

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043466.D
 Acq On : 20 Dec 2023 15:53
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4160

Quant Time: Dec 20 23:14:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

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

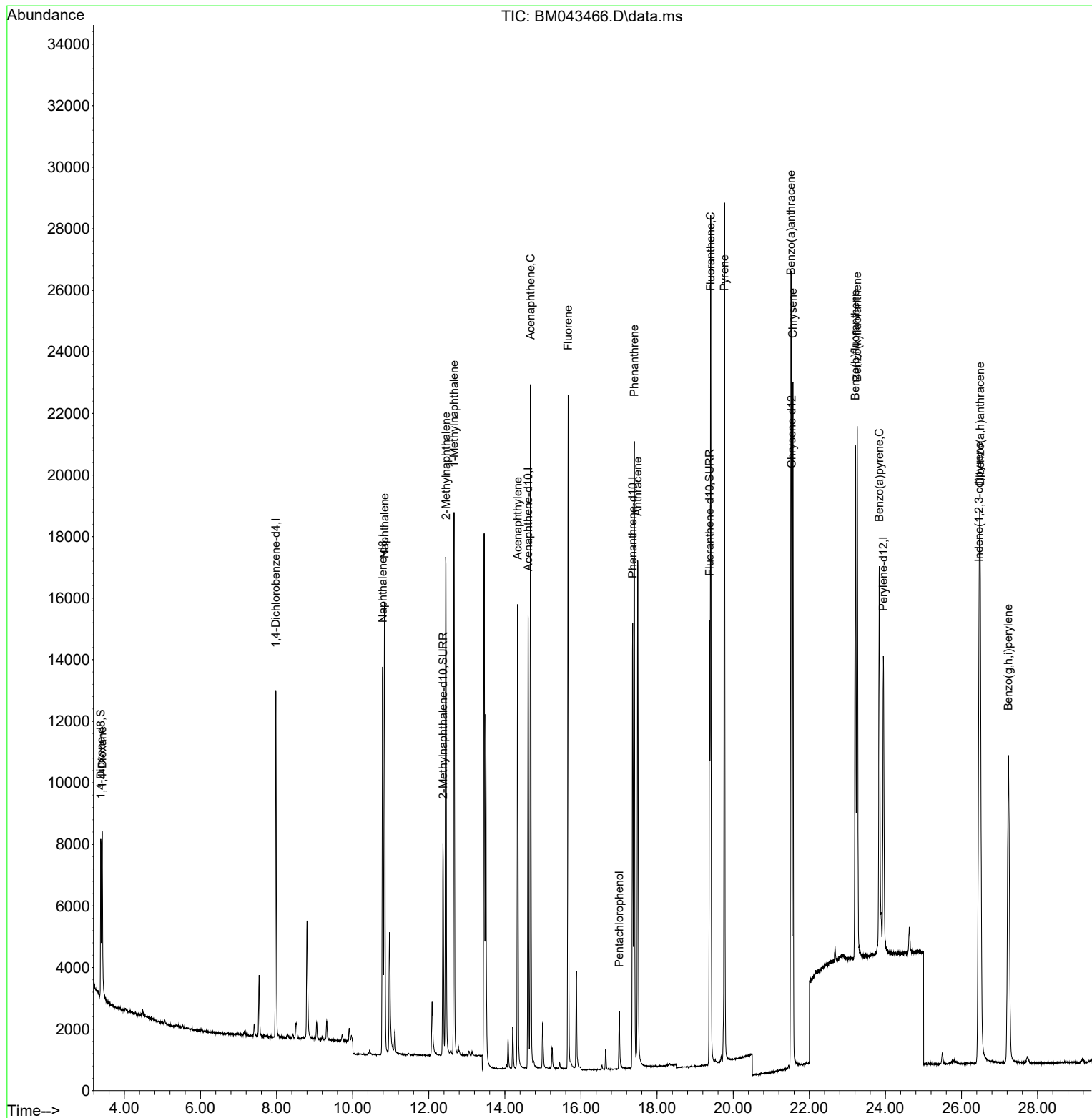
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	5916	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	17610	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.611	164	8543	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	17054	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	12177	0.400	ng/ul	0.00
23) Perylene-d12	23.947	264	14002	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	3306	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	9495	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	14990	0.345	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.419	88	3389	0.452	ng/ul#	83
5) Naphthalene	10.840	128	20810	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.451	142	12499	0.366	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	12615	0.368	ng/ul	98
10) Acenaphthylene	14.338	152	18406	0.391	ng/ul	99
11) Acenaphthene	14.675	153	13272	0.388	ng/ul	97
12) Fluorene	15.661	166	14431	0.372	ng/ul	99
14) Pentachlorophenol	17.008	266	1539	0.407	ng/ul	96
15) Phenanthrene	17.401	178	22463	0.395	ng/ul	100
16) Anthracene	17.489	178	20682	0.400	ng/ul	99
19) Fluoranthene	19.408	202	23207	0.338	ng/ul#	94
20) Pyrene	19.771	202	24125	0.354	ng/ul	96
21) Benzo(a)anthracene	21.515	228	20668	0.387	ng/ul	99
22) Chrysene	21.571	228	21130	0.374	ng/ul	100
24) Benzo(b)fluoranthene	23.208	252	22449	0.353	ng/ul	94
25) Benzo(k)fluoranthene	23.257	252	23961	0.364	ng/ul#	92
26) Benzo(a)pyrene	23.839	252	20580	0.393	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.461	276	28022	0.469	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.488	278	22818	0.482	ng/ul	97
29) Benzo(g,h,i)perylene	27.233	276	23605	0.463	ng/ul	97

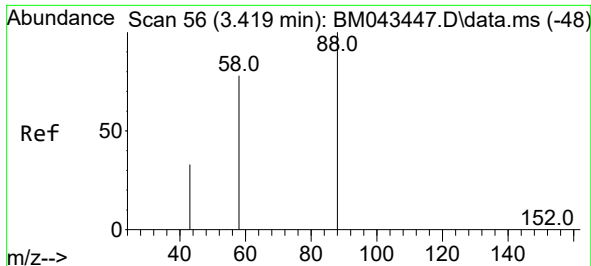
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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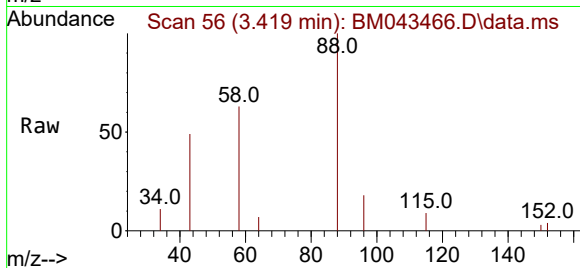
Quant Time: Dec 20 23:14:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration



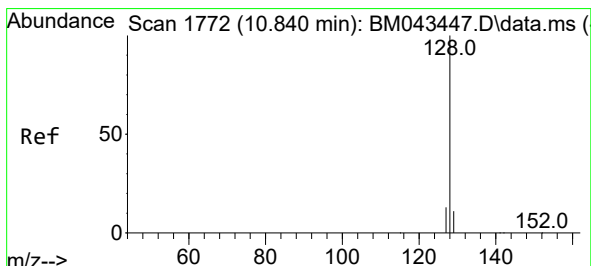
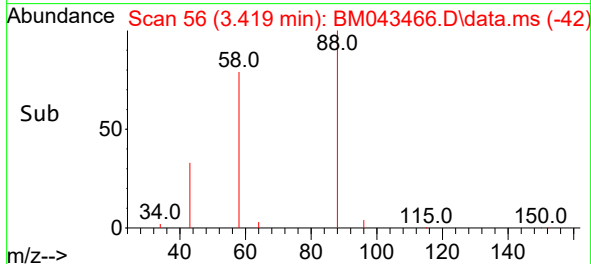
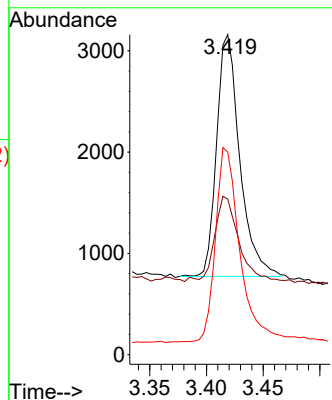


#2
1,4-Dioxane
Concen: 0.452 ng/ul
RT: 3.419 min Scan# 56
Delta R.T. 0.000 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

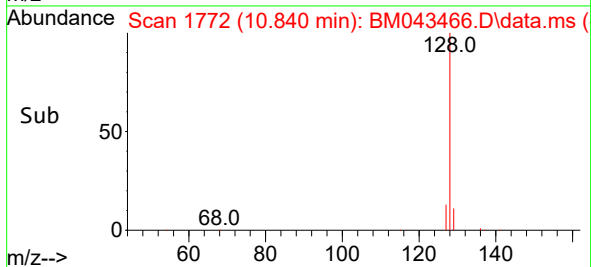
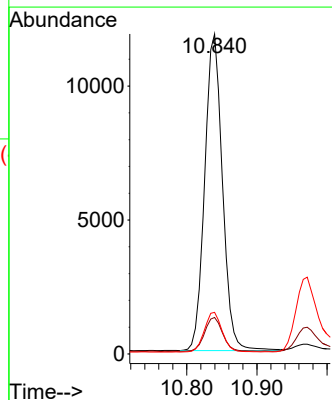
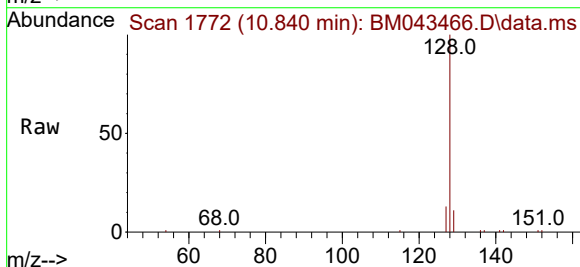


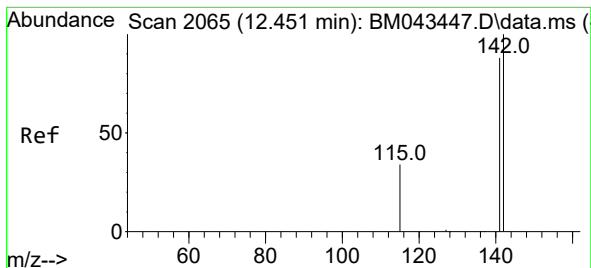
Tgt Ion: 88 Resp: 3389
Ion Ratio Lower Upper
88 100
43 48.7 27.9 41.9#
58 63.3 43.4 65.2



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

Tgt Ion: 128 Resp: 20810
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.0 10.3 15.5

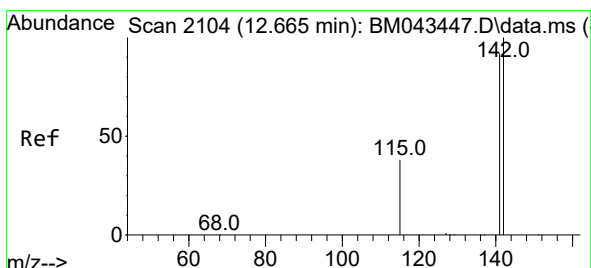
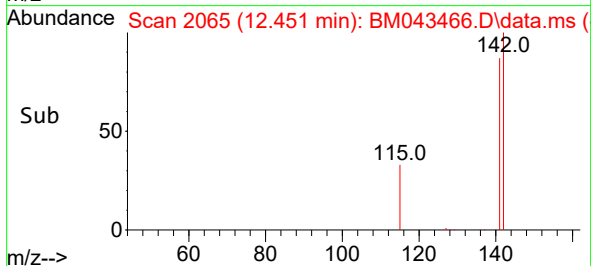
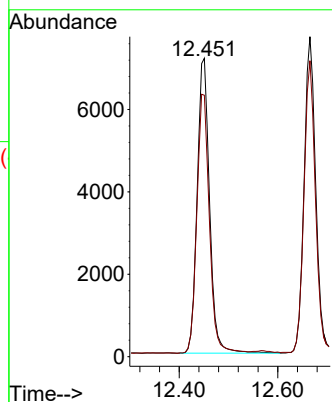
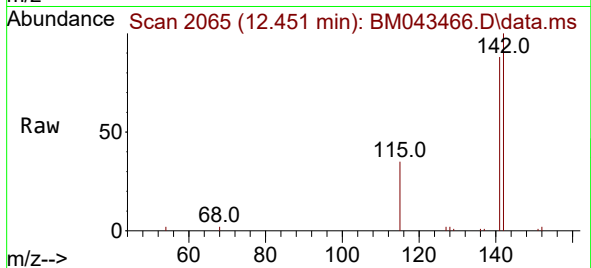




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

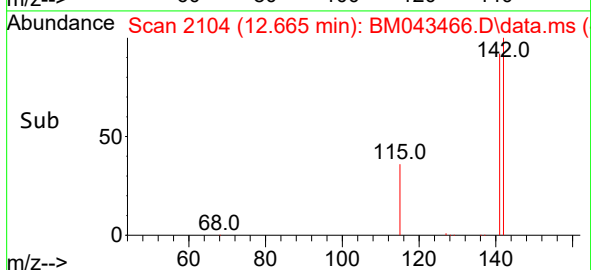
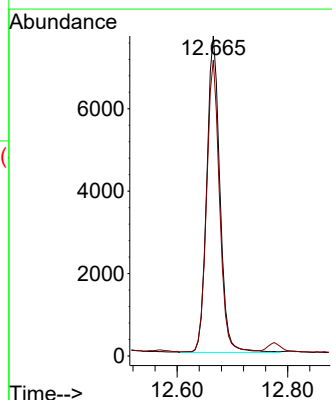
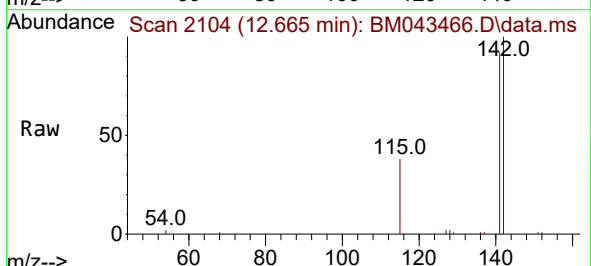
Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

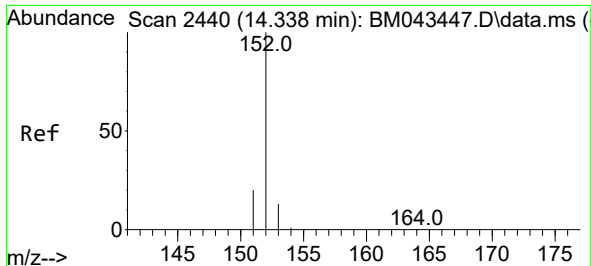
Tgt Ion:142 Resp: 12499
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

Tgt Ion:142 Resp: 12615
Ion Ratio Lower Upper
142 100
141 90.4 73.7 110.5

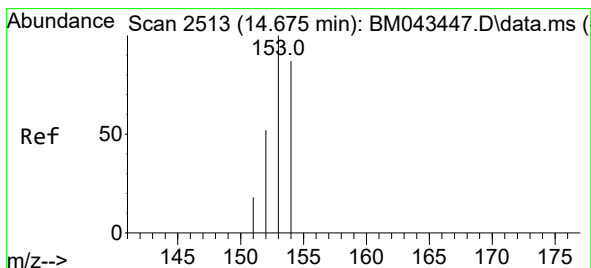
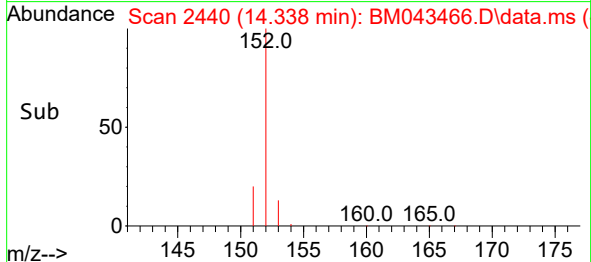
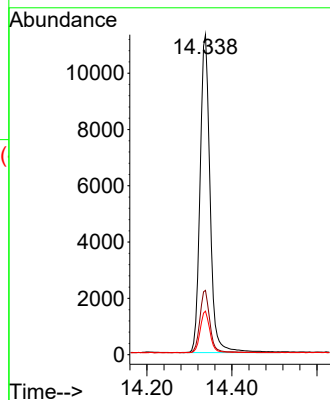
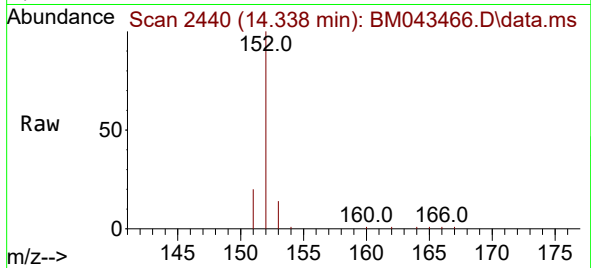




#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

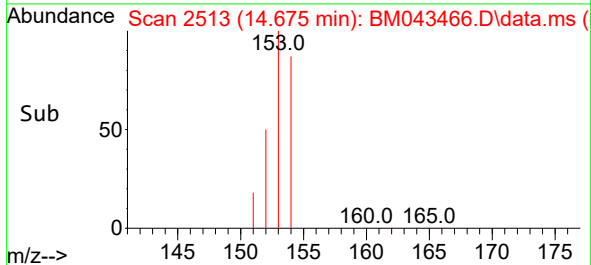
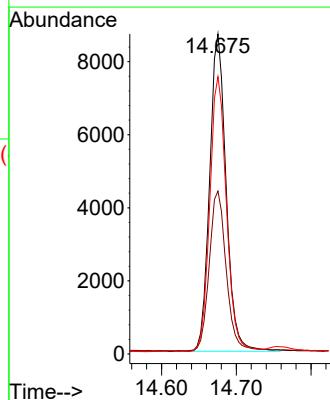
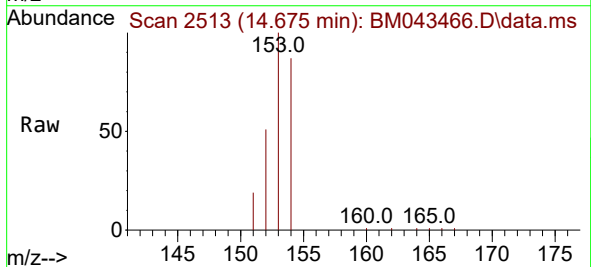
Instrument :
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ClientSampleId :
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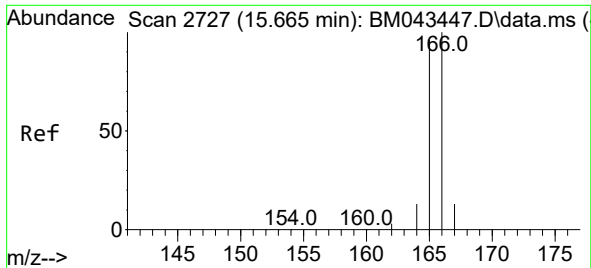
Tgt Ion:152 Resp: 18406
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.6 10.4 15.6



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

Tgt Ion:153 Resp: 13272
Ion Ratio Lower Upper
153 100
152 50.9 42.1 63.1
154 86.7 71.3 106.9

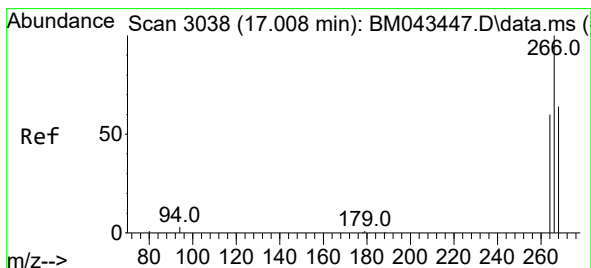
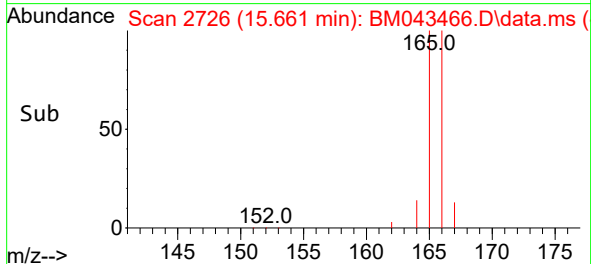
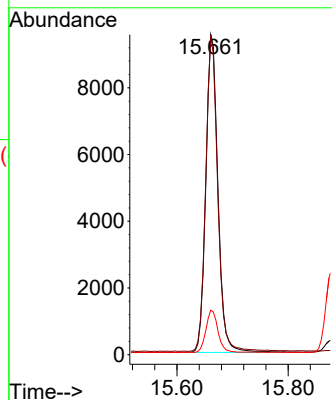
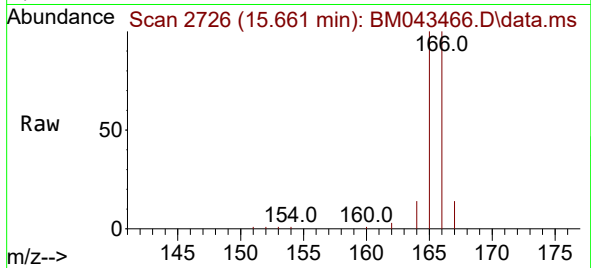




#12
 Fluorene
 Concen: 0.372 ng/ul
 RT: 15.661 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM043466.D
 Acq: 20 Dec 2023 15:53

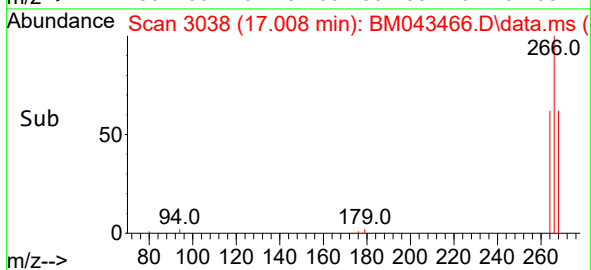
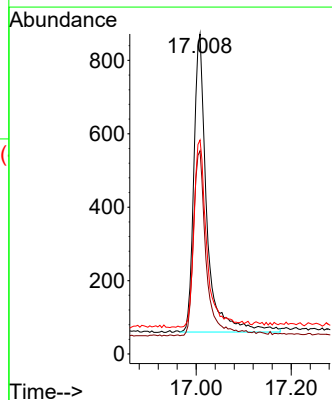
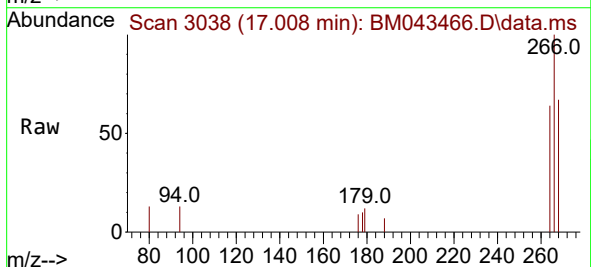
Instrument :
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 ClientSampleId :
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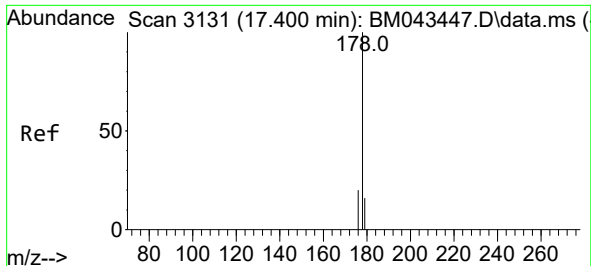
Tgt Ion:166	Resp:	14431
Ion Ratio	Lower	Upper
166	100	
165	99.8	80.3 120.5
167	13.9	10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.407 ng/ul
 RT: 17.008 min Scan# 3038
 Delta R.T. 0.000 min
 Lab File: BM043466.D
 Acq: 20 Dec 2023 15:53

Tgt Ion:266	Resp:	1539
Ion Ratio	Lower	Upper
266	100	
264	61.7	51.7 77.5
268	62.0	51.9 77.9

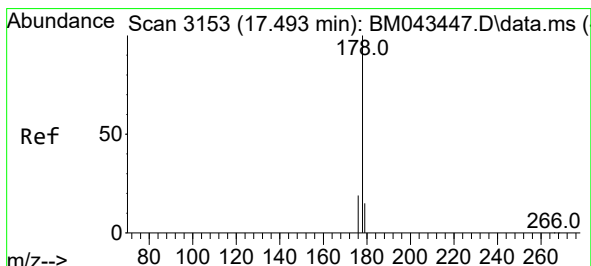
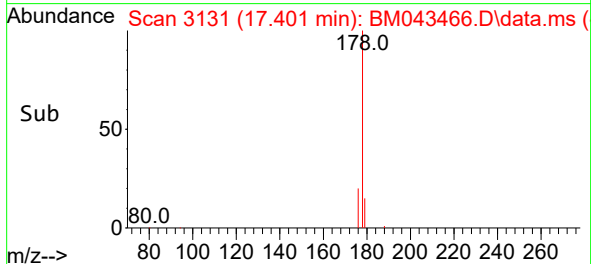
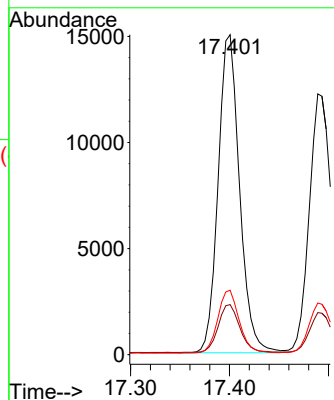
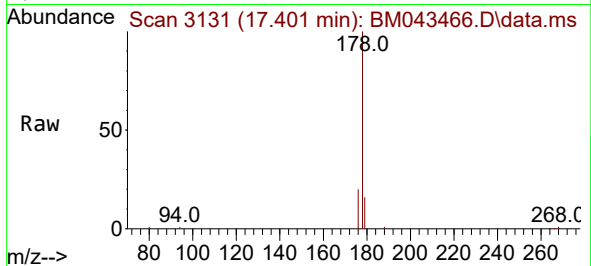




#15
Phenanthrene
Concen: 0.395 ng/ul
RT: 17.401 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

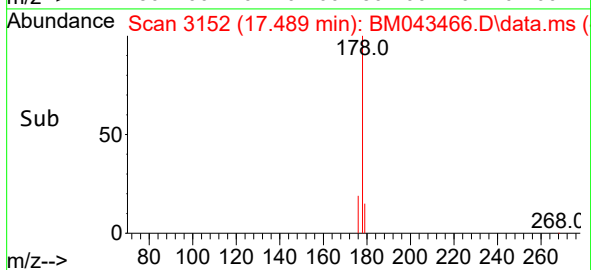
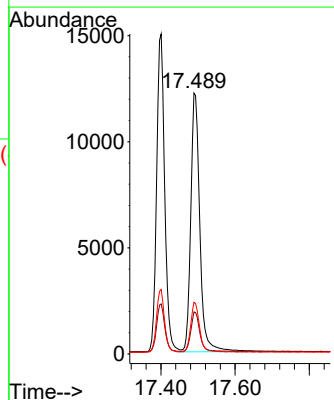
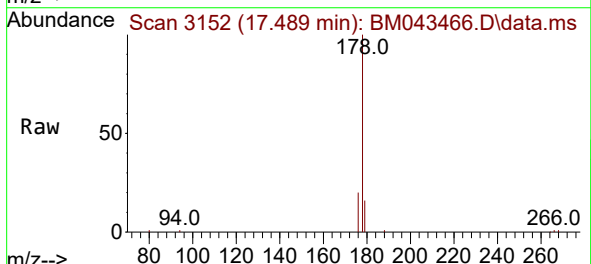
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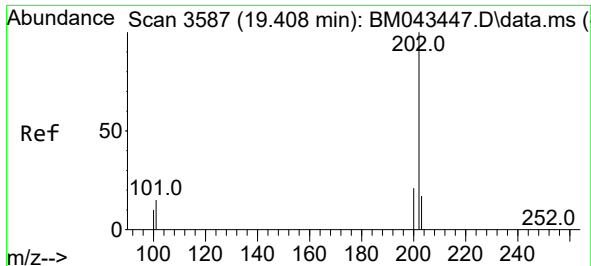
Tgt Ion:178 Resp: 22463
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 20.2 16.2 24.2



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.489 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

Tgt Ion:178 Resp: 20682
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.8 15.6 23.4

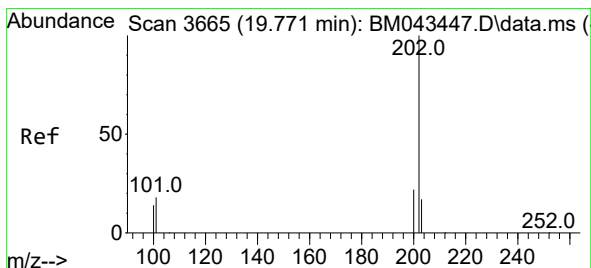
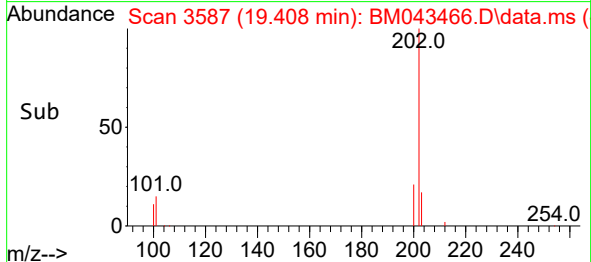
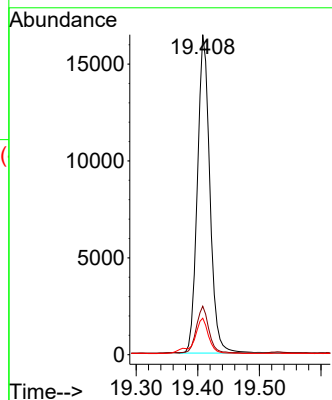
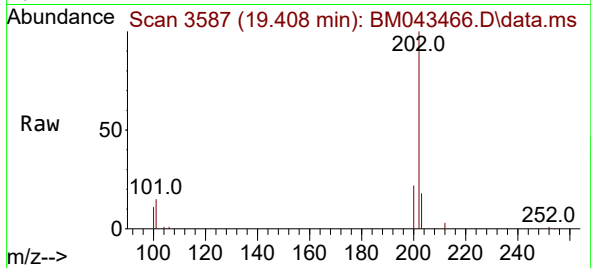




#19
Fluoranthene
Concen: 0.338 ng/ul
RT: 19.408 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

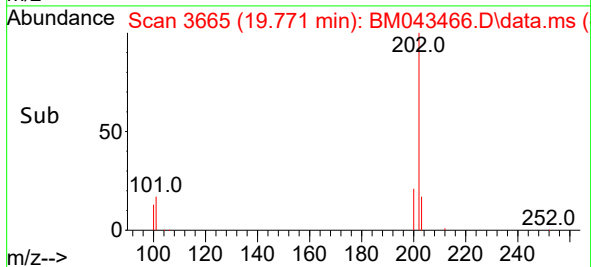
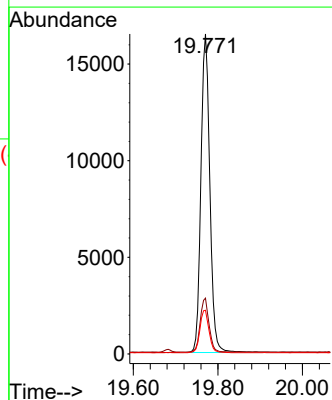
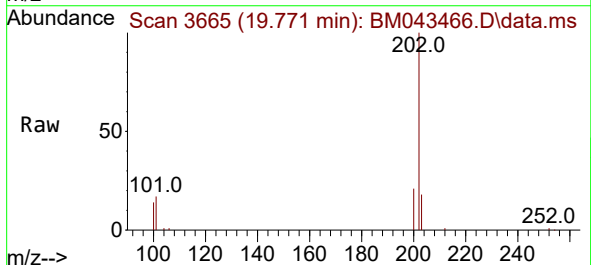
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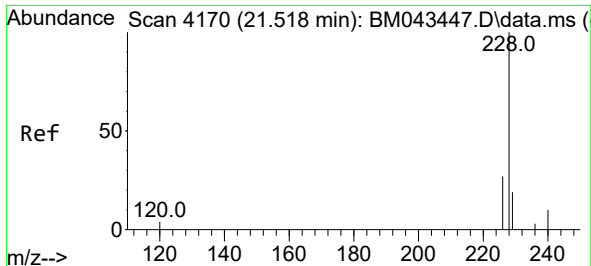
Tgt Ion:202 Resp: 23207
Ion Ratio Lower Upper
202 100
101 15.1 10.1 15.1#
100 11.4 7.4 11.2#



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

Tgt Ion:202 Resp: 24125
Ion Ratio Lower Upper
202 100
101 17.5 12.7 19.1
100 13.7 9.8 14.8

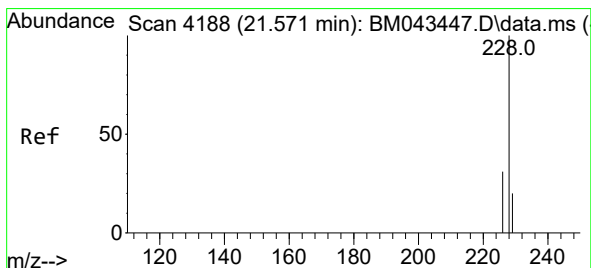
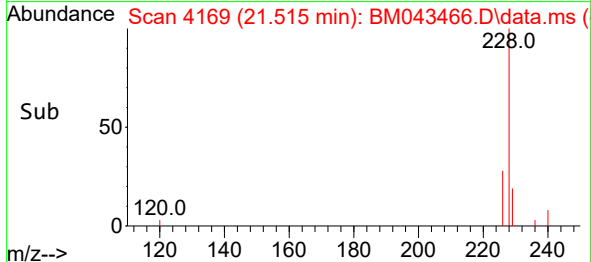
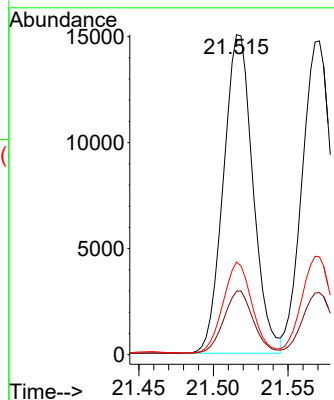
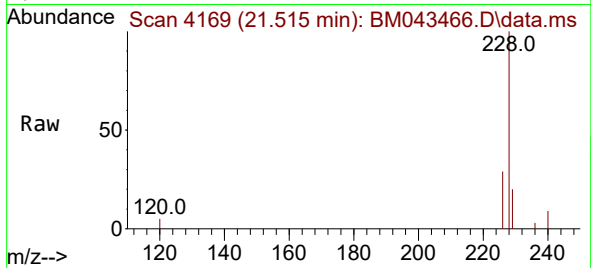




#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.515 min Scan# 4170
Delta R.T. -0.006 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

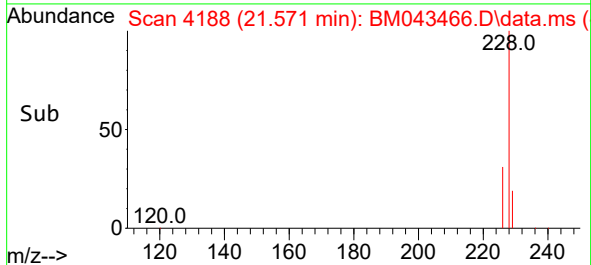
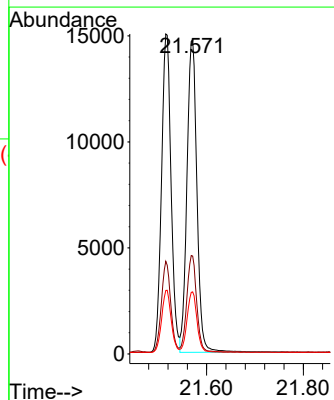
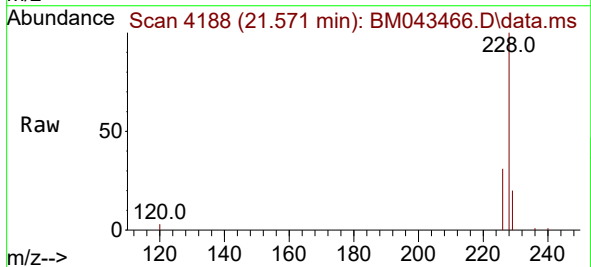
Instrument :
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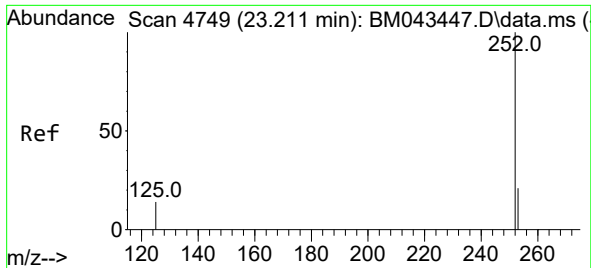
Tgt Ion:228 Resp: 20668
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 28.9 22.6 34.0



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

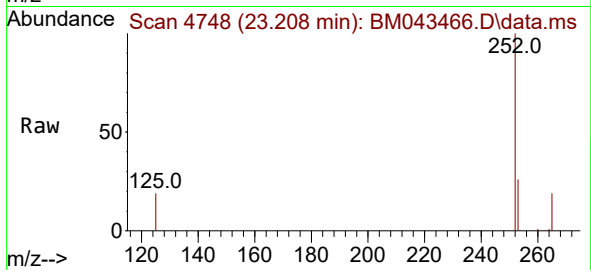
Tgt Ion:228 Resp: 21130
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 19.8 15.7 23.5



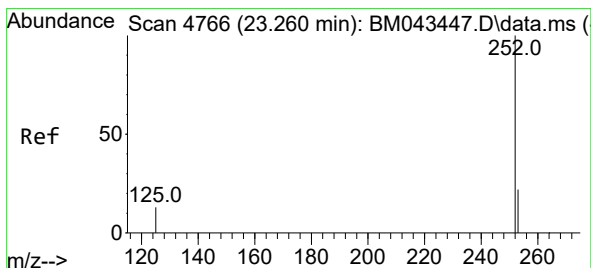
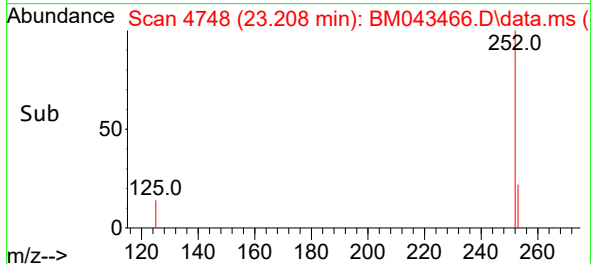
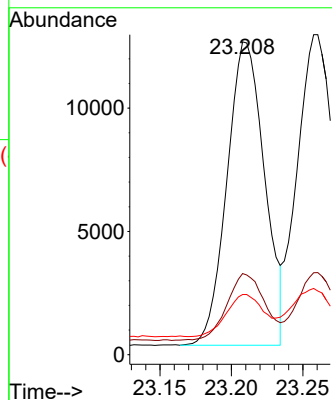


#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.208 min Scan# 4748
Delta R.T. -0.009 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

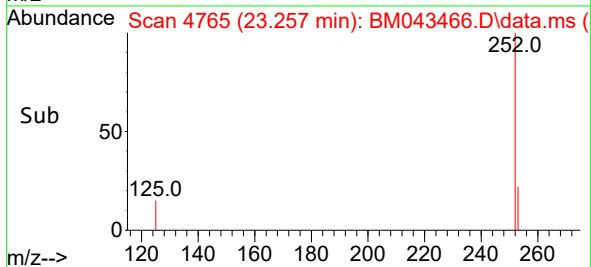
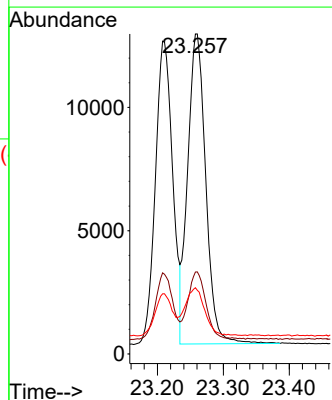
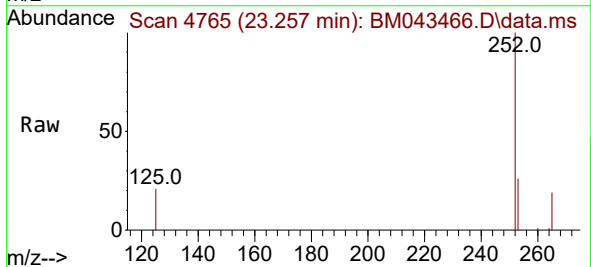


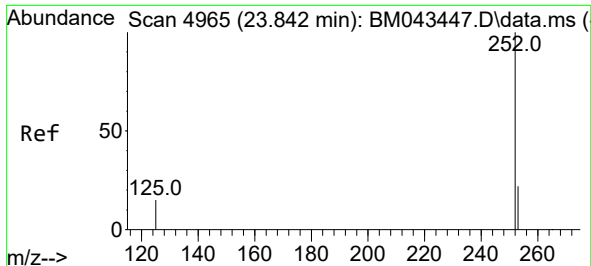
Tgt Ion:252 Resp: 22449
Ion Ratio Lower Upper
252 100
253 26.0 0.0 48.8
125 19.3 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 23.257 min Scan# 4765
Delta R.T. -0.009 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

Tgt Ion:252 Resp: 23961
Ion Ratio Lower Upper
252 100
253 25.6 18.6 28.0
125 20.7 11.8 17.8#

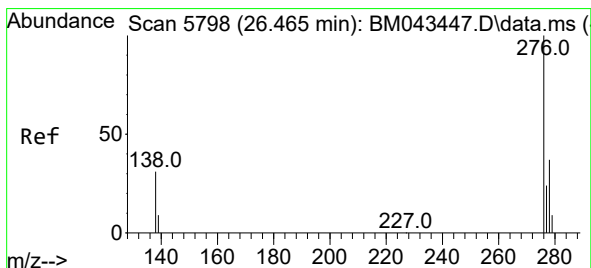
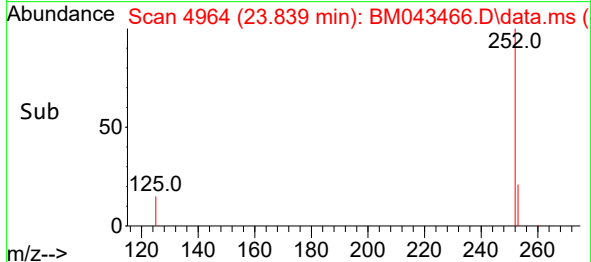
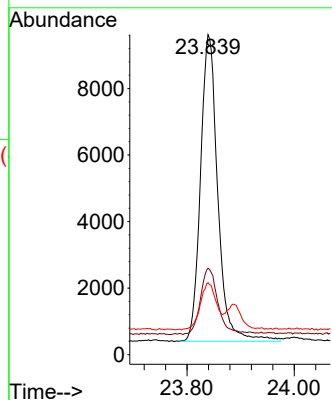
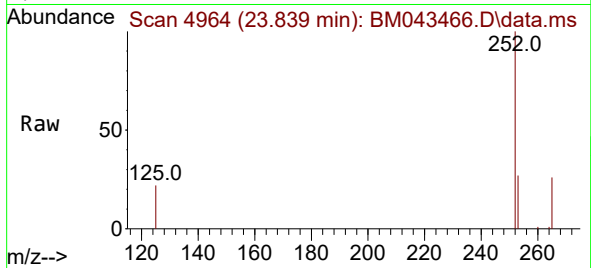




#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.839 min Scan# 4965
Delta R.T. -0.009 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

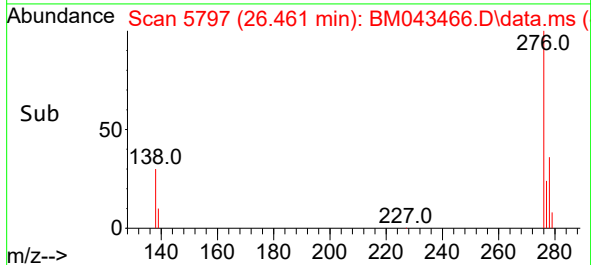
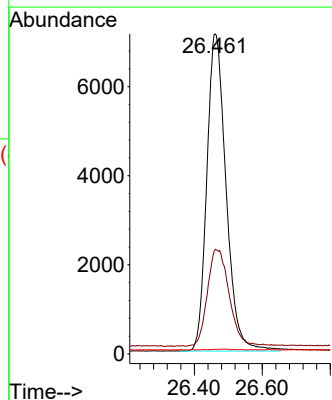
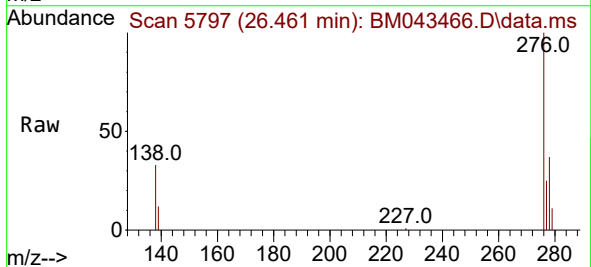
Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

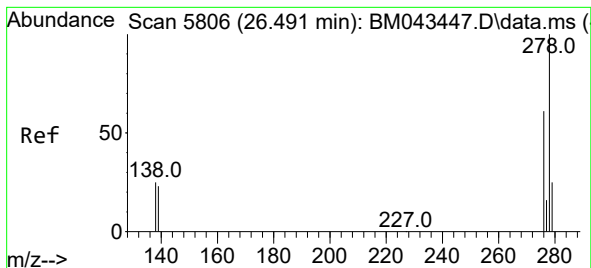
Tgt Ion:252 Resp: 20580
Ion Ratio Lower Upper
252 100
253 27.0 20.2 30.2
125 22.5 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.469 ng/ul
RT: 26.461 min Scan# 5797
Delta R.T. -0.014 min
Lab File: BM043466.D
Acq: 20 Dec 2023 15:53

Tgt Ion:276 Resp: 28022
Ion Ratio Lower Upper
276 100
138 34.3 24.6 36.8
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.482 ng/ul

RT: 26.488 min Scan# 5805

Delta R.T. -0.010 min

Lab File: BM043466.D

Acq: 20 Dec 2023 15:53

Instrument :

BNA_M

ClientSampleId :

SSTD0.4160

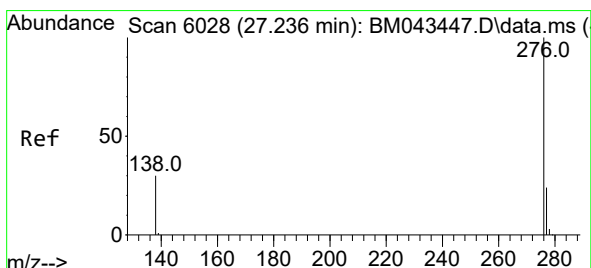
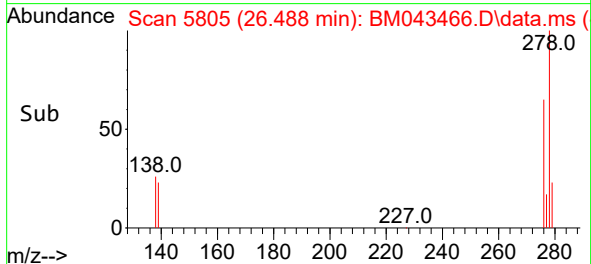
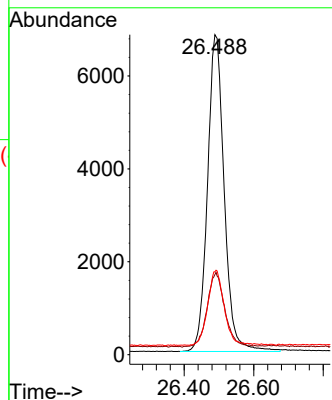
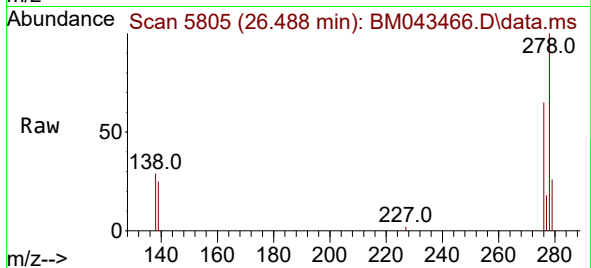
Tgt Ion:278 Resp: 22818

Ion Ratio Lower Upper

278 100

139 25.1 17.4 26.2

279 25.9 20.9 31.3



#29

Benzo(g,h,i)perylene

Concen: 0.463 ng/ul

RT: 27.233 min Scan# 6027

Delta R.T. -0.010 min

Lab File: BM043466.D

Acq: 20 Dec 2023 15:53

Tgt Ion:276 Resp: 23605

Ion Ratio Lower Upper

276 100

138 31.3 23.1 34.7

277 24.9 19.4 29.0

