

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043165.D
 Acq On : 02 Dec 2023 18:51
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4148

Quant Time: Dec 02 23:18:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 23:09:32 2023
 Response via : Initial Calibration

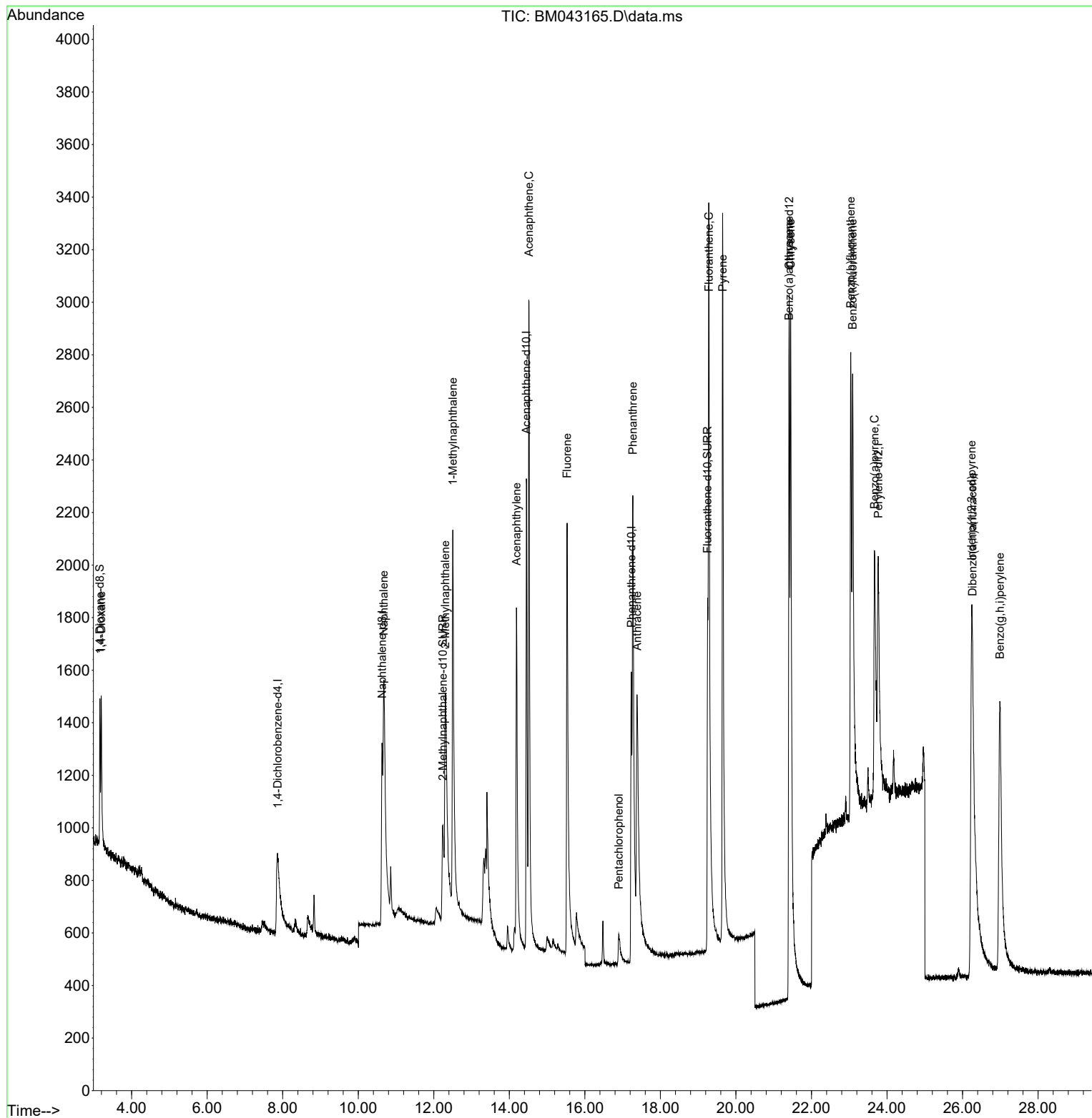
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	693	0.400	ng/ul	0.03
4) Naphthalene-d8	10.629	136	2399	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.451	164	1346	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	2776	0.400	ng/ul	0.01
17) Chrysene-d12	21.412	240	1825	0.400	ng/ul	0.00
23) Perylene-d12	23.770	264	1929	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	455	0.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	1259	0.392	ng/ul	0.02
18) Fluoranthene-d10	19.249	212	2708	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	544	0.476	ng/ul	97
5) Naphthalene	10.678	128	2604	0.399	ng/ul	96
7) 2-Methylnaphthalene	12.306	142	1477	0.384	ng/ul	99
8) 1-Methylnaphthalene	12.504	142	1589	0.371	ng/ul	95
10) Acenaphthylene	14.192	152	2600	0.378	ng/ul	99
11) Acenaphthene	14.521	153	1989	0.382	ng/ul	97
12) Fluorene	15.529	166	2079	0.389	ng/ul	97
14) Pentachlorophenol	16.896	266	224	0.298	ng/ul	96
15) Phenanthrene	17.272	178	3105	0.392	ng/ul	100
16) Anthracene	17.382	178	3118	0.415	ng/ul	97
19) Fluoranthene	19.281	202	4146	0.401	ng/ul	98
20) Pyrene	19.648	202	4342	0.395	ng/ul	97
21) Benzo(a)anthracene	21.403	228	2384	0.403	ng/ul	98
22) Chrysene	21.450	228	4264	0.387	ng/ul	98
24) Benzo(b)fluoranthene	23.039	252	3000	0.461	ng/ul	95
25) Benzo(k)fluoranthene	23.089	252	4020	0.448	ng/ul	99
26) Benzo(a)pyrene	23.671	252	2874	0.405	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.242	276	3861	0.402	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.265	278	2852	0.383	ng/ul	96
29) Benzo(g,h,i)perylene	26.990	276	3892	0.416	ng/ul	99

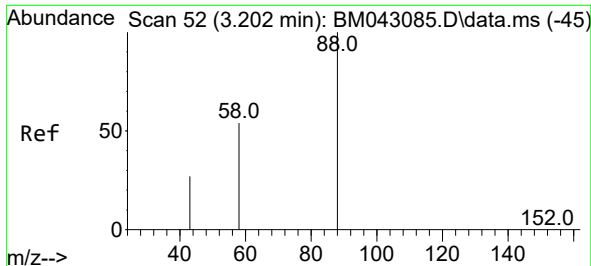
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043165.D
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Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
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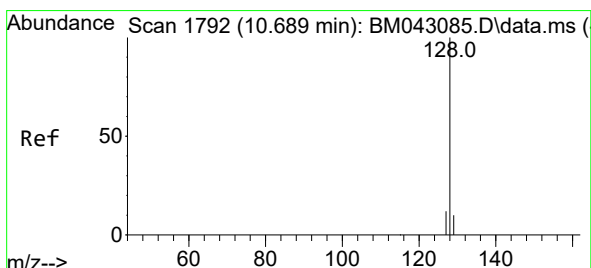
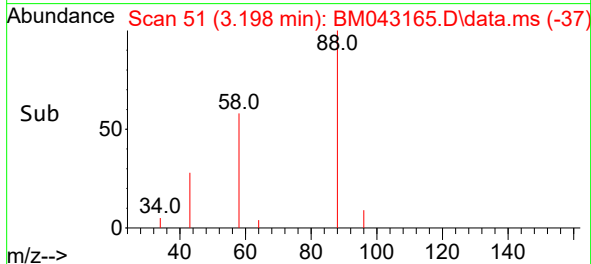
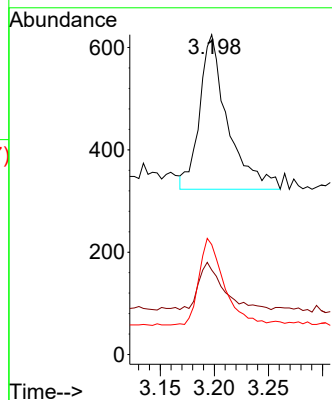
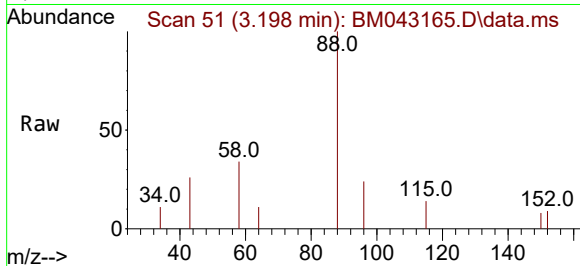




#2
1,4-Dioxane
Concen: 0.476 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

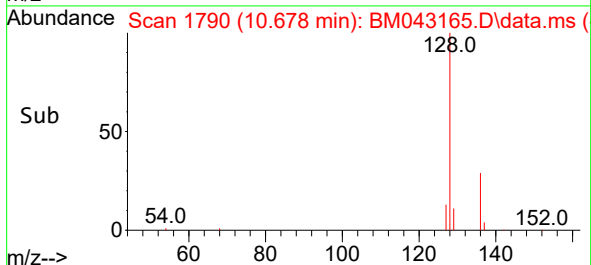
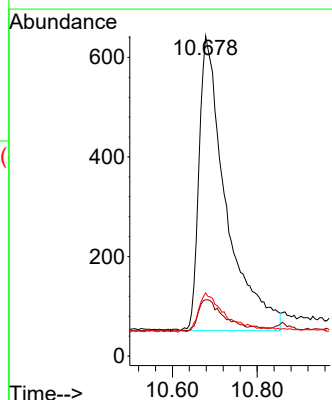
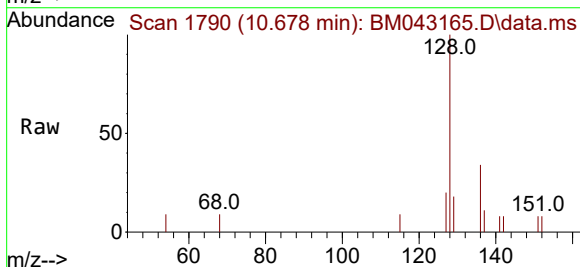
Instrument :
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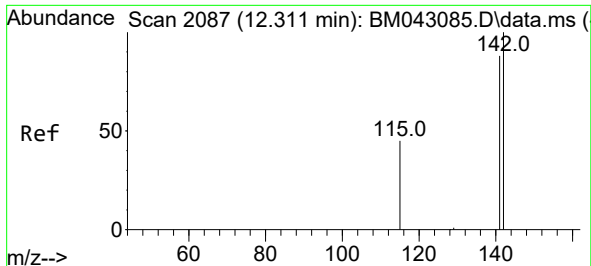
Tgt Ion: 88 Resp: 544
Ion Ratio Lower Upper
88 100
43 26.4 22.8 34.2
58 34.4 26.8 40.2



#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.678 min Scan# 1790
Delta R.T. 0.011 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

Tgt Ion: 128 Resp: 2604
Ion Ratio Lower Upper
128 100
129 17.6 16.0 24.0
127 19.8 16.5 24.7

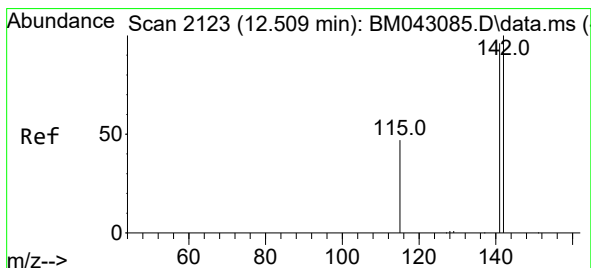
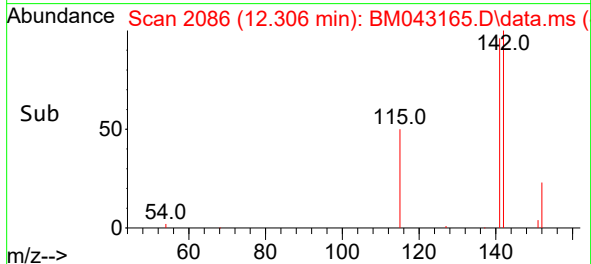
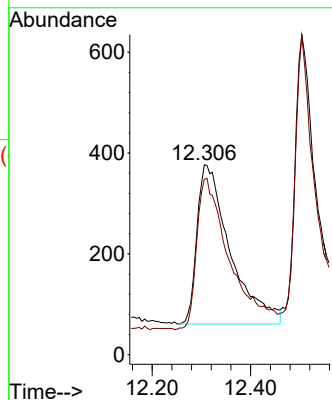
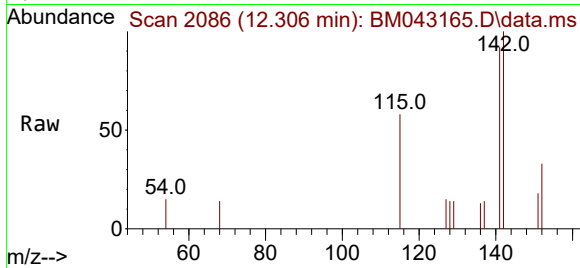




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.306 min Scan# 2086
Delta R.T. 0.011 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

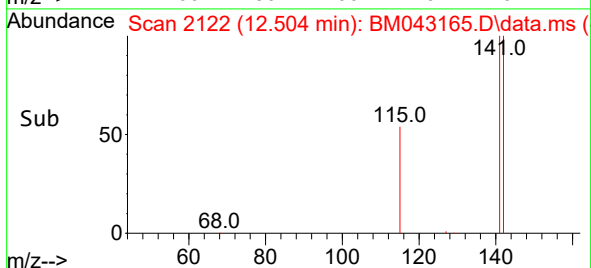
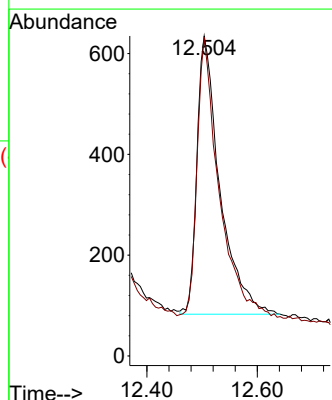
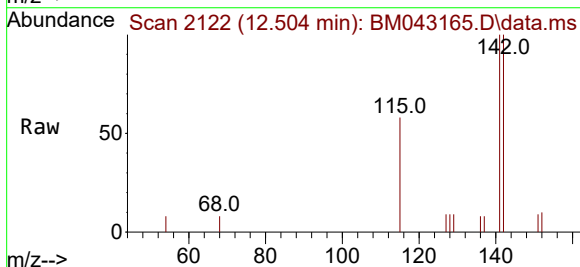
Instrument :
BNA_M
ClientSampleId :
SSTD0.4148

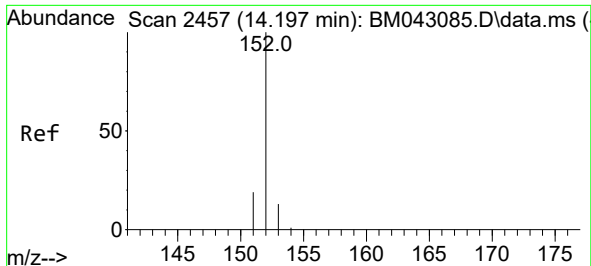
Tgt Ion:142 Resp: 1477
Ion Ratio Lower Upper
142 100
141 96.2 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.504 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

Tgt Ion:142 Resp: 1589
Ion Ratio Lower Upper
142 100
141 96.7 73.8 110.8

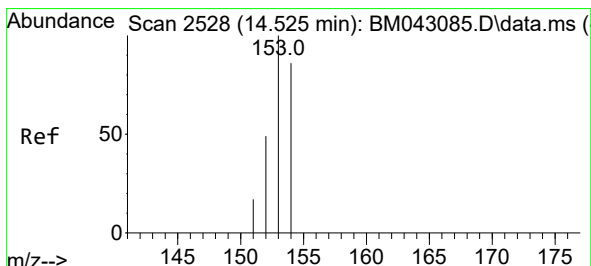
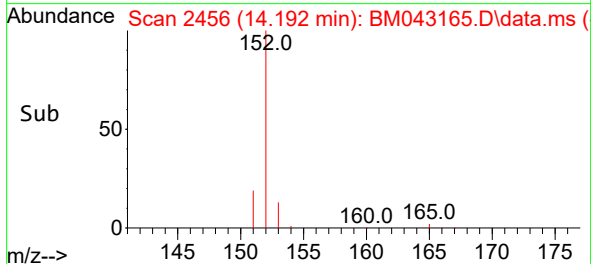
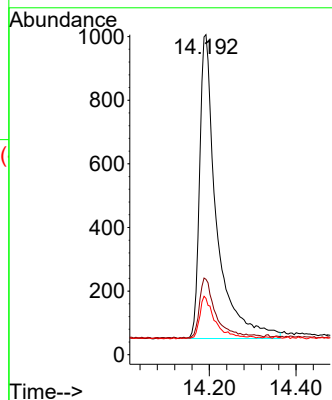
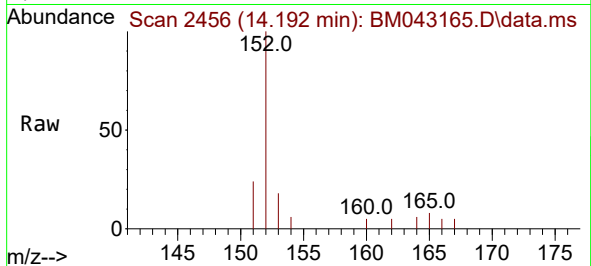




#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. 0.009 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

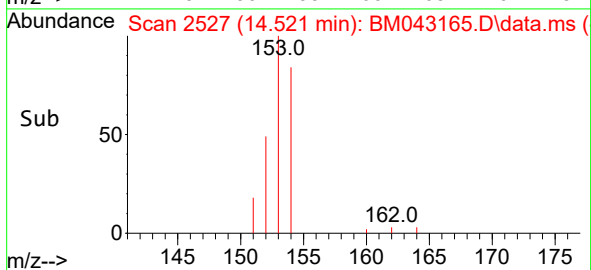
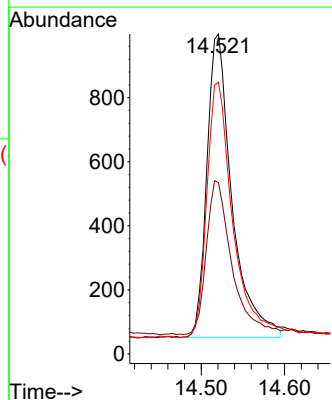
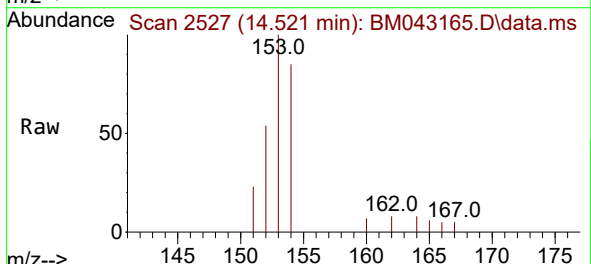
Instrument :
BNA_M
ClientSampleId :
SSTD0.4148

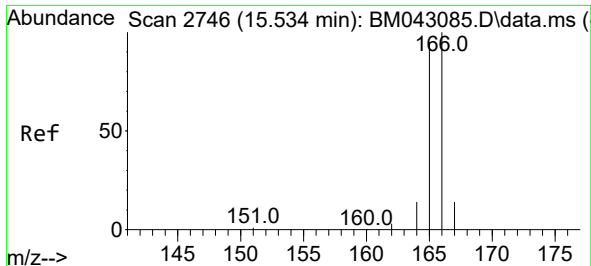
Tgt Ion:152	Resp:	2600
Ion Ratio	Lower	Upper
152	100	
151	23.6	19.4 29.0
153	17.6	14.6 21.8



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.005 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

Tgt Ion:153	Resp:	1989
Ion Ratio	Lower	Upper
153	100	
152	53.6	43.9 65.9
154	84.9	70.6 105.8

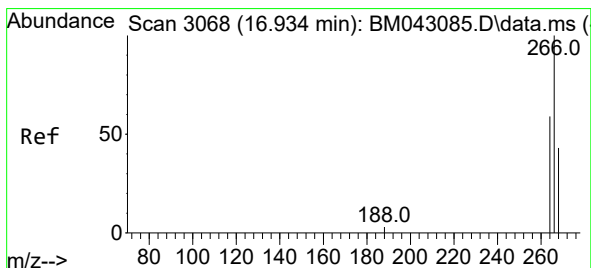
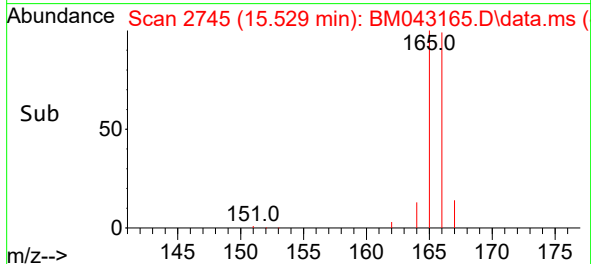
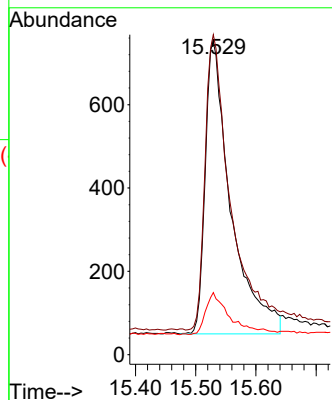
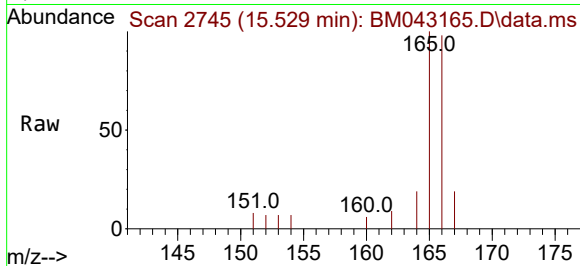




#12
Fluorene
Concen: 0.389 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

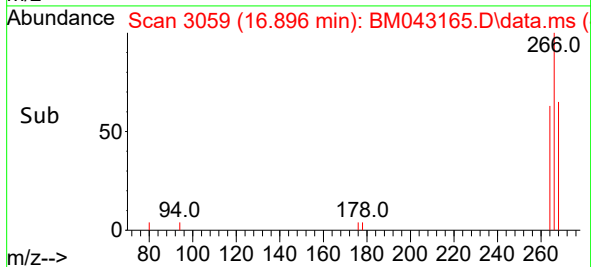
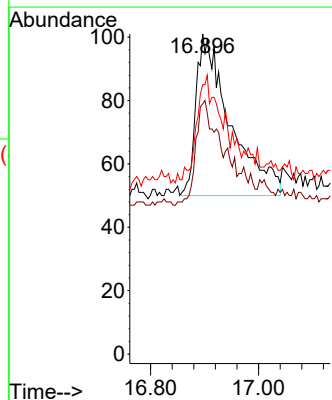
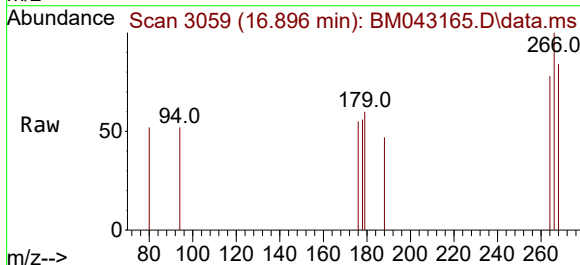
Instrument :
BNA_M
ClientSampleId :
SSTD0.4148

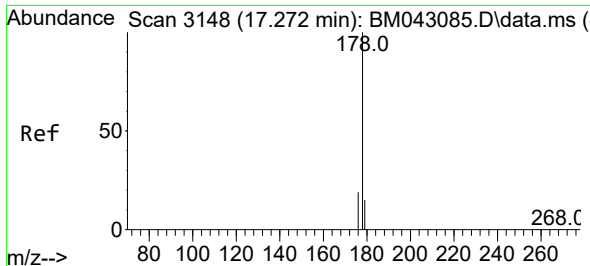
Tgt Ion:	166	Resp:	2079
Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.9	119.9
167	19.8	14.2	21.4



#14
Pentachlorophenol
Concen: 0.298 ng/ul
RT: 16.896 min Scan# 3059
Delta R.T. 0.017 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

Tgt Ion:	266	Resp:	224
Ion	Ratio	Lower	Upper
266	100		
264	57.1	48.8	73.2
268	62.5	51.8	77.6

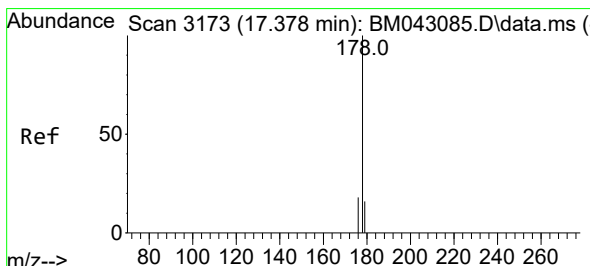
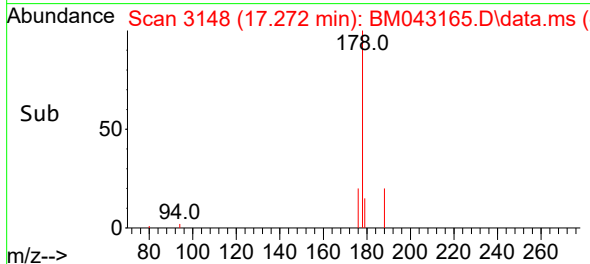
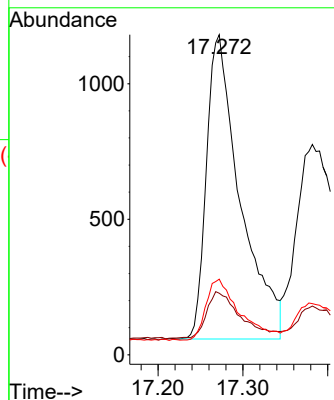
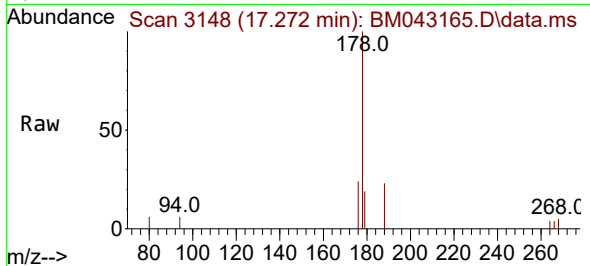




#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.272 min Scan# 3148
Delta R.T. 0.013 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

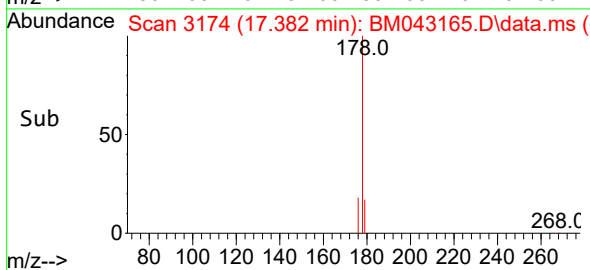
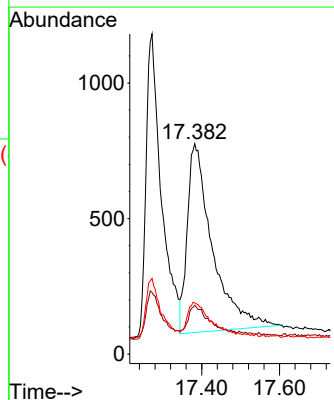
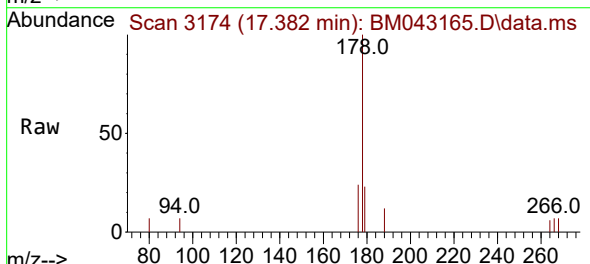
Instrument :
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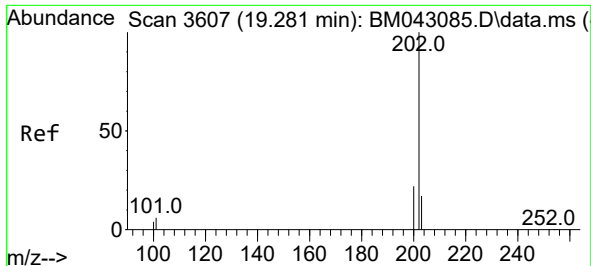
Tgt Ion:	178	Resp:	3105
Ion	Ratio	Lower	Upper
178	100		
179	19.2	15.7	23.5
176	23.6	18.9	28.3



#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.382 min Scan# 3174
Delta R.T. 0.021 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

Tgt Ion:	178	Resp:	3118
Ion	Ratio	Lower	Upper
178	100		
179	23.2	17.3	25.9
176	24.4	20.5	30.7

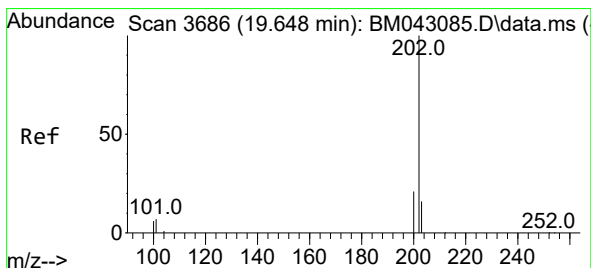
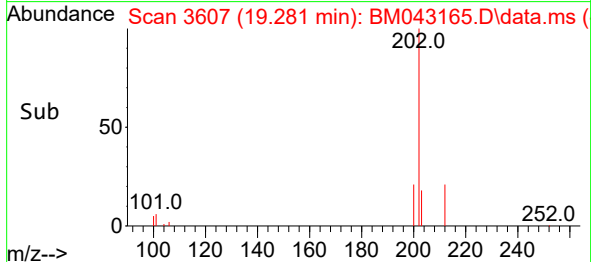
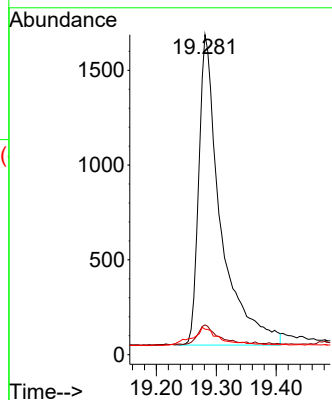
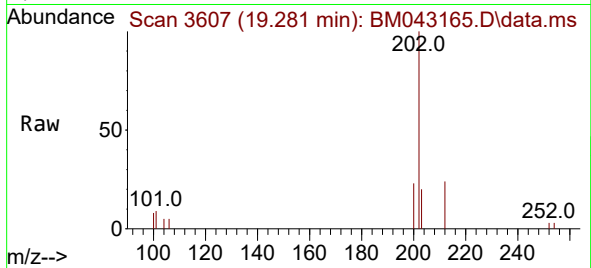




#19
Fluoranthene
Concen: 0.401 ng/ul
RT: 19.281 min Scan# 3607
Delta R.T. 0.009 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

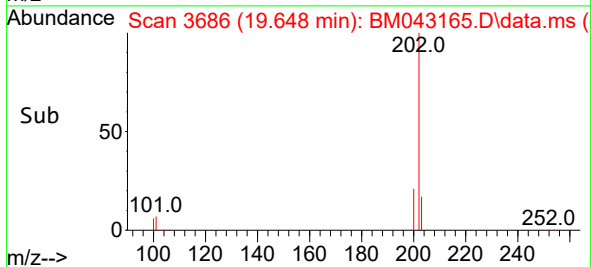
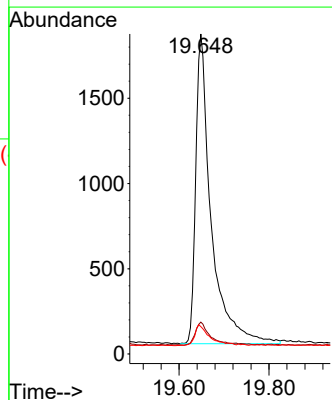
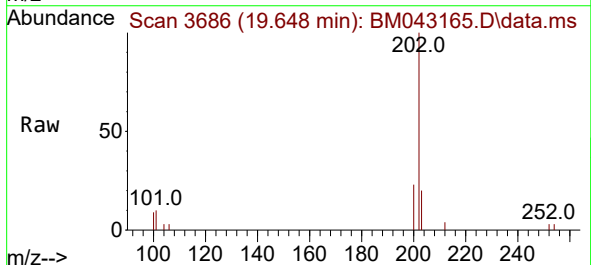
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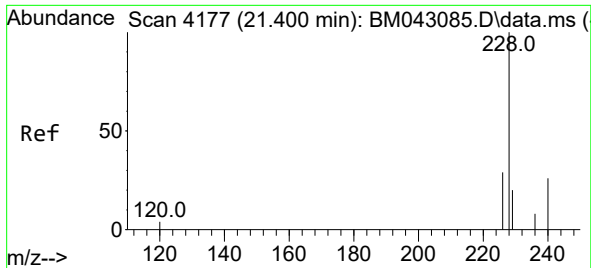
Tgt Ion:202 Resp: 4146
Ion Ratio Lower Upper
202 100
101 9.3 7.8 11.8
100 7.9 7.1 10.7



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.648 min Scan# 3686
Delta R.T. 0.009 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

Tgt Ion:202 Resp: 4342
Ion Ratio Lower Upper
202 100
101 10.0 8.7 13.1
100 8.6 7.8 11.8

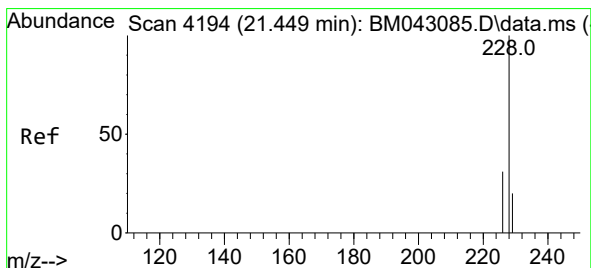
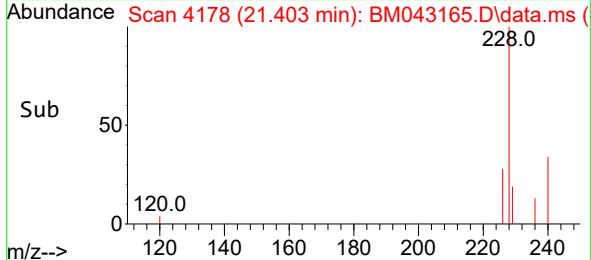
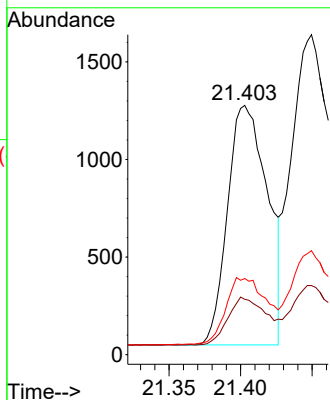
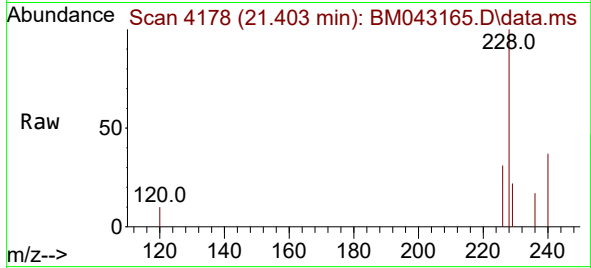




#21
Benzo(a)anthracene
Concen: 0.403 ng/ul
RT: 21.403 min Scan# 4177
Delta R.T. 0.015 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

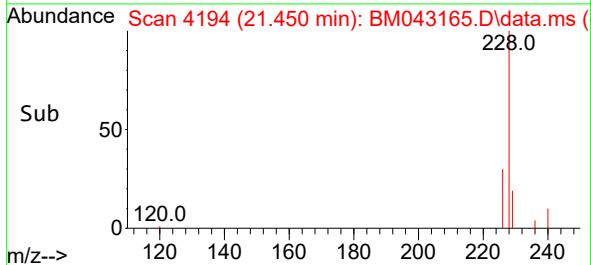
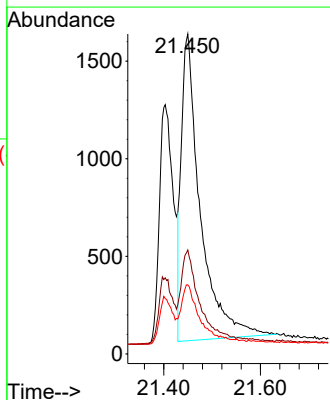
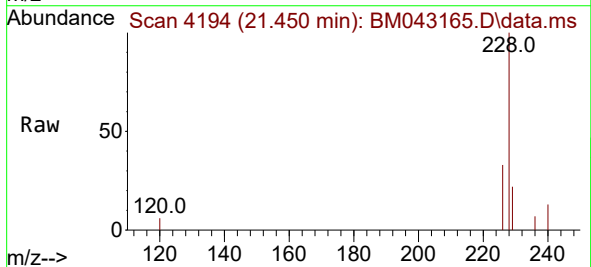
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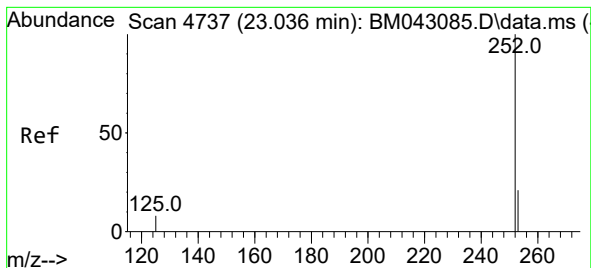
Tgt Ion:228 Resp: 2384
Ion Ratio Lower Upper
228 100
229 22.2 19.4 29.0
226 30.5 24.9 37.3



#22
Chrysene
Concen: 0.387 ng/ul
RT: 21.450 min Scan# 4194
Delta R.T. 0.012 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

Tgt Ion:228 Resp: 4264
Ion Ratio Lower Upper
228 100
226 32.5 27.2 40.8
229 21.6 18.0 27.0





#24

Benzo(b)fluoranthene

Concen: 0.461 ng/ul

RT: 23.039 min Scan# 4737

Delta R.T. 0.012 min

Lab File: BM043165.D

Acq: 02 Dec 2023 18:51

Instrument :

BNA_M

ClientSampleId :

SSTD0.4148

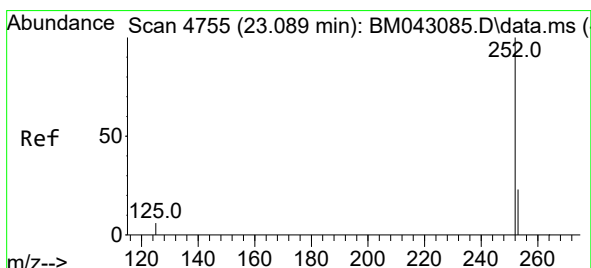
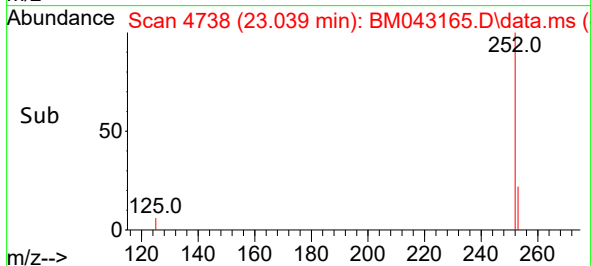
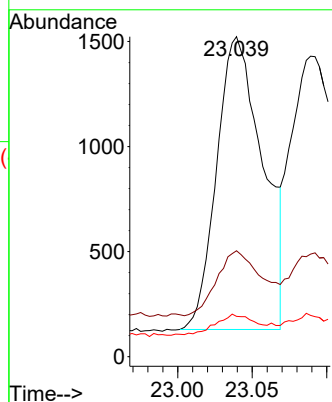
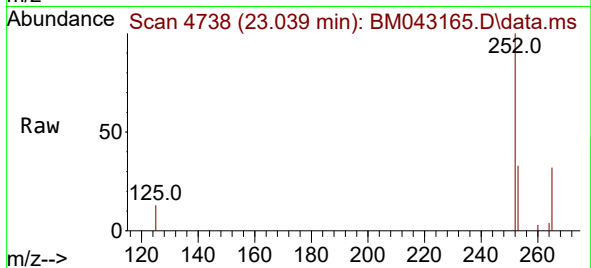
Tgt Ion:252 Resp: 3000

Ion Ratio Lower Upper

252 100

253 33.1 0.0 71.8

125 12.6 0.0 29.0



#25

Benzo(k)fluoranthene

Concen: 0.448 ng/ul

RT: 23.089 min Scan# 4755

Delta R.T. 0.012 min

Lab File: BM043165.D

Acq: 02 Dec 2023 18:51

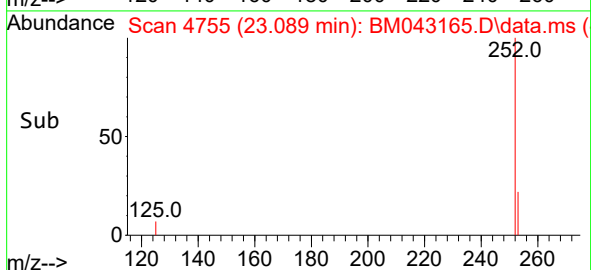
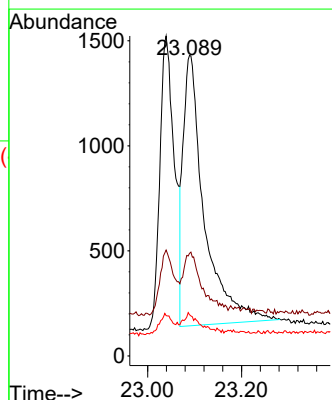
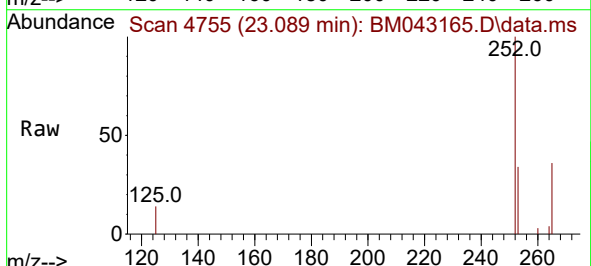
Tgt Ion:252 Resp: 4020

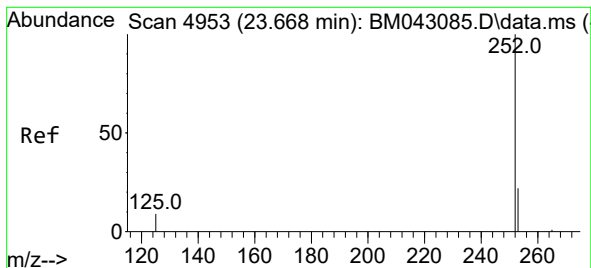
Ion Ratio Lower Upper

252 100

253 34.1 28.2 42.2

125 13.7 11.0 16.6





#26

Benzo(a)pyrene

Concen: 0.405 ng/ul

RT: 23.671 min Scan# 4954

Delta R.T. 0.021 min

Lab File: BM043165.D

Acq: 02 Dec 2023 18:51

Instrument :

BNA_M

ClientSampleId :

SSTD0.4148

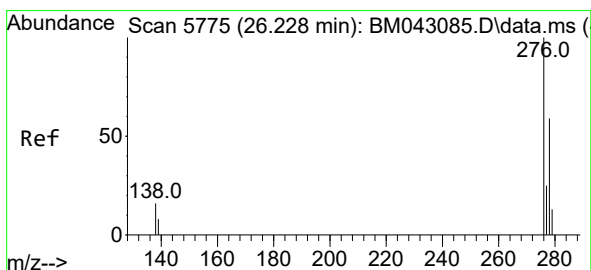
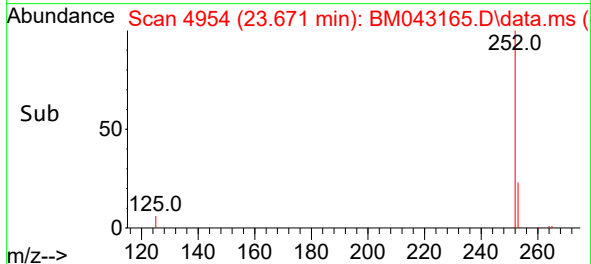
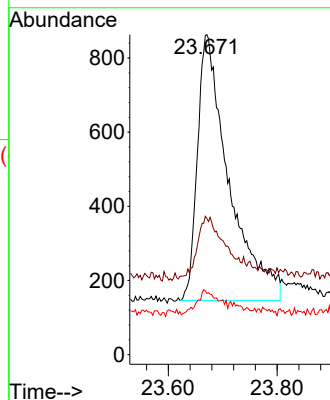
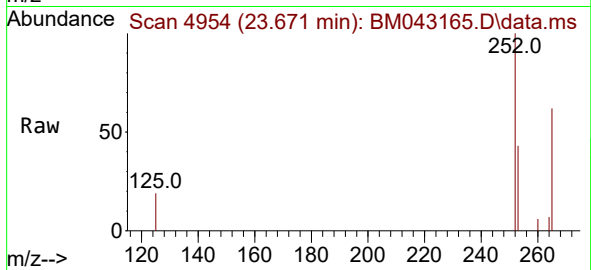
Tgt Ion:252 Resp: 2874

Ion Ratio Lower Upper

252 100

253 42.5 36.6 55.0

125 19.1 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.402 ng/ul

RT: 26.242 min Scan# 5779

Delta R.T. 0.037 min

Lab File: BM043165.D

Acq: 02 Dec 2023 18:51

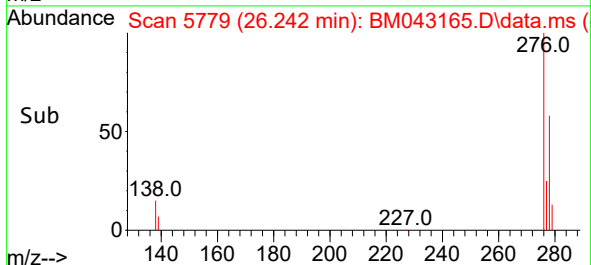
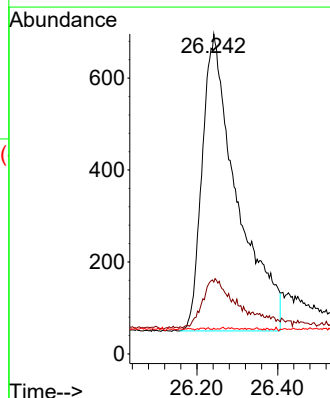
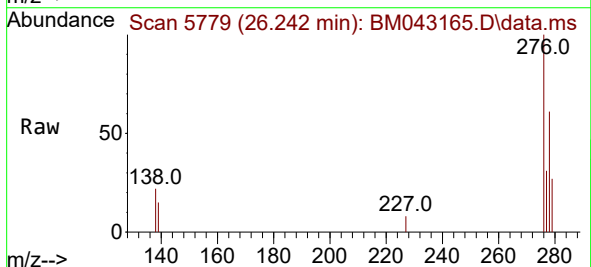
Tgt Ion:276 Resp: 3861

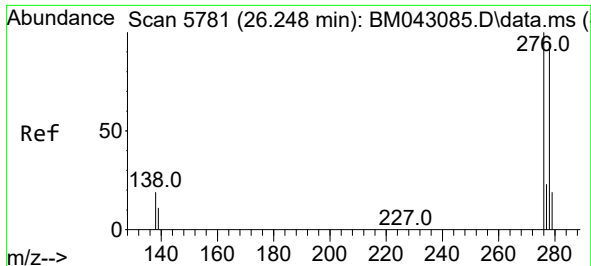
Ion Ratio Lower Upper

276 100

138 17.5 0.0 0.0#

227 0.1 0.2 0.2#

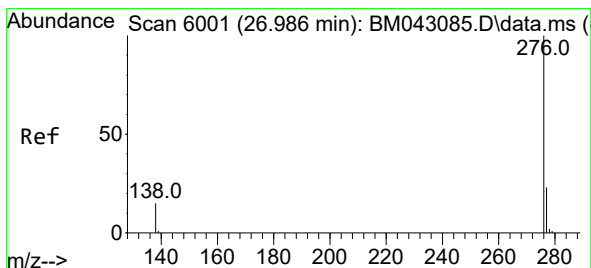
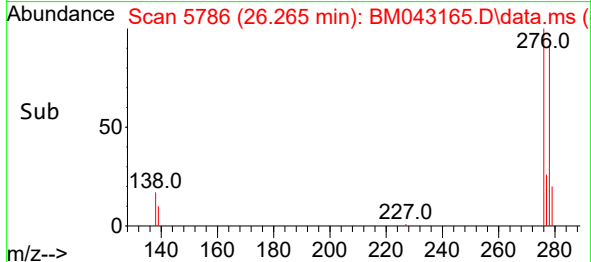
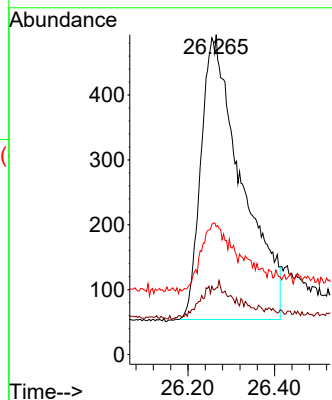
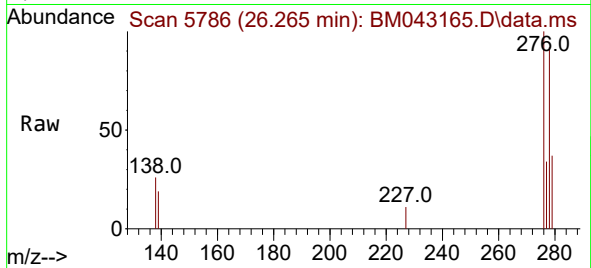




#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 26.265 min Scan# 5786
Delta R.T. 0.054 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD0.4148

Tgt Ion:278 Resp: 2852
Ion Ratio Lower Upper
278 100
139 20.9 18.1 27.1
279 40.0 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 26.990 min Scan# 6002
Delta R.T. 0.030 min
Lab File: BM043165.D
Acq: 02 Dec 2023 18:51

Tgt Ion:276 Resp: 3892
Ion Ratio Lower Upper
276 100
138 21.2 17.8 26.8
277 29.4 23.8 35.8

