

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041519.D
 Acq On : 28 Aug 2023 12:50
 Operator : MA/JU
 Sample : SSTD0.414
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4003

Quant Time: Aug 28 13:33:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 13:32:21 2023
 Response via : Initial Calibration

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

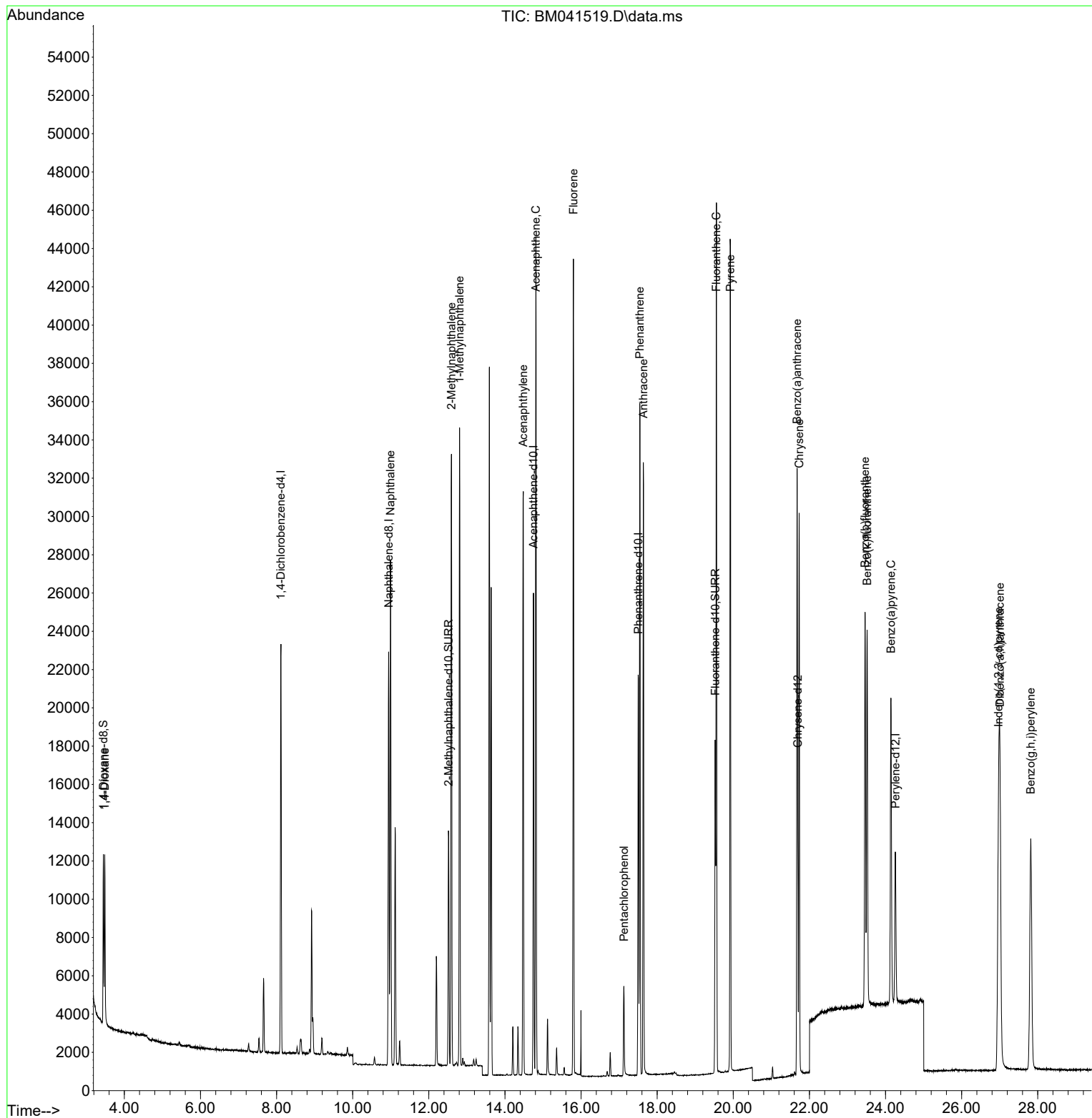
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	27737	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	12968	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	22495	0.400	ng/ul	0.00
17) Chrysene-d12	21.694	240	9072	0.400	ng/ul	0.00
23) Perylene-d12	24.260	264	11141	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	5230	0.391	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	15039	0.411	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	15672	0.392	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	5433	0.395	ng/ul	100
5) Naphthalene	10.994	128	35645	0.431	ng/ul	100
7) 2-Methylnaphthalene	12.594	142	21947	0.442	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	22264	0.441	ng/ul	100
10) Acenaphthylene	14.481	152	33887	0.435	ng/ul	100
11) Acenaphthene	14.814	153	23963	0.442	ng/ul	100
12) Fluorene	15.799	166	25886	0.427	ng/ul	100
14) Pentachlorophenol	17.126	266	3252	0.767	ng/ul	100
15) Phenanthrene	17.544	178	36447	0.441	ng/ul	100
16) Anthracene	17.637	178	33301	0.443	ng/ul	100
19) Fluoranthene	19.557	202	35414	0.425	ng/ul	100
20) Pyrene	19.924	202	35261	0.420	ng/ul	100
21) Benzo(a)anthracene	21.676	228	25845	0.438	ng/ul	100
22) Chrysene	21.732	228	25461	0.399	ng/ul	100
24) Benzo(b)fluoranthene	23.462	252	27473	0.360	ng/ul	100
25) Benzo(k)fluoranthene	23.518	252	27497	0.360	ng/ul	100
26) Benzo(a)pyrene	24.143	252	25044	0.399	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.971	276	33862	0.432	ng/ul#	100
28) Dibenzo(a,h)anthracene	27.008	278	24414	0.407	ng/ul	100
29) Benzo(g,h,i)perylene	27.816	276	28624	0.415	ng/ul	100

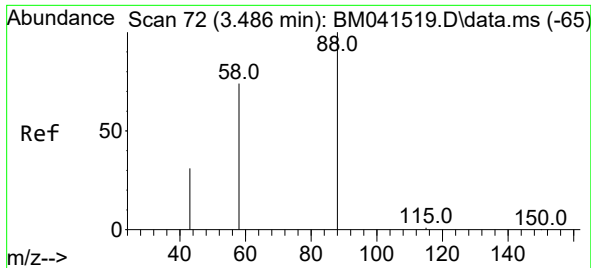
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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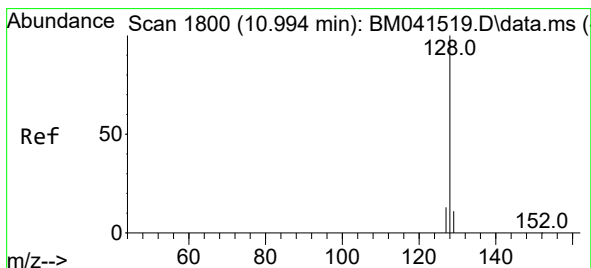
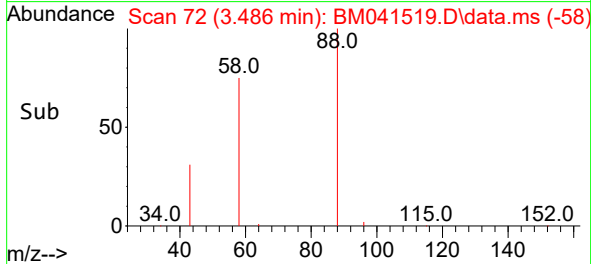
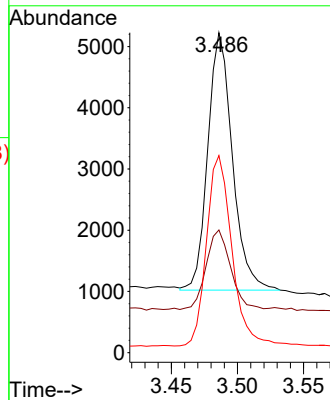
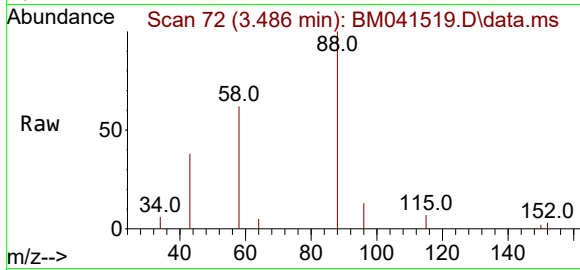




#2
1,4-Dioxane
Concen: 0.395 ng/ul
RT: 3.486 min Scan# 72
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

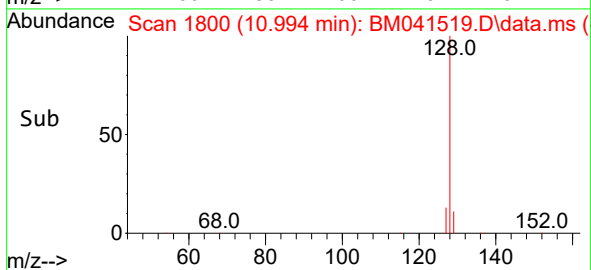
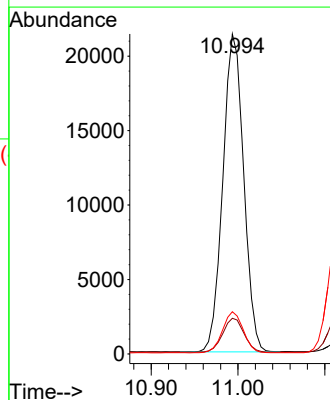
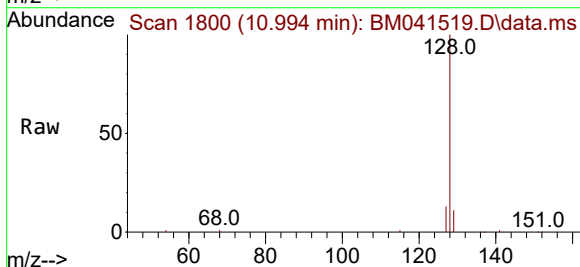
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

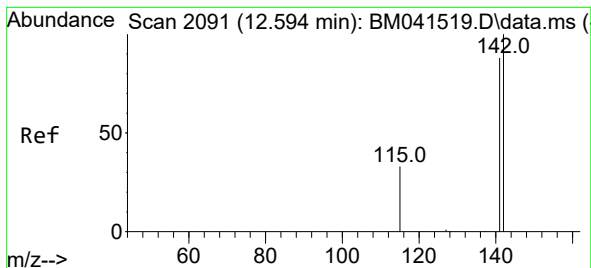
Tgt Ion: 88 Resp: 5433
Ion Ratio Lower Upper
88 100
43 38.3 30.6 46.0
58 61.6 49.3 73.9



#5
Naphthalene
Concen: 0.431 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

Tgt Ion: 128 Resp: 35645
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 15.8

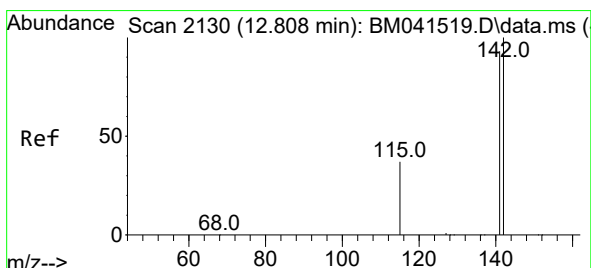
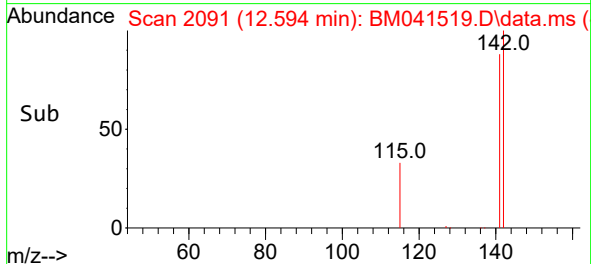
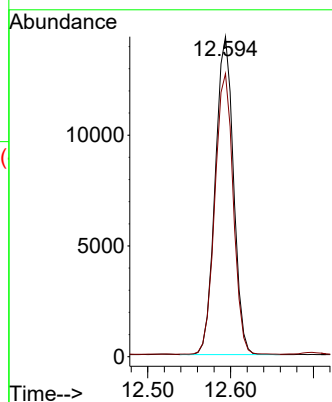
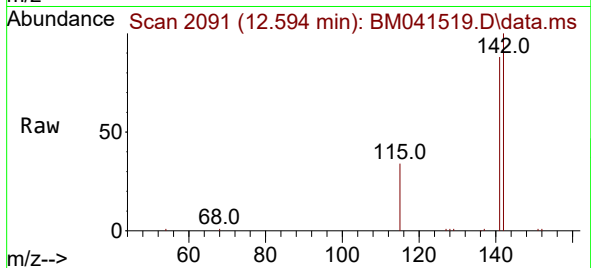




#7
2-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

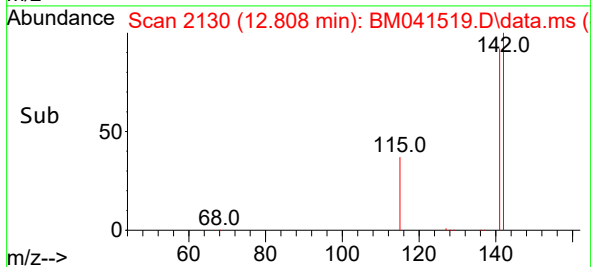
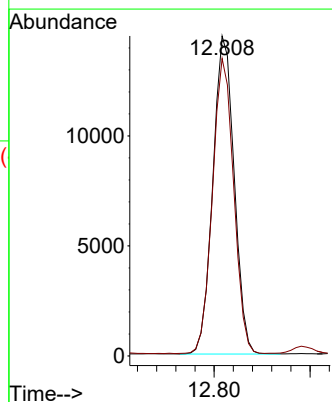
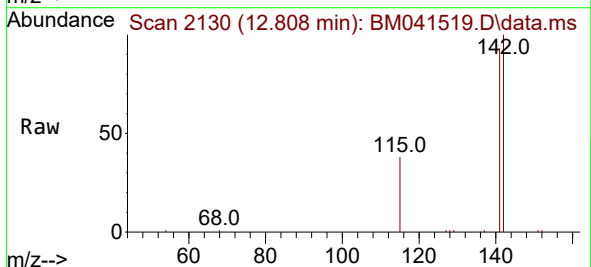
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

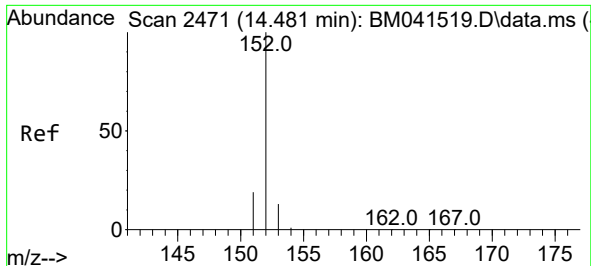
Tgt Ion:142 Resp: 21947
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6



#8
1-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

Tgt Ion:142 Resp: 22264
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9

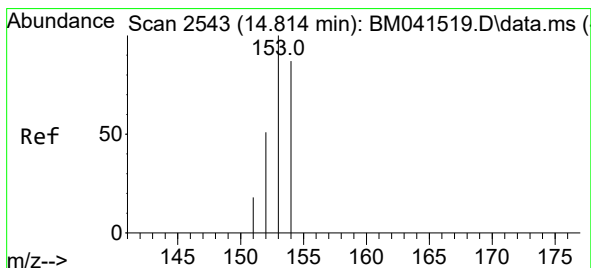
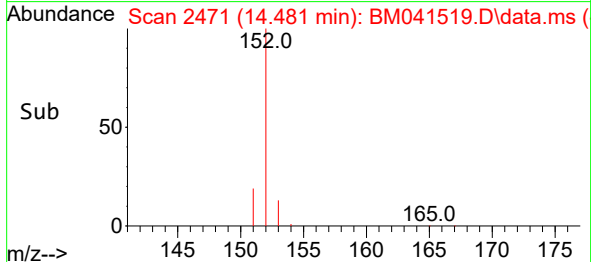
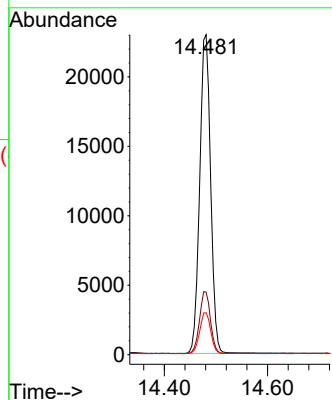
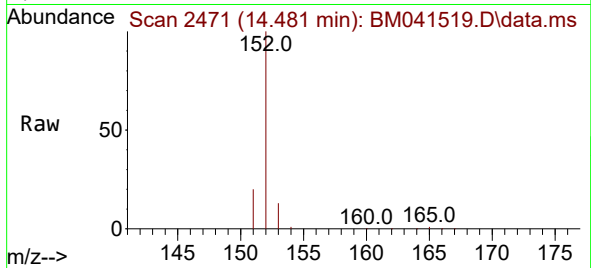




#10
Acenaphthylene
Concen: 0.435 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

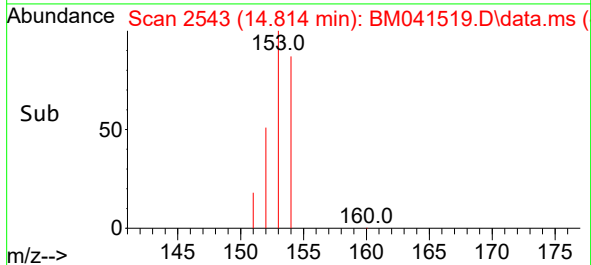
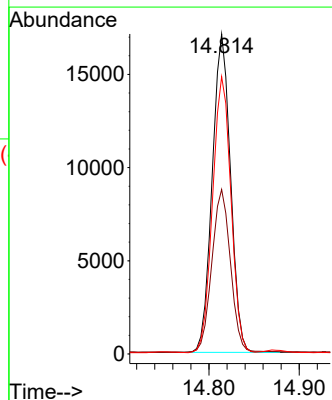
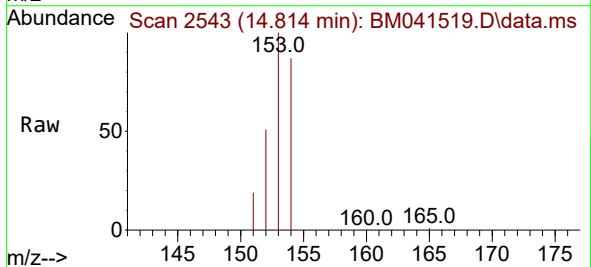
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

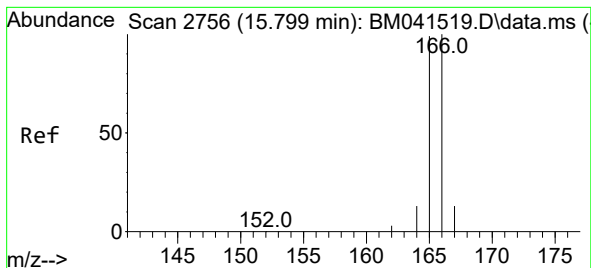
Tgt Ion:152 Resp: 33887
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.1 10.5 15.7



#11
Acenaphthene
Concen: 0.442 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

Tgt Ion:153 Resp: 23963
Ion Ratio Lower Upper
153 100
152 51.4 41.1 61.7
154 86.7 69.4 104.0





#12

Fluorene

Concen: 0.427 ng/ul

RT: 15.799 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041519.D

Acq: 28 Aug 2023 12:50

Instrument :

BNA_M

ClientSampleId :

SSTD0.4003

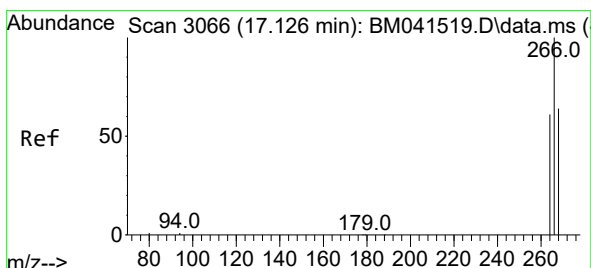
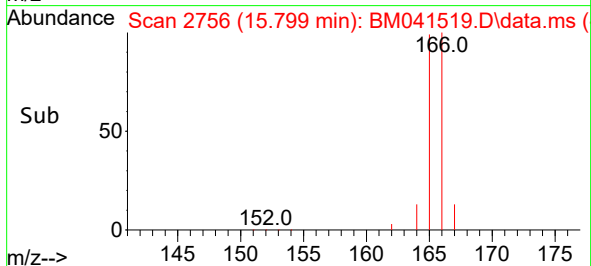
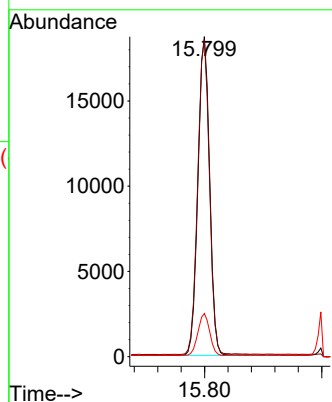
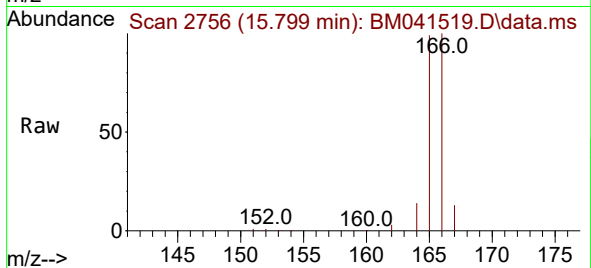
Tgt Ion:166 Resp: 25886

Ion Ratio Lower Upper

166 100

165 99.0 79.2 118.8

167 13.5 10.8 16.2



#14

Pentachlorophenol

Concen: 0.767 ng/ul

RT: 17.126 min Scan# 3066

Delta R.T. 0.000 min

Lab File: BM041519.D

Acq: 28 Aug 2023 12:50

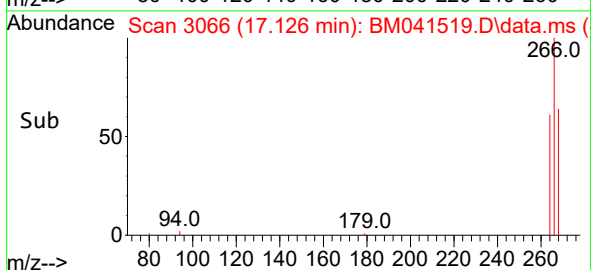
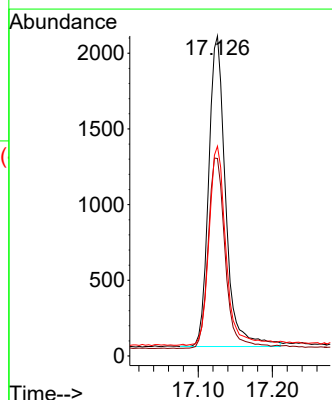
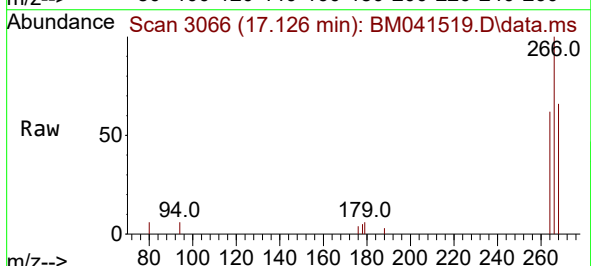
Tgt Ion:266 Resp: 3252

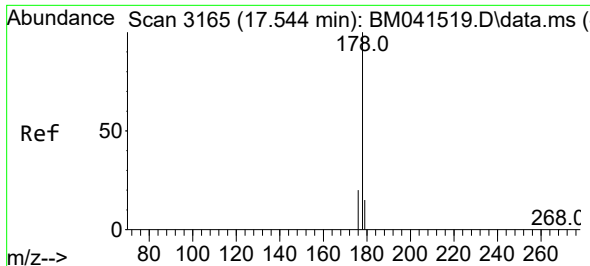
Ion Ratio Lower Upper

266 100

264 62.5 50.0 75.0

268 64.2 51.4 77.0

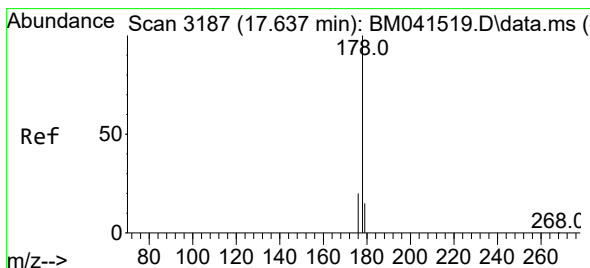
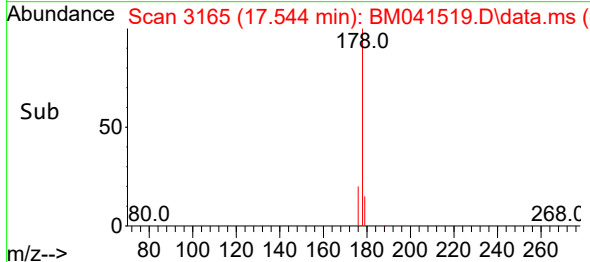
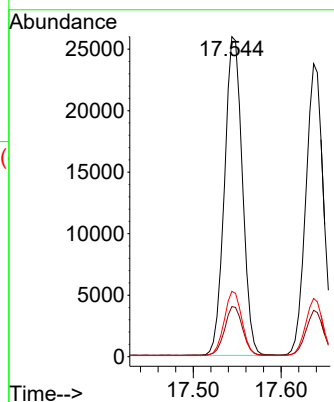
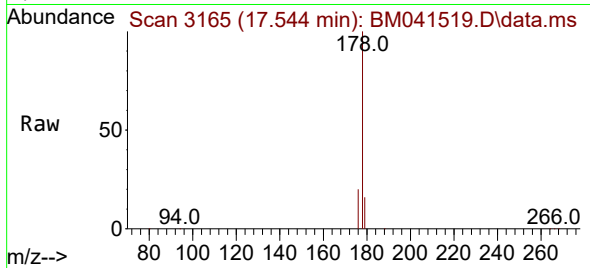




#15
Phenanthrene
Concen: 0.441 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

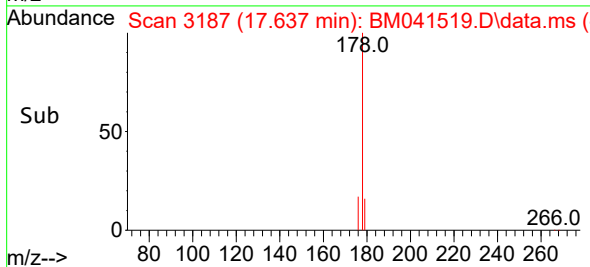
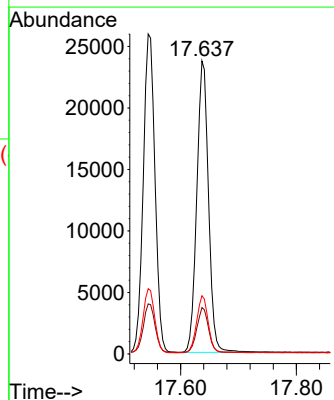
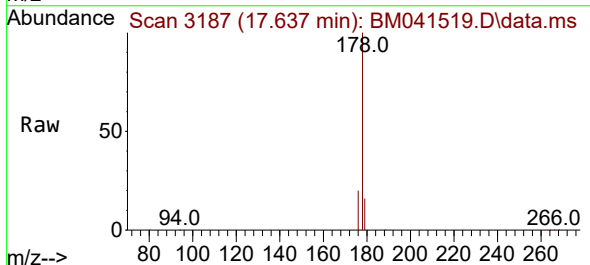
Instrument :
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ClientSampleId :
SSTD0.4003

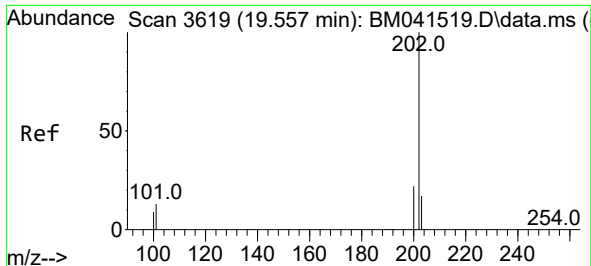
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	20.4	16.3	24.5



#16
Anthracene
Concen: 0.443 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.9	15.9	23.9

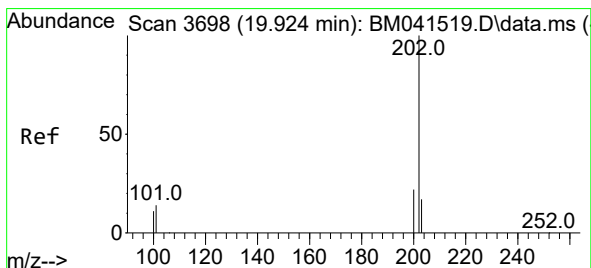
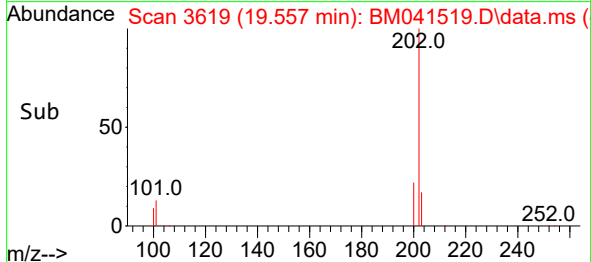
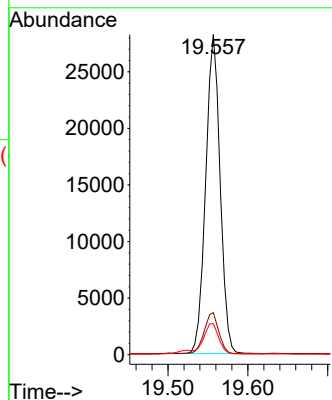
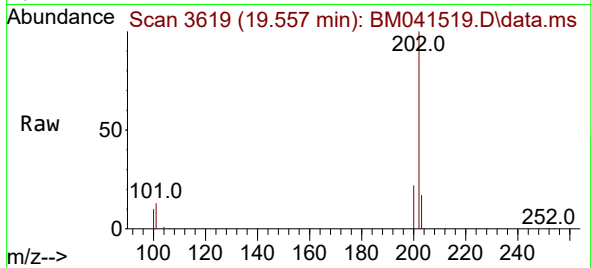




#19
Fluoranthene
Concen: 0.425 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

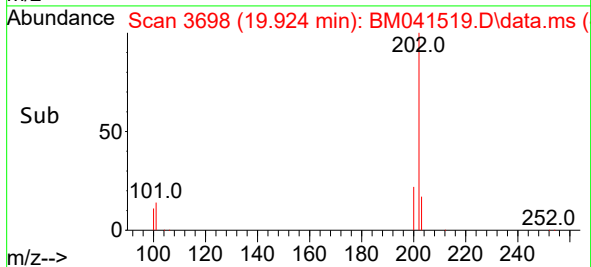
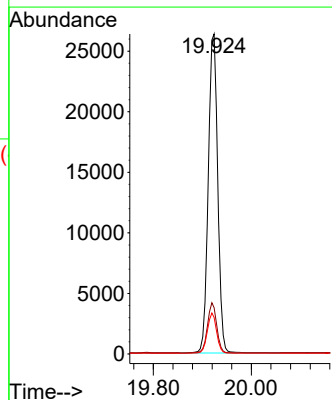
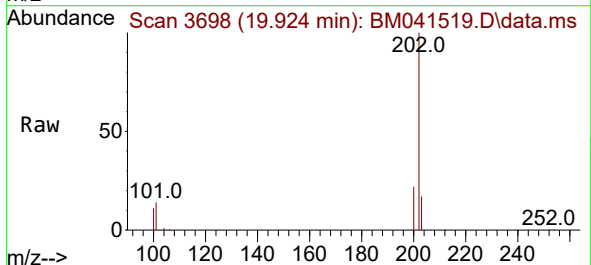
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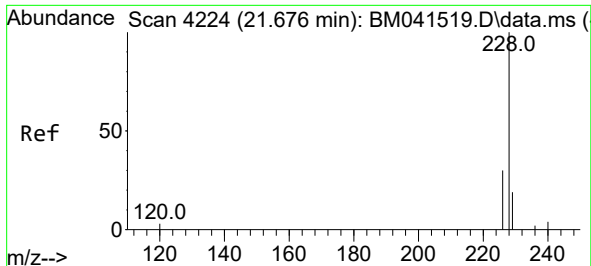
Tgt Ion:202 Resp: 35414
Ion Ratio Lower Upper
202 100
101 13.1 10.5 15.7
100 9.7 7.8 11.6



#20
Pyrene
Concen: 0.420 ng/ul
RT: 19.924 min Scan# 3698
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

Tgt Ion:202 Resp: 35261
Ion Ratio Lower Upper
202 100
101 14.5 11.6 17.4
100 11.4 9.1 13.7

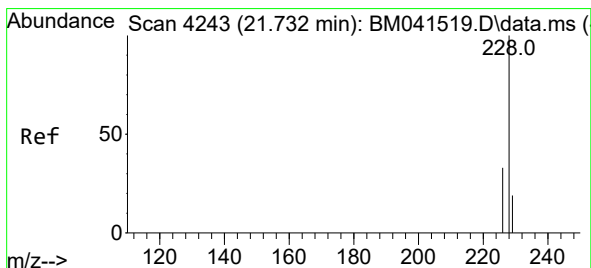
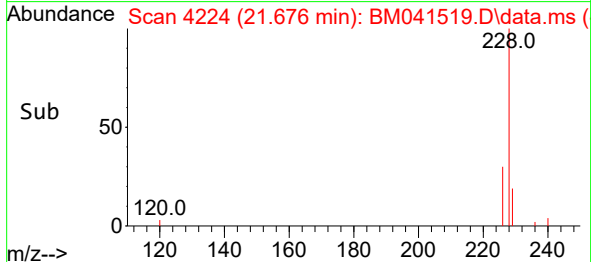
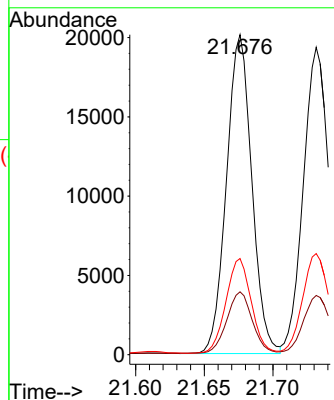
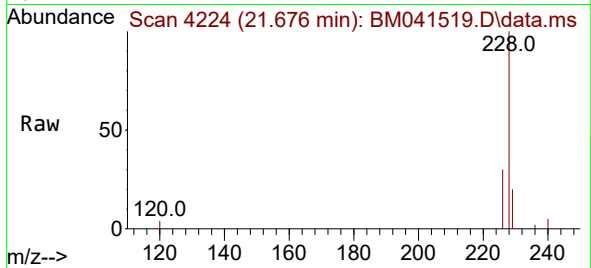




#21
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 21.676 min Scan# 4224
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

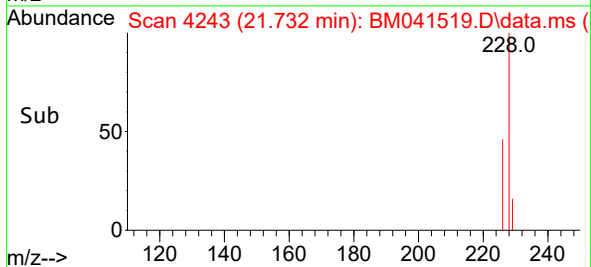
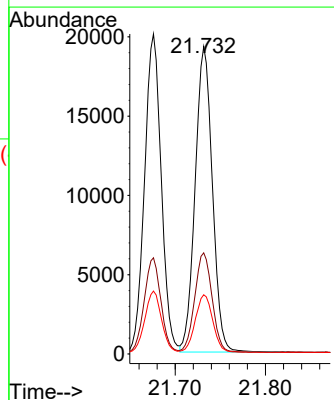
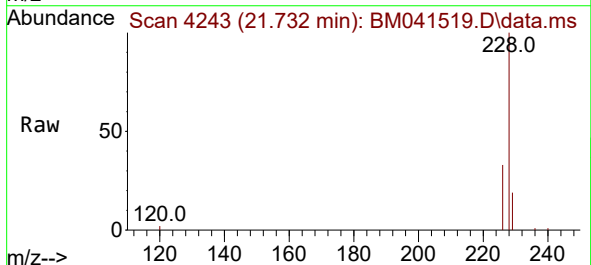
Instrument :
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SSTD0.4003

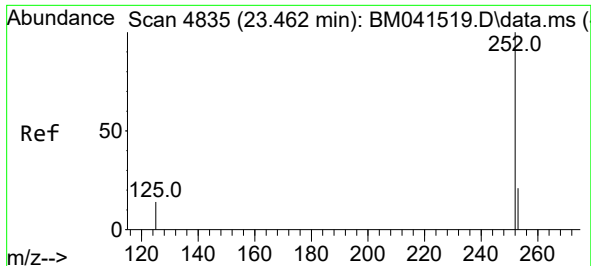
Tgt Ion:	228	Resp:	25845
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.8	23.6
226	30.0	24.0	36.0



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.732 min Scan# 4243
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

Tgt Ion:	228	Resp:	25461
Ion Ratio	Lower	Upper	
228	100		
226	32.9	26.3	39.5
229	19.3	15.4	23.2

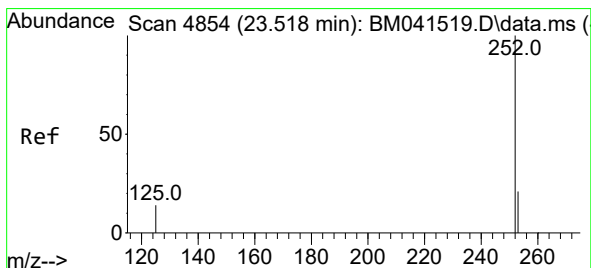
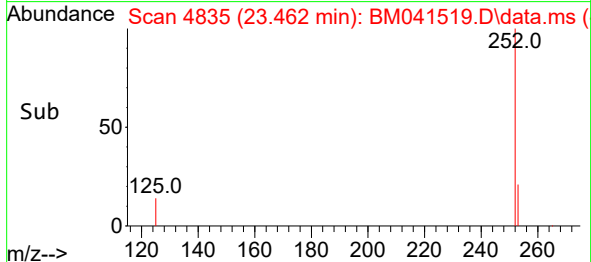
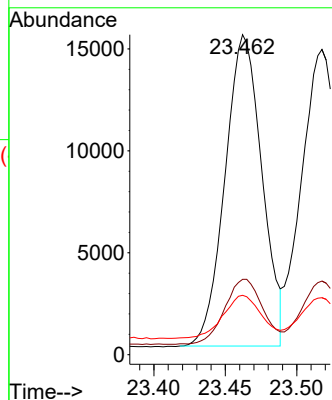
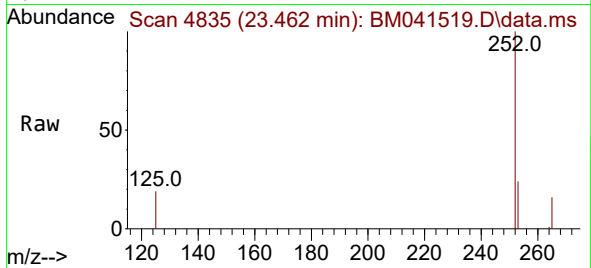




#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 23.462 min Scan# 4835
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

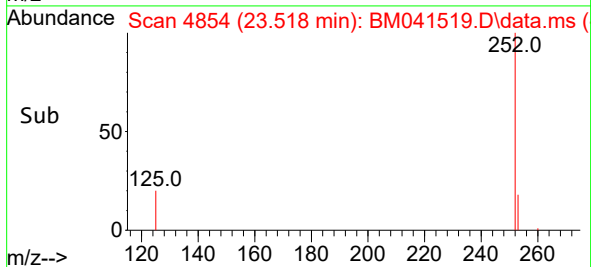
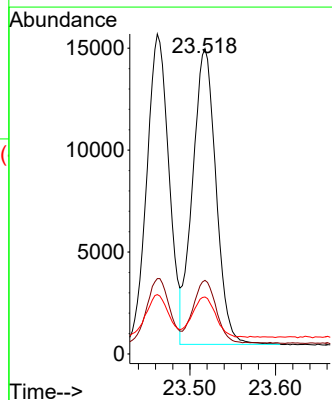
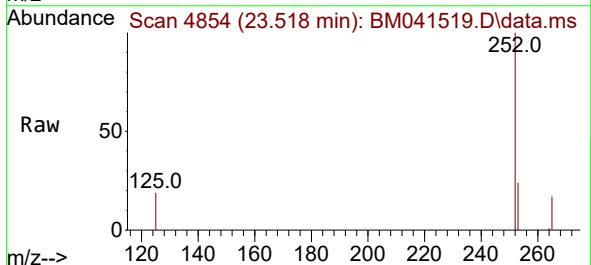
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

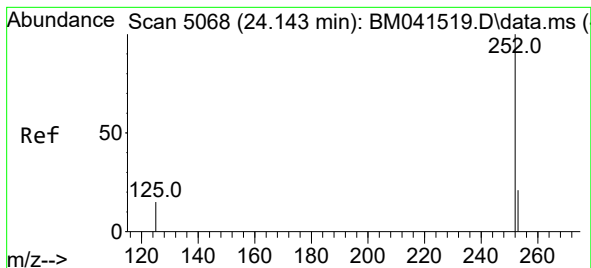
Tgt Ion:252 Resp: 27473
Ion Ratio Lower Upper
252 100
253 23.5 0.0 47.0
125 18.6 0.0 37.2



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 23.518 min Scan# 4854
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

Tgt Ion:252 Resp: 27497
Ion Ratio Lower Upper
252 100
253 24.1 19.3 28.9
125 18.7 15.0 22.4

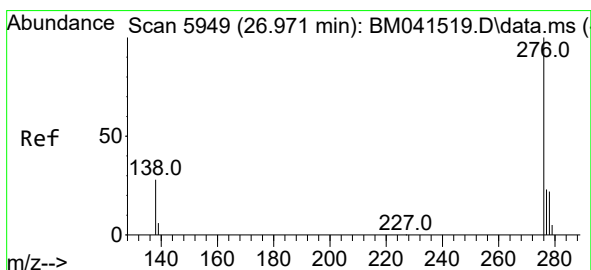
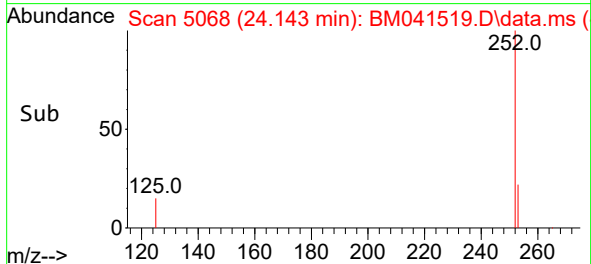
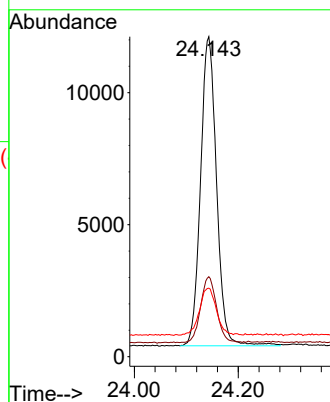
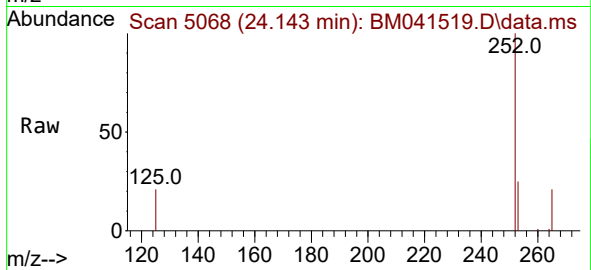




#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 24.143 min Scan# 5068
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

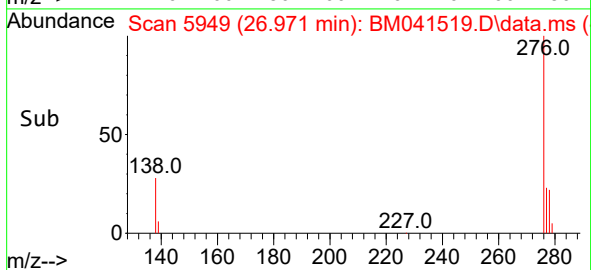
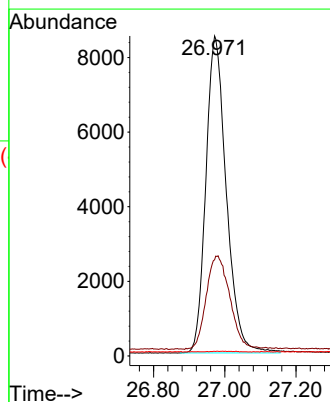
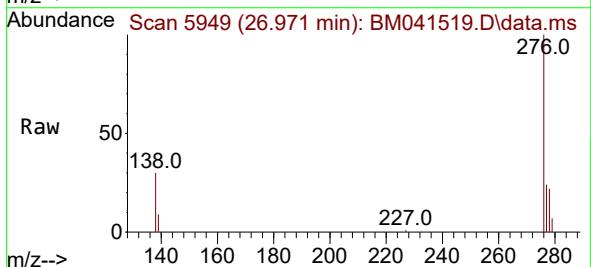
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

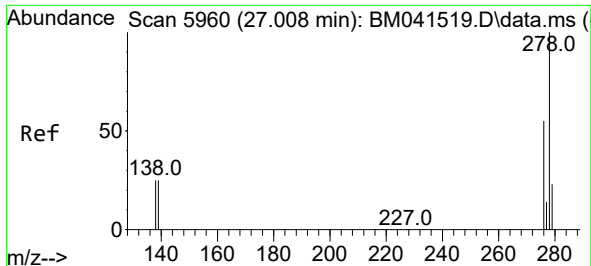
Tgt Ion:	252	Resp:	25044
Ion Ratio	Lower	Upper	
252	100		
253	25.0	20.0	30.0
125	21.4	17.1	25.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng/ul
RT: 26.971 min Scan# 5949
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

Tgt Ion:	276	Resp:	33862
Ion Ratio	Lower	Upper	
276	100		
138	34.1	27.3	40.9
227	0.0	0.0	0.0

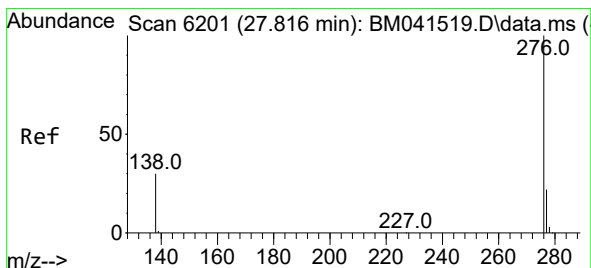
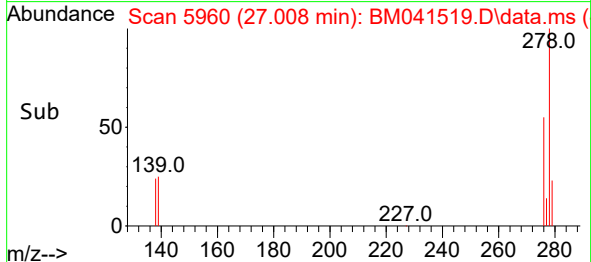
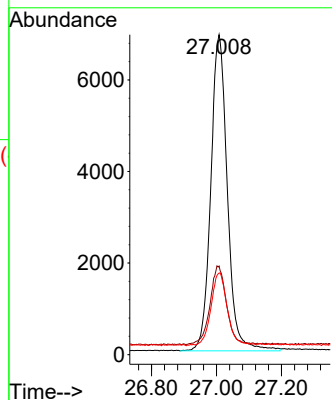
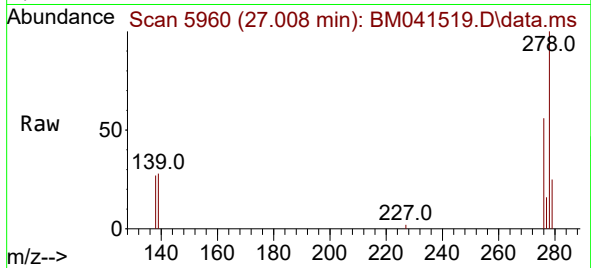




#28
Dibenzo(a,h)anthracene
Concen: 0.407 ng/ul
RT: 27.008 min Scan# 5960
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:278 Resp: 24414
Ion Ratio Lower Upper
278 100
139 27.7 22.2 33.2
279 25.5 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.415 ng/ul
RT: 27.816 min Scan# 6201
Delta R.T. 0.000 min
Lab File: BM041519.D
Acq: 28 Aug 2023 12:50

Tgt Ion:276 Resp: 28624
Ion Ratio Lower Upper
276 100
138 32.4 25.9 38.9
277 23.9 19.1 28.7

