

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046206.D
 Acq On : 22 Jun 2024 20:45
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4142

Quant Time: Jun 23 01:08:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

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

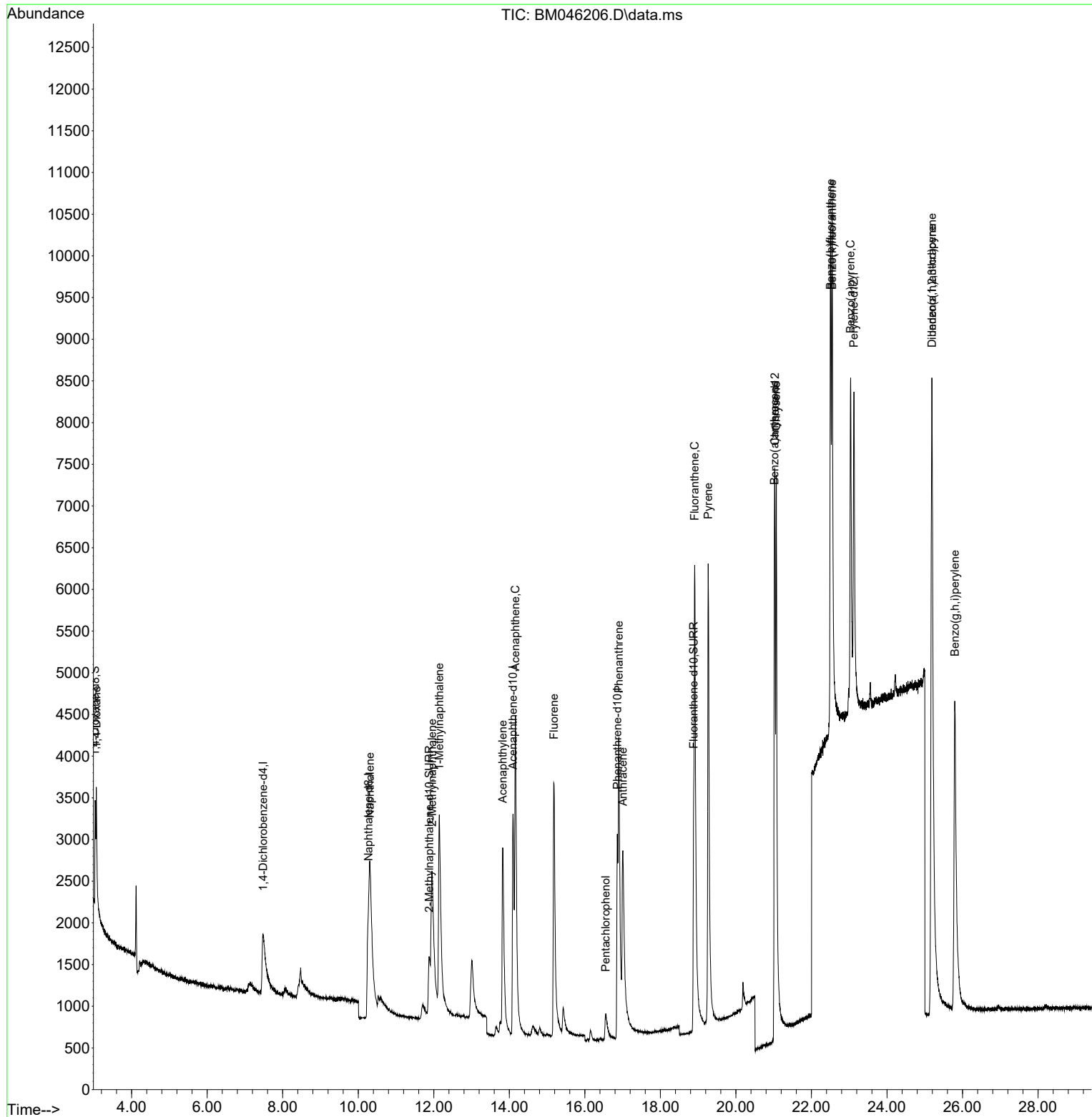
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.480	152	1574	0.400	ng/ul	0.02
4) Naphthalene-d8	10.270	136	5501	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.098	164	3300	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.861	188	6005	0.400	ng/ul	0.00
17) Chrysene-d12	21.032	240	4780	0.400	ng/ul	-0.01
23) Perylene-d12	23.124	264	6531	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	883	0.409	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.881	152	3057	0.414	ng/ul	0.02
18) Fluoranthene-d10	18.880	212	5789	0.404	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.067	88	1010	0.417	ng/ul	98
5) Naphthalene	10.308	128	5987	0.390	ng/ul#	92
7) 2-Methylnaphthalene	11.952	142	3383	0.392	ng/ul	99
8) 1-Methylnaphthalene	12.145	142	4097	0.432	ng/ul	100
10) Acenaphthylene	13.825	152	6011	0.384	ng/ul	99
11) Acenaphthene	14.163	153	4443	0.393	ng/ul	95
12) Fluorene	15.181	166	4566	0.377	ng/ul	99
14) Pentachlorophenol	16.549	266	705	0.392	ng/ul	93
15) Phenanthrene	16.899	178	6440	0.382	ng/ul	97
16) Anthracene	17.005	178	4276	0.340	ng/ul	99
19) Fluoranthene	18.908	202	8492	0.410	ng/ul#	97
20) Pyrene	19.266	202	9247	0.413	ng/ul	99
21) Benzo(a)anthracene	21.018	228	6731	0.365	ng/ul	99
22) Chrysene	21.067	228	9333	0.396	ng/ul	99
24) Benzo(b)fluoranthene	22.505	252	8904	0.378	ng/ul	98
25) Benzo(k)fluoranthene	22.546	252	10982	0.393	ng/ul	99
26) Benzo(a)pyrene	23.037	252	8219	0.377	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.189	276	13049	0.366	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.192	278	9867	0.371	ng/ul	99
29) Benzo(g,h,i)perylene	25.796	276	10966	0.358	ng/ul	99

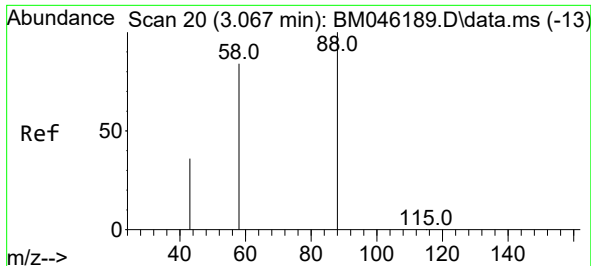
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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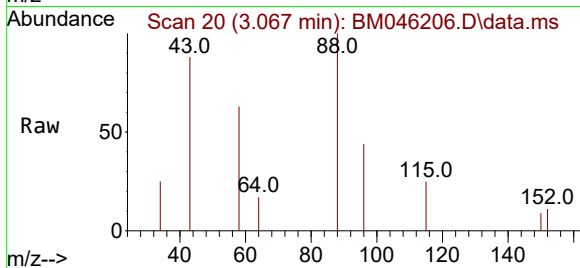
Quant Time: Jun 23 01:08:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
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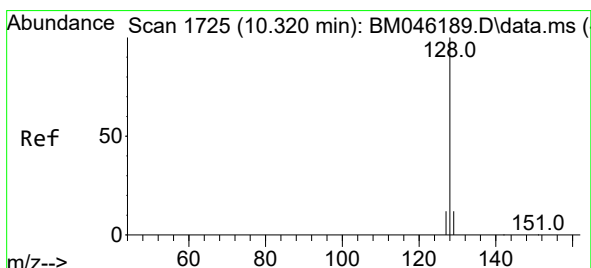
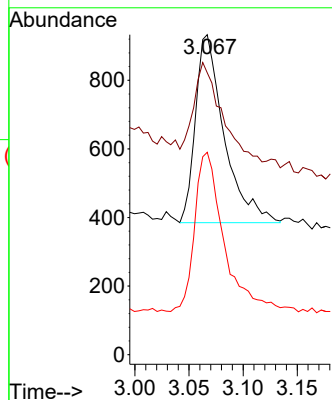
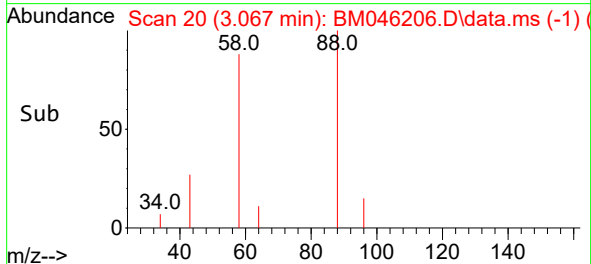
#2
1,4-Dioxane
Concen: 0.417 ng/ul
RT: 3.067 min Scan# 20
Delta R.T. -0.009 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

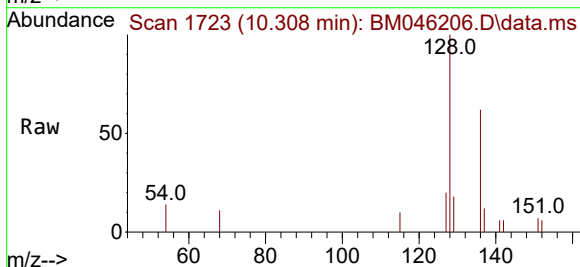


Tgt Ion: 88 Resp: 1010

Ion	Ratio	Lower	Upper
88	100		
43	88.1	69.8	104.8
58	63.2	53.2	79.8

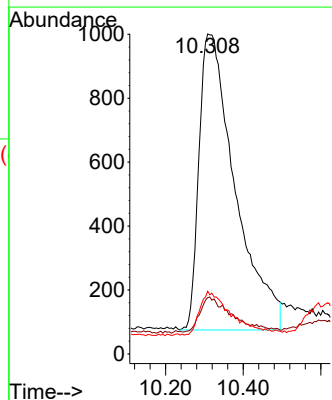
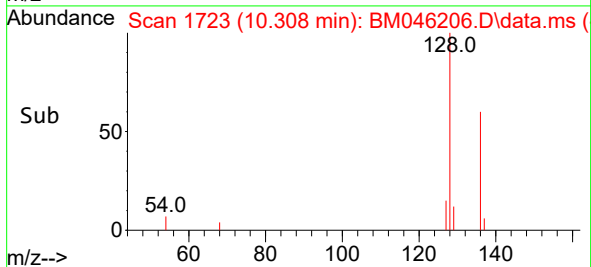


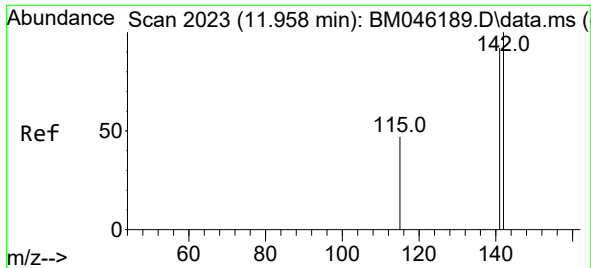
#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.308 min Scan# 1723
Delta R.T. 0.005 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45



Tgt Ion: 128 Resp: 5987

Ion	Ratio	Lower	Upper
128	100		
129	17.6	11.8	17.6
127	19.6	12.8	19.2

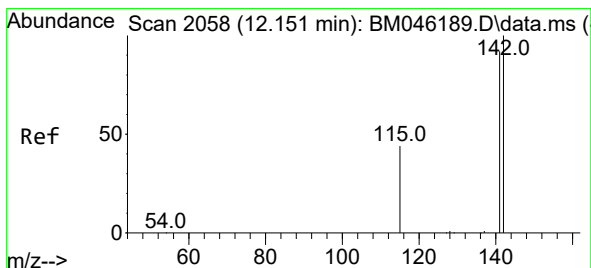
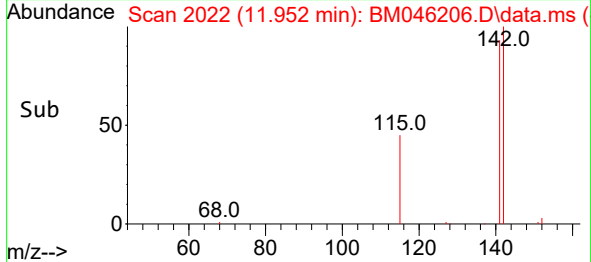
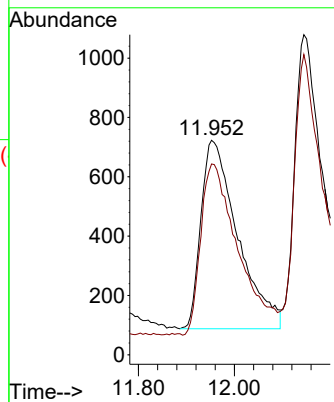
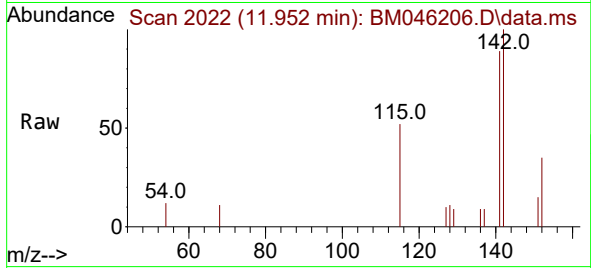




#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 11.952 min Scan# 20
Delta R.T. 0.005 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

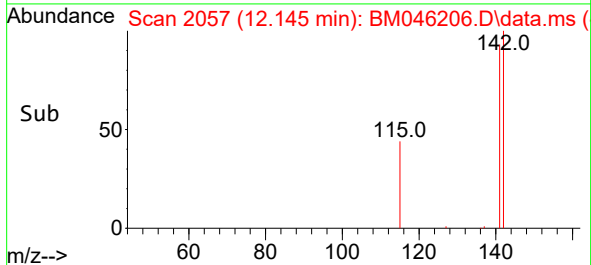
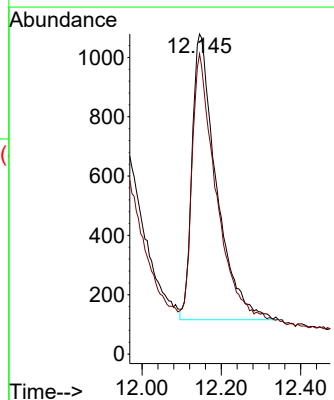
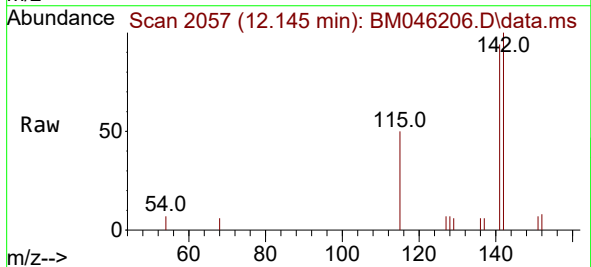
Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

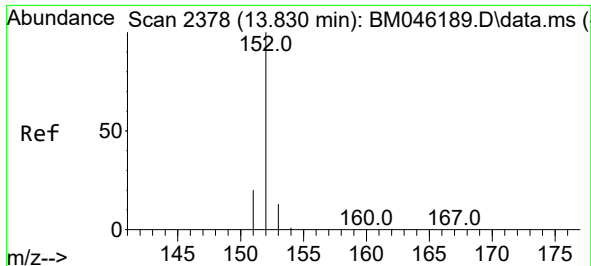
Tgt Ion:142 Resp: 3383
Ion Ratio Lower Upper
142 100
141 93.8 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.145 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

Tgt Ion:142 Resp: 4097
Ion Ratio Lower Upper
142 100
141 93.7 75.2 112.8

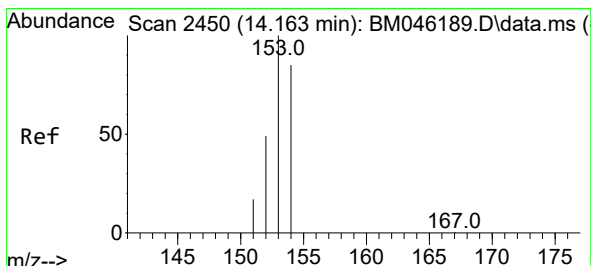
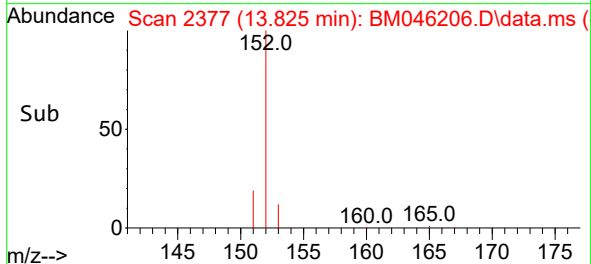
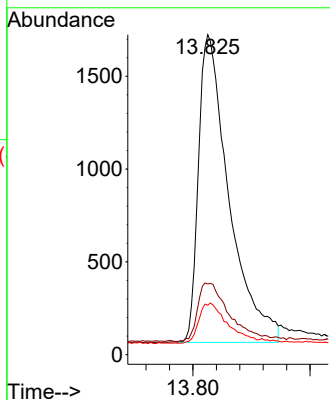
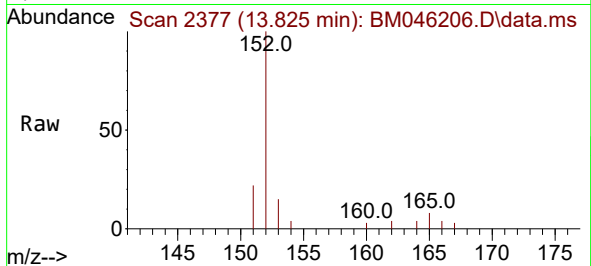




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 13.825 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

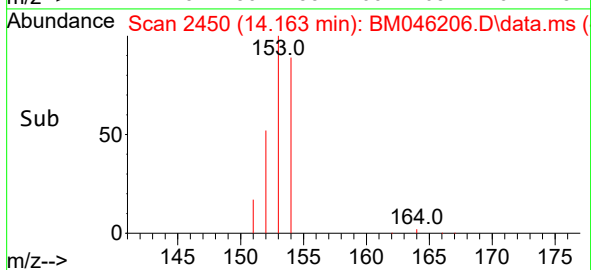
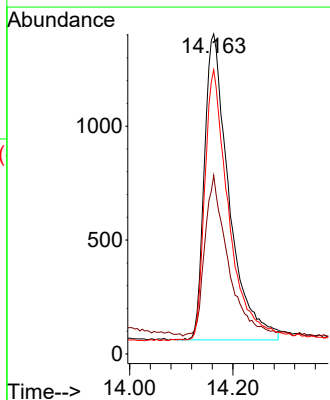
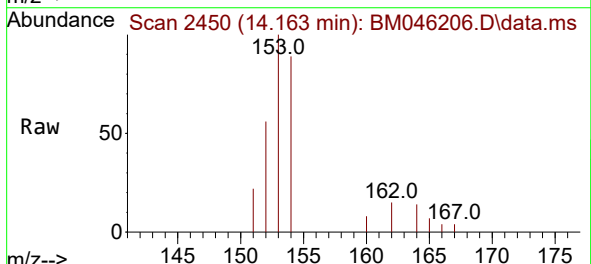
Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

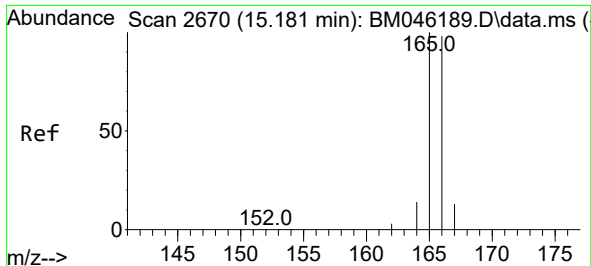
Tgt Ion:	152	Resp:	6011
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.4	26.2
153	15.4	11.8	17.8



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.163 min Scan# 2450
Delta R.T. -0.009 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

Tgt Ion:	153	Resp:	4443
Ion Ratio	Lower	Upper	
153	100		
152	55.8	41.3	61.9
154	88.8	68.2	102.4

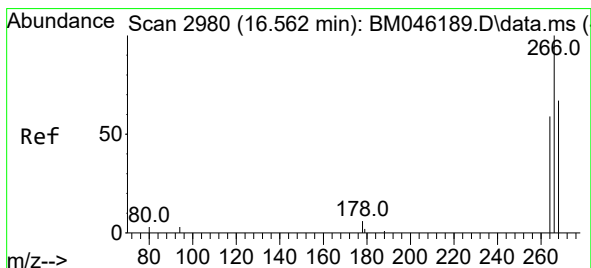
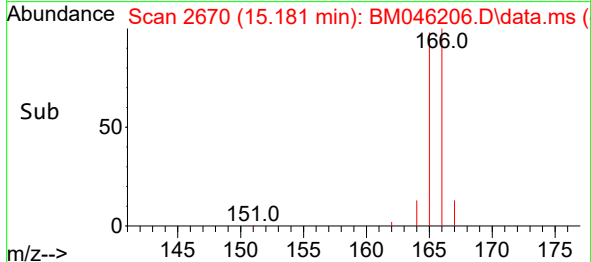
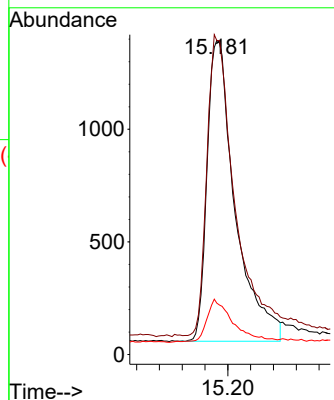
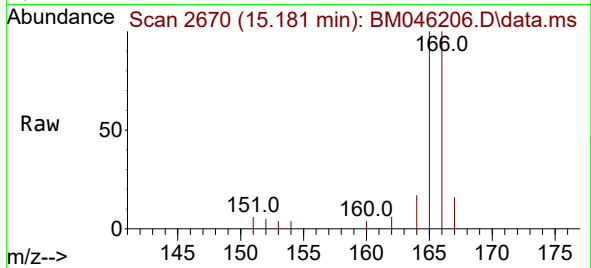




#12
Fluorene
Concen: 0.377 ng/ul
RT: 15.181 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

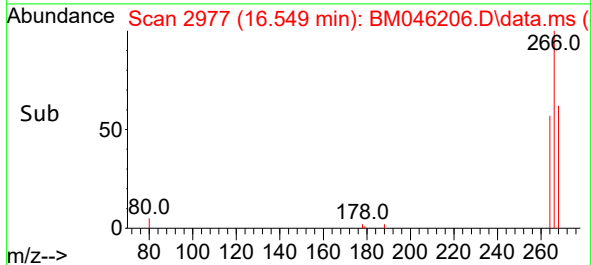
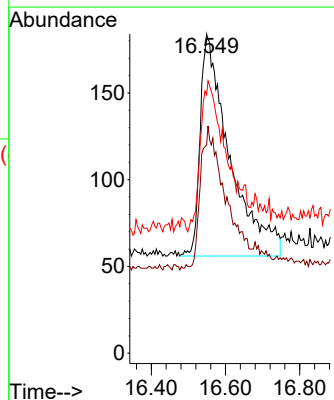
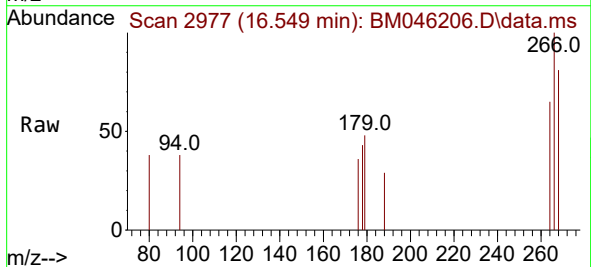
Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

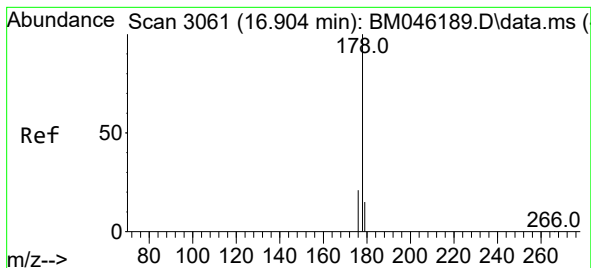
Tgt Ion:166 Resp: 4566
Ion Ratio Lower Upper
166 100
165 99.9 80.4 120.6
167 16.3 12.4 18.6



#14
Pentachlorophenol
Concen: 0.392 ng/ul
RT: 16.549 min Scan# 2977
Delta R.T. -0.017 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

Tgt Ion:266 Resp: 705
Ion Ratio Lower Upper
266 100
264 57.3 50.9 76.3
268 60.7 52.3 78.5





#15

Phenanthrene

Concen: 0.382 ng/ul

RT: 16.899 min Scan# 3060

Delta R.T. -0.004 min

Lab File: BM046206.D

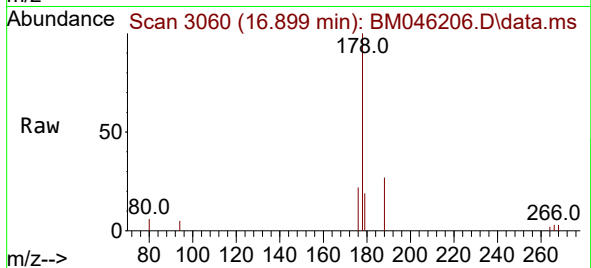
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Instrument :

BNA_M

ClientSampleId :

SSTD0.4142



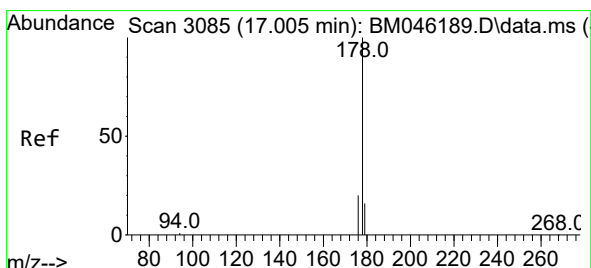
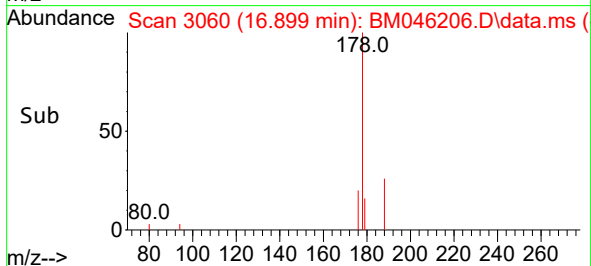
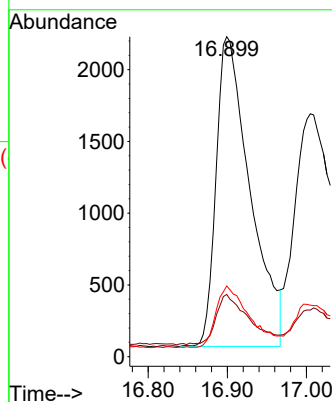
Tgt Ion:178 Resp: 6440

Ion Ratio Lower Upper

178 100

179 19.5 14.2 21.2

176 22.1 17.1 25.7



#16

Anthracene

Concen: 0.340 ng/ul

RT: 17.005 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM046206.D

Acq: 22 Jun 2024 20:45

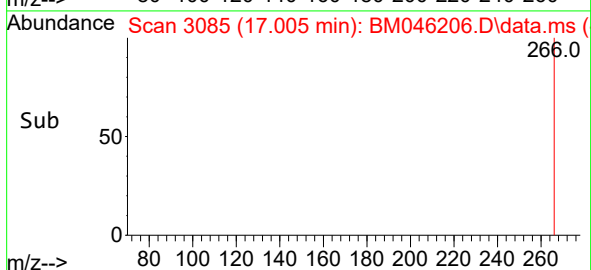
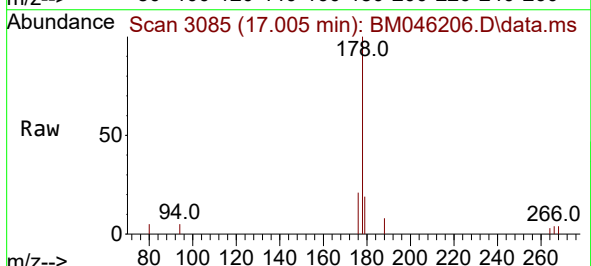
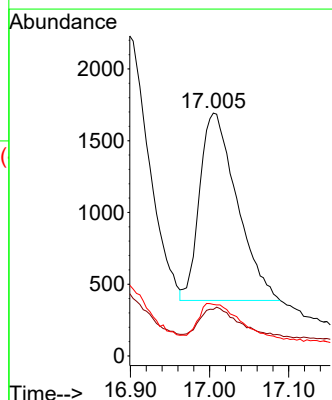
Tgt Ion:178 Resp: 4276

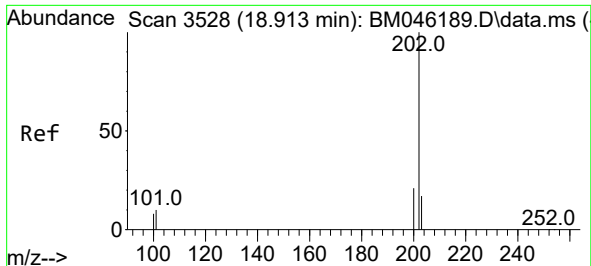
Ion Ratio Lower Upper

178 100

179 19.1 14.9 22.3

176 21.2 17.0 25.4

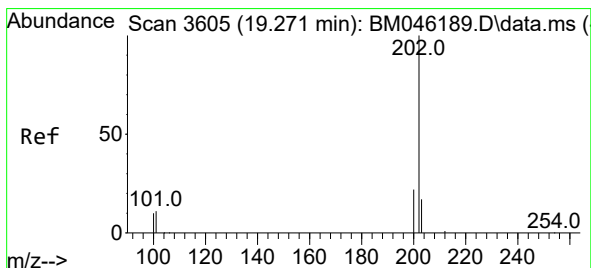
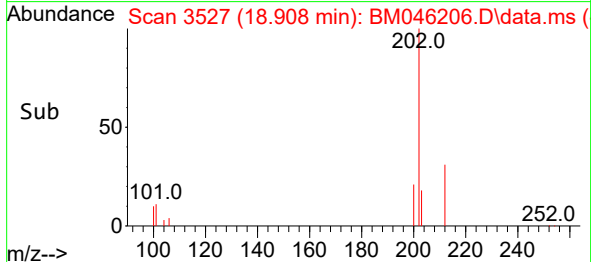
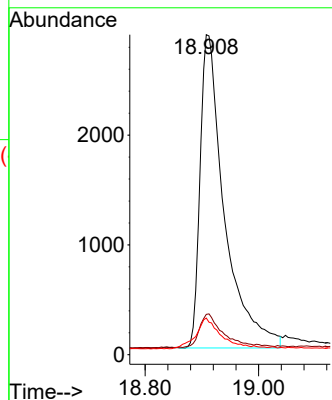
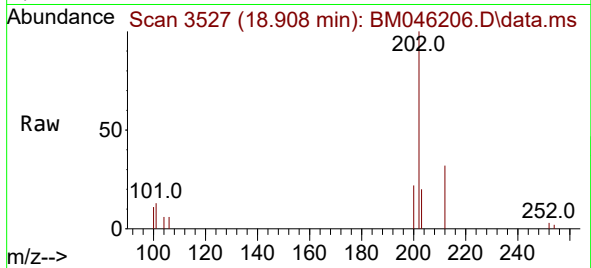




#19
Fluoranthene
Concen: 0.410 ng/ul
RT: 18.908 min Scan# 3527
Delta R.T. -0.009 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

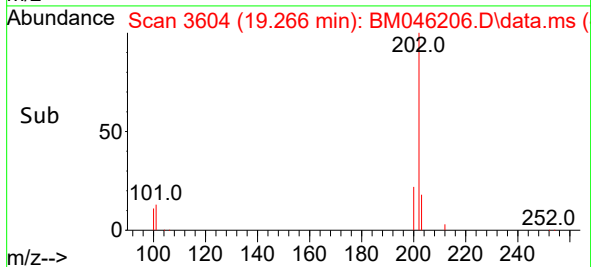
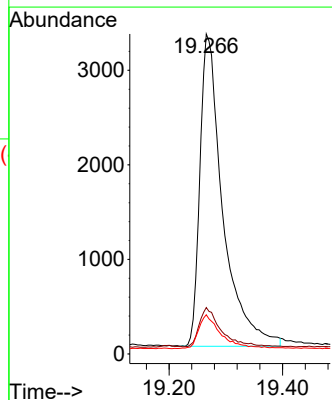
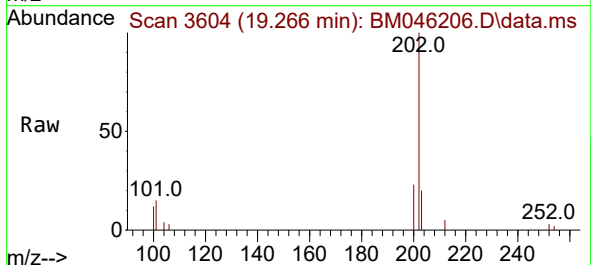
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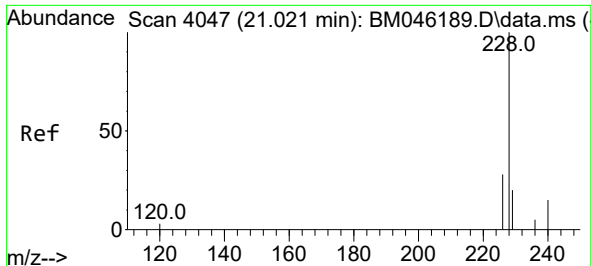
Tgt Ion:202 Resp: 8492
Ion Ratio Lower Upper
202 100
101 12.6 9.6 14.4
100 11.5 7.6 11.4#



#20
Pyrene
Concen: 0.413 ng/ul
RT: 19.266 min Scan# 3604
Delta R.T. -0.009 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

Tgt Ion:202 Resp: 9247
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 12.3 9.8 14.6

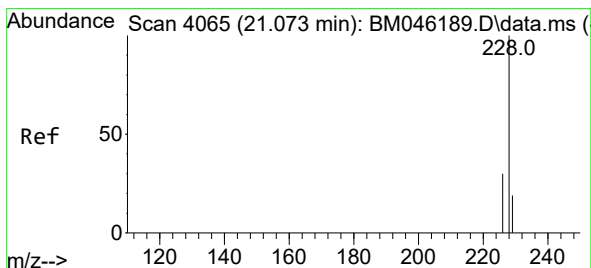
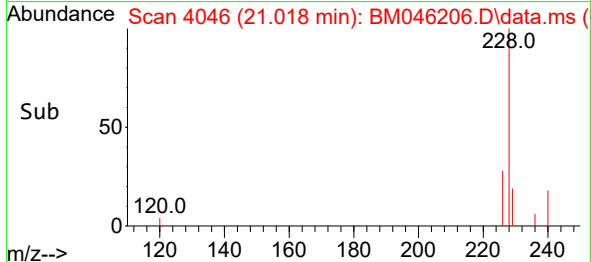
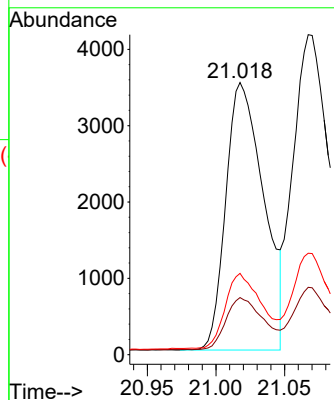
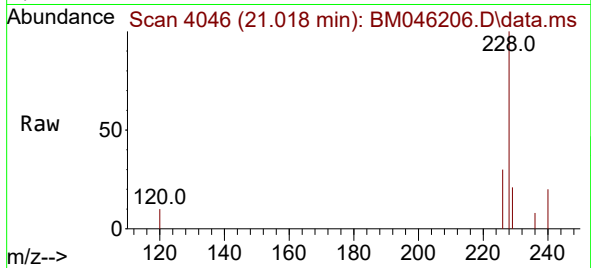




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.018 min Scan# 4047
Delta R.T. -0.012 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

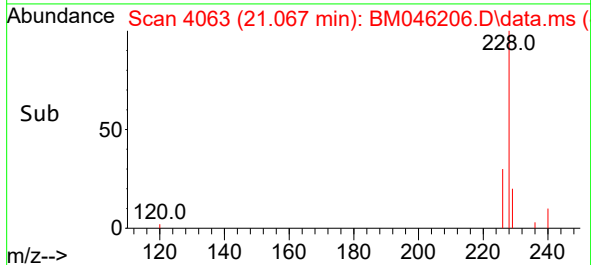
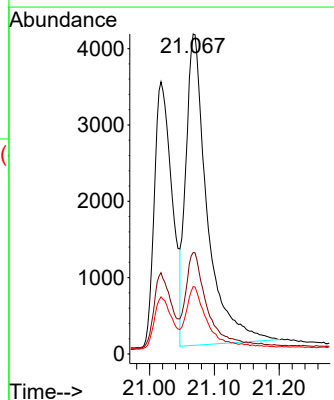
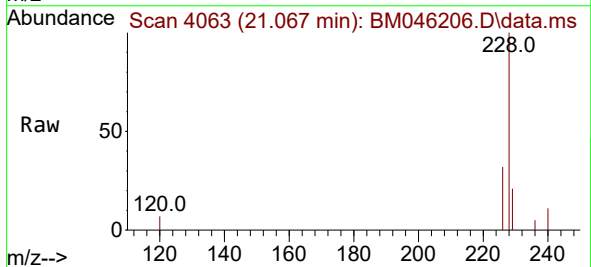
Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

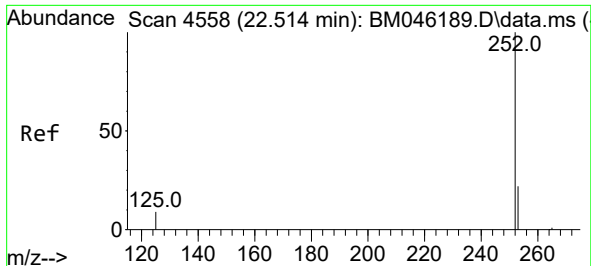
Tgt Ion:228 Resp: 6731
Ion Ratio Lower Upper
228 100
229 21.0 16.4 24.6
226 29.9 23.4 35.2



#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. -0.009 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

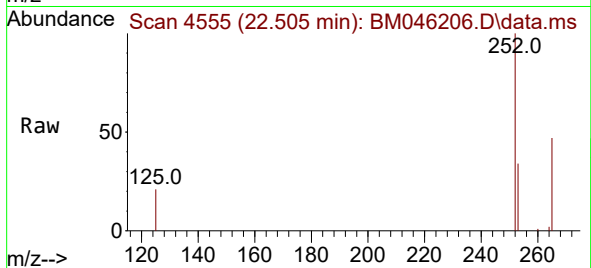
Tgt Ion:228 Resp: 9333
Ion Ratio Lower Upper
228 100
226 31.7 25.2 37.8
229 21.1 16.3 24.5



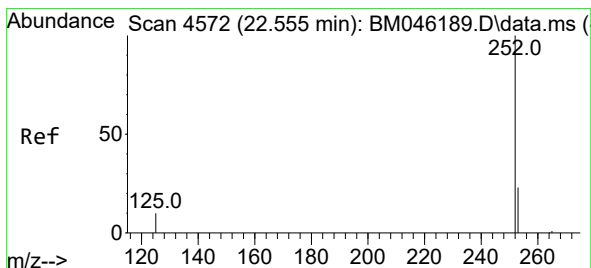
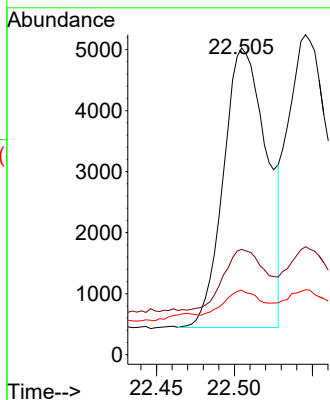


#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 22.505 min Scan# 4555
Delta R.T. -0.015 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

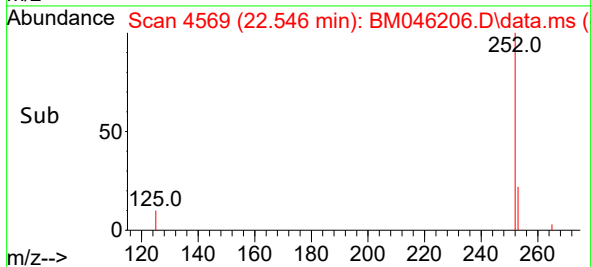
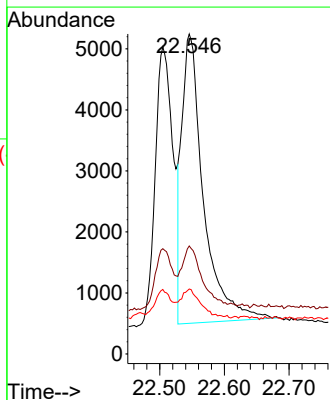
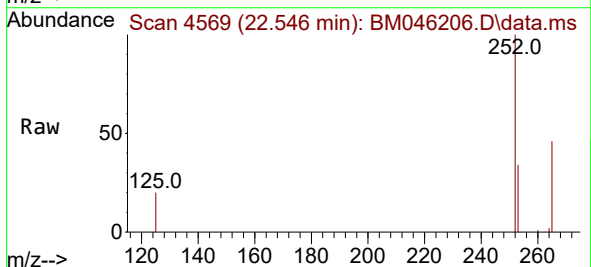


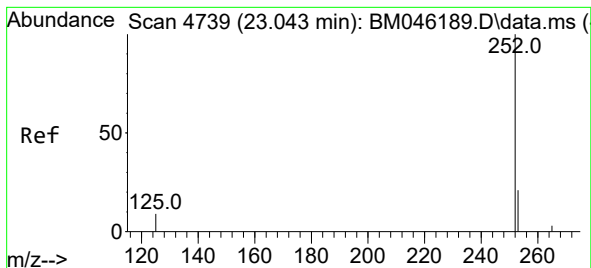
Tgt Ion:252 Resp: 8904
Ion Ratio Lower Upper
252 100
253 34.3 0.0 65.8
125 21.0 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 22.546 min Scan# 4569
Delta R.T. -0.018 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

Tgt Ion:252 Resp: 10982
Ion Ratio Lower Upper
252 100
253 33.7 27.2 40.8
125 20.3 16.6 25.0

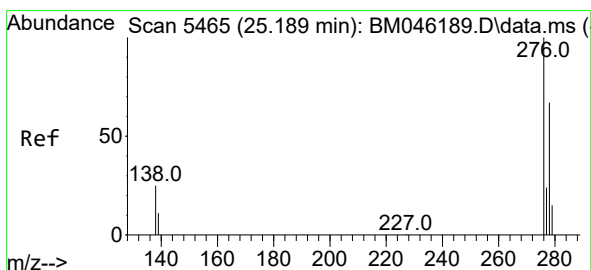
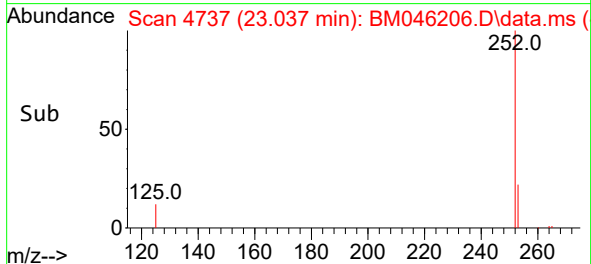
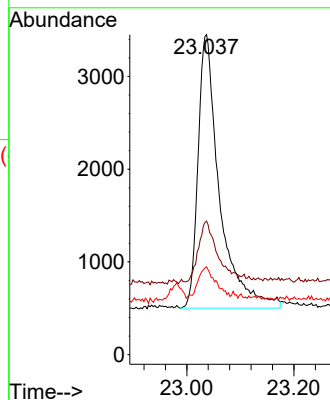
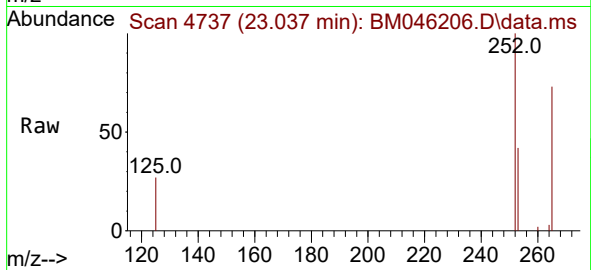




#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.037 min Scan# 4737
Delta R.T. -0.018 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

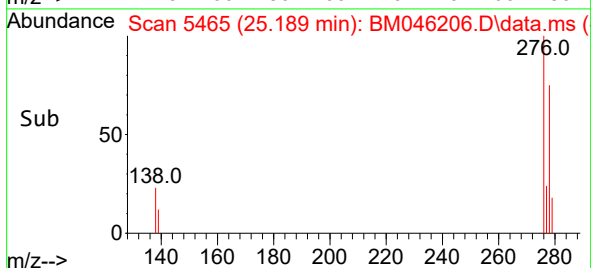
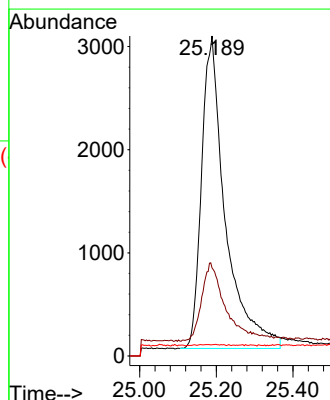
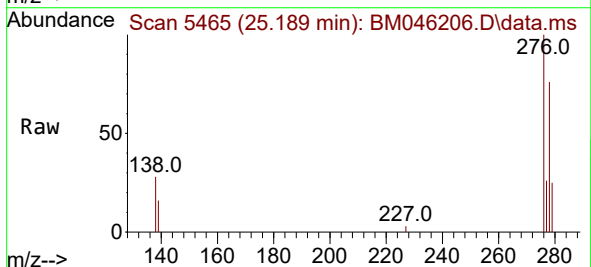
Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

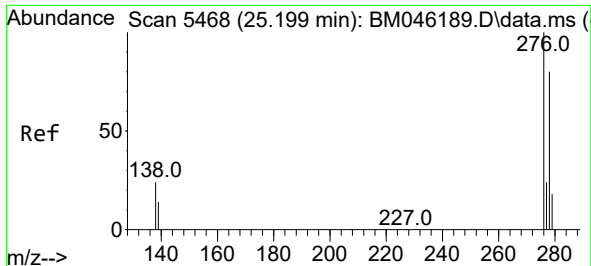
Tgt Ion:252 Resp: 8219
Ion Ratio Lower Upper
252 100
253 41.7 32.1 48.1
125 27.4 21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 25.189 min Scan# 5465
Delta R.T. -0.014 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

Tgt Ion:276 Resp: 13049
Ion Ratio Lower Upper
276 100
138 25.6 21.0 31.4
227 0.0 0.0 0.0#

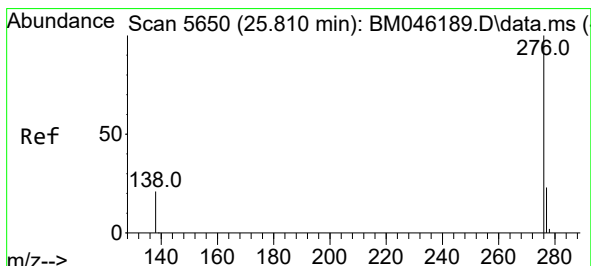
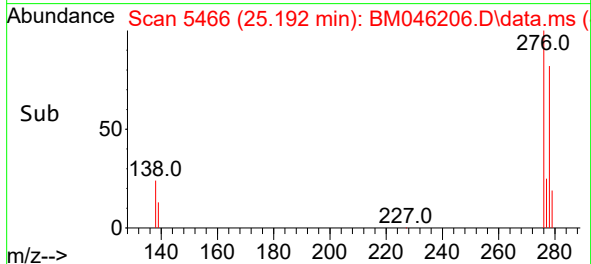
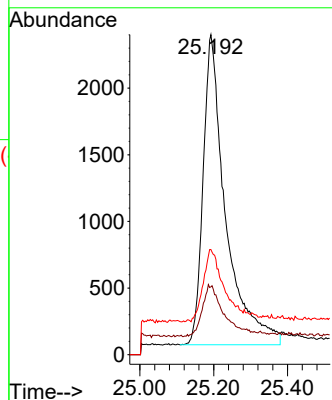
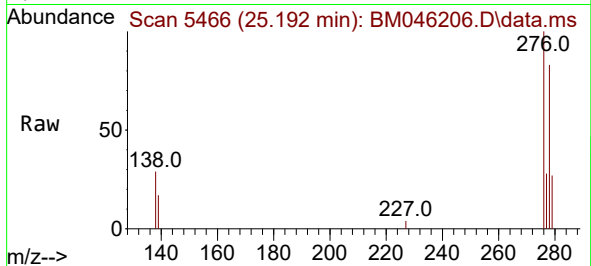




#28
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 25.192 min Scan# 5466
Delta R.T. -0.024 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.4142

Tgt Ion:	278	Resp:	9867
Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.6	26.4
279	32.9	26.3	39.5



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 25.796 min Scan# 5646
Delta R.T. -0.034 min
Lab File: BM046206.D
Acq: 22 Jun 2024 20:45

Tgt Ion:	276	Resp:	10966
Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.7	32.5
277	25.9	20.4	30.6

