

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052824\
 Data File : BM045767.D
 Acq On : 28 May 2024 19:13
 Operator : MA/JU
 Sample : SST0.139
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1001

Quant Time: May 28 23:51:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 28 23:49:11 2024
 Response via : Initial Calibration

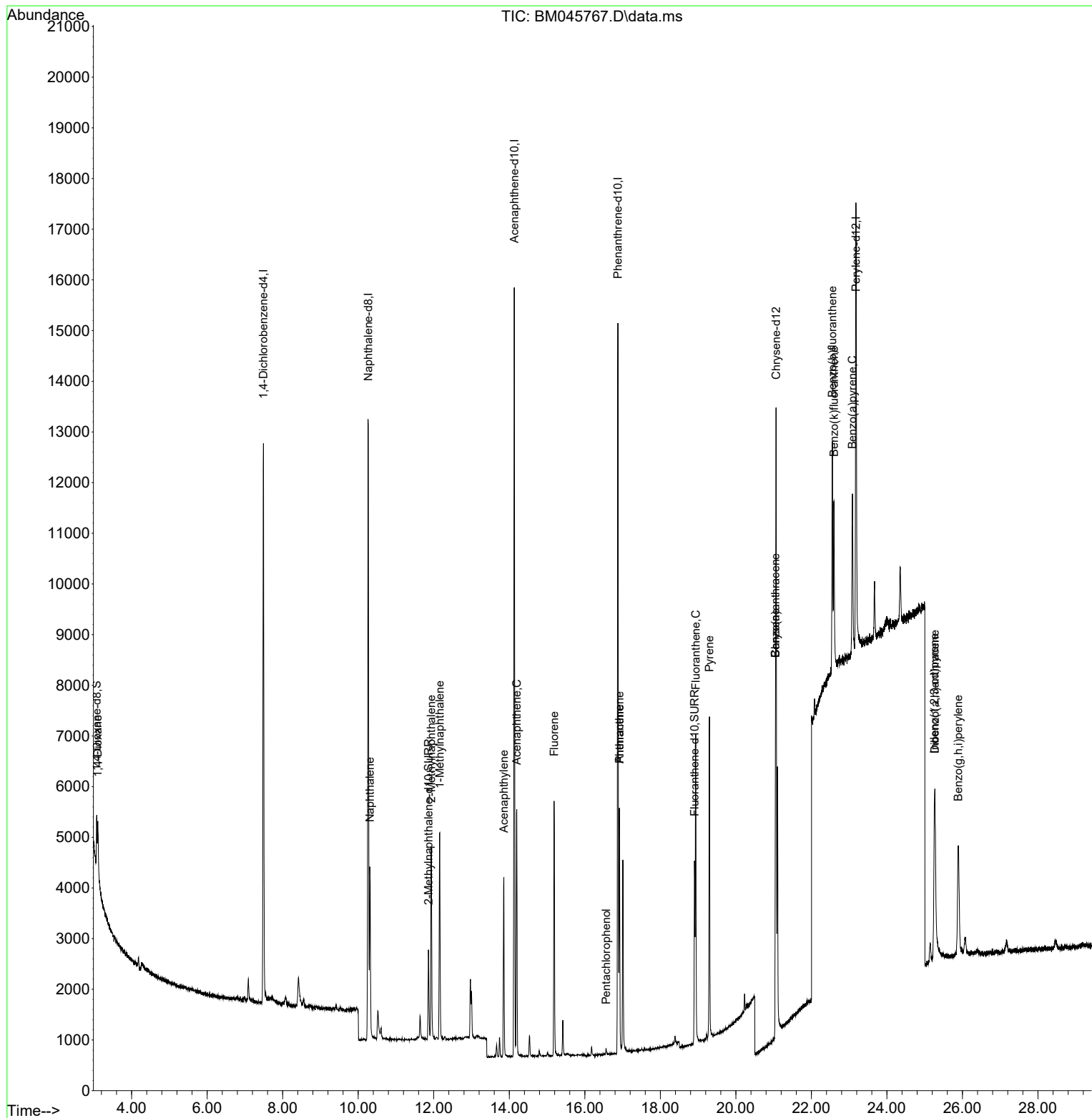
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.489	152	5634	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	16314	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.132	164	8375	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.875	188	16489	0.400	ng/ul	0.00
17) Chrysene-d12	21.067	240	10883	0.400	ng/ul	0.00
23) Perylene-d12	23.180	264	11981	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.075	96	873	0.123	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2382	0.106	ng/ul	0.00
18) Fluoranthene-d10	18.905	212	3953	0.143	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	736	0.108	ng/ul#	78
5) Naphthalene	10.310	128	4412	0.102	ng/ul#	94
7) 2-Methylnaphthalene	11.932	142	2753	0.104	ng/ul	98
8) 1-Methylnaphthalene	12.157	142	2934	0.104	ng/ul	99
10) Acenaphthylene	13.854	152	3971	0.100	ng/ul	98
11) Acenaphthene	14.197	153	2892	0.103	ng/ul	99
12) Fluorene	15.187	166	3177	0.100	ng/ul	98
14) Pentachlorophenol	16.567	266	111	0.031	ng/ul	96
15) Phenanthrene	16.918	178	4867	0.105	ng/ul	96
16) Anthracene	16.918	178	4867	0.105	ng/ul	95
19) Fluoranthene	18.937	202	5315	0.137	ng/ul	95
20) Pyrene	19.300	202	5564	0.134	ng/ul	96
21) Benzo(a)anthracene	21.049	228	4388	0.102	ng/ul	95
22) Chrysene	21.049	228	4375	0.086	ng/ul	96
24) Benzo(b)fluoranthene	22.554	252	4570	0.093	ng/ul#	42
25) Benzo(k)fluoranthene	22.598	252	4574	0.090	ng/ul#	35
26) Benzo(a)pyrene	23.086	252	3799	0.095	ng/ul#	31
27) Indeno(1,2,3-cd)pyrene	25.259	276	4812	0.098	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.272	278	3511	0.101	ng/ul#	38
29) Benzo(g,h,i)perylene	25.890	276	4829	0.105	ng/ul#	67

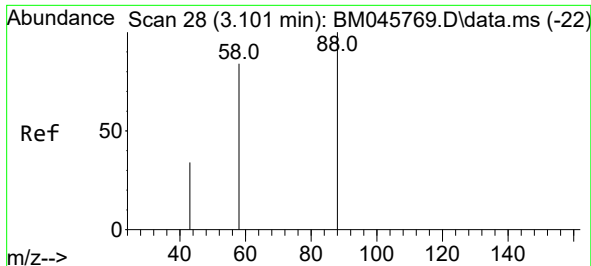
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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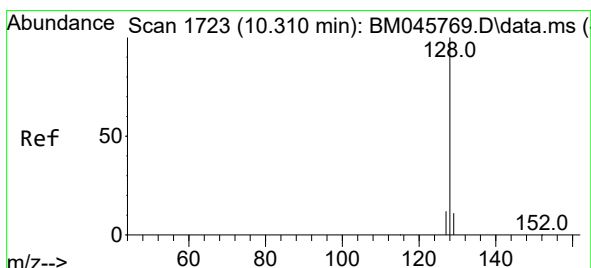
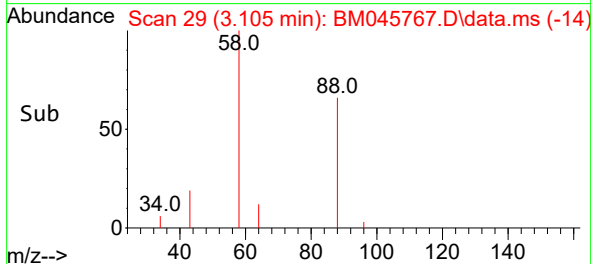
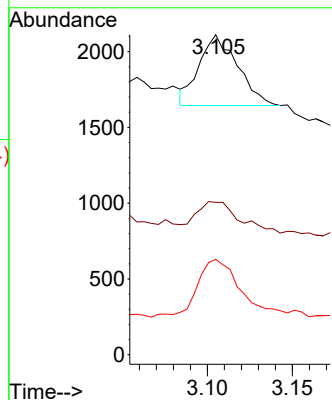
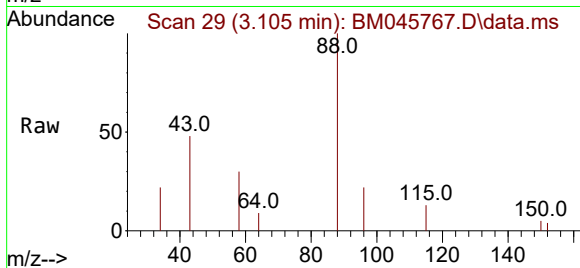




#2
1,4-Dioxane
Concen: 0.108 ng/ul
RT: 3.105 min Scan# 29
Delta R.T. 0.004 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

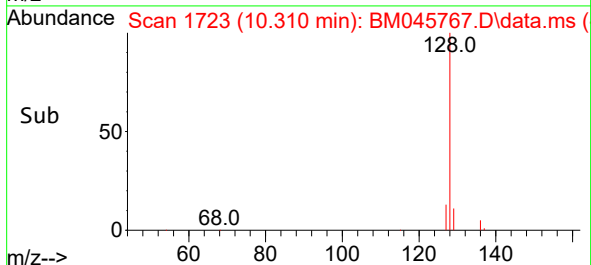
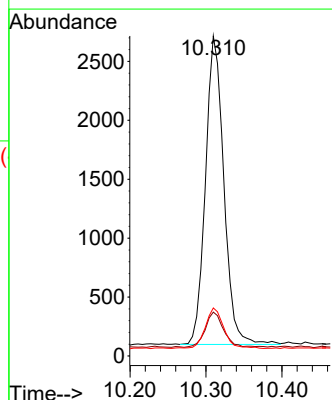
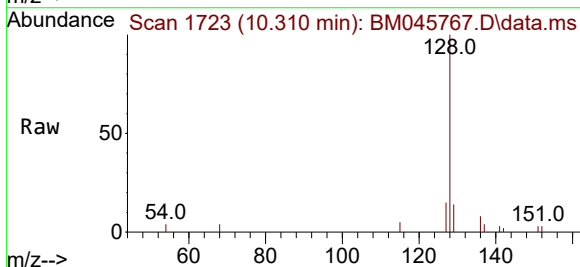
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

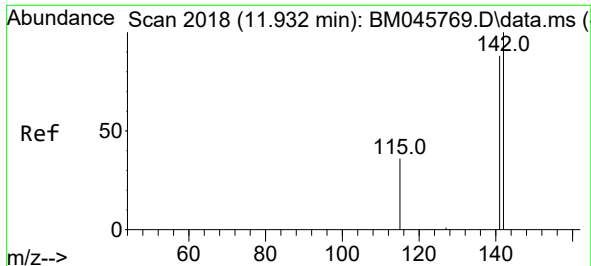
Tgt Ion: 88 Resp: 736
Ion Ratio Lower Upper
88 100
43 47.6 38.4 57.6
58 29.8 47.0 70.6#



#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

Tgt Ion: 128 Resp: 4412
Ion Ratio Lower Upper
128 100
129 13.7 8.9 13.3#
127 15.0 10.3 15.5

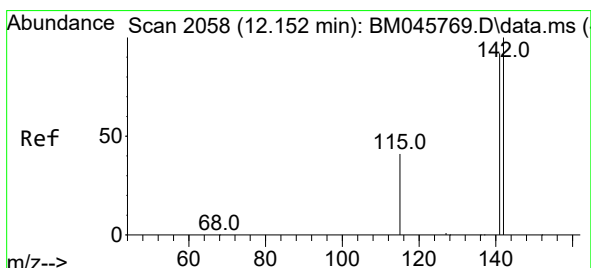
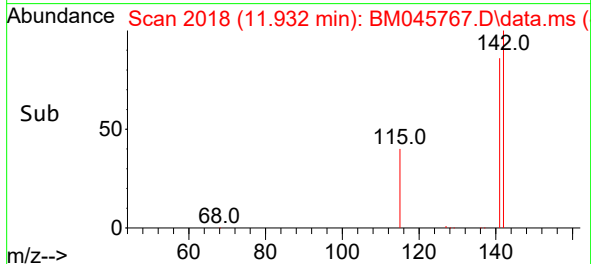
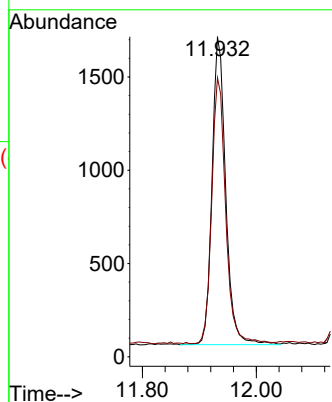
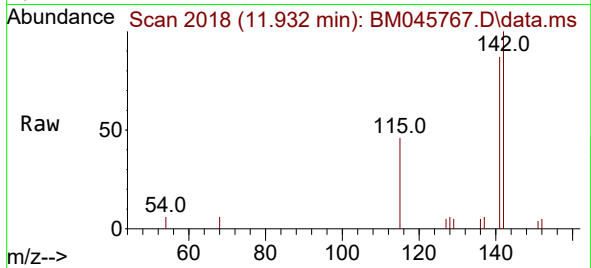




#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

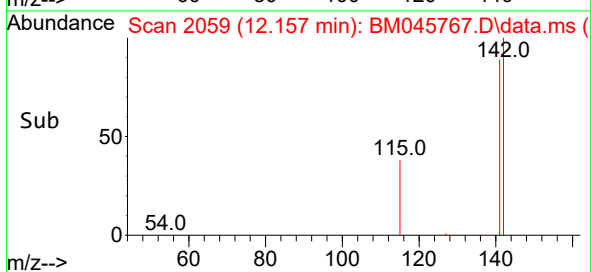
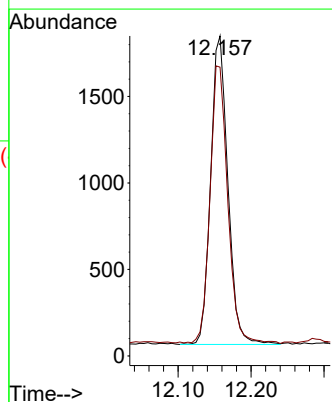
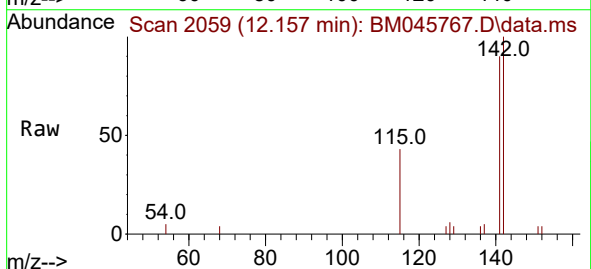
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

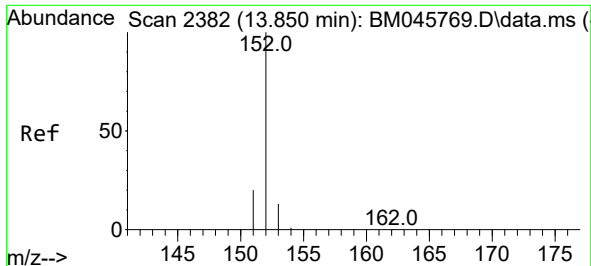
Tgt Ion:142 Resp: 2753
Ion Ratio Lower Upper
142 100
141 87.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.157 min Scan# 2059
Delta R.T. 0.005 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

Tgt Ion:142 Resp: 2934
Ion Ratio Lower Upper
142 100
141 92.4 73.3 109.9

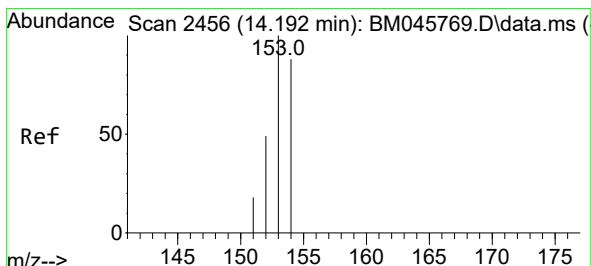
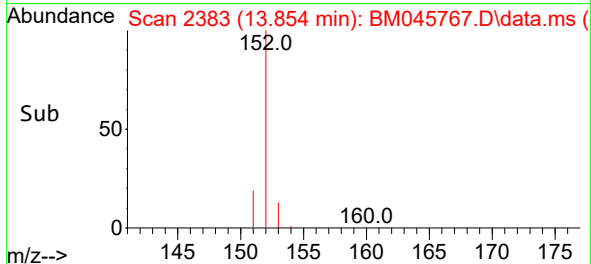
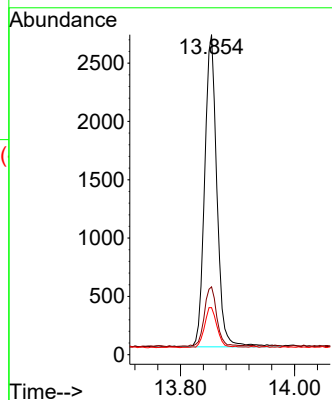
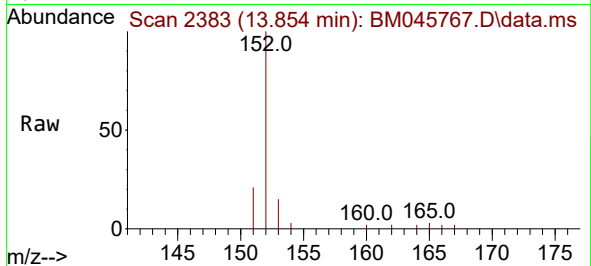




#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 13.854 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

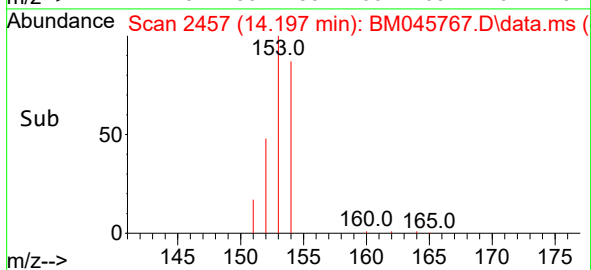
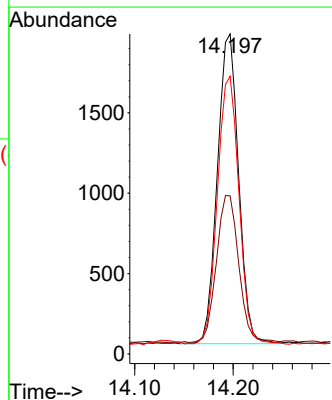
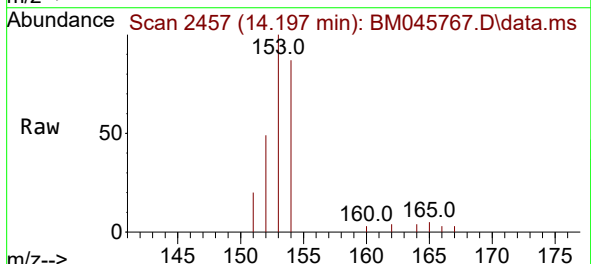
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

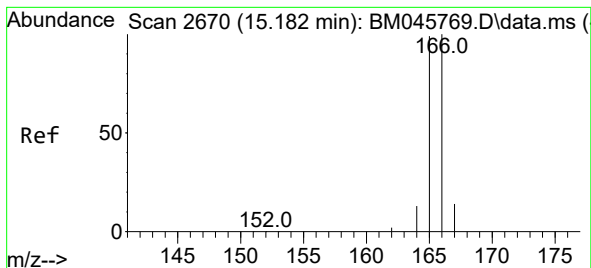
Tgt Ion:152 Resp: 3971
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 14.7 10.8 16.2



#11
Acenaphthene
Concen: 0.103 ng/ul
RT: 14.197 min Scan# 2457
Delta R.T. 0.005 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

Tgt Ion:153 Resp: 2892
Ion Ratio Lower Upper
153 100
152 49.4 39.7 59.5
154 86.8 70.2 105.4





#12

Fluorene

Concen: 0.100 ng/ul

RT: 15.187 min Scan# 2

Delta R.T. 0.005 min

Lab File: BM045767.D

Acq: 28 May 2024 19:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

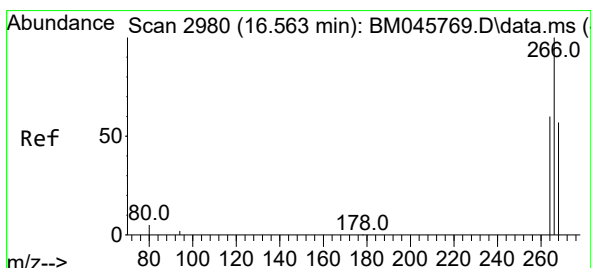
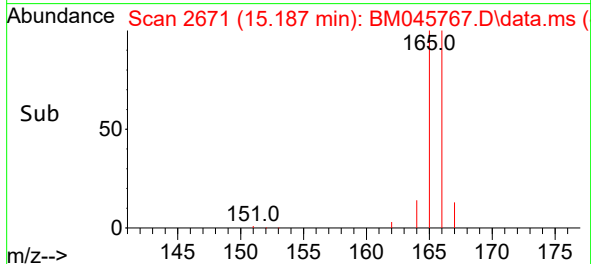
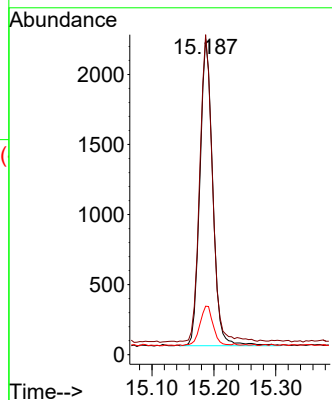
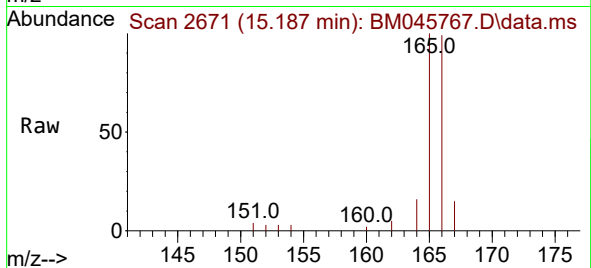
Tgt Ion:166 Resp: 3177

Ion Ratio Lower Upper

166 100

165 101.5 79.5 119.3

167 15.4 11.2 16.8



#14

Pentachlorophenol

Concen: 0.031 ng/ul

RT: 16.567 min Scan# 2981

Delta R.T. 0.004 min

Lab File: BM045767.D

Acq: 28 May 2024 19:13

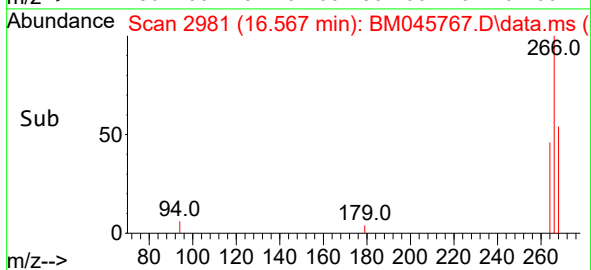
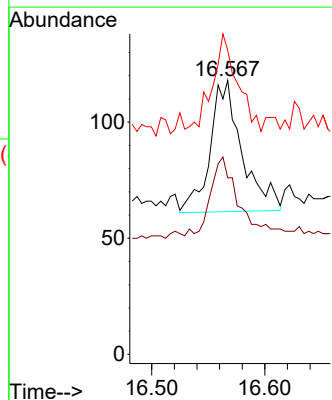
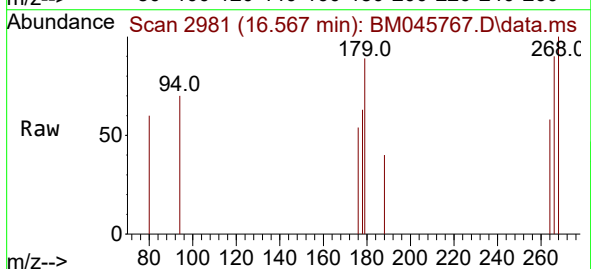
Tgt Ion:266 Resp: 111

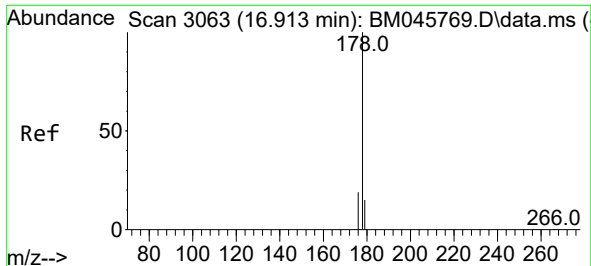
Ion Ratio Lower Upper

266 100

264 59.5 48.1 72.1

268 57.7 50.2 75.2

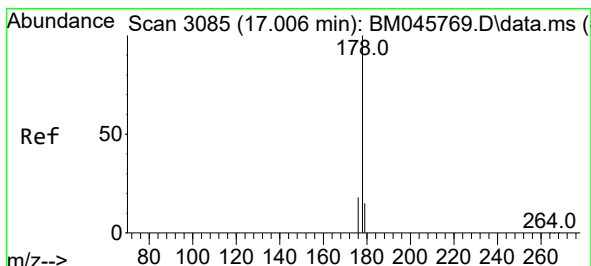
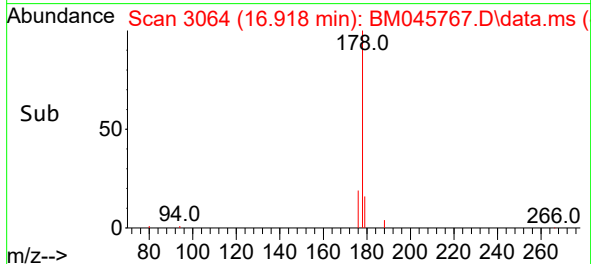
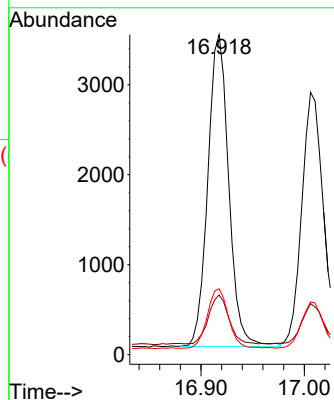
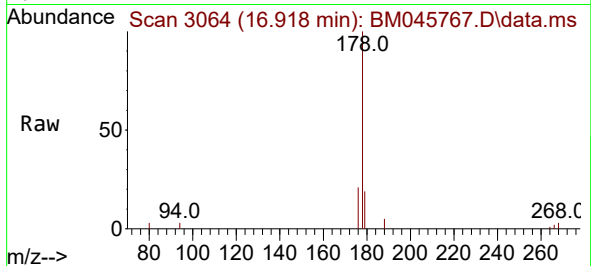




#15
Phenanthrene
Concen: 0.105 ng/ul
RT: 16.918 min Scan# 3063
Delta R.T. 0.004 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

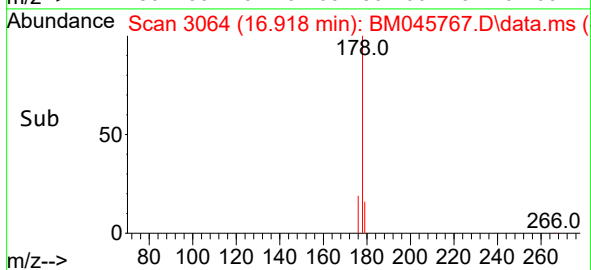
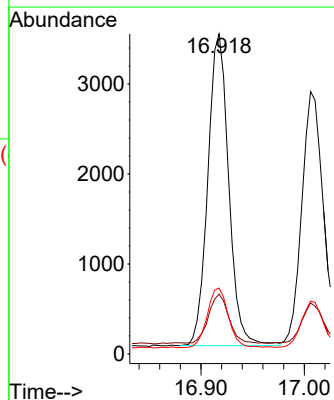
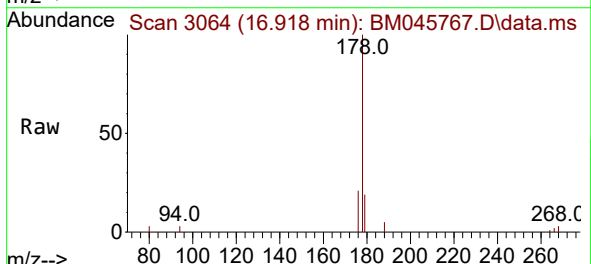
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

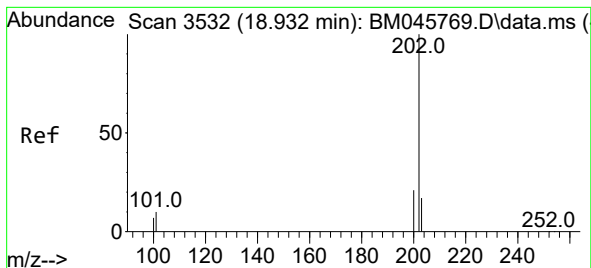
Tgt Ion:178 Resp: 4867
Ion Ratio Lower Upper
178 100
179 18.6 12.6 19.0
176 20.6 15.6 23.4



#16
Anthracene
Concen: 0.105 ng/ul
RT: 16.918 min Scan# 3064
Delta R.T. -0.089 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

Tgt Ion:178 Resp: 4867
Ion Ratio Lower Upper
178 100
179 18.6 12.9 19.3
176 20.6 14.7 22.1





#19

Fluoranthene

Concen: 0.137 ng/ul

RT: 18.937 min Scan# 3533

Delta R.T. 0.005 min

Lab File: BM045767.D

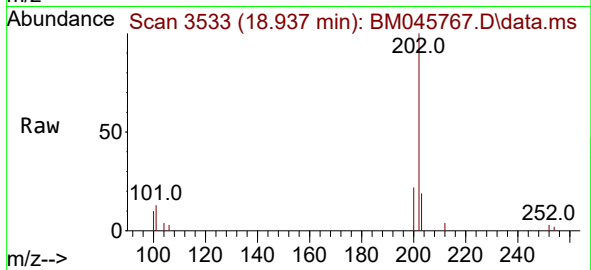
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Instrument :

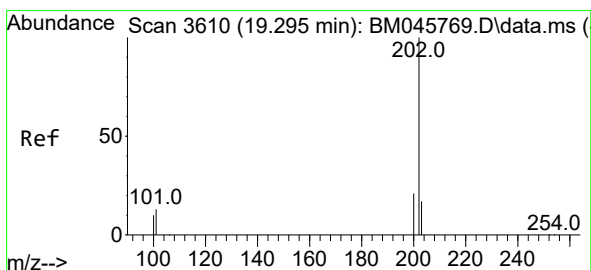
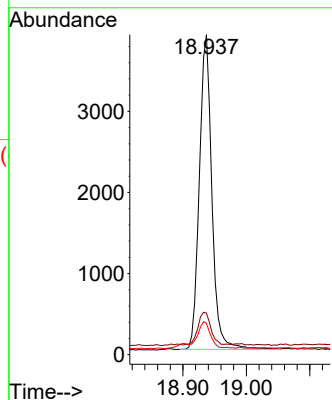
BNA_M

ClientSampleId :

SSTD0.1001



Tgt Ion:	202	Resp:	5315
Ion	Ratio	Lower	Upper
202	100		
101	13.0	8.9	13.3
100	9.8	6.7	10.1



#20

Pyrene

Concen: 0.134 ng/ul

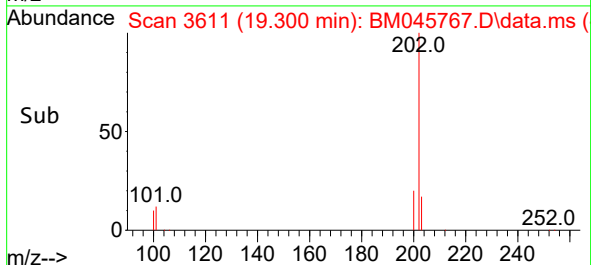
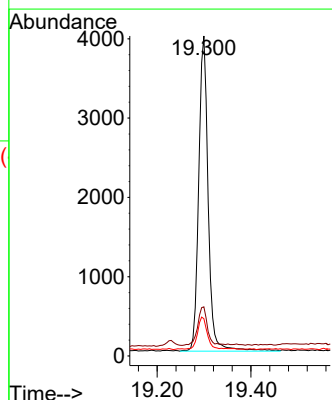
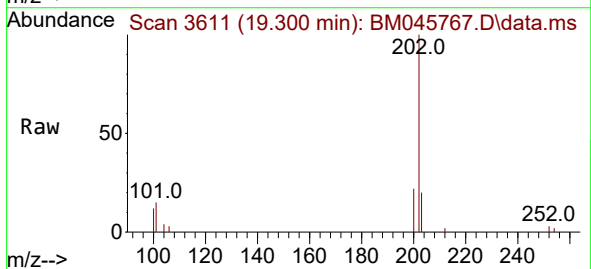
RT: 19.300 min Scan# 3611

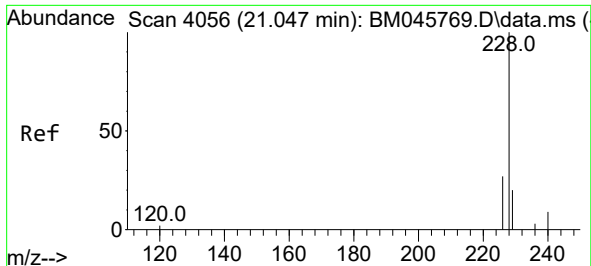
Delta R.T. 0.005 min

Lab File: BM045767.D

Acq: 28 May 2024 19:13

Tgt Ion:	202	Resp:	5564
Ion	Ratio	Lower	Upper
202	100		
101	15.4	10.5	15.7
100	11.6	8.6	12.8

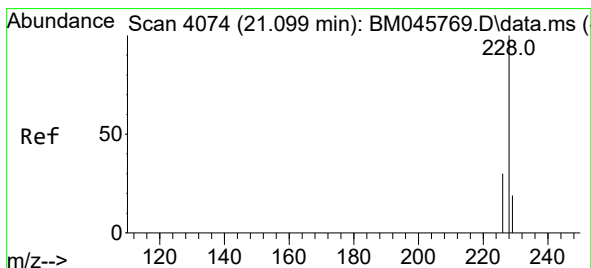
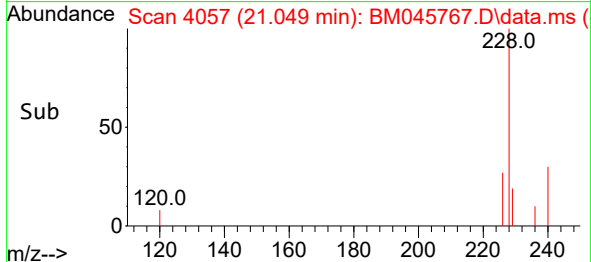
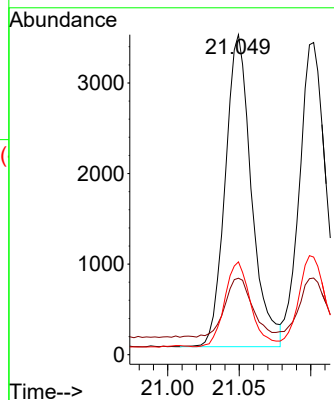
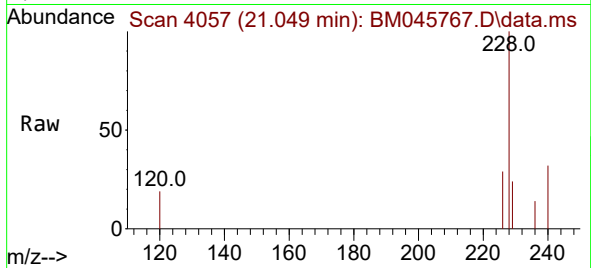




#21
Benzo(a)anthracene
Concen: 0.102 ng/ul
RT: 21.049 min Scan# 4056
Delta R.T. 0.003 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

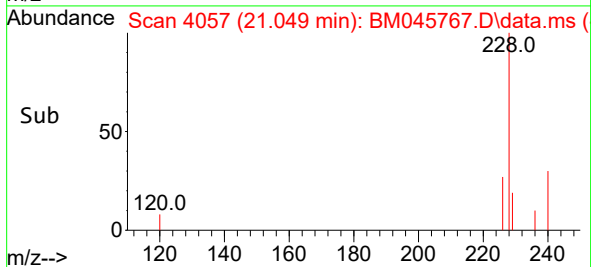
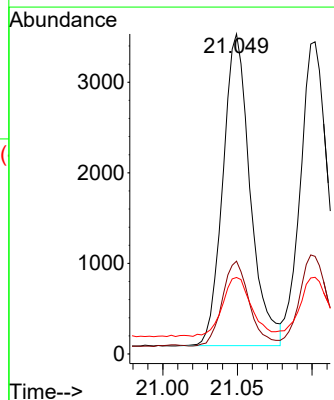
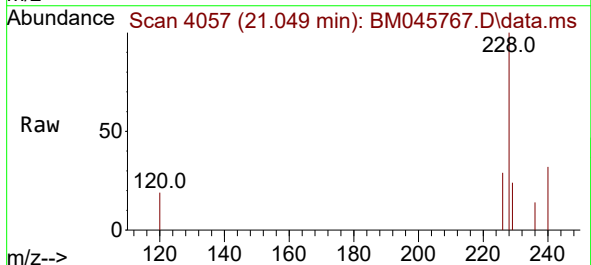
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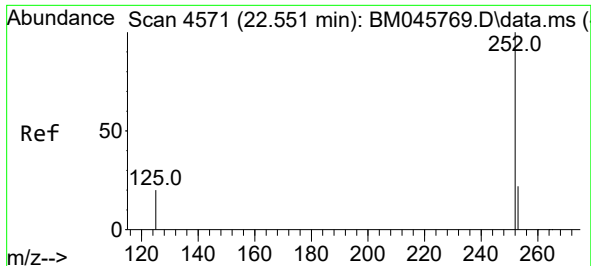
Tgt Ion:228 Resp: 4388
Ion Ratio Lower Upper
228 100
229 23.9 16.6 25.0
226 29.0 21.8 32.6



#22
Chrysene
Concen: 0.086 ng/ul
RT: 21.049 min Scan# 4057
Delta R.T. -0.050 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

Tgt Ion:228 Resp: 4375
Ion Ratio Lower Upper
228 100
226 29.0 23.8 35.8
229 23.9 16.3 24.5

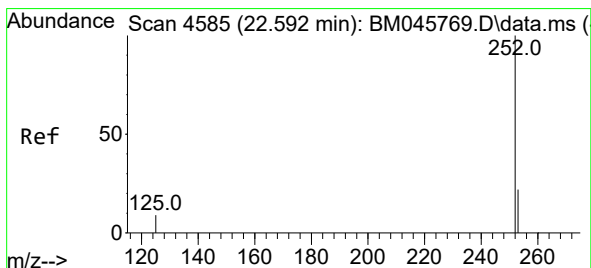
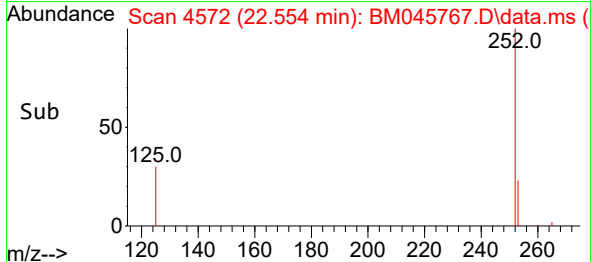
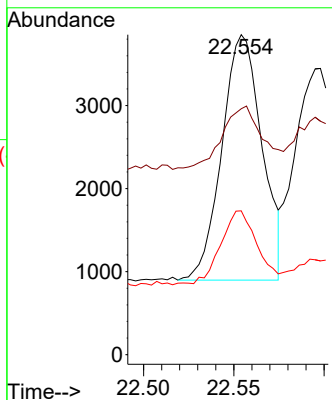
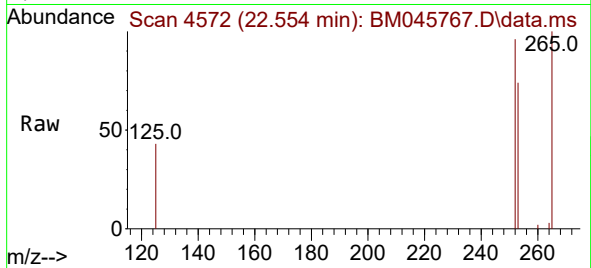




#24
Benzo(b)fluoranthene
Concen: 0.093 ng/ul
RT: 22.554 min Scan# 4570
Delta R.T. 0.003 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

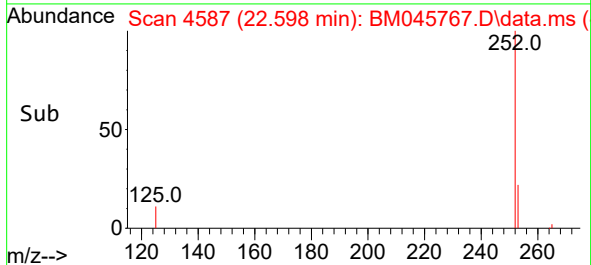
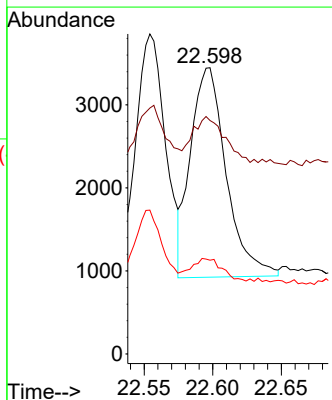
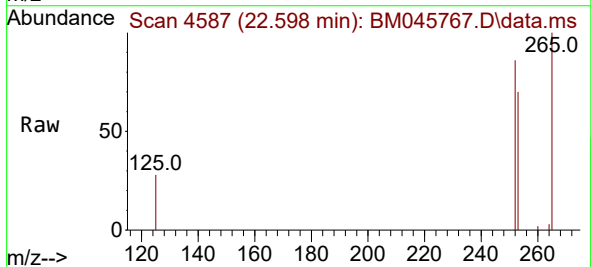
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

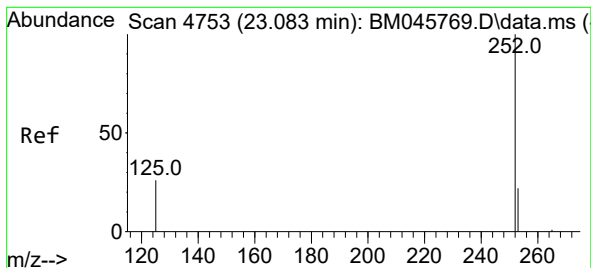
Tgt Ion:252 Resp: 4570
Ion Ratio Lower Upper
252 100
253 76.8 0.0 71.4#
125 45.0 0.0 49.2



#25
Benzo(k)fluoranthene
Concen: 0.090 ng/ul
RT: 22.598 min Scan# 4587
Delta R.T. 0.006 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

Tgt Ion:252 Resp: 4574
Ion Ratio Lower Upper
252 100
253 81.6 29.4 44.0#
125 32.8 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 0.095 ng/ul

RT: 23.086 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM045767.D

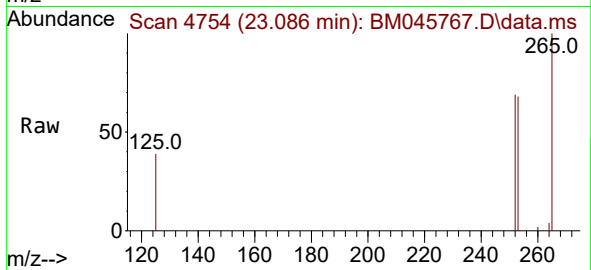
Acq: 28 May 2024 19:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001



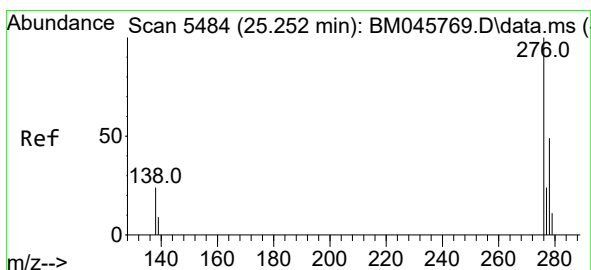
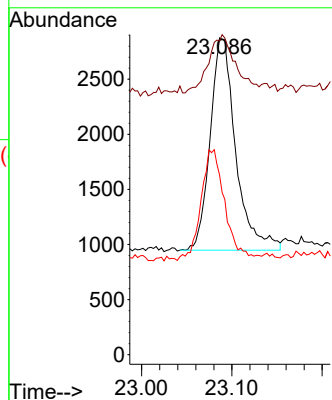
Tgt Ion:252 Resp: 3799

Ion Ratio Lower Upper

252 100

253 99.1 34.3 51.5#

125 56.7 25.7 38.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.098 ng/ul

RT: 25.259 min Scan# 5486

Delta R.T. 0.007 min

Lab File: BM045767.D

Acq: 28 May 2024 19:13

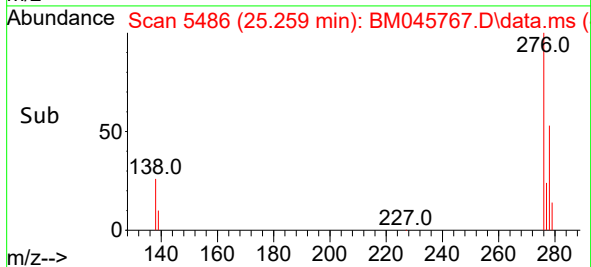
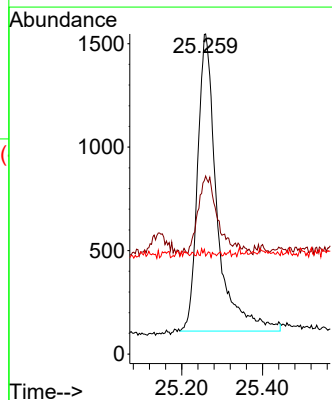
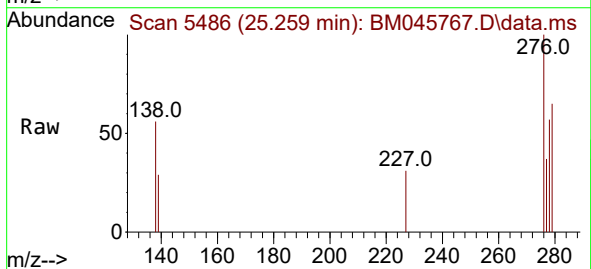
Tgt Ion:276 Resp: 4812

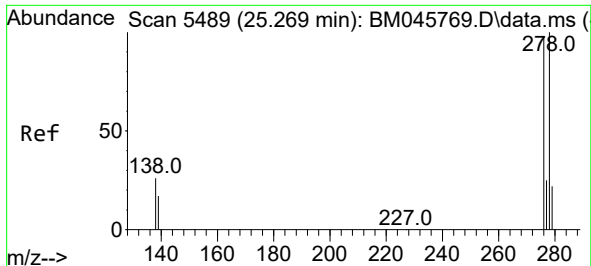
Ion Ratio Lower Upper

276 100

138 25.7 19.8 29.8

227 0.2 0.1 0.1#

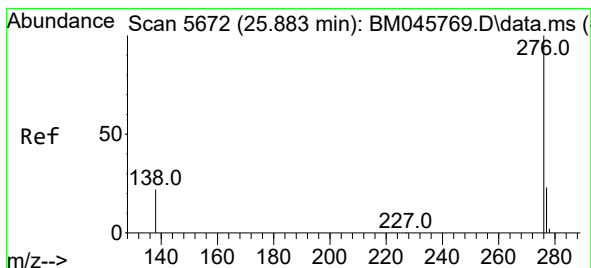
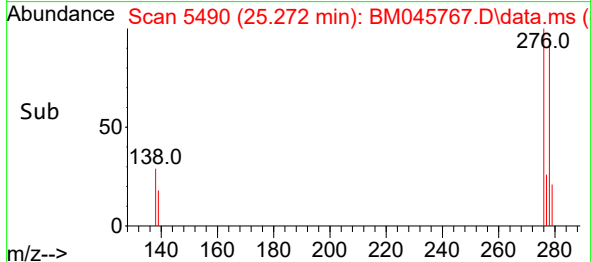
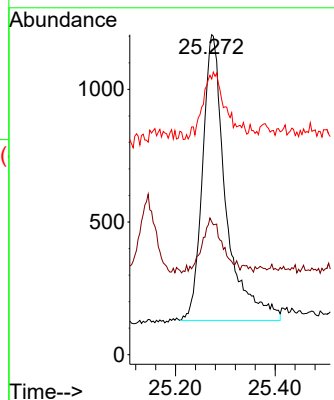
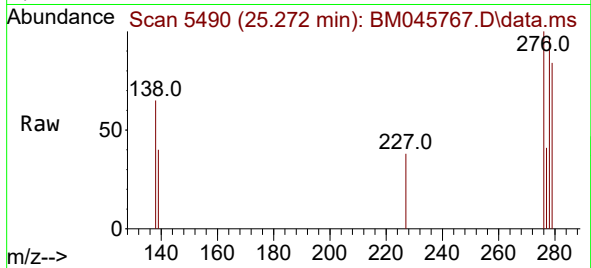




#28
Dibenzo(a,h)anthracene
Concen: 0.101 ng/ul
RT: 25.272 min Scan# 5489
Delta R.T. 0.003 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

Tgt Ion:278 Resp: 3511
Ion Ratio Lower Upper
278 100
139 41.5 18.7 28.1#
279 86.2 31.0 46.6#



#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 25.890 min Scan# 5674
Delta R.T. 0.007 min
Lab File: BM045767.D
Acq: 28 May 2024 19:13

Tgt Ion:276 Resp: 4829
Ion Ratio Lower Upper
276 100
138 52.0 23.4 35.0#
277 37.3 21.0 31.4#

