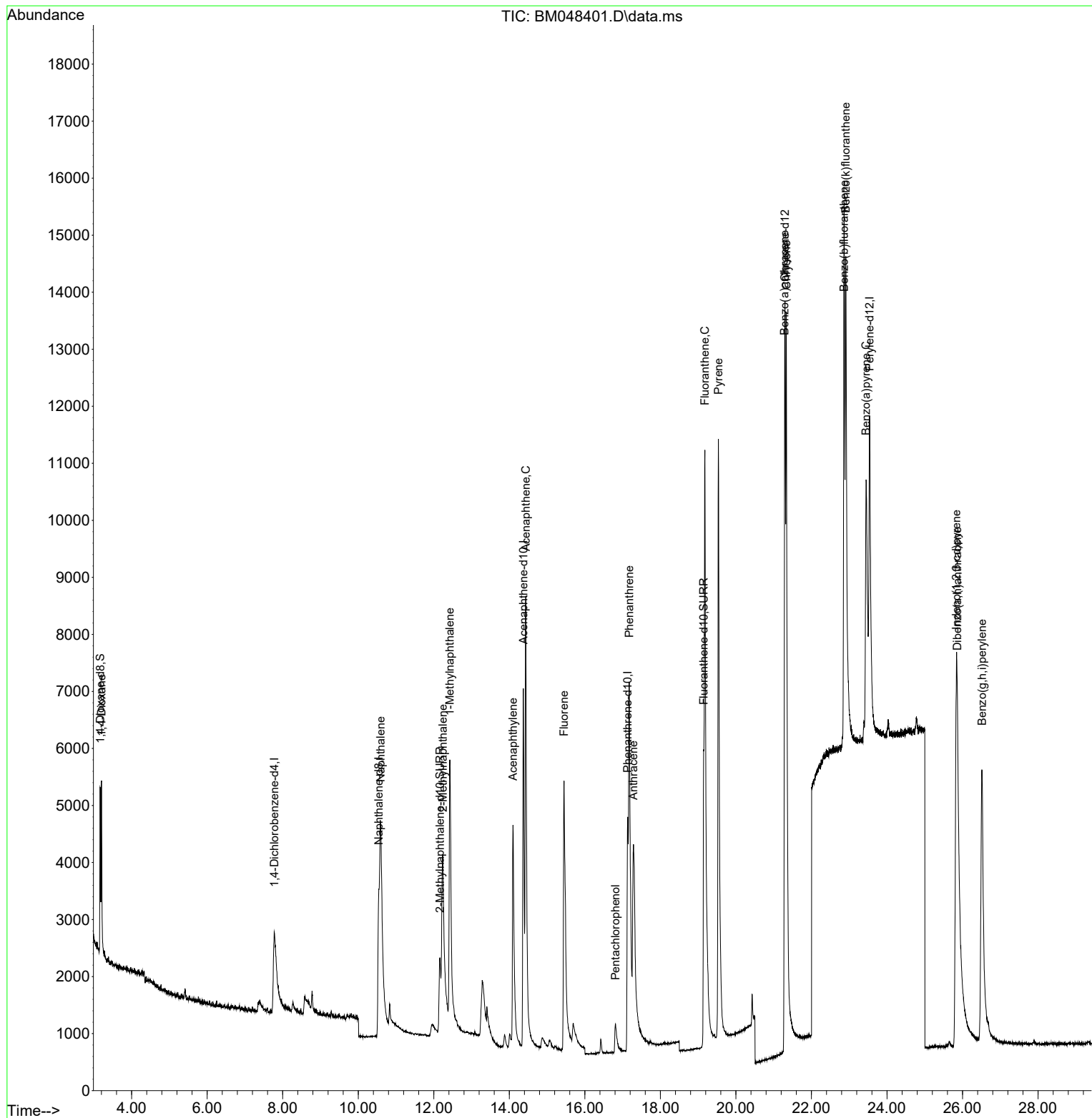
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2843	0.400	ng/ul	0.03
4) Naphthalene-d8	10.545	136	10551	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.371	164	6279	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.131	188	12505	0.400	ng/ul	0.01
17) Chrysene-d12	21.301	240	10858	0.400	ng/ul	0.00
23) Perylene-d12	23.537	264	11354	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	1924	0.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.161	152	5106	0.380	ng/ul	0.02
18) Fluoranthene-d10	19.145	212	12076	0.438	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	2179	0.575	ng/ul#	87
5) Naphthalene	10.594	128	10701	0.388	ng/ul	99
7) 2-Methylnaphthalene	12.238	142	5940	0.362	ng/ul	98
8) 1-Methylnaphthalene	12.425	142	7032	0.402	ng/ul	97
10) Acenaphthylene	14.098	152	9230	0.380	ng/ul	99
11) Acenaphthene	14.436	153	7674	0.394	ng/ul	99
12) Fluorene	15.449	166	8214	0.380	ng/ul	99
14) Pentachlorophenol	16.815	266	957	0.275	ng/ul	92
15) Phenanthrene	17.174	178	11569	0.372	ng/ul	99
16) Anthracene	17.288	178	10586	0.364	ng/ul	97
19) Fluoranthene	19.177	202	16034	0.428	ng/ul	98
20) Pyrene	19.535	202	17255	0.430	ng/ul	99
21) Benzo(a)anthracene	21.289	228	11657	0.358	ng/ul	99
22) Chrysene	21.336	228	18977	0.424	ng/ul	99
24) Benzo(b)fluoranthene	22.864	252	14292	0.368	ng/ul	99
25) Benzo(k)fluoranthene	22.908	252	18279	0.398	ng/ul	98
26) Benzo(a)pyrene	23.446	252	14119	0.387	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.836	276	18304	0.359	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.863	278	14202	0.357	ng/ul	98
29) Benzo(g,h,i)perylene	26.517	276	16203	0.377	ng/ul	99

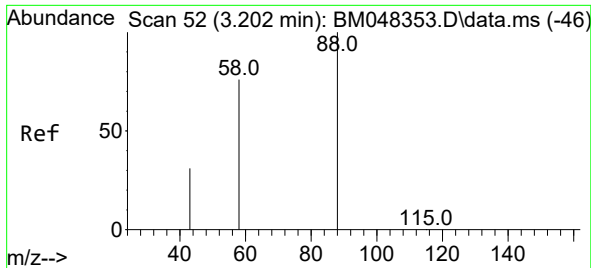
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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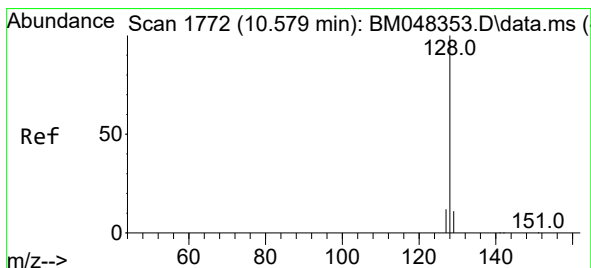
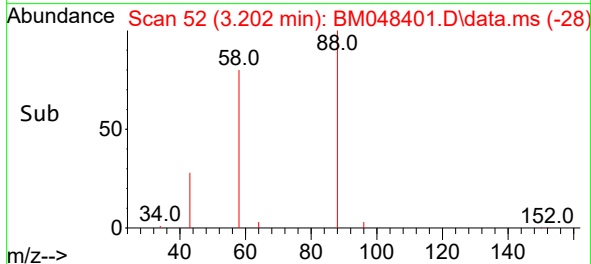
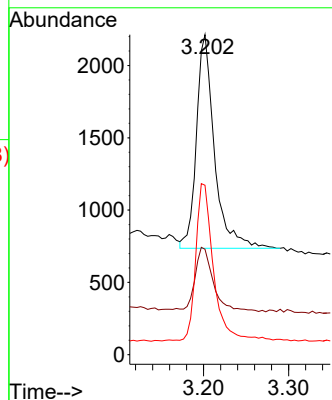
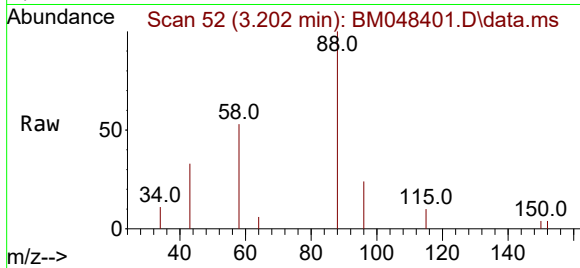




#2
1,4-Dioxane
Concen: 0.575 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

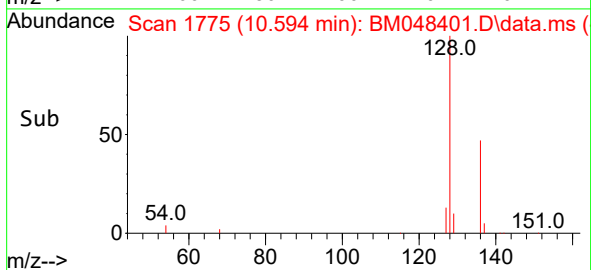
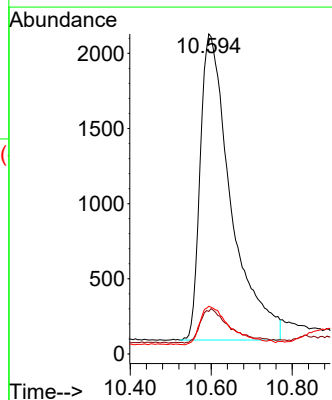
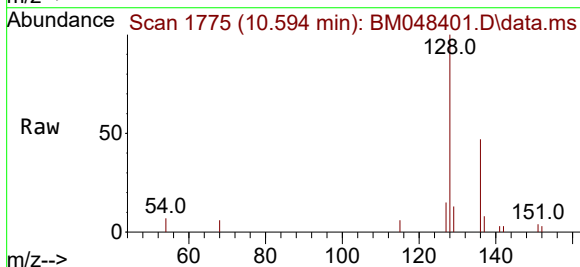
Instrument :
BNA_M
ClientSampleId :
SSTD0.4068

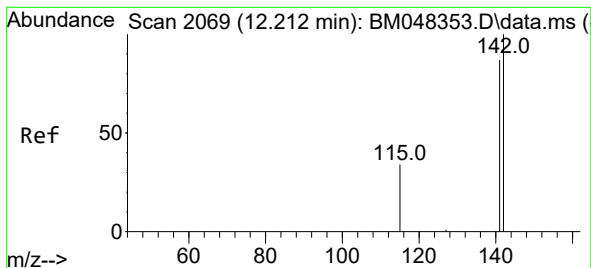
Tgt Ion: 88 Resp: 2179
Ion Ratio Lower Upper
88 100
43 32.9 36.2 54.4#
58 53.0 47.4 71.0



#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.594 min Scan# 1775
Delta R.T. 0.015 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

Tgt Ion: 128 Resp: 10701
Ion Ratio Lower Upper
128 100
129 13.3 10.6 15.8
127 14.9 11.4 17.2

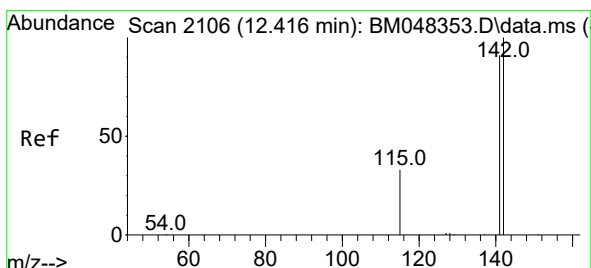
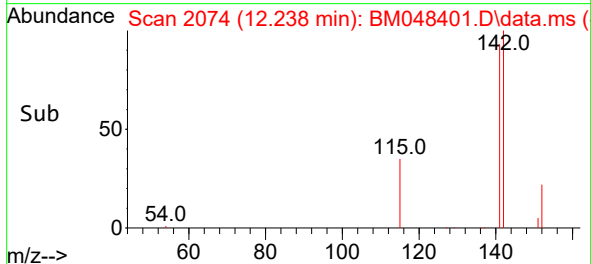
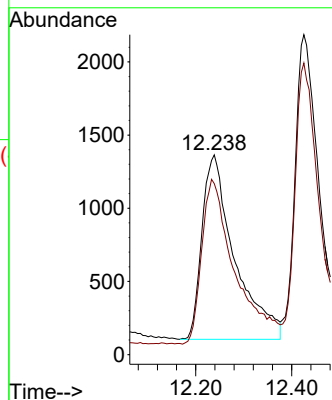
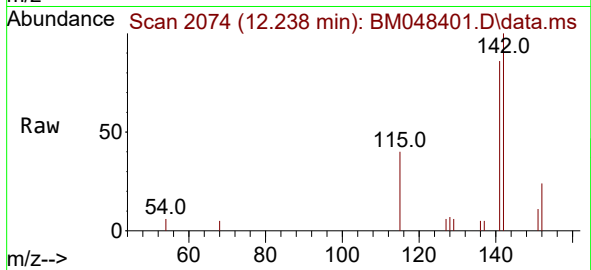




#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.238 min Scan# 2069
Delta R.T. 0.026 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

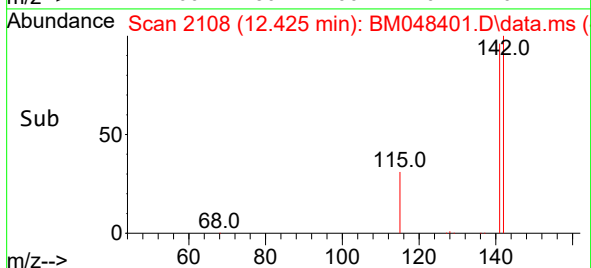
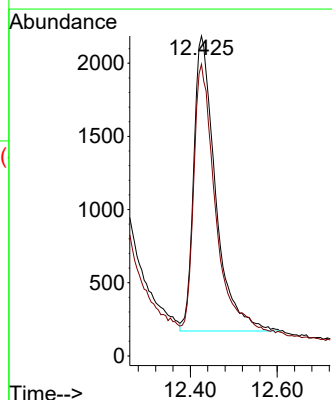
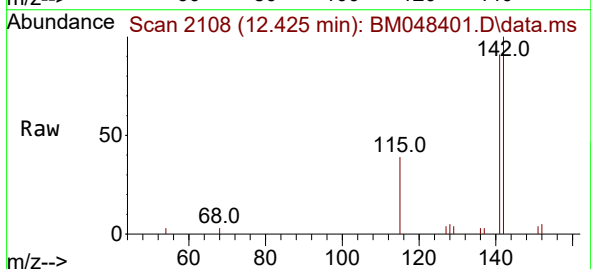
Instrument :
BNA_M
ClientSampleId :
SSTD0.4068

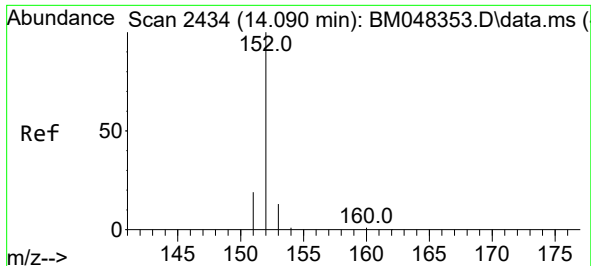
Tgt Ion:142 Resp: 5940
Ion Ratio Lower Upper
142 100
141 91.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.425 min Scan# 2108
Delta R.T. 0.010 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

Tgt Ion:142 Resp: 7032
Ion Ratio Lower Upper
142 100
141 91.2 75.5 113.3

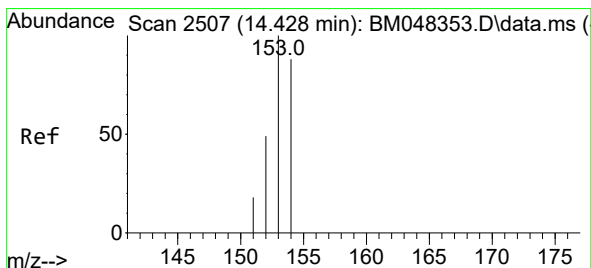
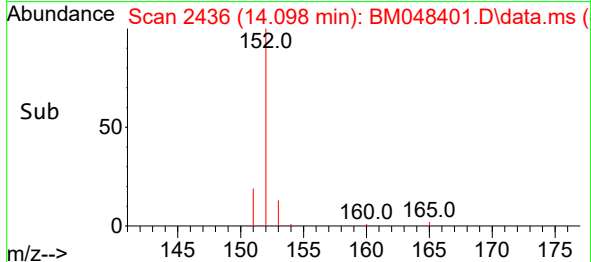
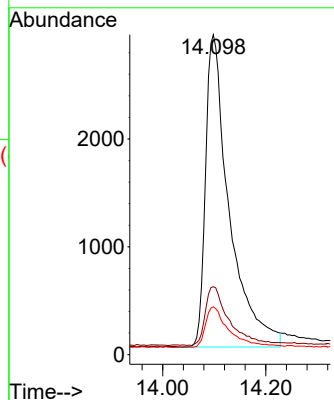
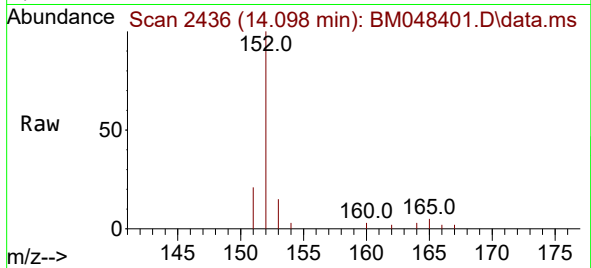




#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 14.098 min Scan# 2436
Delta R.T. 0.008 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

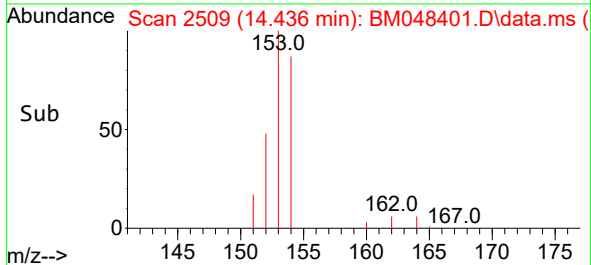
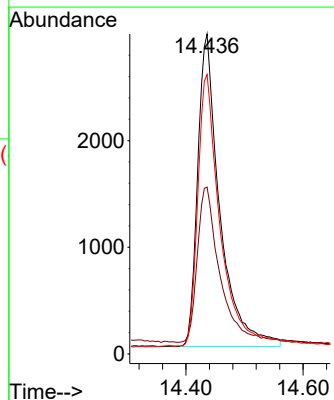
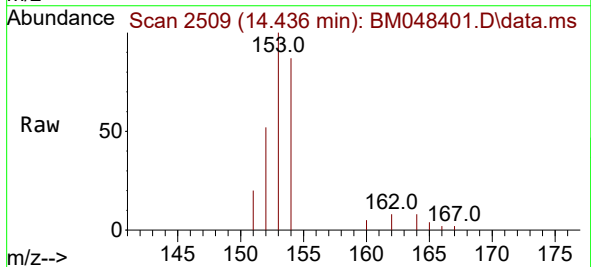
Instrument :
BNA_M
ClientSampleId :
SSTD0.4068

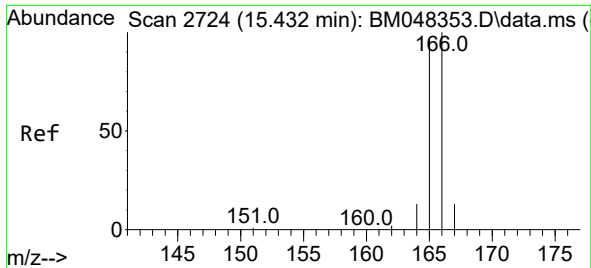
Tgt Ion:152 Resp: 9230
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8
153 15.0 11.8 17.6



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.436 min Scan# 2509
Delta R.T. 0.008 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

Tgt Ion:153 Resp: 7674
Ion Ratio Lower Upper
153 100
152 52.1 40.7 61.1
154 87.4 70.6 106.0

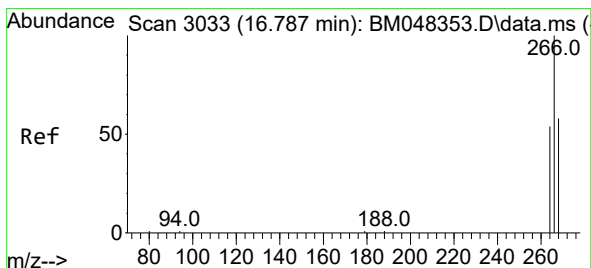
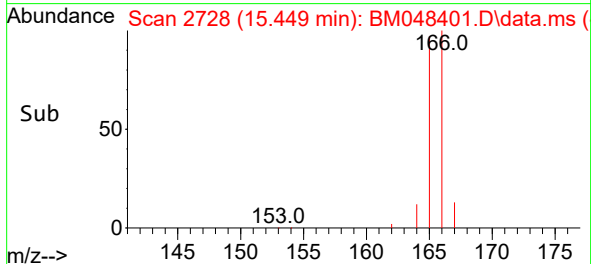
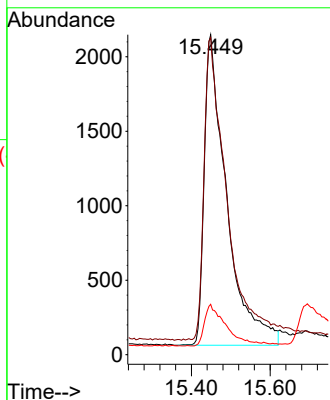
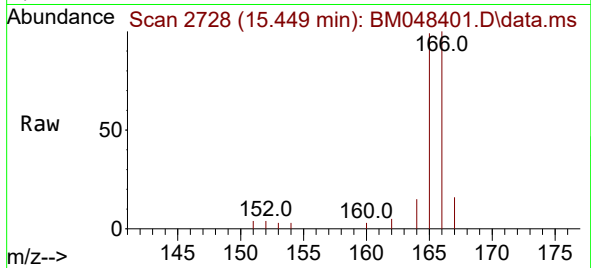




#12
Fluorene
Concen: 0.380 ng/ul
RT: 15.449 min Scan# 21
Delta R.T. 0.017 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

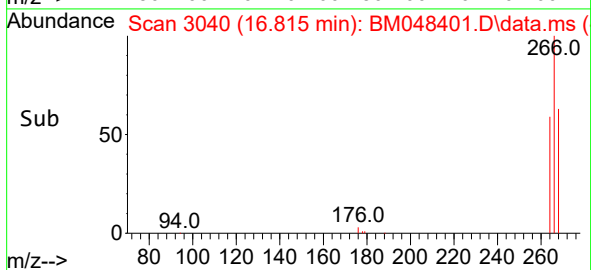
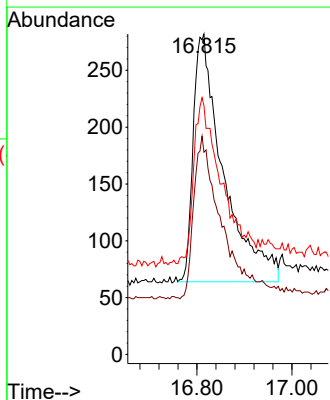
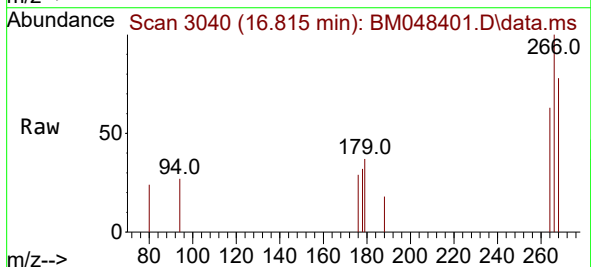
Instrument :
BNA_M
ClientSampleId :
SSTD0.4068

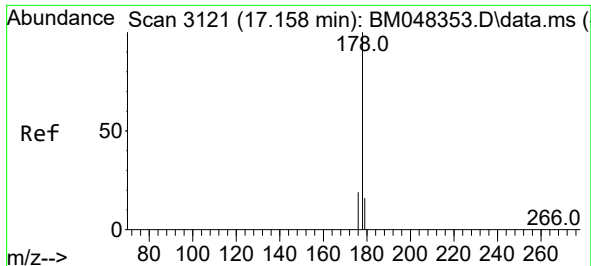
Tgt Ion:166	Resp:	8214
Ion Ratio	Lower	Upper
166	100	
165	99.1	78.6 118.0
167	15.8	12.1 18.1



#14
Pentachlorophenol
Concen: 0.275 ng/ul
RT: 16.815 min Scan# 3040
Delta R.T. 0.028 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

Tgt Ion:266	Resp:	957
Ion Ratio	Lower	Upper
266	100	
264	62.7	48.3 72.5
268	67.5	46.2 69.4

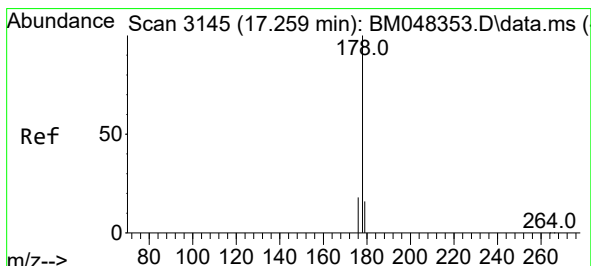
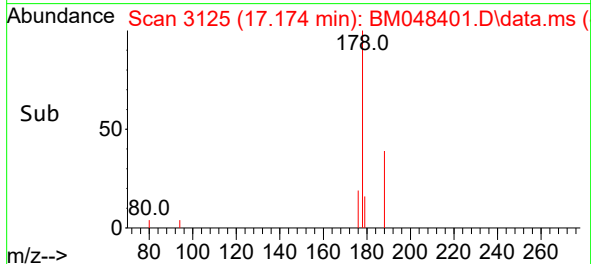
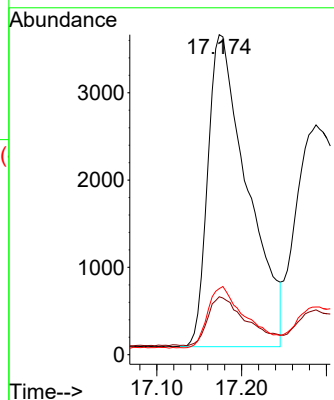
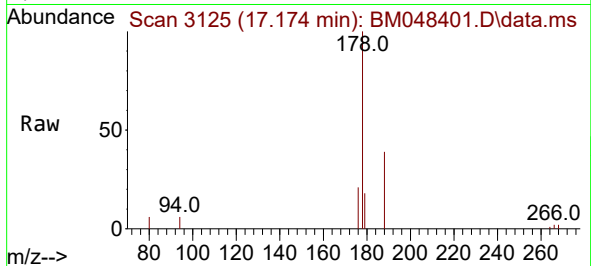




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.174 min Scan# 3125
Delta R.T. 0.015 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

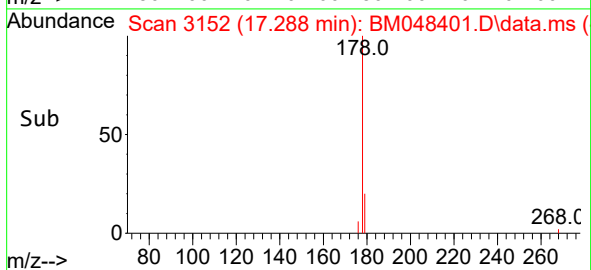
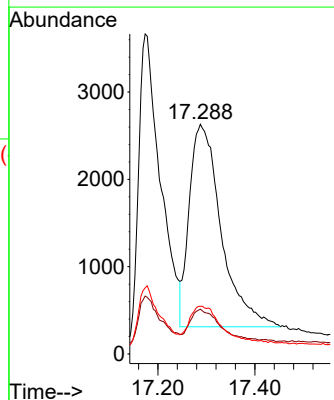
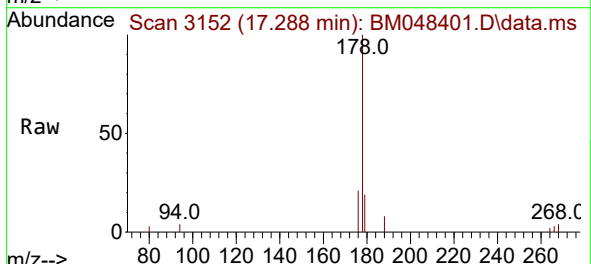
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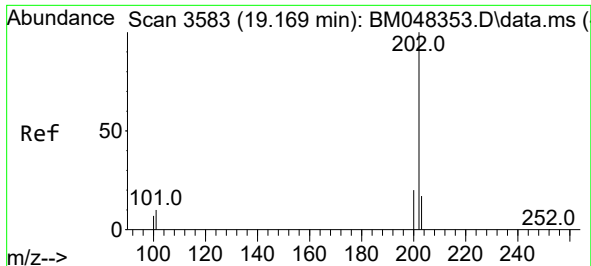
Tgt Ion:178 Resp: 11569
Ion Ratio Lower Upper
178 100
179 18.1 13.9 20.9
176 20.6 16.0 24.0



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.288 min Scan# 3152
Delta R.T. 0.028 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

Tgt Ion:178 Resp: 10586
Ion Ratio Lower Upper
178 100
179 19.5 14.2 21.2
176 20.7 15.8 23.6

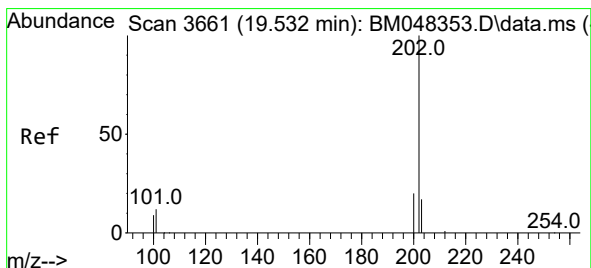
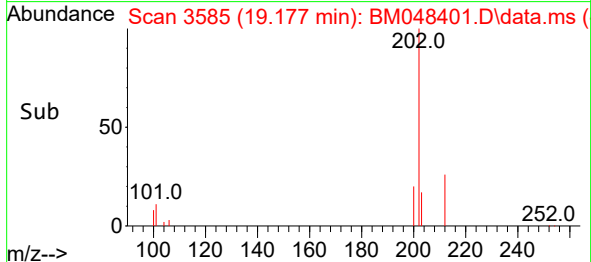
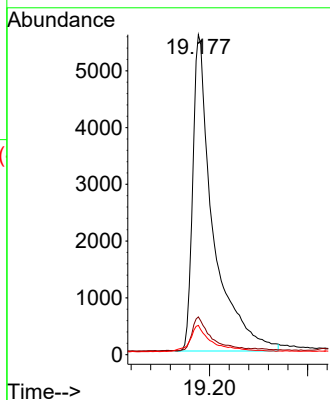
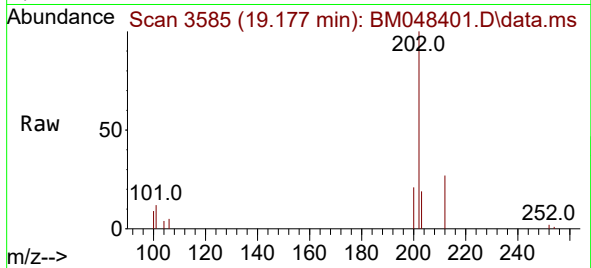




#19
Fluoranthene
Concen: 0.428 ng/ul
RT: 19.177 min Scan# 3585
Delta R.T. 0.008 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

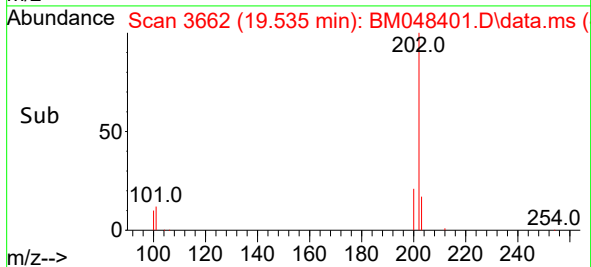
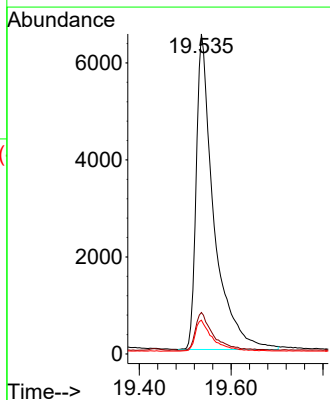
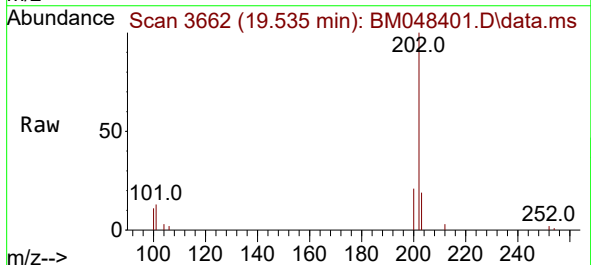
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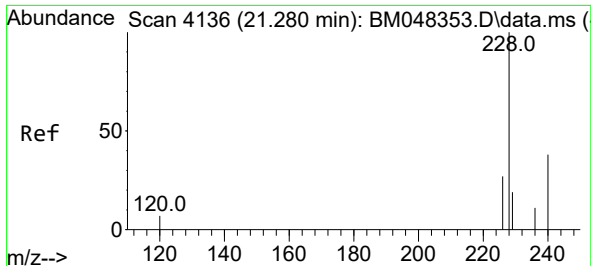
Tgt Ion:202 Resp: 16034
Ion Ratio Lower Upper
202 100
101 11.8 9.0 13.4
100 9.2 6.6 10.0



#20
Pyrene
Concen: 0.430 ng/ul
RT: 19.535 min Scan# 3662
Delta R.T. 0.003 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

Tgt Ion:202 Resp: 17255
Ion Ratio Lower Upper
202 100
101 13.0 10.0 15.0
100 10.5 8.0 12.0

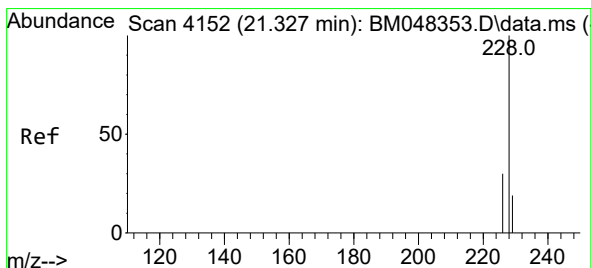
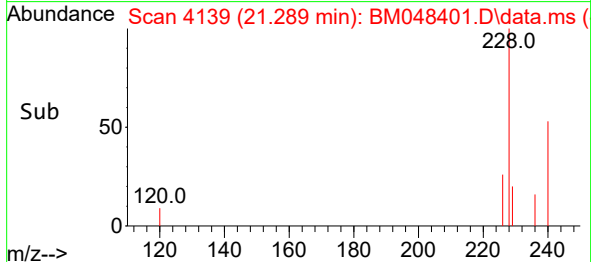
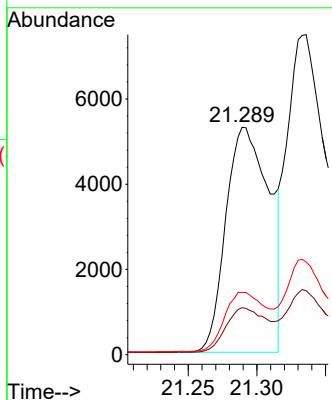
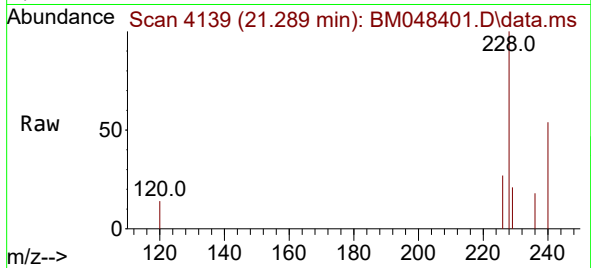




#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.289 min Scan# 4136
Delta R.T. 0.009 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

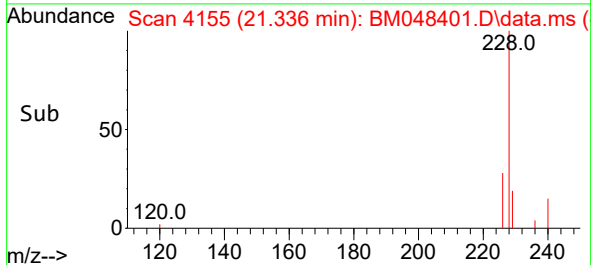
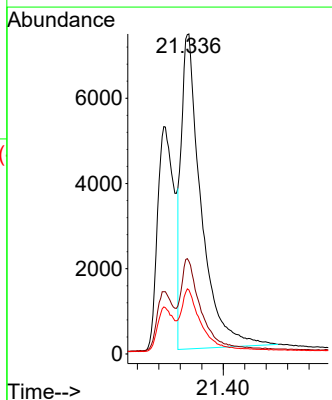
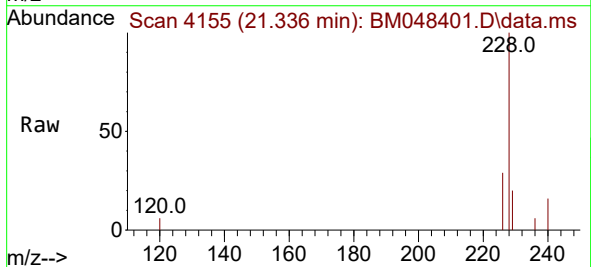
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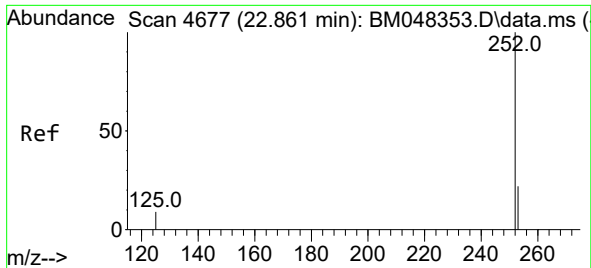
Tgt Ion:228 Resp: 11657
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.424 ng/ul
RT: 21.336 min Scan# 4155
Delta R.T. 0.009 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

Tgt Ion:228 Resp: 18977
Ion Ratio Lower Upper
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226 29.0 24.1 36.1
229 20.0 15.9 23.9

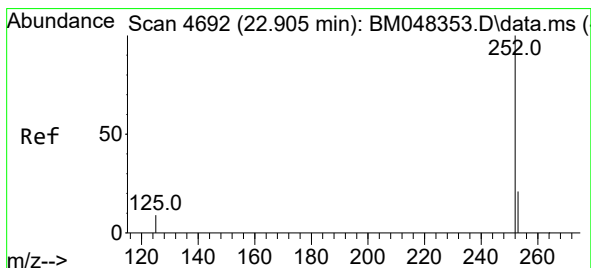
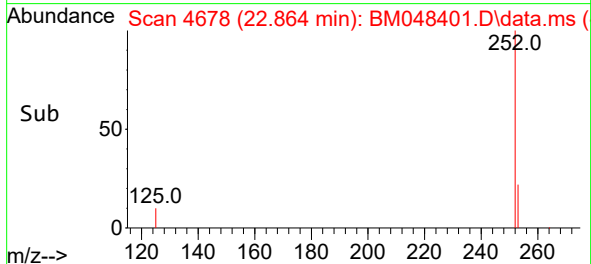
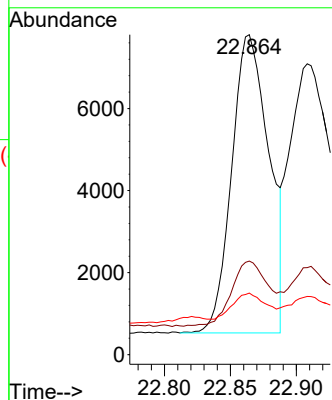
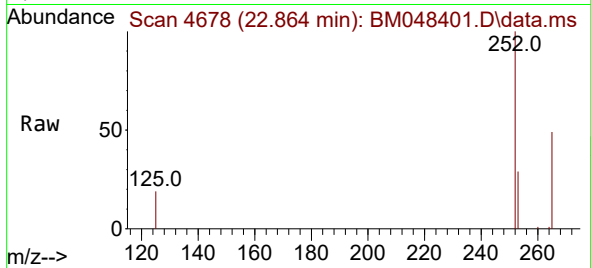




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 22.864 min Scan# 4677
Delta R.T. 0.003 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

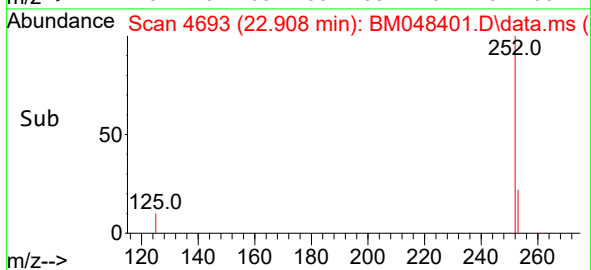
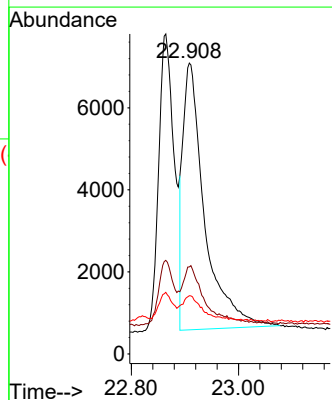
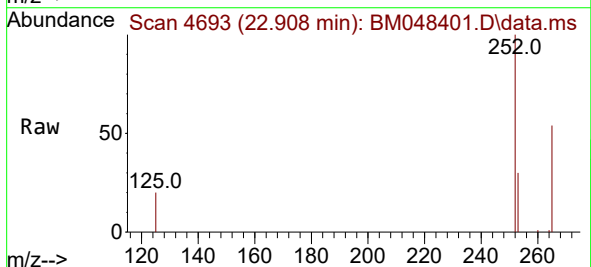
Instrument :
BNA_M
ClientSampleId :
SSTD0.4068

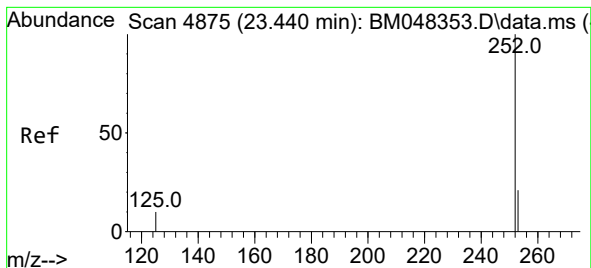
Tgt Ion:252 Resp: 14292
Ion Ratio Lower Upper
252 100
253 29.3 0.0 59.4
125 19.2 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.398 ng/ul
RT: 22.908 min Scan# 4693
Delta R.T. 0.003 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

Tgt Ion:252 Resp: 18279
Ion Ratio Lower Upper
252 100
253 29.9 23.4 35.0
125 20.0 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 23.446 min Scan# 4877

Delta R.T. 0.006 min

Lab File: BM048401.D

Acq: 01 Nov 2024 19:16

Instrument :

BNA_M

ClientSampleId :

SSTD0.4068

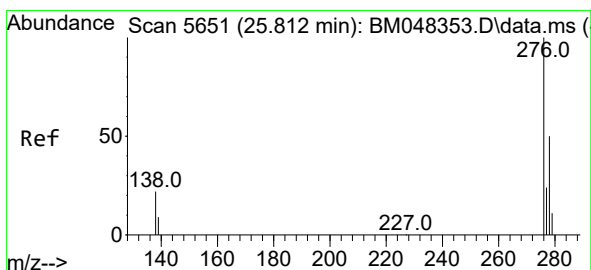
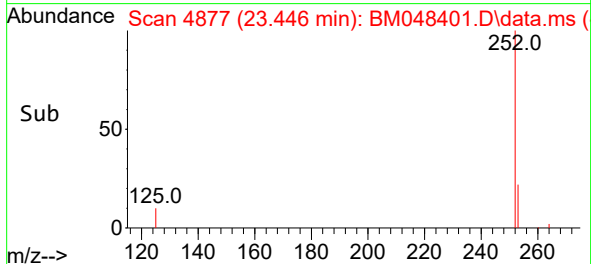
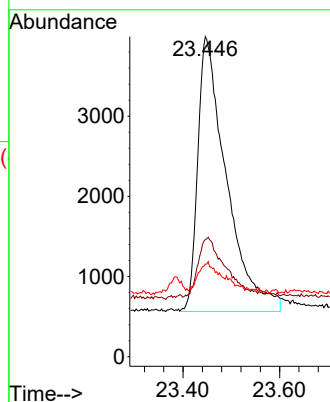
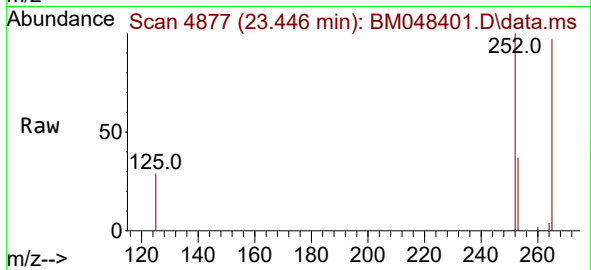
Tgt Ion:252 Resp: 14119

Ion Ratio Lower Upper

252 100

253 36.6 27.7 41.5

125 28.9 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.359 ng/ul

RT: 25.836 min Scan# 5658

Delta R.T. 0.024 min

Lab File: BM048401.D

Acq: 01 Nov 2024 19:16

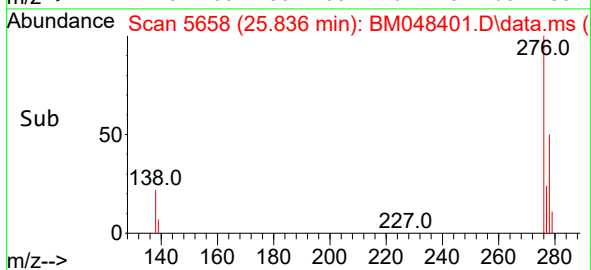
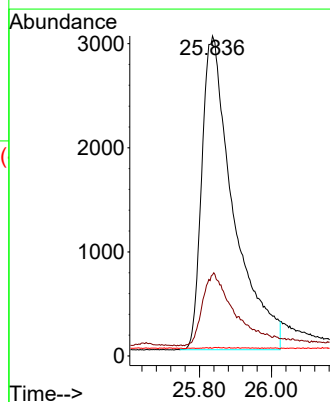
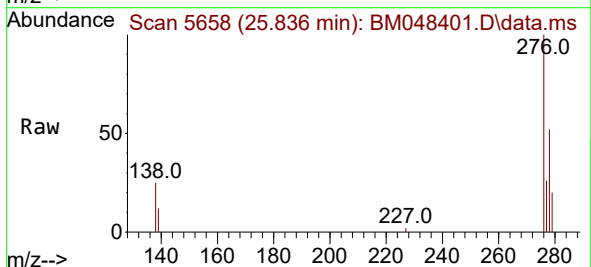
Tgt Ion:276 Resp: 18304

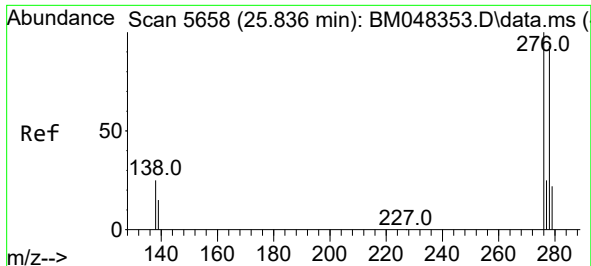
Ion Ratio Lower Upper

276 100

138 24.1 19.6 29.4

227 0.1 0.1 0.1#

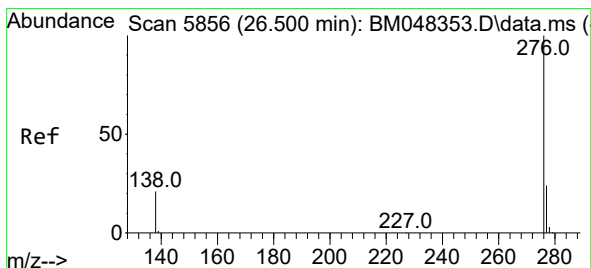
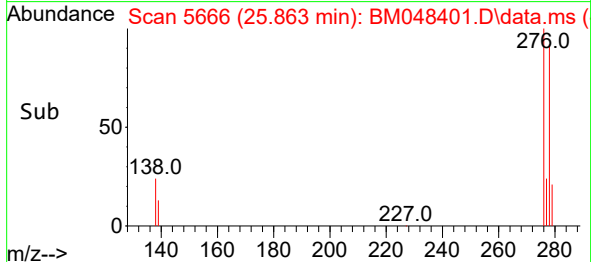
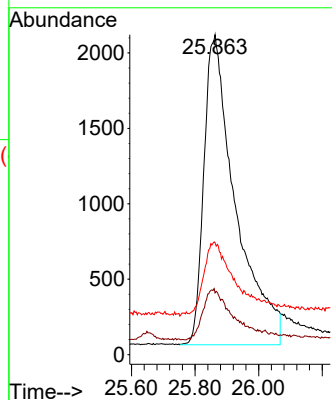
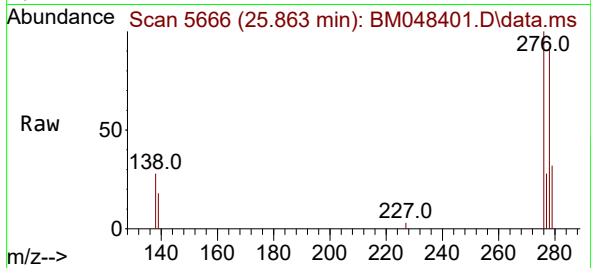




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 25.863 min Scan# 5666
Delta R.T. 0.027 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.4068

Tgt Ion:278 Resp: 14202
Ion Ratio Lower Upper
278 100
139 19.3 15.6 23.4
279 35.0 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 26.517 min Scan# 5861
Delta R.T. 0.017 min
Lab File: BM048401.D
Acq: 01 Nov 2024 19:16

Tgt Ion:276 Resp: 16203
Ion Ratio Lower Upper
276 100
138 22.8 19.0 28.6
277 25.6 20.6 31.0

