

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048888.D
 Acq On : 07 Dec 2024 03:40
 Operator : RC/JU
 Sample : PB165445BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS445

Quant Time: Dec 07 04:09:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 00:05:00 2024
 Response via : Initial Calibration

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

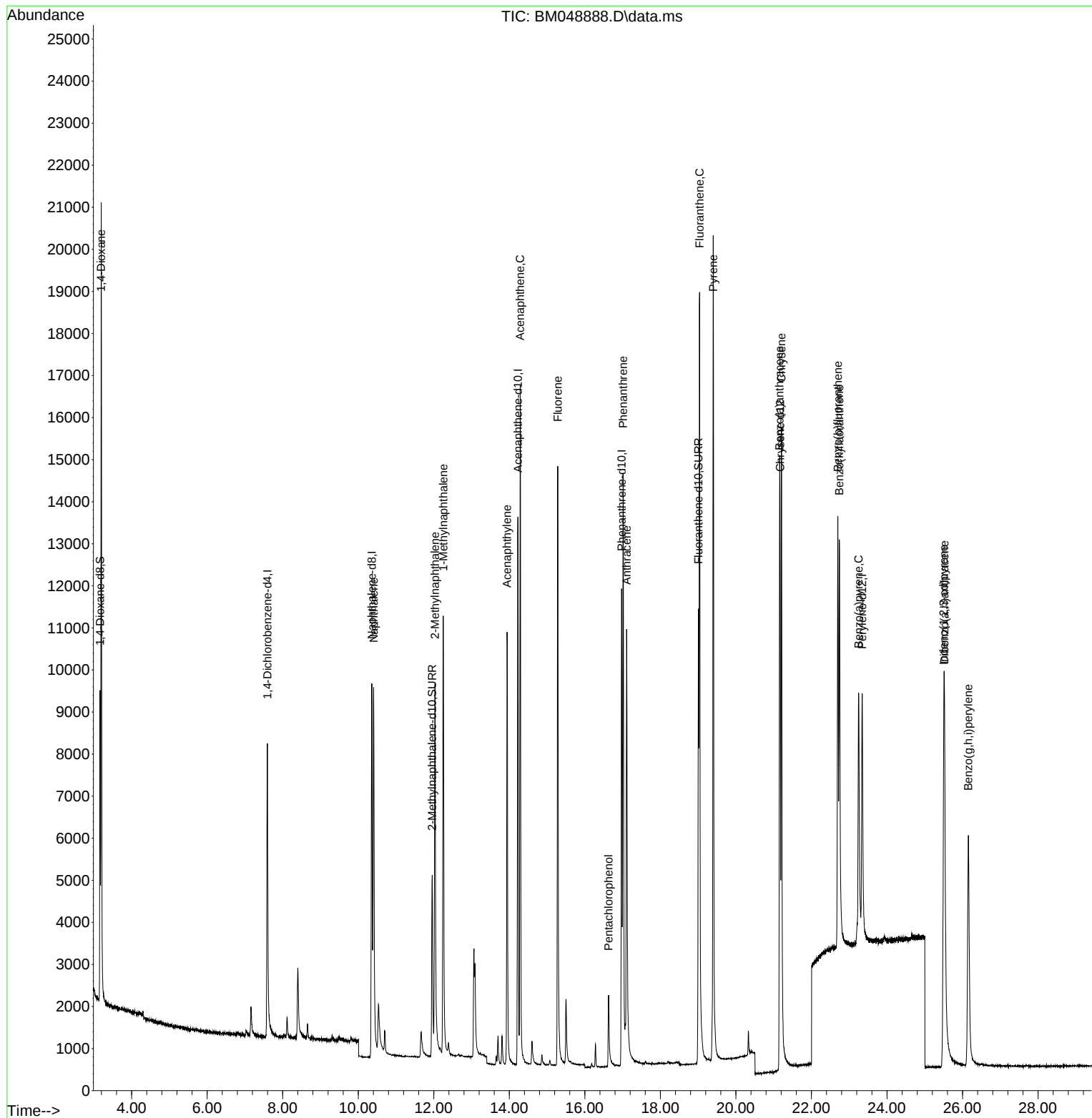
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.594	152	4802	0.400	ng/ul	0.00
4) Naphthalene-d8	10.358	136	13733	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.228	164	7714	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	15008	0.400	ng/ul	0.00
17) Chrysene-d12	21.170	240	9144	0.400	ng/ul	0.00
23) Perylene-d12	23.344	264	8530	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	4229	0.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	7428	0.449	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	13795	0.489	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	11997	1.653	ng/ul#	75
5) Naphthalene	10.407	128	13999	0.403	ng/ul	99
7) 2-Methylnaphthalene	12.030	142	8377	0.418	ng/ul	98
8) 1-Methylnaphthalene	12.250	142	8668	0.408	ng/ul	99
10) Acenaphthylene	13.941	152	12742	0.377	ng/ul	98
11) Acenaphthene	14.288	153	9736	0.399	ng/ul	98
12) Fluorene	15.283	166	10569	0.418	ng/ul	99
14) Pentachlorophenol	16.629	266	1715	1.322	ng/ul#	4
15) Phenanthrene	17.013	178	16466	0.433	ng/ul	98
16) Anthracene	17.106	178	14069	0.415	ng/ul	97
19) Fluoranthene	19.038	202	18163	0.432	ng/ul	99
20) Pyrene	19.401	202	18344	0.419	ng/ul	99
21) Benzo(a)anthracene	21.155	228	12252	0.475	ng/ul	98
22) Chrysene	21.205	228	16012	0.392	ng/ul	99
24) Benzo(b)fluoranthene	22.698	252	12934	0.540	ng/ul	94
25) Benzo(k)fluoranthene	22.739	252	14962	0.445	ng/ul	96
26) Benzo(a)pyrene	23.250	252	11118	0.453	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.504	276	14904	0.459	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.524	278	11352	0.468	ng/ul	93
29) Benzo(g,h,i)perylene	26.155	276	12398	0.440	ng/ul	97

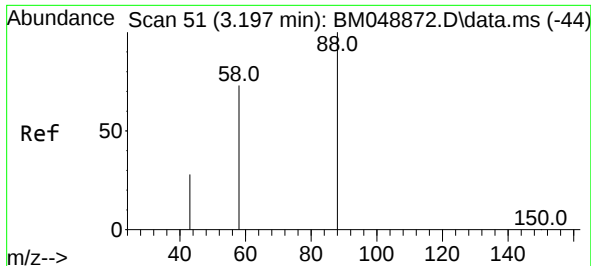
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:05:00 2024
Response via : Initial Calibration

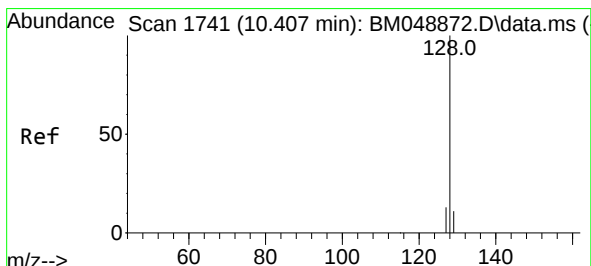
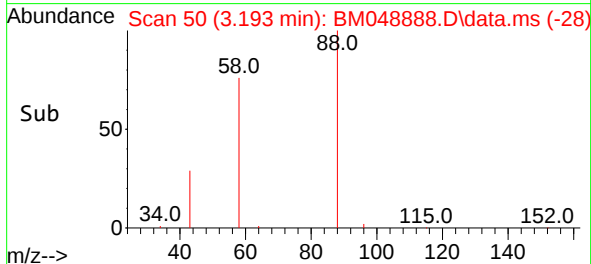
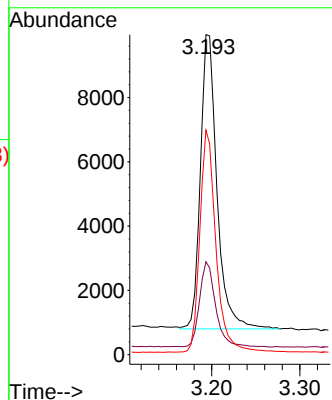
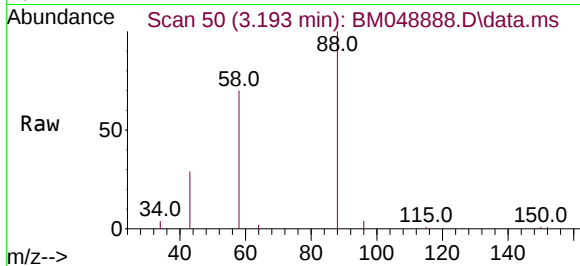




#2
1,4-Dioxane
Concen: 1.653 ng/ul
RT: 3.193 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

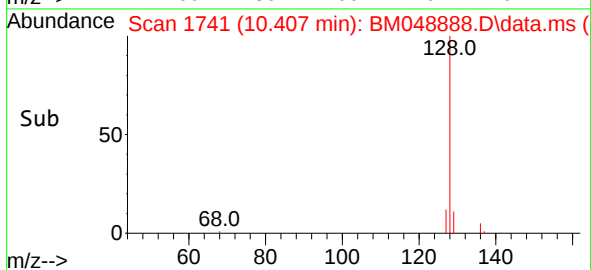
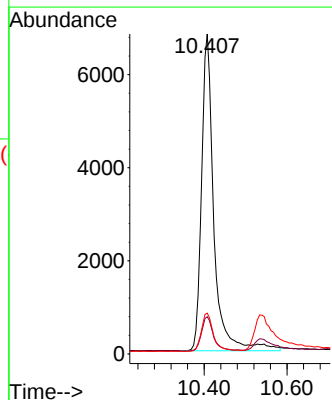
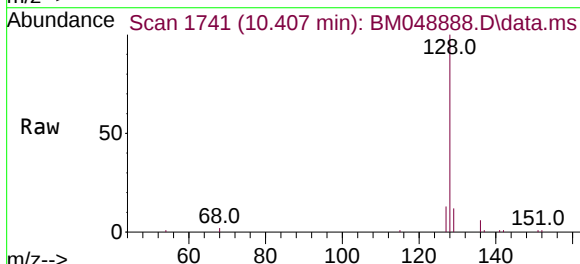
Instrument :
BNA_M
ClientSampleId :
SLCS445

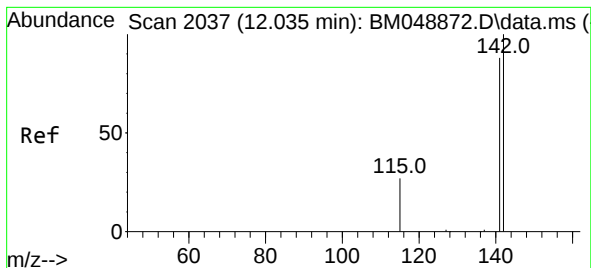
Tgt Ion: 88 Resp: 11997
Ion Ratio Lower Upper
88 100
43 29.0 20.6 30.8
58 70.1 37.6 56.4#



#5
Naphthalene
Concen: 0.403 ng/ul
RT: 10.407 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

Tgt Ion: 128 Resp: 13999
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 12.8 10.7 16.1

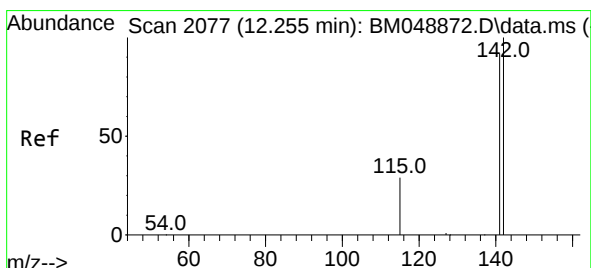
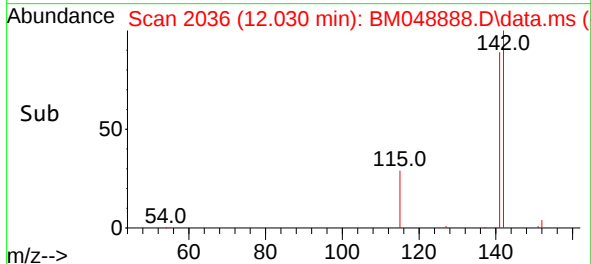
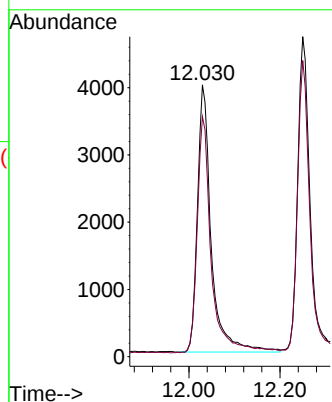
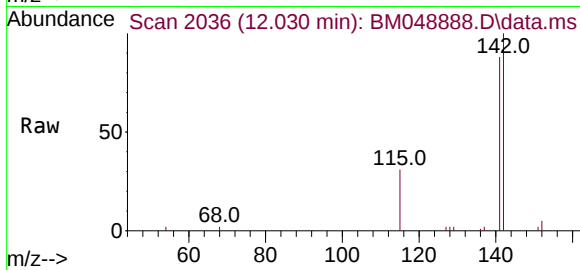




#7
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.030 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

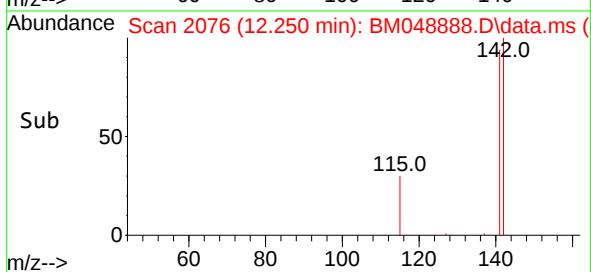
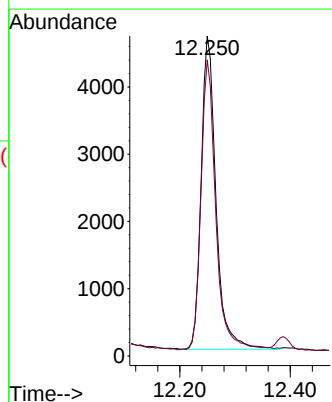
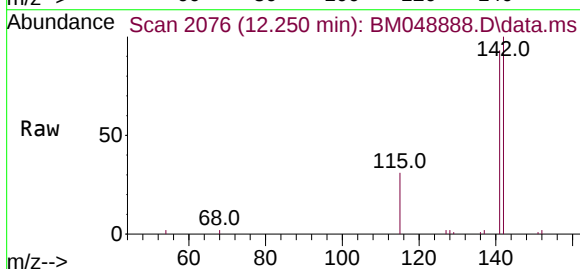
Instrument :
BNA_M
ClientSampleId :
SLCS445

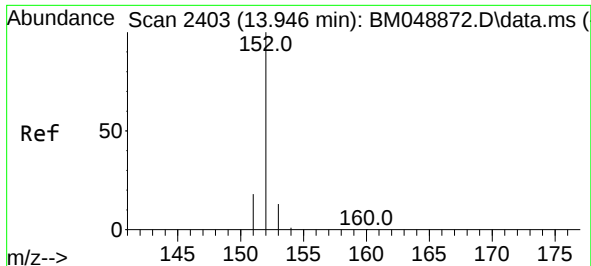
Tgt Ion:142 Resp: 8377
Ion Ratio Lower Upper
142 100
141 89.5 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.250 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

Tgt Ion:142 Resp: 8668
Ion Ratio Lower Upper
142 100
141 92.0 72.5 108.7

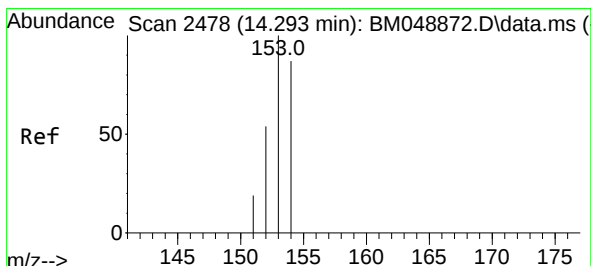
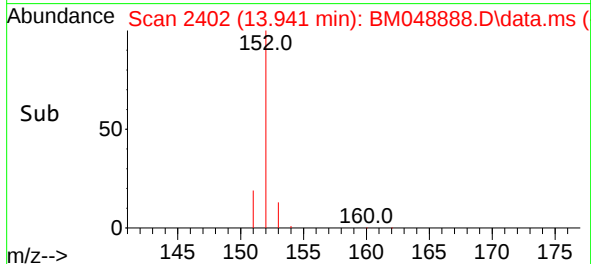
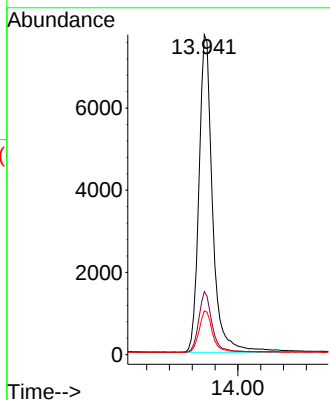
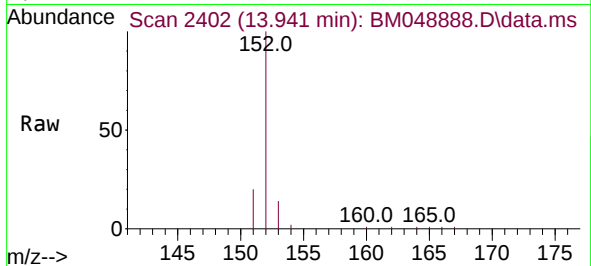




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 13.941 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

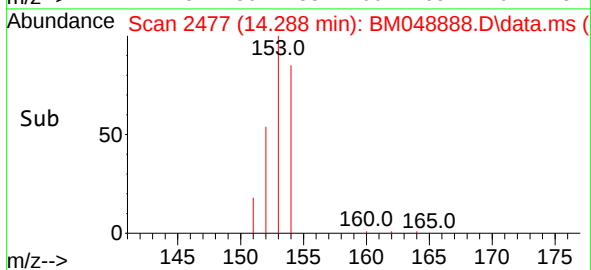
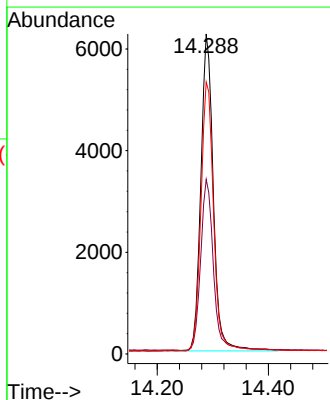
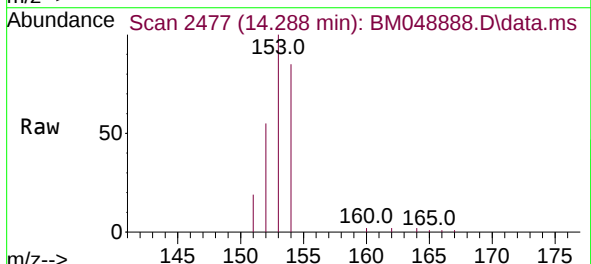
Instrument :
BNA_M
ClientSampleId :
SLCS445

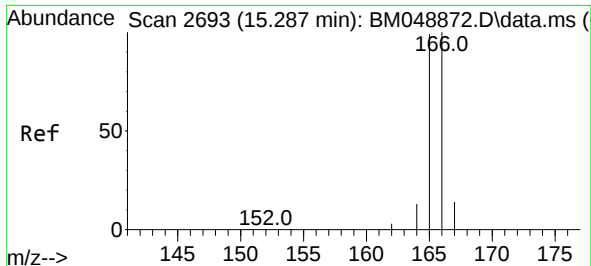
Tgt Ion:152 Resp: 12742
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.7 11.7 17.5



#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.288 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

Tgt Ion:153 Resp: 9736
Ion Ratio Lower Upper
153 100
152 54.6 46.5 69.7
154 85.0 68.7 103.1

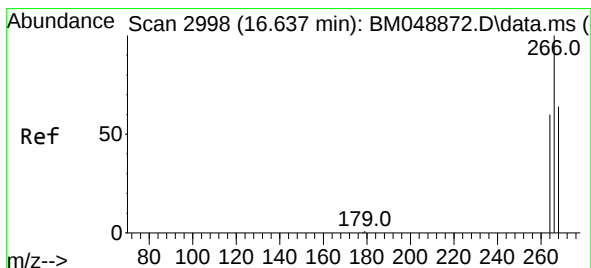
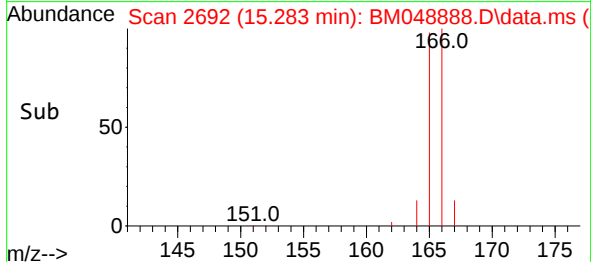
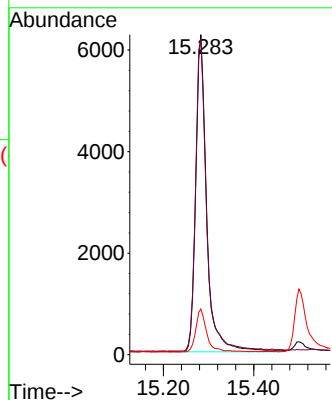
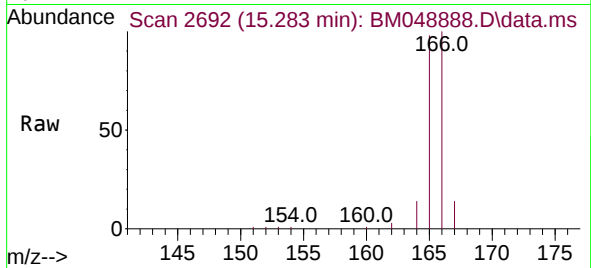




#12
Fluorene
Concen: 0.418 ng/ul
RT: 15.283 min Scan# 2096
Delta R.T. -0.005 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

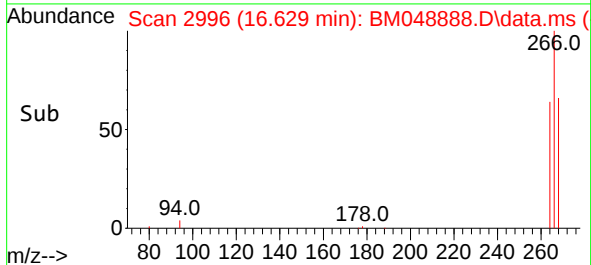
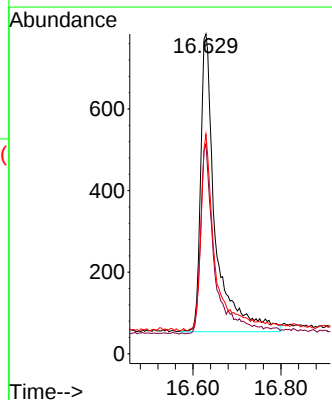
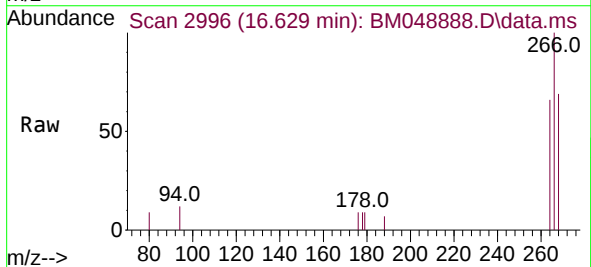
Instrument :
BNA_M
ClientSampleId :
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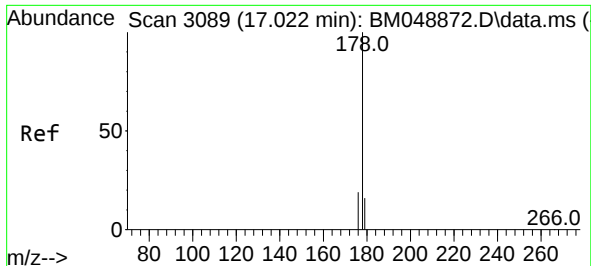
Tgt Ion:166 Resp: 10569
Ion Ratio Lower Upper
166 100
165 98.5 79.8 119.6
167 14.3 12.2 18.2



#14
Pentachlorophenol
Concen: 1.322 ng/ul
RT: 16.629 min Scan# 2996
Delta R.T. -0.004 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

Tgt Ion:266 Resp: 1715
Ion Ratio Lower Upper
266 100
264 62.3 15.3 22.9#
268 66.1 0.0 0.0#

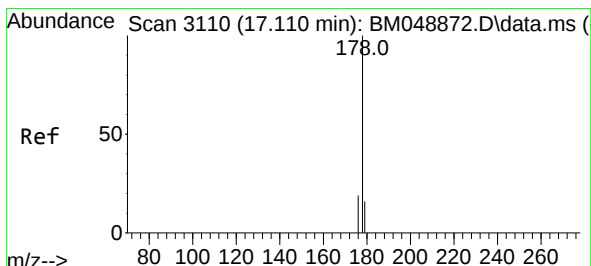
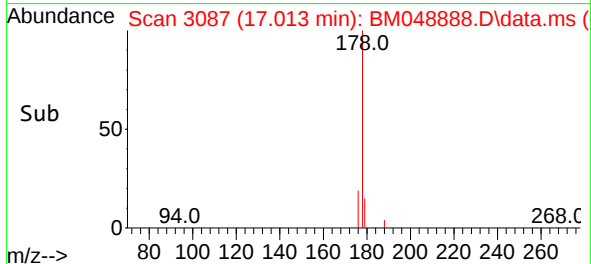
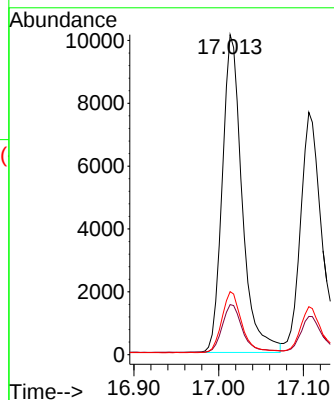
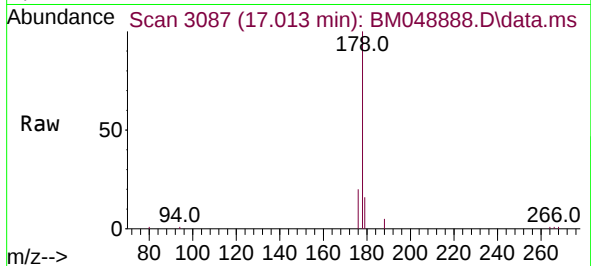




#15
Phenanthrene
Concen: 0.433 ng/ul
RT: 17.013 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

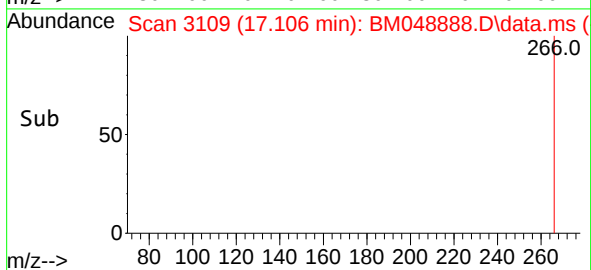
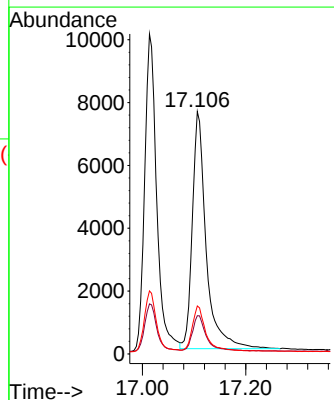
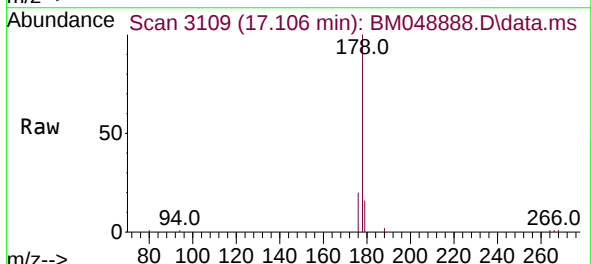
Instrument :
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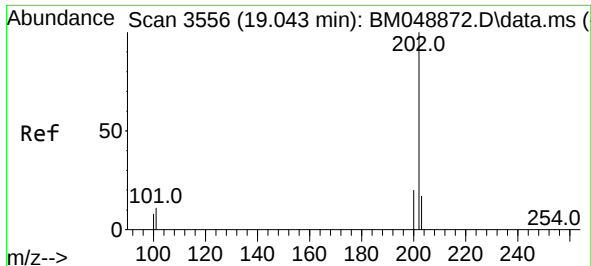
Tgt Ion:178 Resp: 16466
Ion Ratio Lower Upper
178 100
179 15.7 13.4 20.0
176 19.7 16.2 24.4



#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.106 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

Tgt Ion:178 Resp: 14069
Ion Ratio Lower Upper
178 100
179 15.8 14.0 21.0
176 19.8 17.0 25.4

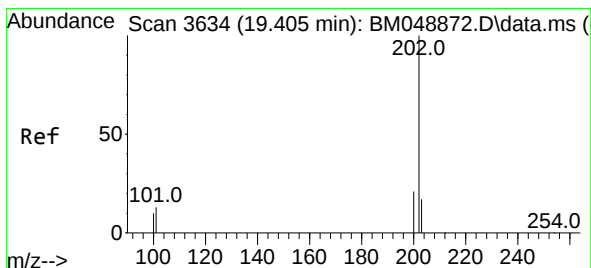
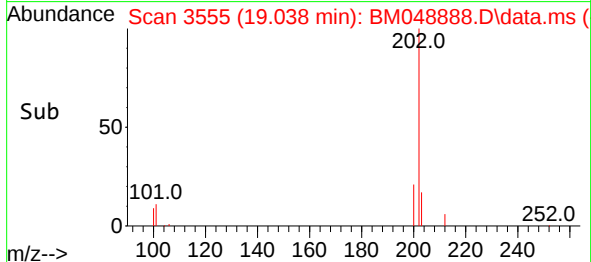
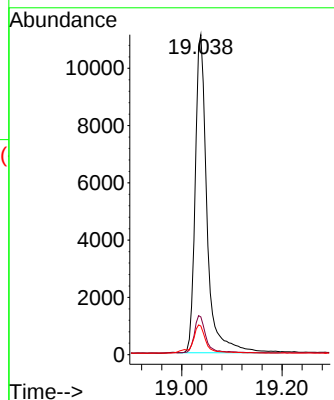
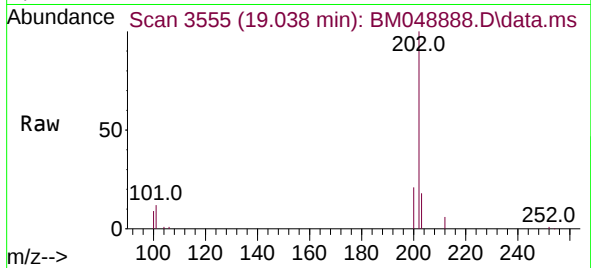




#19
Fluoranthene
Concen: 0.432 ng/ul
RT: 19.038 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

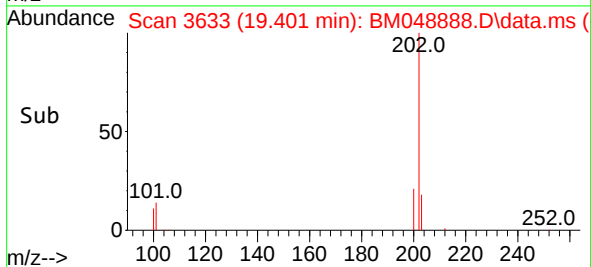
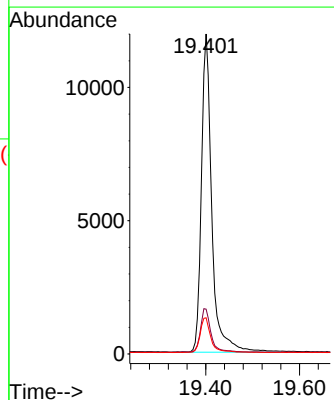
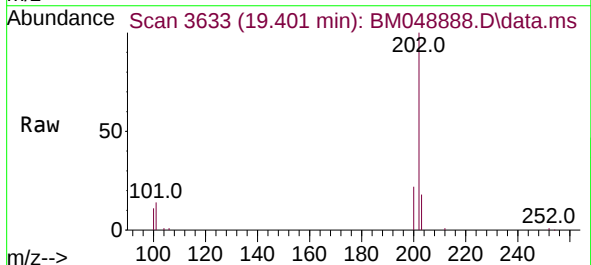
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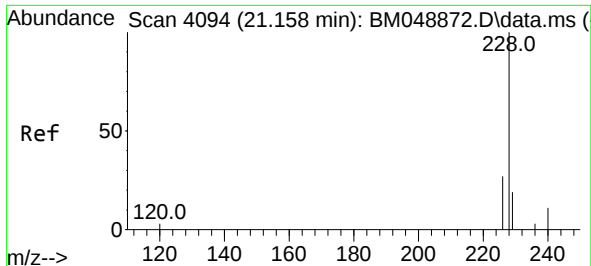
Tgt Ion:202 Resp: 18163
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 9.0 7.5 11.3



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.401 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

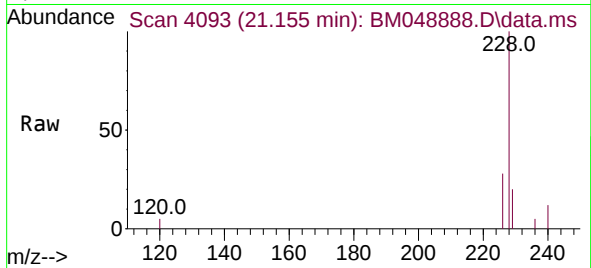
Tgt Ion:202 Resp: 18344
Ion Ratio Lower Upper
202 100
101 14.0 11.6 17.4
100 11.3 9.4 14.0



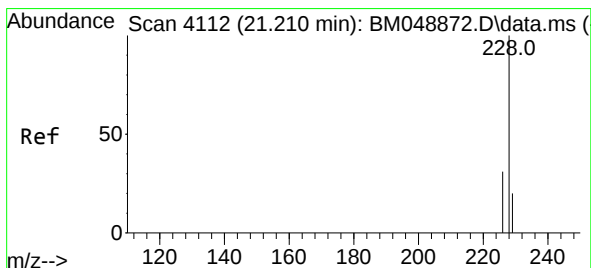
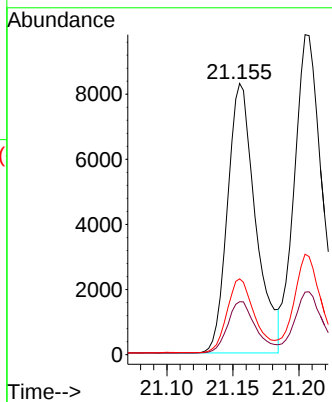
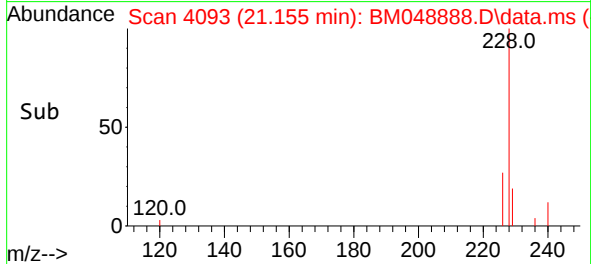


#21
Benzo(a)anthracene
Concen: 0.475 ng/ul
RT: 21.155 min Scan# 4094
Delta R.T. -0.003 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

Instrument :
BNA_M
ClientSampleId :
SLCS445

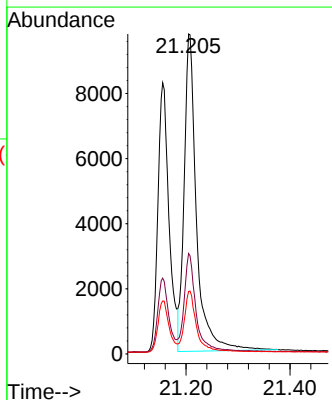
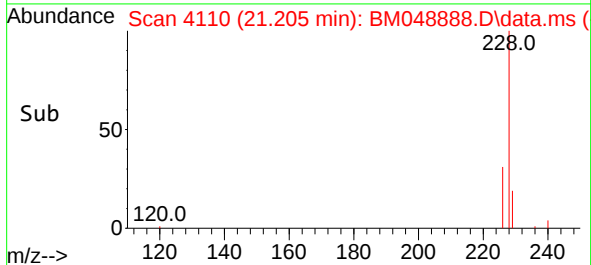
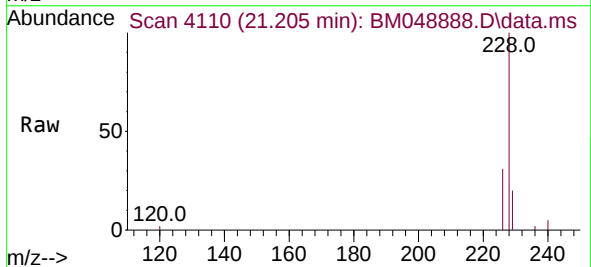


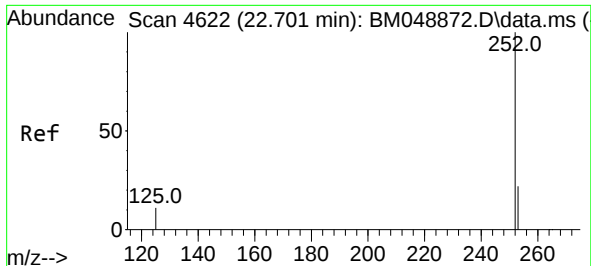
Tgt Ion:228 Resp: 12252
Ion Ratio Lower Upper
228 100
229 19.6 17.0 25.6
226 28.0 22.5 33.7



#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.205 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

Tgt Ion:228 Resp: 16012
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 19.6 16.1 24.1

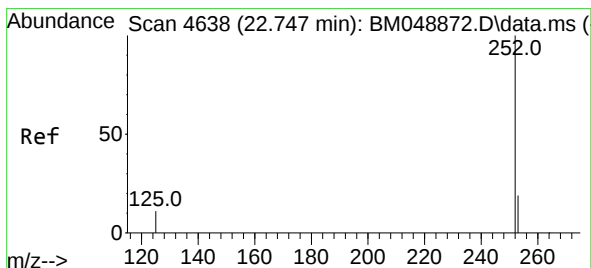
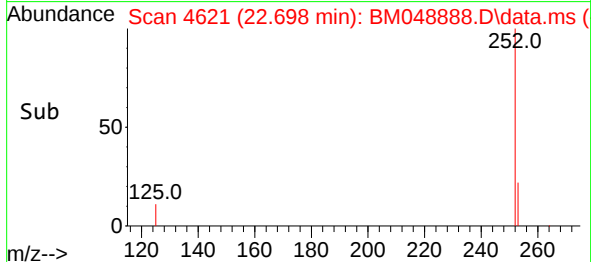
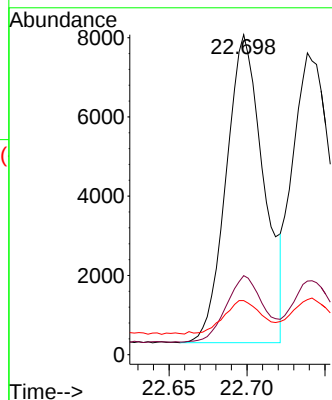
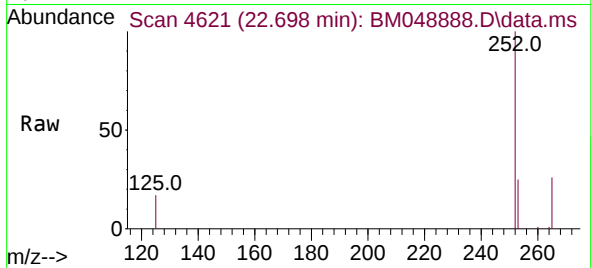




#24
Benzo(b)fluoranthene
Concen: 0.540 ng/ul
RT: 22.698 min Scan# 4621
Delta R.T. -0.003 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

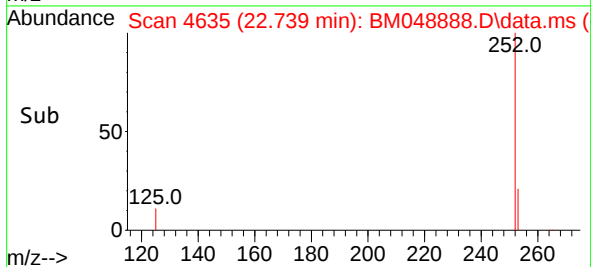
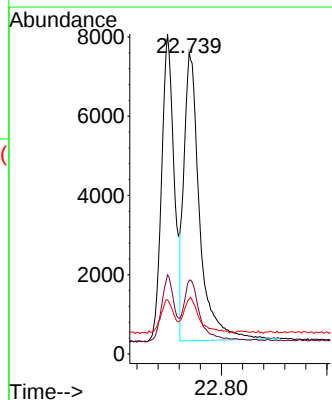
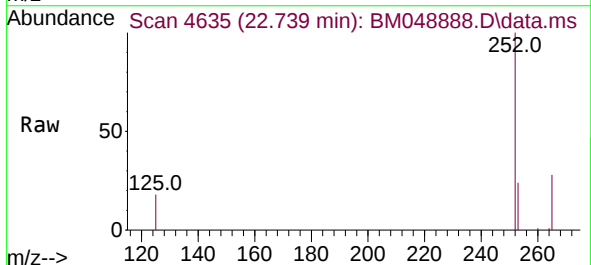
Instrument :
BNA_M
ClientSampleId :
SLCS445

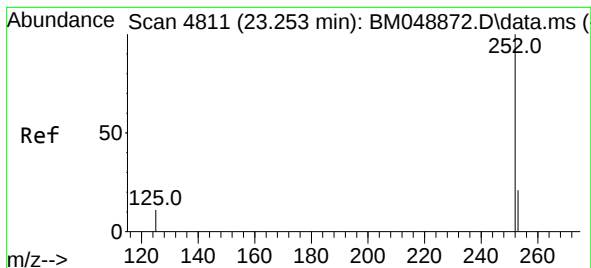
Tgt Ion:252 Resp: 12934
Ion Ratio Lower Upper
252 100
253 24.7 0.0 54.2
125 16.9 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.445 ng/ul
RT: 22.739 min Scan# 4635
Delta R.T. -0.006 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

Tgt Ion:252 Resp: 14962
Ion Ratio Lower Upper
252 100
253 24.4 20.8 31.2
125 18.2 16.2 24.4





#26

Benzo(a)pyrene

Concen: 0.453 ng/ul

RT: 23.250 min Scan# 4811

Delta R.T. -0.003 min

Lab File: BM048888.D

Acq: 07 Dec 2024 03:40

Instrument :

BNA_M

ClientSampleId :

SLCS445

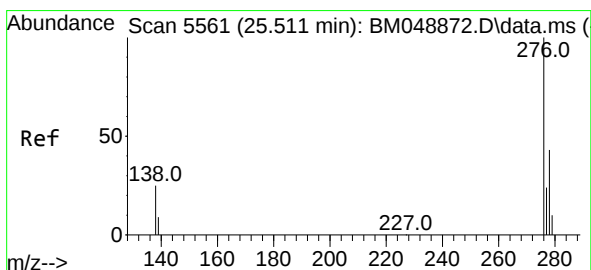
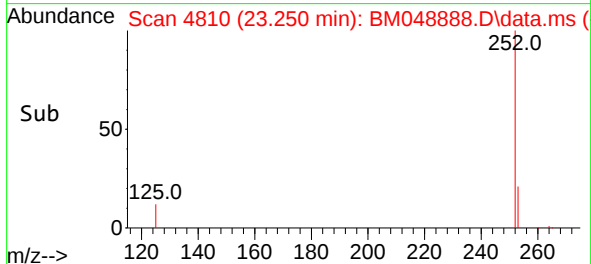
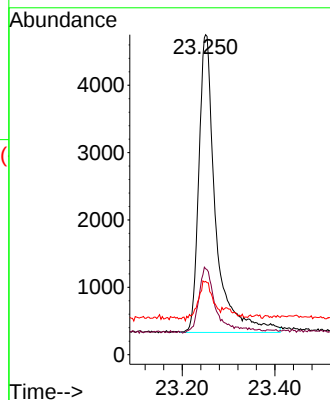
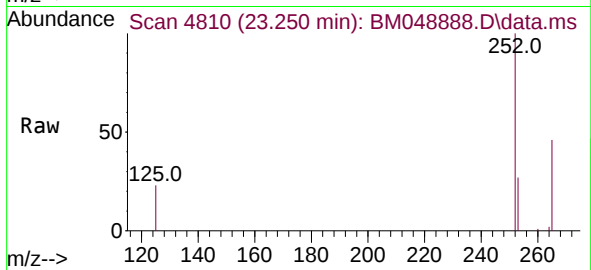
Tgt Ion:252 Resp: 11118

Ion Ratio Lower Upper

252 100

253 26.8 22.5 33.7

125 22.9 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.459 ng/ul

RT: 25.504 min Scan# 5559

Delta R.T. -0.003 min

Lab File: BM048888.D

Acq: 07 Dec 2024 03:40

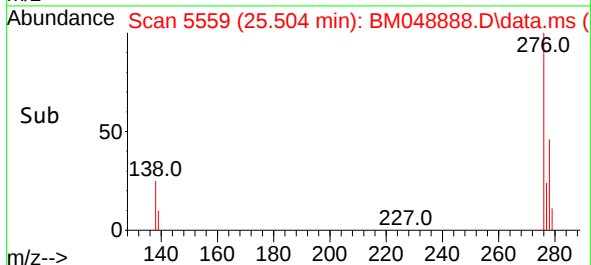
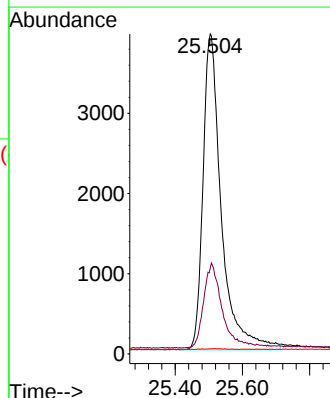
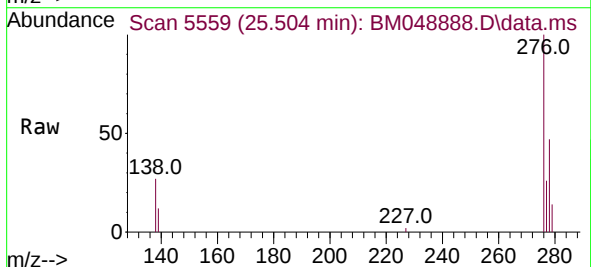
Tgt Ion:276 Resp: 14904

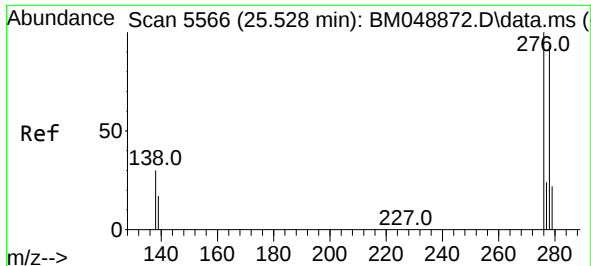
Ion Ratio Lower Upper

276 100

138 27.0 23.3 34.9

227 0.2 0.1 0.1#

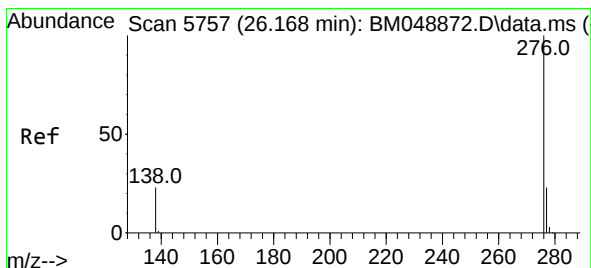
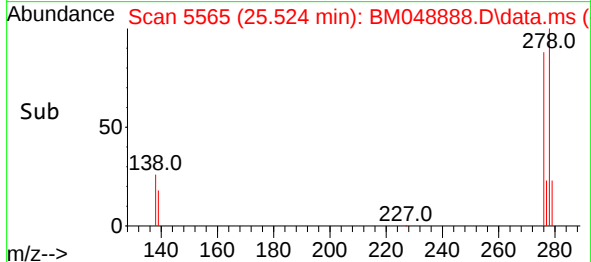
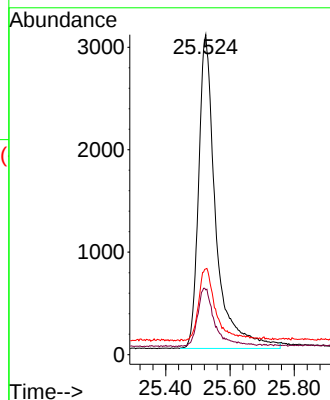
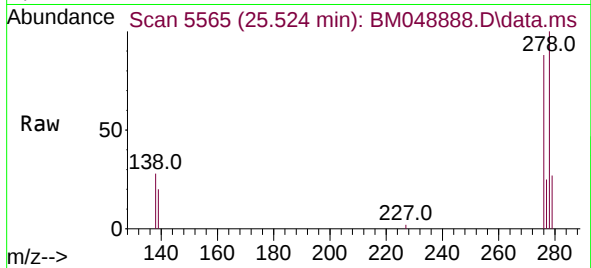




#28
Dibenzo(a,h)anthracene
Concen: 0.468 ng/ul
RT: 25.524 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

Instrument :
BNA_M
ClientSampleId :
SLCS445

Tgt Ion:278 Resp: 11352
Ion Ratio Lower Upper
278 100
139 20.2 18.6 27.8
279 26.8 24.7 37.1



#29
Benzo(g,h,i)perylene
Concen: 0.440 ng/ul
RT: 26.155 min Scan# 5753
Delta R.T. -0.007 min
Lab File: BM048888.D
Acq: 07 Dec 2024 03:40

Tgt Ion:276 Resp: 12398
Ion Ratio Lower Upper
276 100
138 25.7 22.2 33.2
277 25.6 21.8 32.6

