

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046488.D
 Acq On : 10 Jul 2024 00:17
 Operator : MA/JU
 Sample : PB161747BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS747

Quant Time: Jul 10 01:13:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 08:09:14 2024
 Response via : Initial Calibration

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

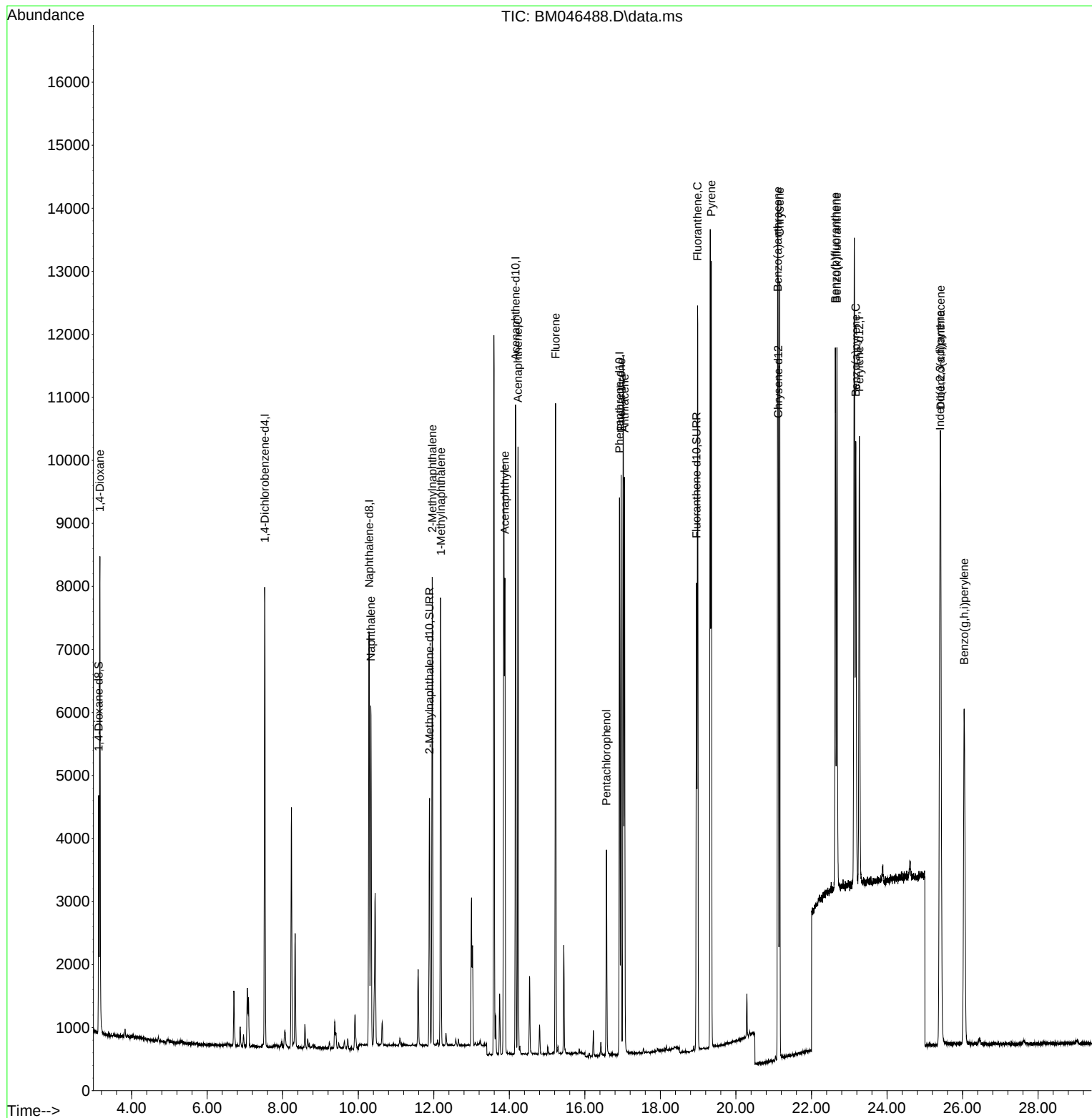
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	3638	0.400	ng/ul	0.00
4) Naphthalene-d8	10.288	136	8951	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.164	164	5497	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.917	188	10715	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.122	240	7300	0.400	ng/ul	# 0.00
23) Perylene-d12	23.267	264	8277	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	2076	0.552	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.888	152	4886	0.369	ng/ul	0.00
18) Fluoranthene-d10	18.956	212	8694	0.340	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.160	88	4439	1.043	ng/ul	90
5) Naphthalene	10.332	128	7242	0.305	ng/ul	99
7) 2-Methylnaphthalene	11.959	142	5051	0.314	ng/ul	99
8) 1-Methylnaphthalene	12.185	142	4810	0.290	ng/ul	99
10) Acenaphthylene	13.882	152	8047	0.288	ng/ul	99
11) Acenaphthene	14.229	153	5312	0.292	ng/ul	99
12) Fluorene	15.224	166	6224	0.290	ng/ul	99
14) Pentachlorophenol	16.571	266	2068	0.661	ng/ul	98
15) Phenanthrene	16.960	178	9342	0.291	ng/ul	99
16) Anthracene	17.048	178	9308	0.299	ng/ul	98
19) Fluoranthene	18.983	202	10775	0.292	ng/ul#	92
20) Pyrene	19.346	202	11112	0.293	ng/ul#	88
21) Benzo(a)anthracene	21.105	228	10295	0.316	ng/ul	99
22) Chrysene	21.157	228	9792	0.302	ng/ul	100
24) Benzo(b)fluoranthene	22.630	252	10654	0.303	ng/ul	93
25) Benzo(k)fluoranthene	22.674	252	10577	0.298	ng/ul#	92
26) Benzo(a)pyrene	23.174	252	9765	0.351	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.403	276	13129	0.349	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.420	278	10485	0.361	ng/ul#	92
29) Benzo(g,h,i)perylene	26.044	276	10963	0.366	ng/ul#	91

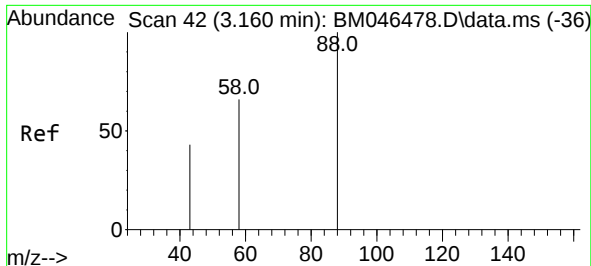
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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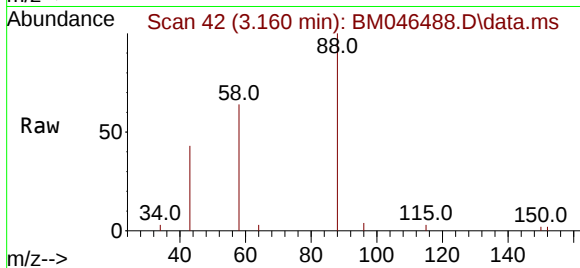
Quant Time: Jul 10 01:13:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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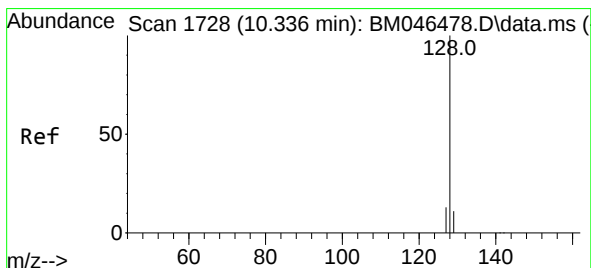
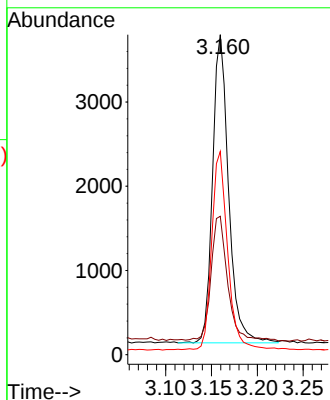
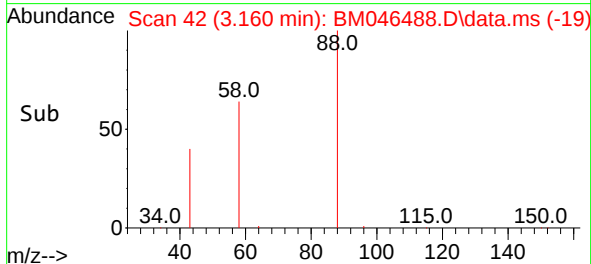


#2
1,4-Dioxane
Concen: 1.043 ng/ul
RT: 3.160 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM046488.D
Acq: 10 Jul 2024 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS747

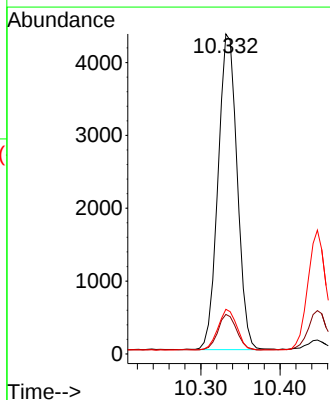
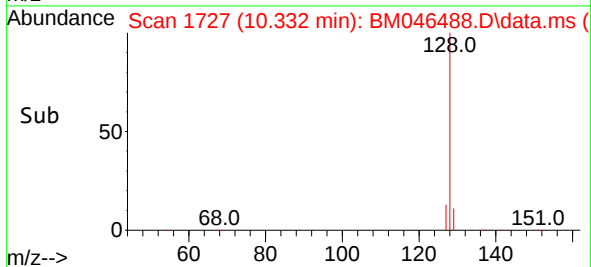
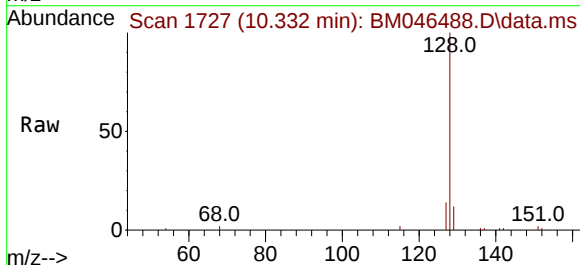


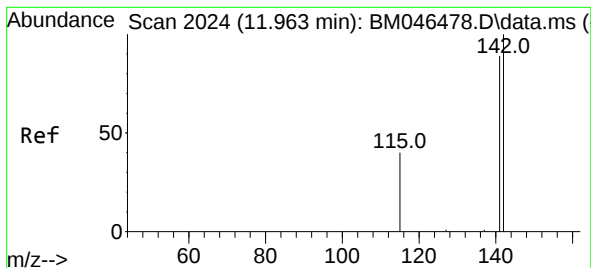
Tgt Ion: 88 Resp: 4439
Ion Ratio Lower Upper
88 100
43 43.3 41.9 62.9
58 63.5 56.5 84.7



#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.332 min Scan# 1727
Delta R.T. -0.010 min
Lab File: BM046488.D
Acq: 10 Jul 2024 00:17

Tgt Ion: 128 Resp: 7242
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 14.0 10.8 16.2

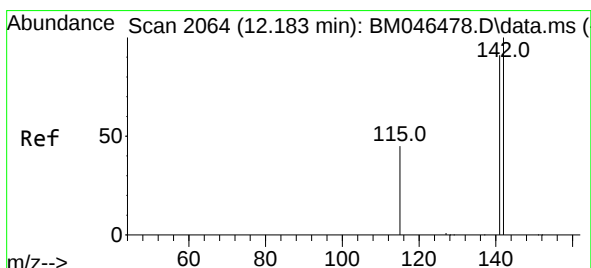
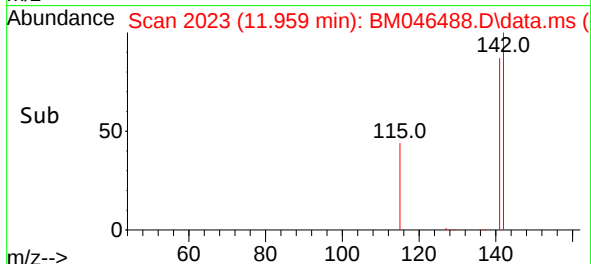
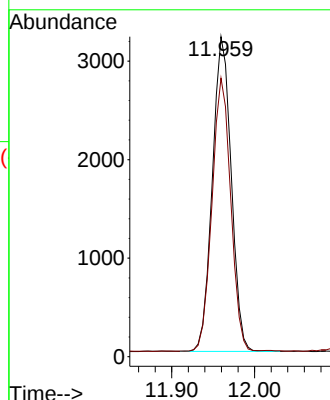
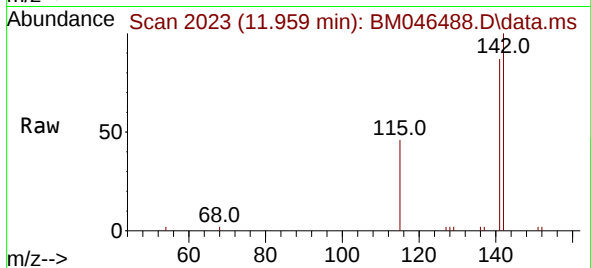




#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 11.959 min Scan# 2023
Delta R.T. -0.004 min
Lab File: BM046488.D
Acq: 10 Jul 2024 00:17

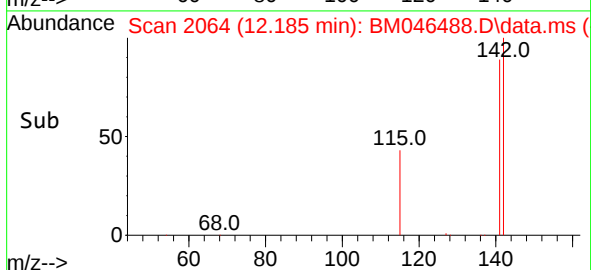
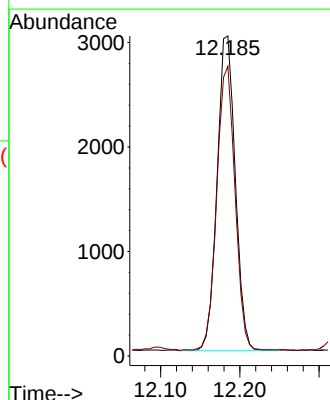
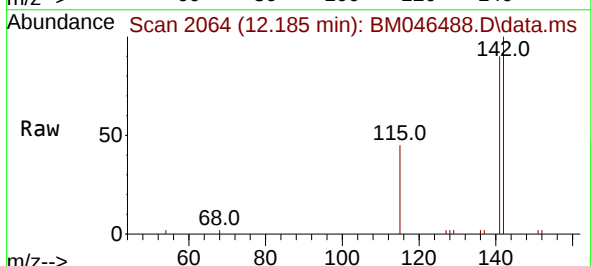
Instrument :
BNA_M
ClientSampleId :
SLCS747

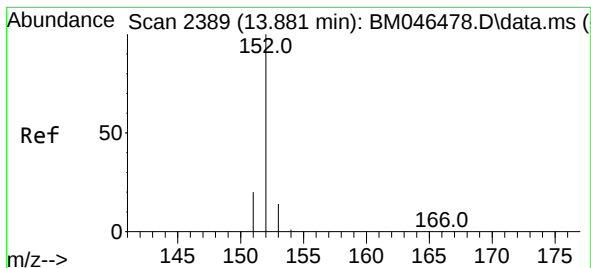
Tgt Ion:142 Resp: 5051
Ion Ratio Lower Upper
142 100
141 86.2 69.8 104.6



#8
1-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.185 min Scan# 2064
Delta R.T. -0.004 min
Lab File: BM046488.D
Acq: 10 Jul 2024 00:17

Tgt Ion:142 Resp: 4810
Ion Ratio Lower Upper
142 100
141 89.9 72.4 108.6





#10

Acenaphthylene

Concen: 0.288 ng/ul

RT: 13.882 min Scan# 21

Delta R.T. -0.003 min

Lab File: BM046488.D

Acq: 10 Jul 2024 00:17

Instrument :

BNA_M

ClientSampleId :

SLCS747

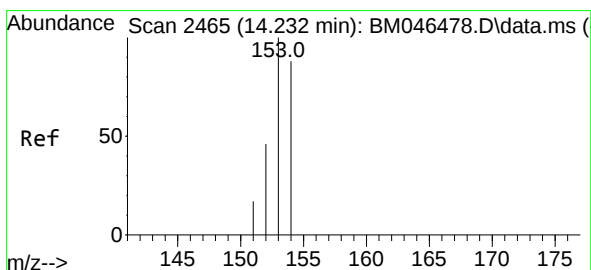
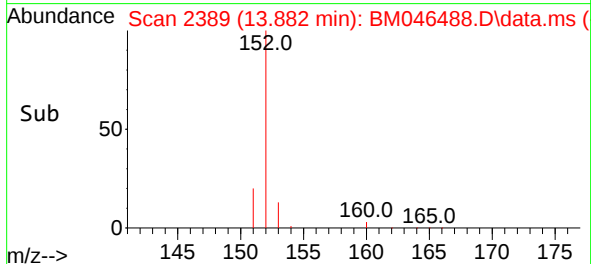
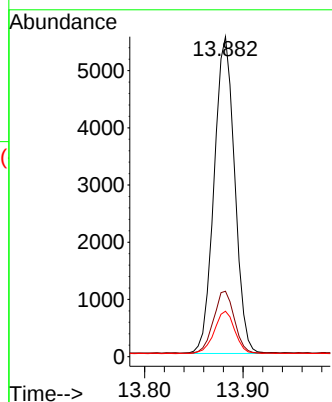
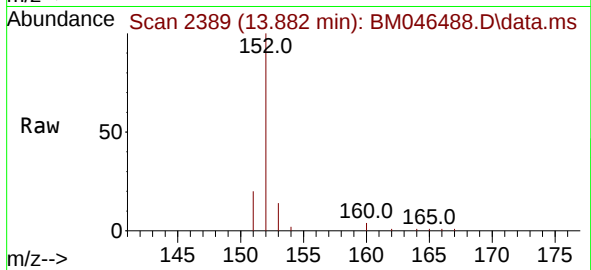
Tgt Ion:152 Resp: 8047

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 14.2 11.0 16.6



#11

Acenaphthene

Concen: 0.292 ng/ul

RT: 14.229 min Scan# 2464

Delta R.T. -0.003 min

Lab File: BM046488.D

Acq: 10 Jul 2024 00:17

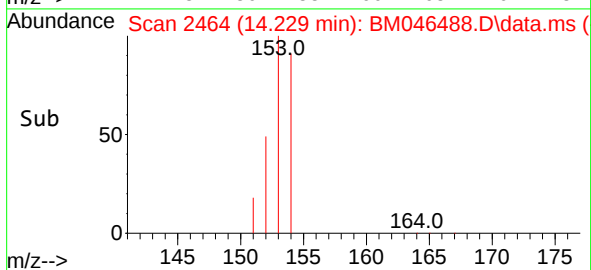
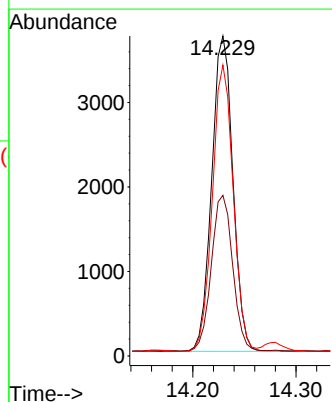
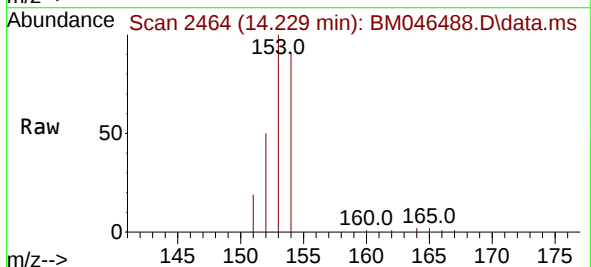
Tgt Ion:153 Resp: 5312

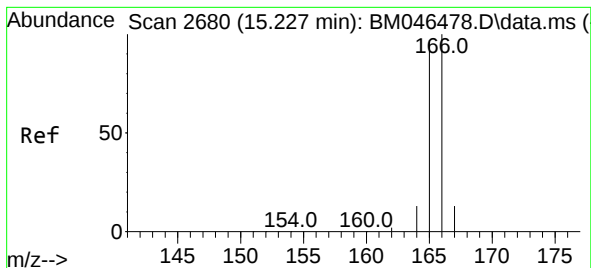
Ion Ratio Lower Upper

153 100

152 50.2 40.4 60.6

154 90.9 72.1 108.1





#12

Fluorene

Concen: 0.290 ng/ul

RT: 15.224 min Scan# 2

Delta R.T. -0.003 min

Lab File: BM046488.D

Acq: 10 Jul 2024 00:17

Instrument :

BNA_M

ClientSampleId :

SLCS747

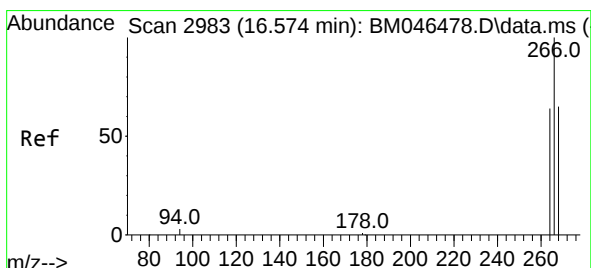
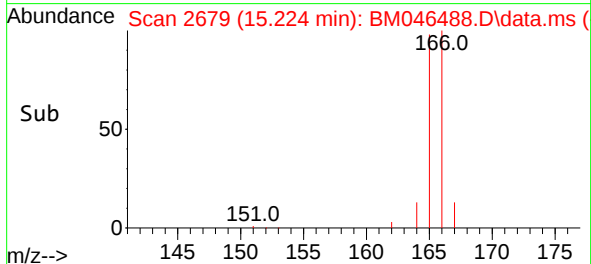
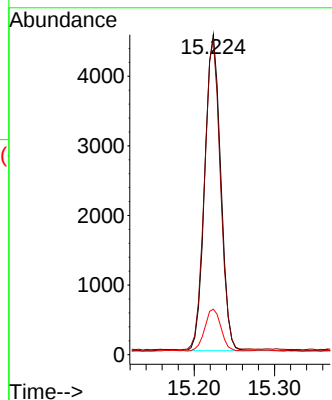
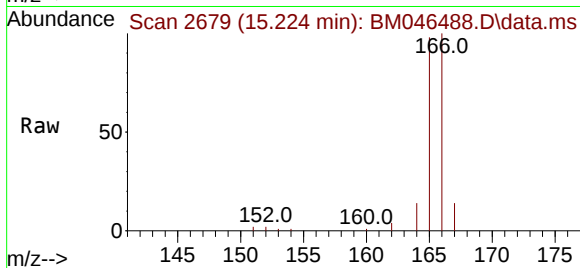
Tgt Ion:166 Resp: 6224

Ion Ratio Lower Upper

166 100

165 98.3 78.0 117.0

167 14.2 11.4 17.0



#14

Pentachlorophenol

Concen: 0.661 ng/ul

RT: 16.571 min Scan# 2982

Delta R.T. -0.003 min

Lab File: BM046488.D

Acq: 10 Jul 2024 00:17

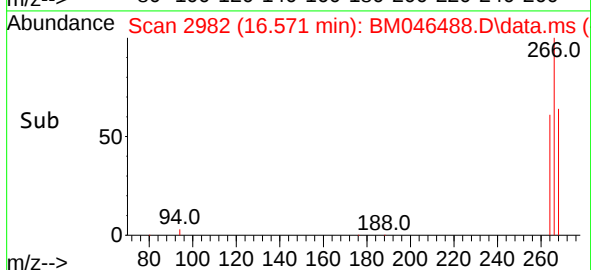
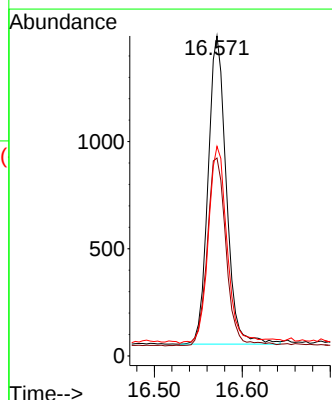
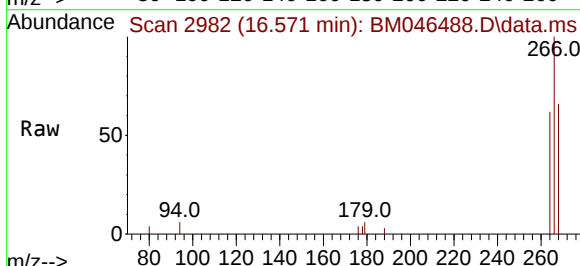
Tgt Ion:266 Resp: 2068

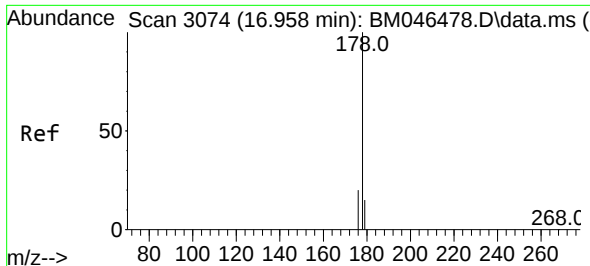
Ion Ratio Lower Upper

266 100

264 63.7 51.0 76.6

268 66.9 50.8 76.2

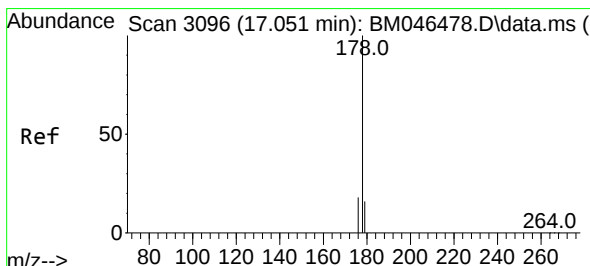
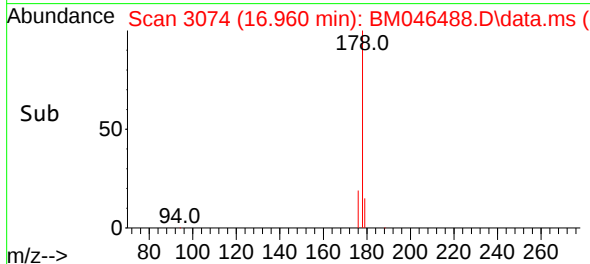
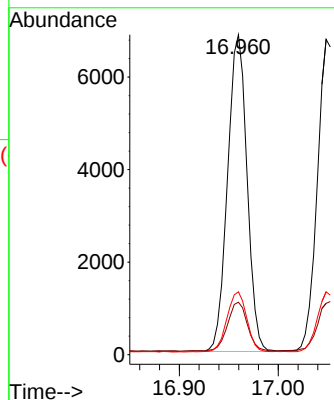
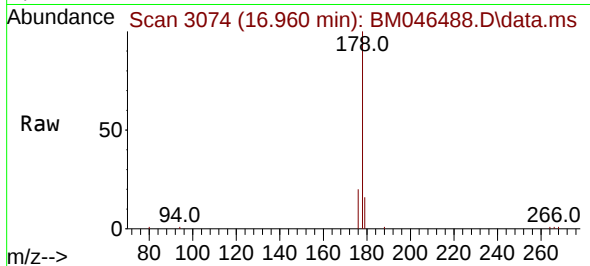




#15
Phenanthrene
Concen: 0.291 ng/ul
RT: 16.960 min Scan# 3074
Delta R.T. -0.003 min
Lab File: BM046488.D
Acq: 10 Jul 2024 00:17

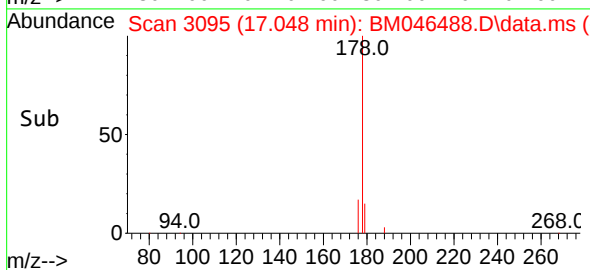
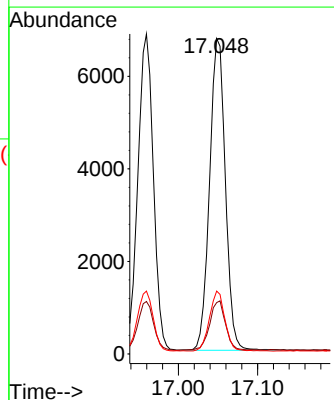
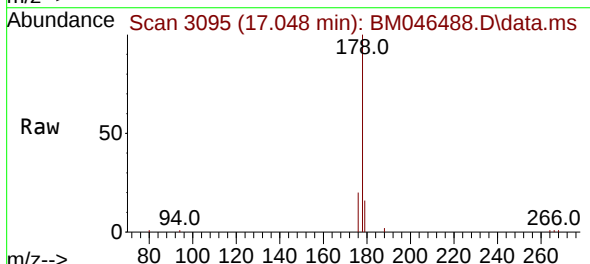
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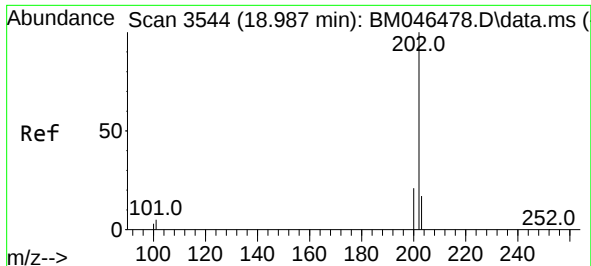
Tgt Ion:	178	Resp:	9342
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.7	19.1
176	19.7	16.0	24.0



#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.048 min Scan# 3095
Delta R.T. -0.003 min
Lab File: BM046488.D
Acq: 10 Jul 2024 00:17

Tgt Ion:	178	Resp:	9308
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	18.8
176	19.9	14.9	22.3

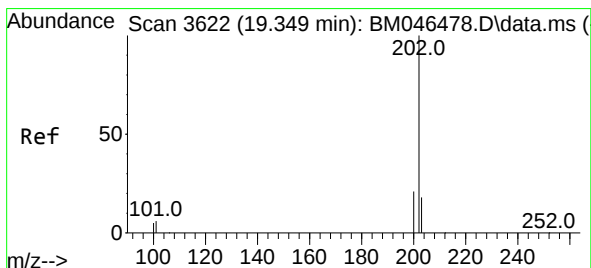
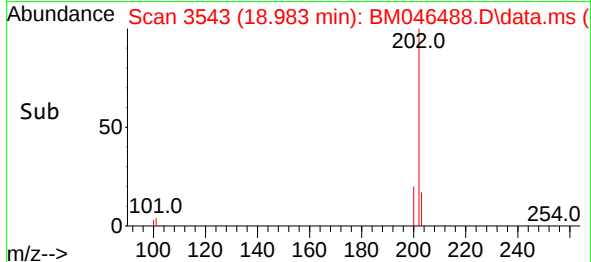
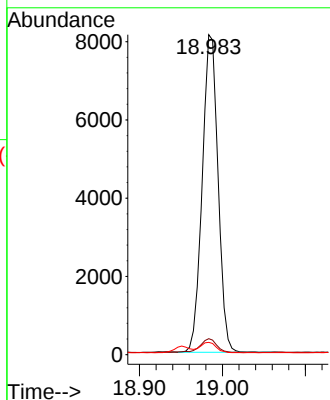
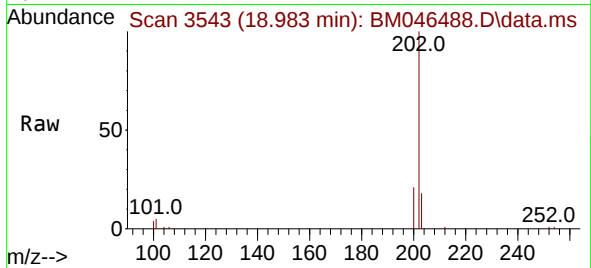




#19
Fluoranthene
Concen: 0.292 ng/ul
RT: 18.983 min Scan# 3543
Delta R.T. -0.008 min
Lab File: BM046488.D
Acq: 10 Jul 2024 00:17

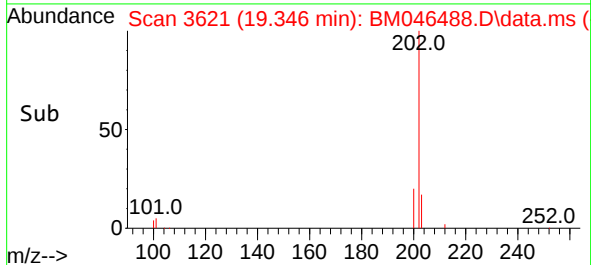
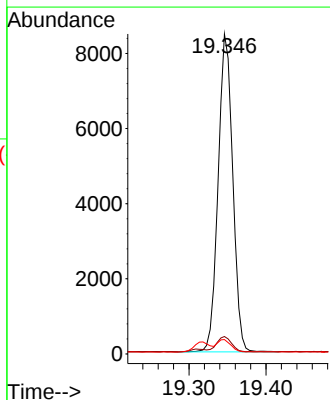
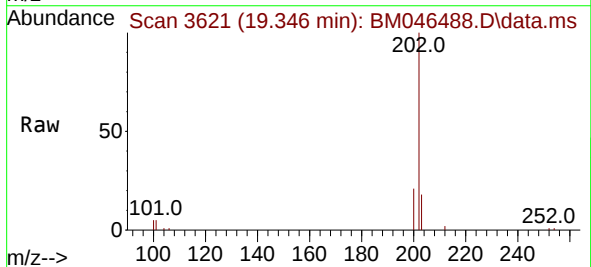
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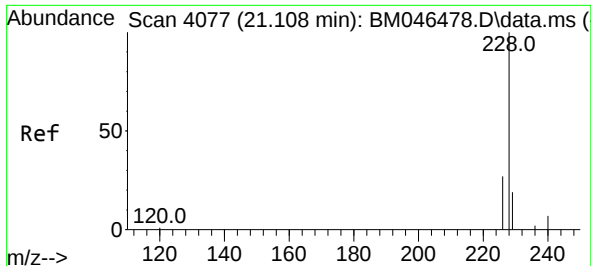
Tgt Ion:202 Resp: 10775
Ion Ratio Lower Upper
202 100
101 5.0 6.3 9.5#
100 3.9 5.0 7.6#



#20
Pyrene
Concen: 0.293 ng/ul
RT: 19.346 min Scan# 3621
Delta R.T. -0.008 min
Lab File: BM046488.D
Acq: 10 Jul 2024 00:17

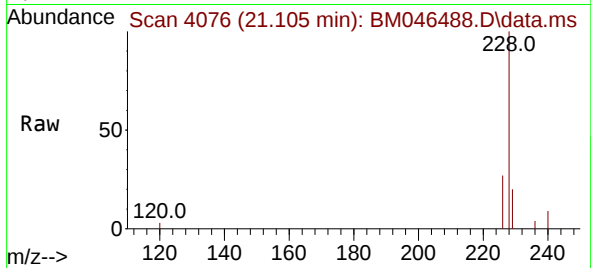
Tgt Ion:202 Resp: 11112
Ion Ratio Lower Upper
202 100
101 5.4 8.2 12.4#
100 4.5 6.9 10.3#



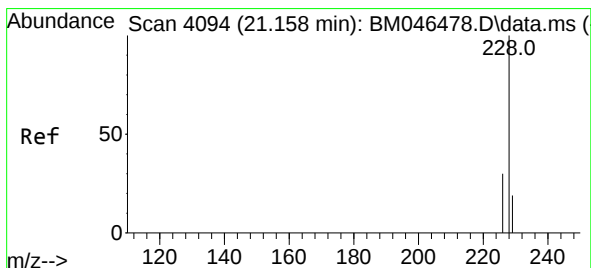
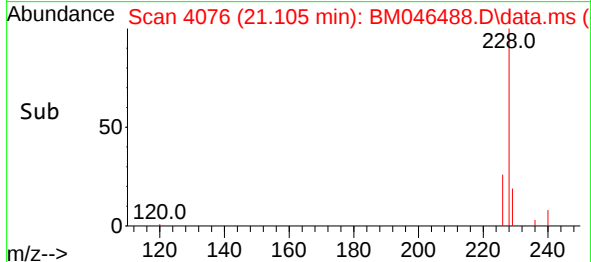
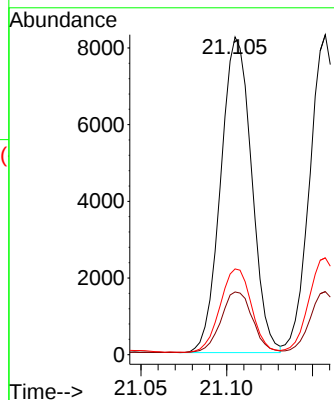


#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.105 min Scan# 4076
Delta R.T. -0.009 min
Lab File: BM046488.D
Acq: 10 Jul 2024 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS747

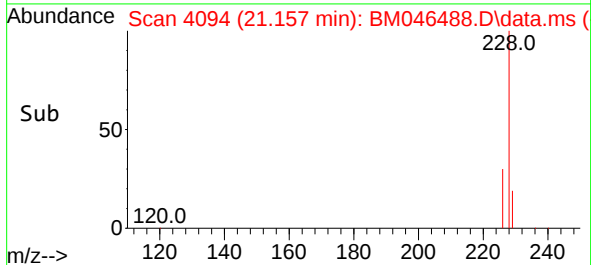
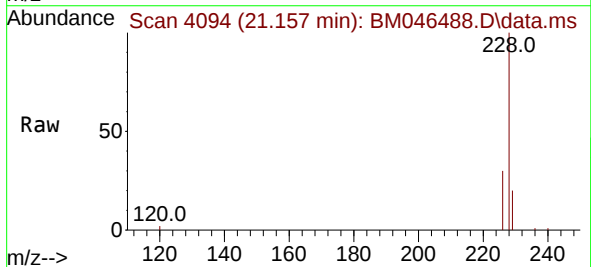
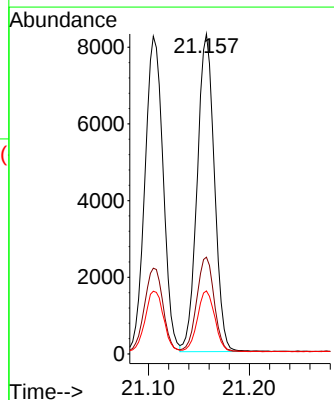


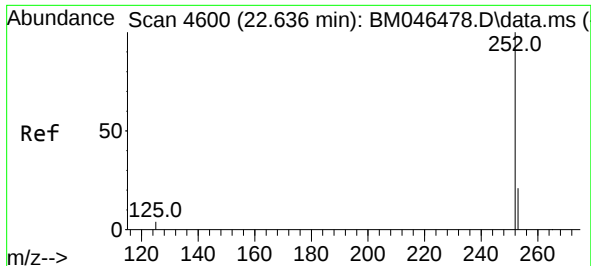
Tgt Ion:228 Resp: 10295
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 27.0 22.0 33.0



#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.157 min Scan# 4094
Delta R.T. -0.006 min
Lab File: BM046488.D
Acq: 10 Jul 2024 00:17

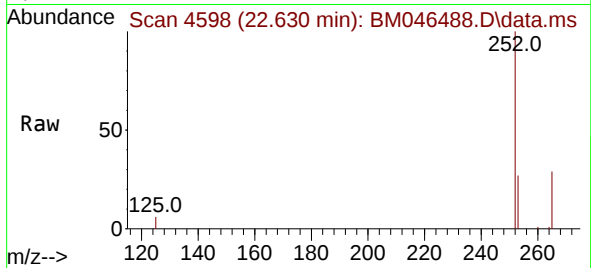
Tgt Ion:228 Resp: 9792
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 19.7 15.8 23.6



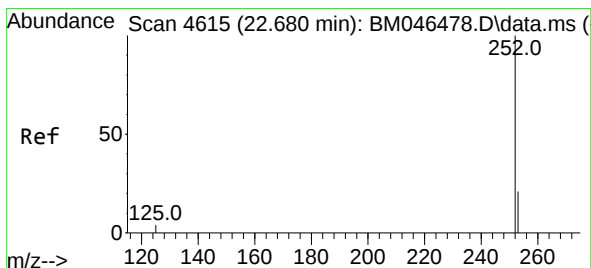
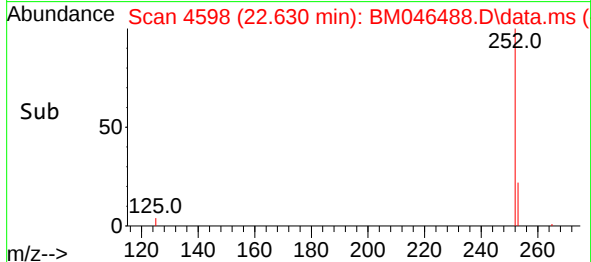
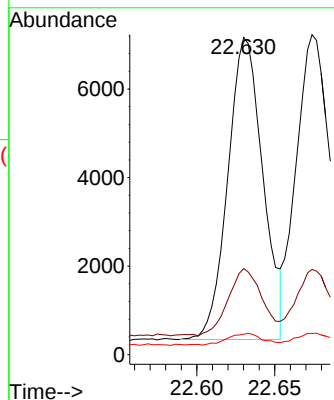


#24
Benzo(b)fluoranthene
Concen: 0.303 ng/ul
RT: 22.630 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM046488.D
Acq: 10 Jul 2024 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS747

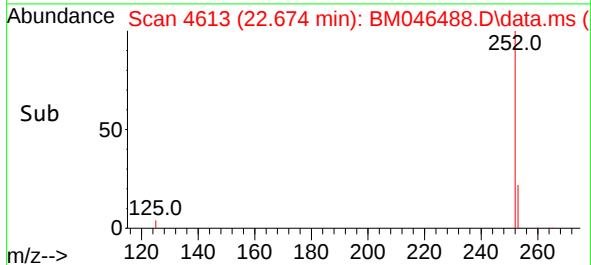
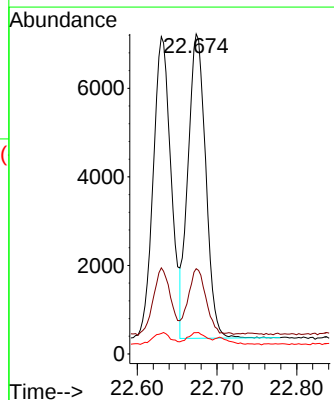
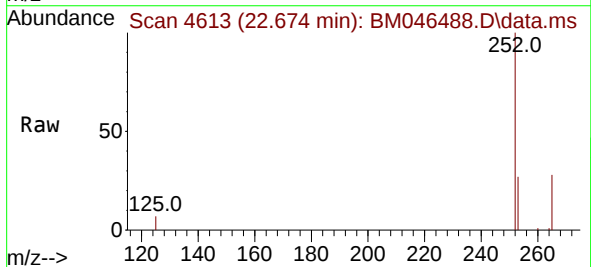


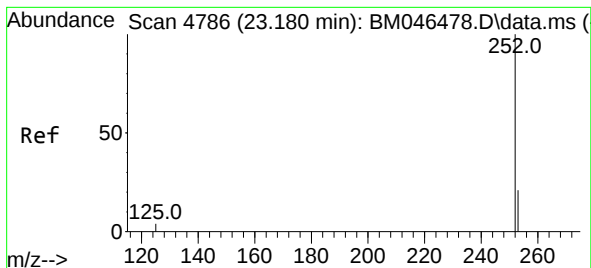
Tgt Ion:252 Resp: 10654
Ion Ratio Lower Upper
252 100
253 27.1 0.0 47.0
125 6.5 0.0 18.4



#25
Benzo(k)fluoranthene
Concen: 0.298 ng/ul
RT: 22.674 min Scan# 4613
Delta R.T. -0.009 min
Lab File: BM046488.D
Acq: 10 Jul 2024 00:17

Tgt Ion:252 Resp: 10577
Ion Ratio Lower Upper
252 100
253 26.7 18.4 27.6
125 6.6 7.5 11.3#





#26

Benzo(a)pyrene

Concen: 0.351 ng/ul

RT: 23.174 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM046488.D

Acq: 10 Jul 2024 00:17

Instrument :

BNA_M

ClientSampleId :

SLCS747

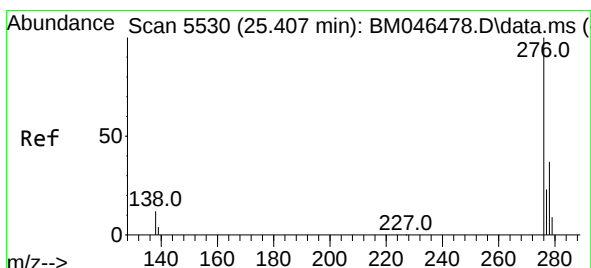
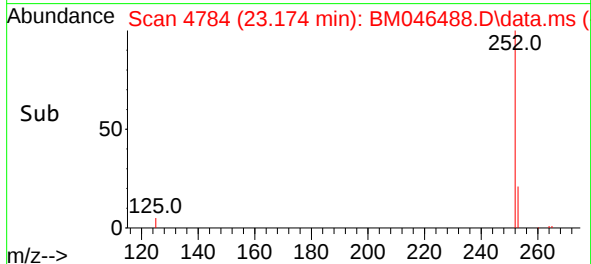
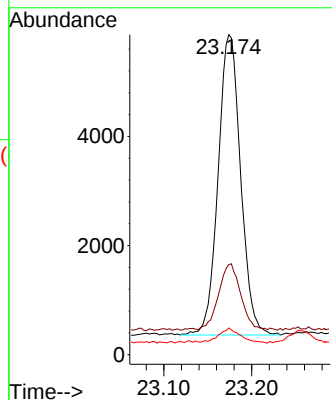
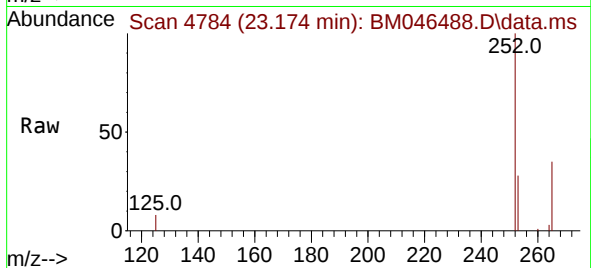
Tgt Ion:252 Resp: 9765

Ion Ratio Lower Upper

252 100

253 28.1 18.9 28.3

125 8.3 8.1 12.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.349 ng/ul

RT: 25.403 min Scan# 5529

Delta R.T. -0.010 min

Lab File: BM046488.D

Acq: 10 Jul 2024 00:17

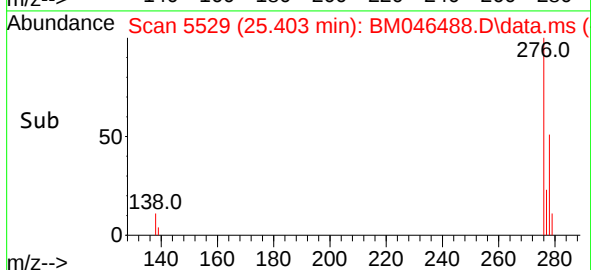
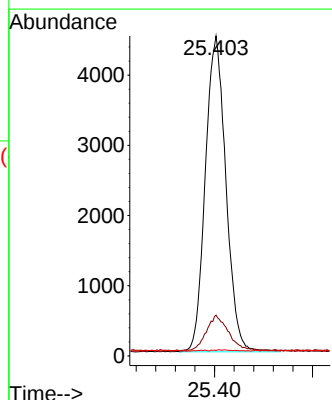
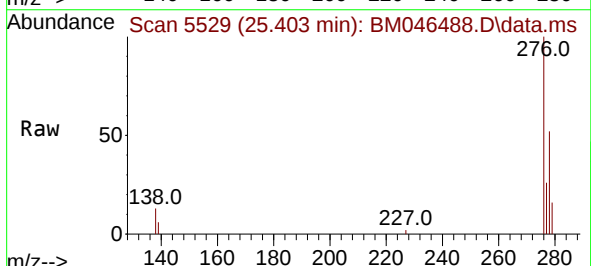
Tgt Ion:276 Resp: 13129

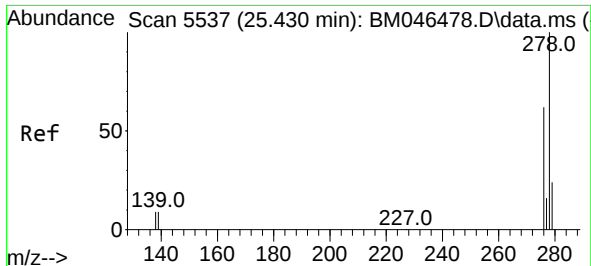
Ion Ratio Lower Upper

276 100

138 11.6 15.7 23.5#

227 0.3 0.1 0.1#

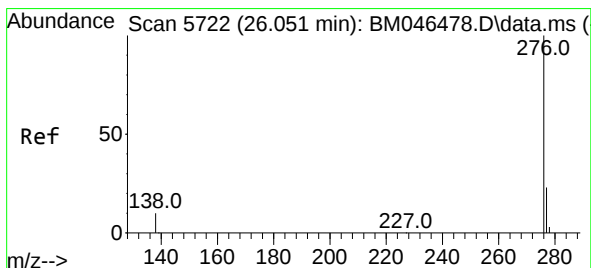
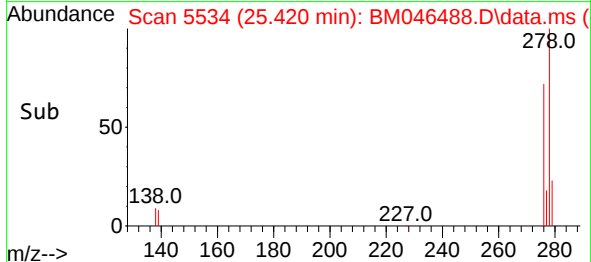
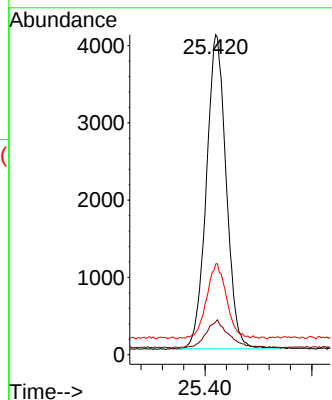
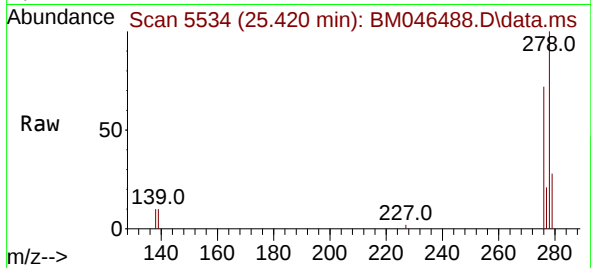




#28
 Dibenzo(a,h)anthracene
 Concen: 0.361 ng/ul
 RT: 25.420 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BM046488.D
 Acq: 10 Jul 2024 00:17

Instrument :
 BNA_M
 ClientSampleId :
 SLCS747

Tgt Ion:278 Resp: 10485
 Ion Ratio Lower Upper
 278 100
 139 10.3 12.6 18.8#
 279 28.4 20.7 31.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.366 ng/ul
 RT: 26.044 min Scan# 5720
 Delta R.T. -0.014 min
 Lab File: BM046488.D
 Acq: 10 Jul 2024 00:17

Tgt Ion:276 Resp: 10963
 Ion Ratio Lower Upper
 276 100
 138 11.2 15.4 23.0#
 277 25.8 19.7 29.5

