

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092123\
 Data File : BM041966.D
 Acq On : 21 Sep 2023 20:35
 Operator : MA/JU
 Sample : PB155517BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS517

Quant Time: Sep 22 03:26:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:25:00 2023
 Response via : Initial Calibration

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

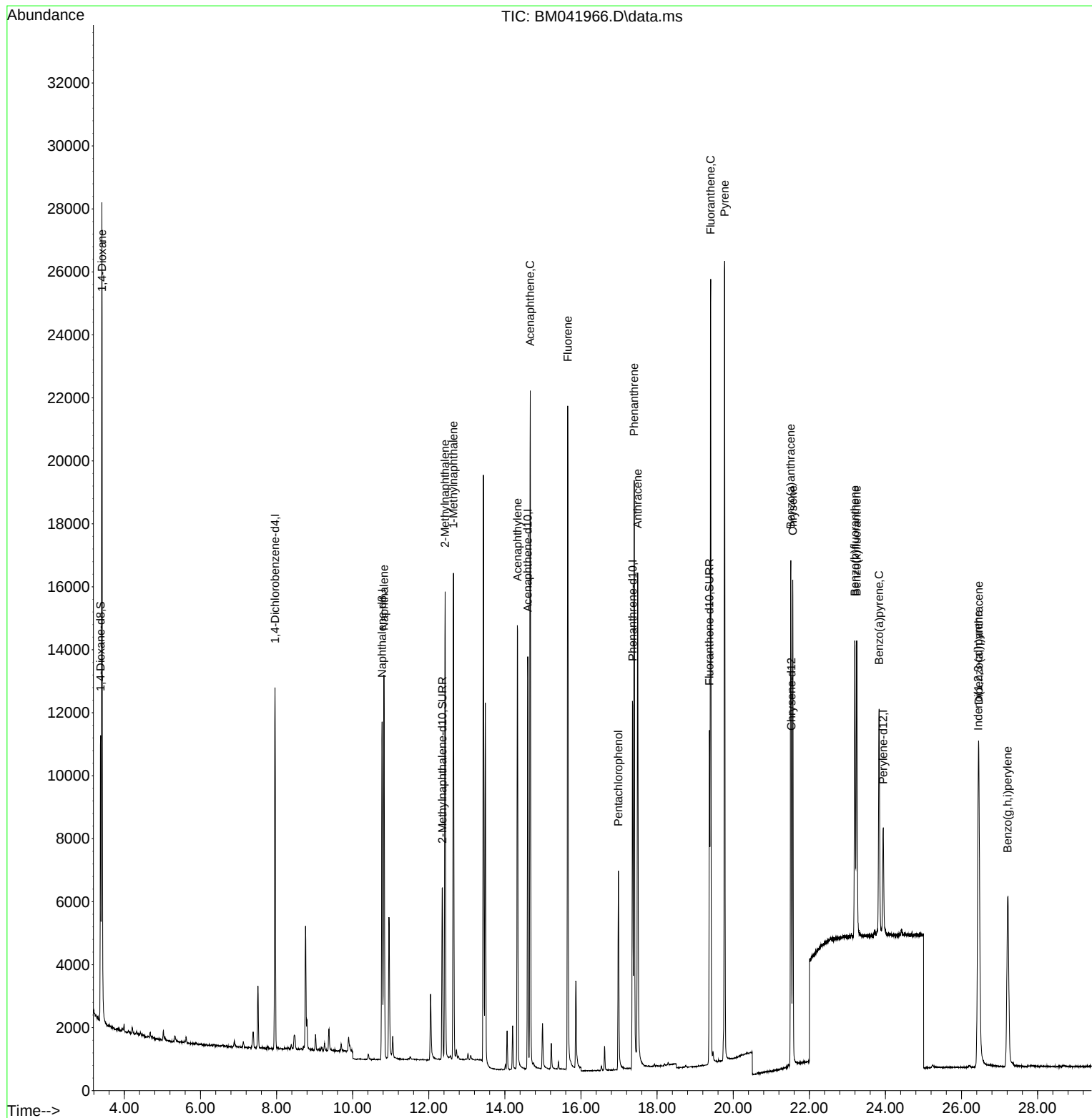
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	5744	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	13915	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	6865	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	13012	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	4821	0.400	ng/ul	# 0.00
23) Perylene-d12	23.942	264	4761	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	5181	0.770	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	7123	0.373	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	9530	0.536	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	15993	2.285	ng/ul#	80
5) Naphthalene	10.823	128	16695	0.364	ng/ul	100
7) 2-Methylnaphthalene	12.429	142	10502	0.361	ng/ul	99
8) 1-Methylnaphthalene	12.649	142	10304	0.349	ng/ul	100
10) Acenaphthylene	14.328	152	16912	0.359	ng/ul	100
11) Acenaphthene	14.666	153	12247	0.376	ng/ul	99
12) Fluorene	15.651	166	13688	0.360	ng/ul	99
14) Pentachlorophenol	16.982	266	4505	0.583	ng/ul	100
15) Phenanthrene	17.396	178	20881	0.396	ng/ul	99
16) Anthracene	17.489	178	18447	0.366	ng/ul	100
19) Fluoranthene	19.408	202	20757	0.573	ng/ul	97
20) Pyrene	19.775	202	21039	0.556	ng/ul	96
21) Benzo(a)anthracene	21.510	228	13112	0.437	ng/ul	99
22) Chrysene	21.565	228	13296	0.473	ng/ul	99
24) Benzo(b)fluoranthene	23.196	252	12519	0.463	ng/ul	95
25) Benzo(k)fluoranthene	23.246	252	12348	0.475	ng/ul	96
26) Benzo(a)pyrene	23.833	252	11265	0.494	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.438	276	14634	0.485	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.455	278	10802	0.480	ng/ul	98
29) Benzo(g,h,i)perylene	27.213	276	12466	0.505	ng/ul	94

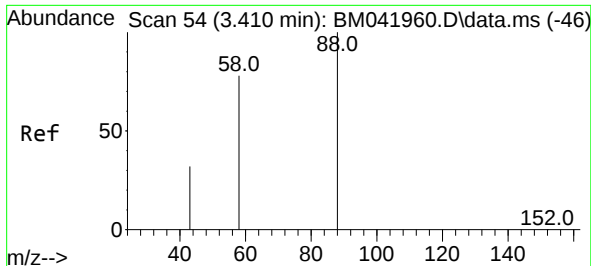
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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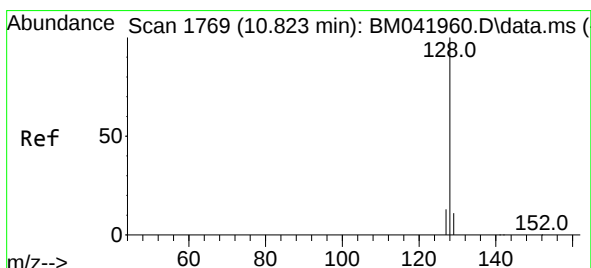
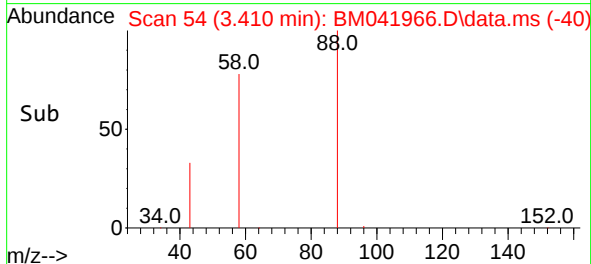
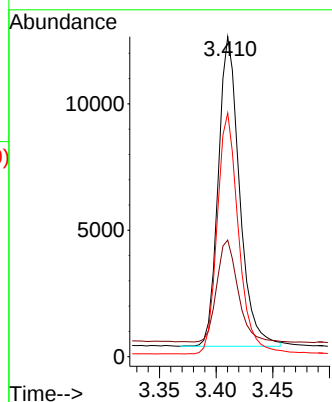
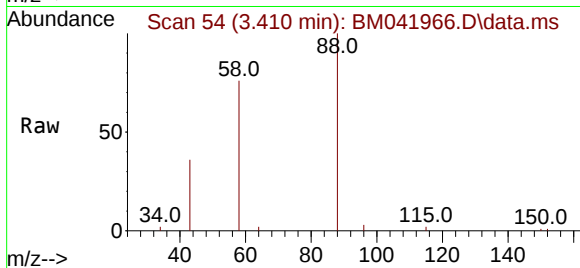




#2
1,4-Dioxane
Concen: 2.285 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. 0.000 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

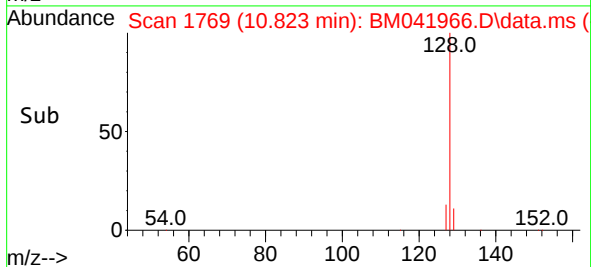
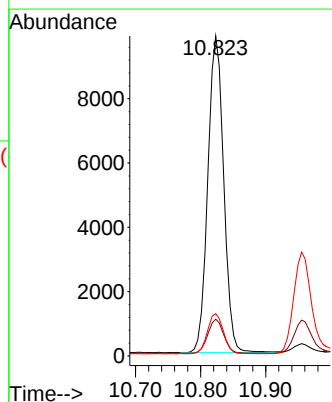
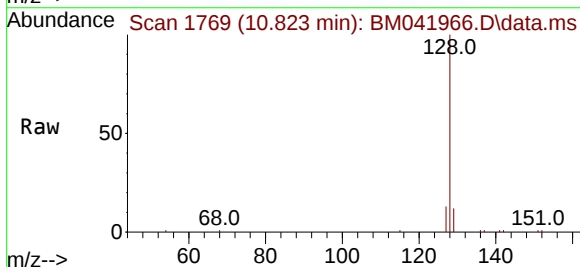
Instrument :
BNA_M
ClientSampleId :
SLCS517

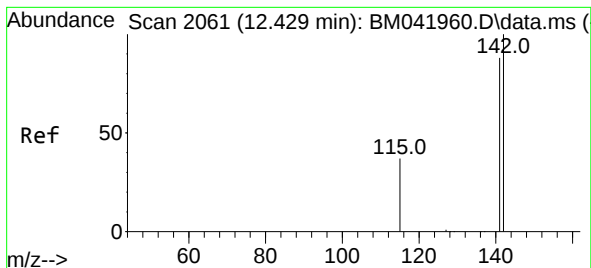
Tgt Ion: 88 Resp: 15993
Ion Ratio Lower Upper
88 100
43 36.5 51.0 76.4#
58 76.2 56.2 84.4



#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

Tgt Ion: 128 Resp: 16695
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.2 10.6 16.0

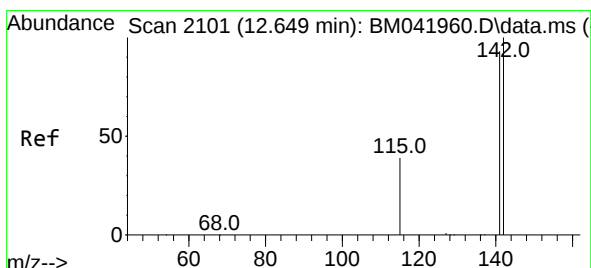
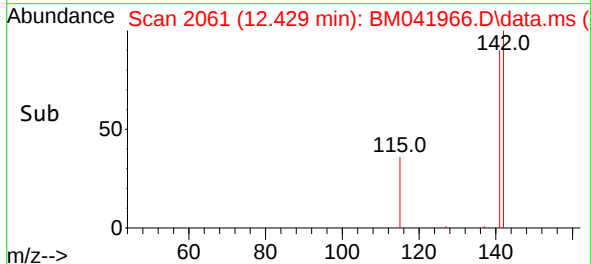
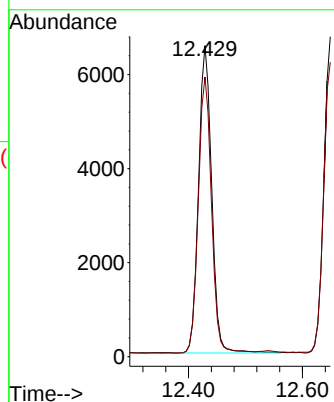
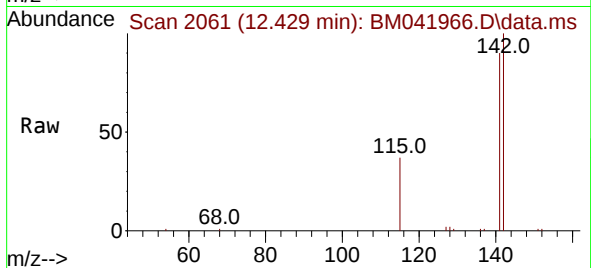




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.429 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

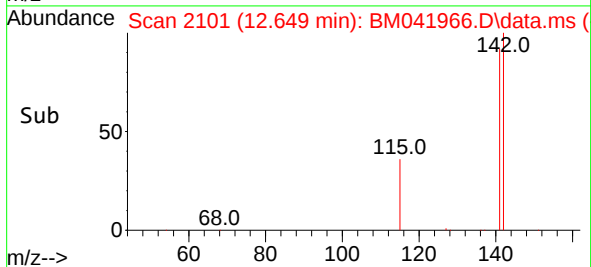
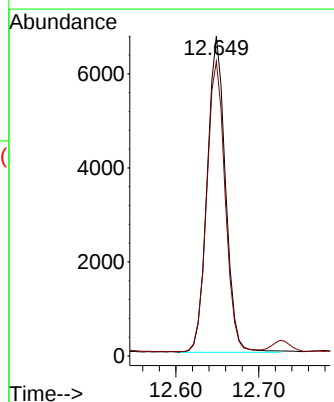
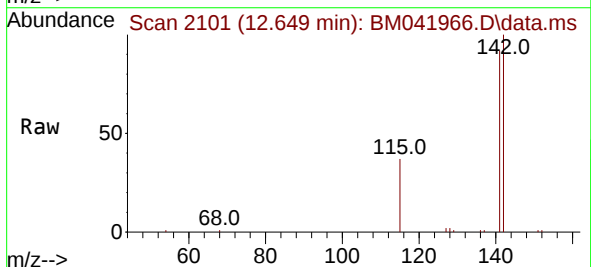
Instrument :
BNA_M
ClientSampleId :
SLCS517

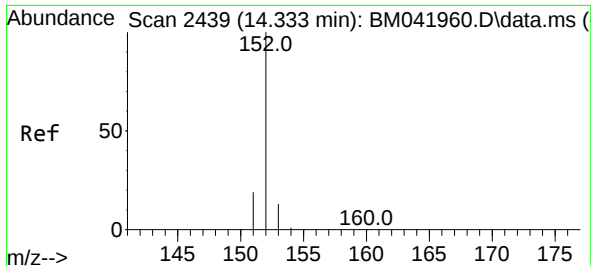
Tgt Ion:142 Resp: 10502
Ion Ratio Lower Upper
142 100
141 90.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

Tgt Ion:142 Resp: 10304
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9

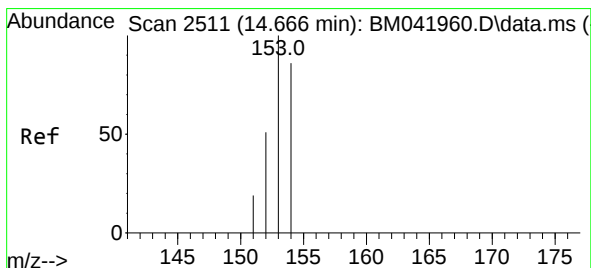
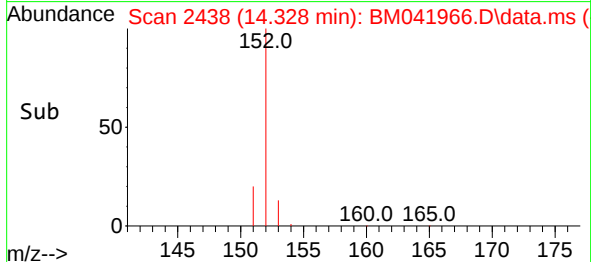
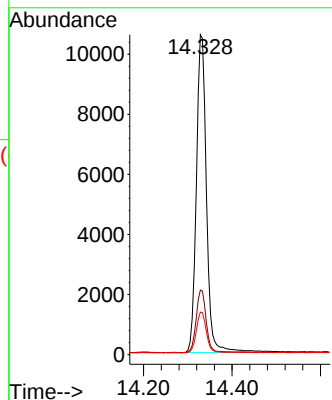
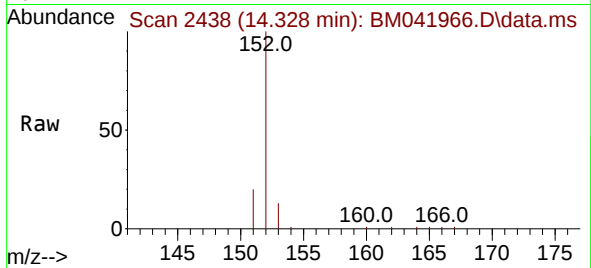




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

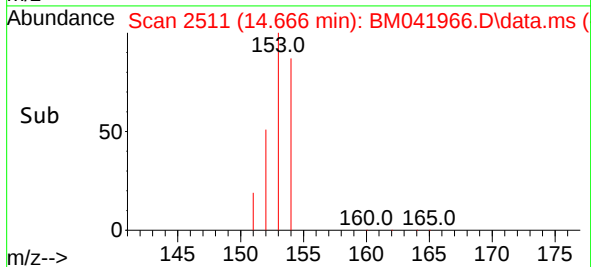
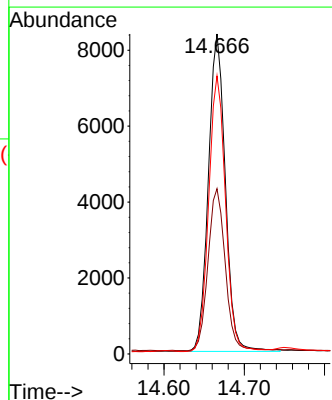
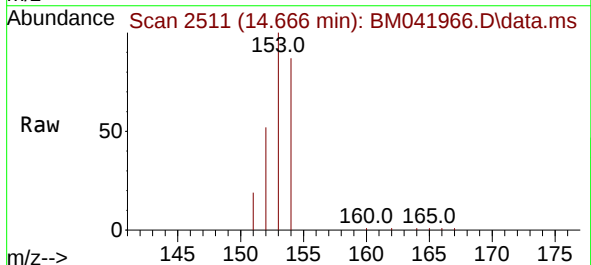
Instrument :
BNA_M
ClientSampleId :
SLCS517

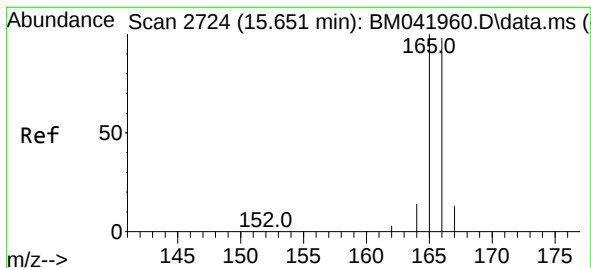
Tgt Ion:152 Resp: 16912
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

Tgt Ion:153 Resp: 12247
Ion Ratio Lower Upper
153 100
152 51.7 40.5 60.7
154 86.9 70.2 105.4





#12

Fluorene

Concen: 0.360 ng/ul

RT: 15.651 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041966.D

Acq: 21 Sep 2023 20:35

Instrument :

BNA_M

ClientSampleId :

SLCS517

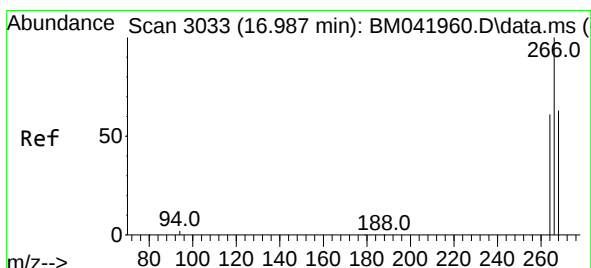
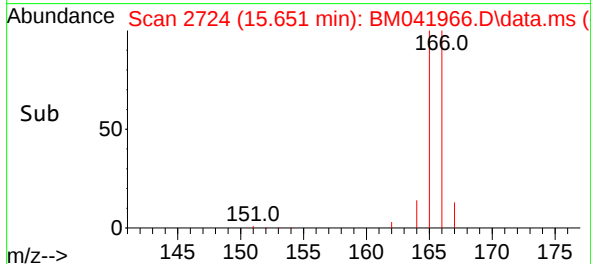
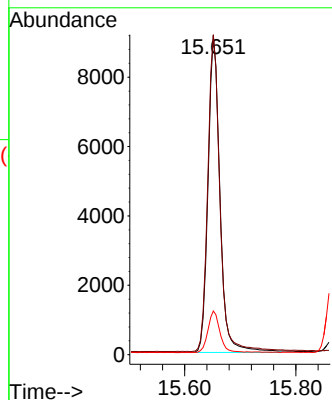
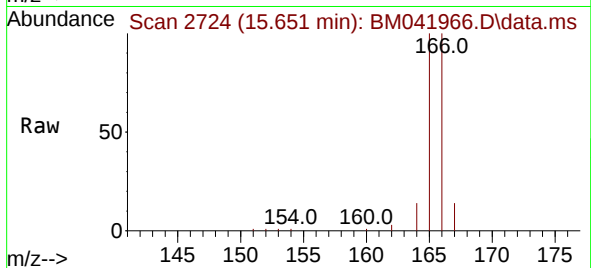
Tgt Ion:166 Resp: 13688

Ion Ratio Lower Upper

166 100

165 100.3 81.4 122.0

167 13.7 11.0 16.6



#14

Pentachlorophenol

Concen: 0.583 ng/ul

RT: 16.982 min Scan# 3032

Delta R.T. -0.004 min

Lab File: BM041966.D

Acq: 21 Sep 2023 20:35

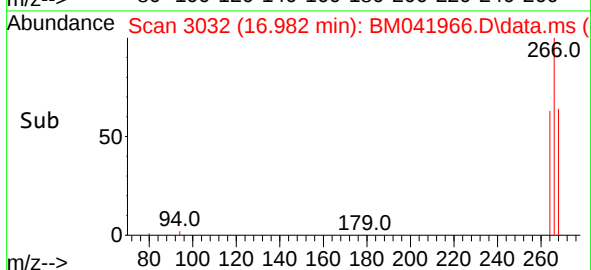
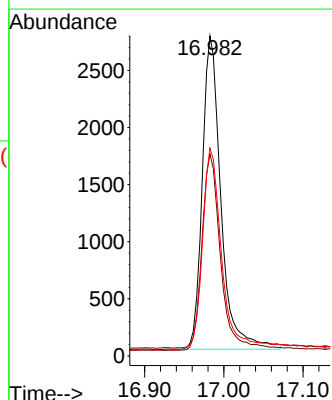
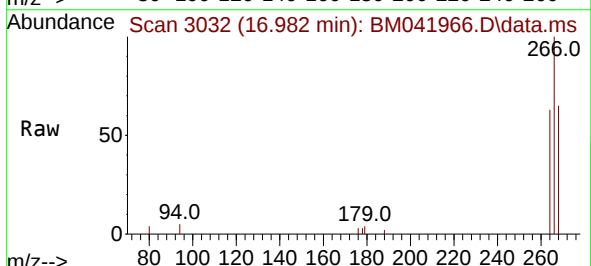
Tgt Ion:266 Resp: 4505

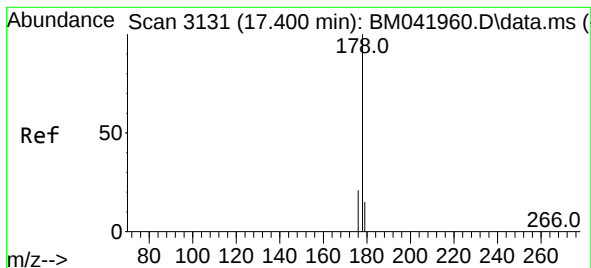
Ion Ratio Lower Upper

266 100

264 62.6 49.8 74.8

268 64.2 51.3 76.9





#15

Phenanthrene

Concen: 0.396 ng/ul

RT: 17.396 min Scan# 3131

Delta R.T. -0.004 min

Lab File: BM041966.D

Acq: 21 Sep 2023 20:35

Instrument :

BNA_M

ClientSampleId :

SLCS517

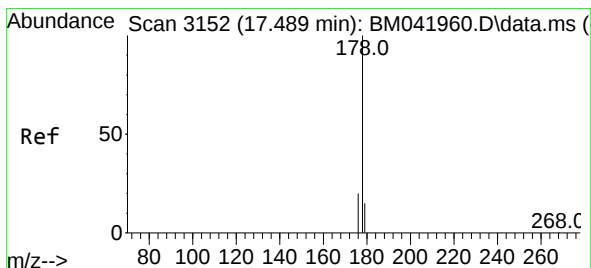
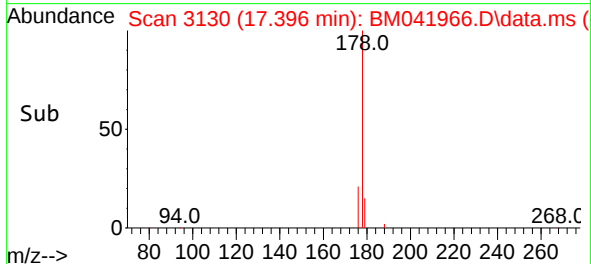
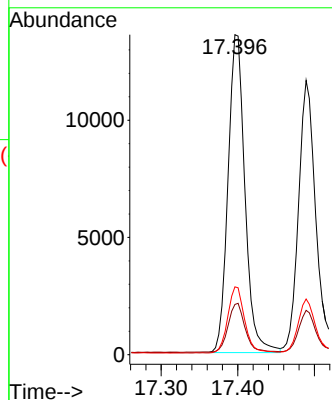
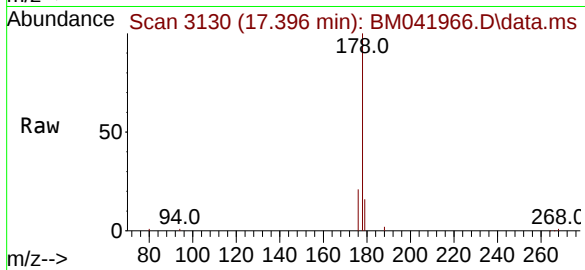
Tgt Ion:178 Resp: 20881

Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 21.2 16.1 24.1



#16

Anthracene

Concen: 0.366 ng/ul

RT: 17.489 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BM041966.D

Acq: 21 Sep 2023 20:35

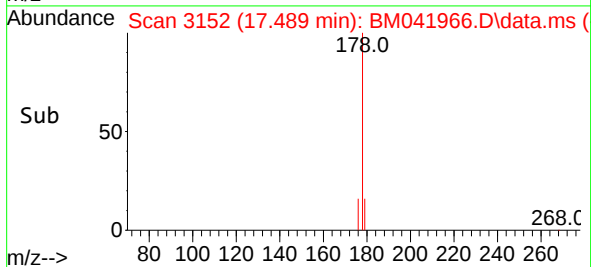
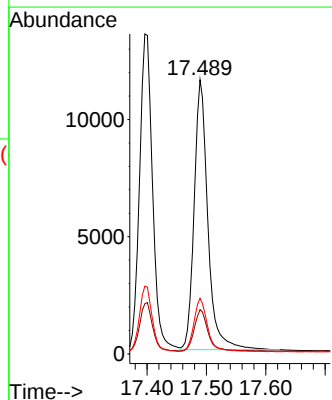
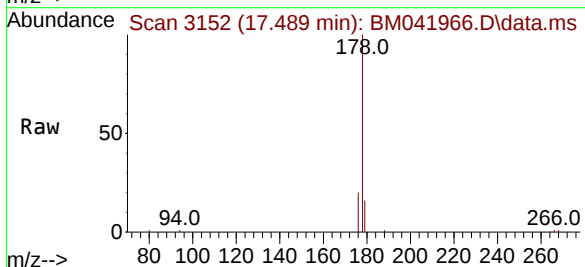
Tgt Ion:178 Resp: 18447

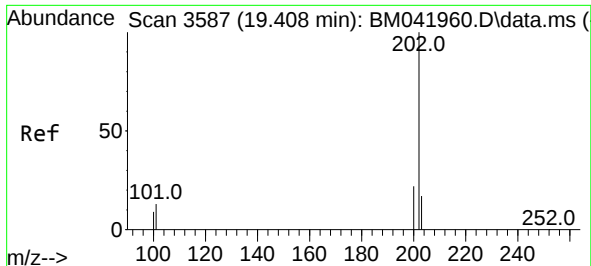
Ion Ratio Lower Upper

178 100

179 16.2 12.9 19.3

176 20.3 16.3 24.5

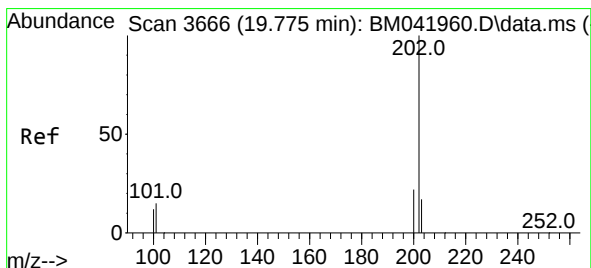
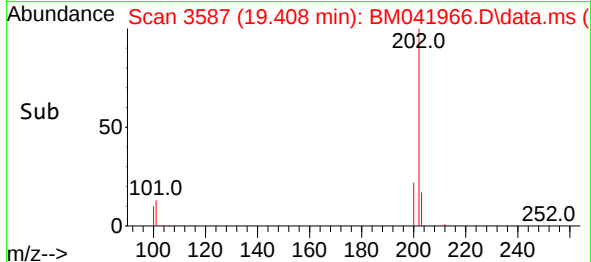
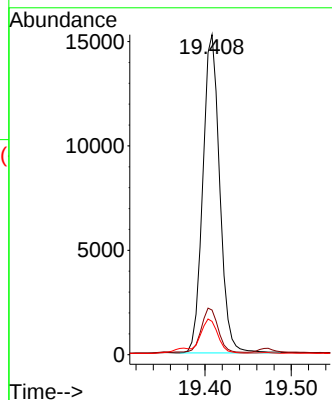
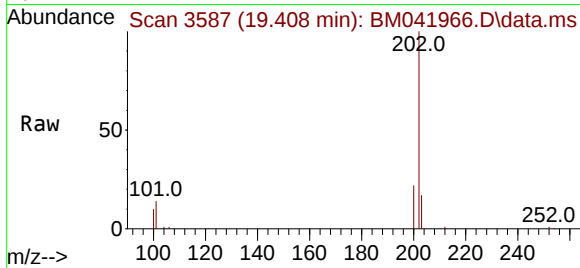




#19
Fluoranthene
Concen: 0.573 ng/u1
RT: 19.408 min Scan# 3587
Delta R.T. 0.000 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

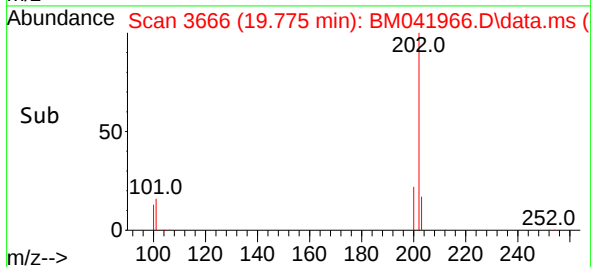
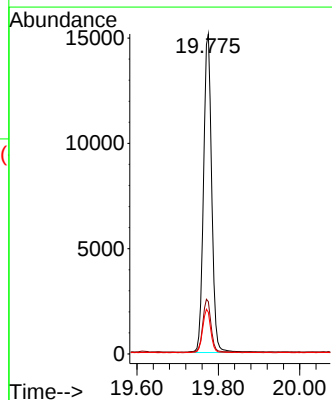
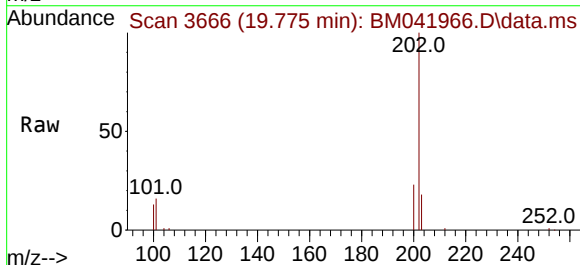
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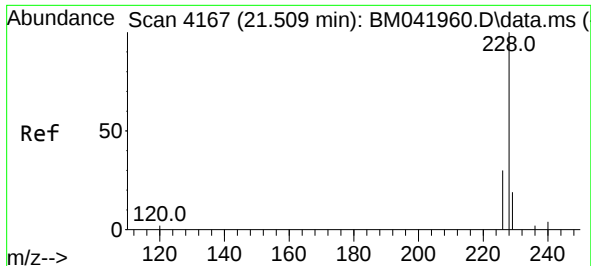
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.1	15.1
100	10.4	7.5	11.3



#20
Pyrene
Concen: 0.556 ng/u1
RT: 19.775 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.4	11.8	17.6
100	13.0	9.3	13.9

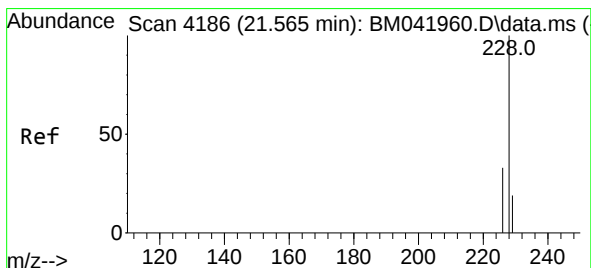
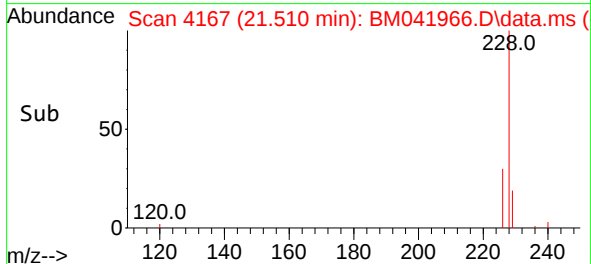
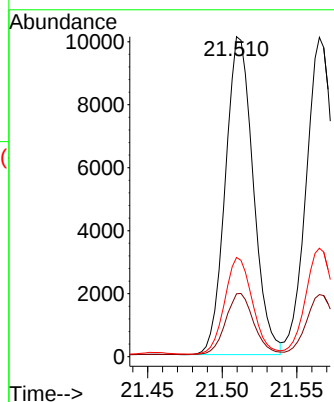
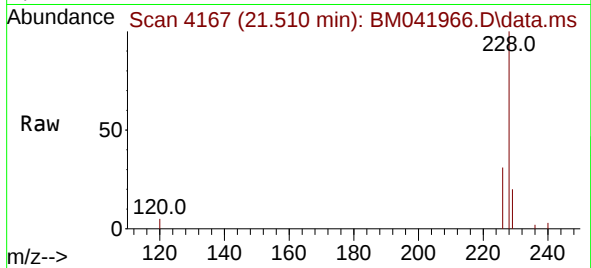




#21
Benzo(a)anthracene
Concen: 0.437 ng/ul
RT: 21.510 min Scan# 4167
Delta R.T. 0.000 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

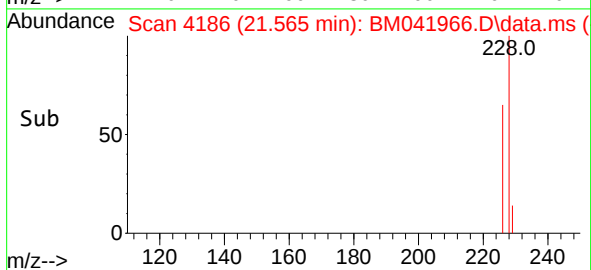
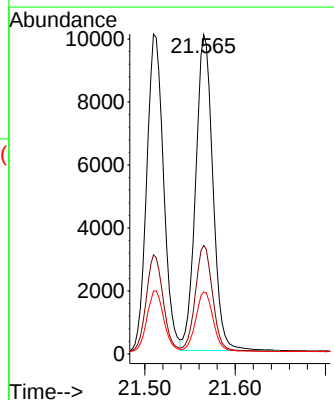
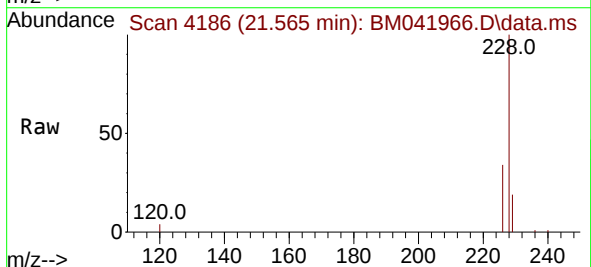
Instrument :
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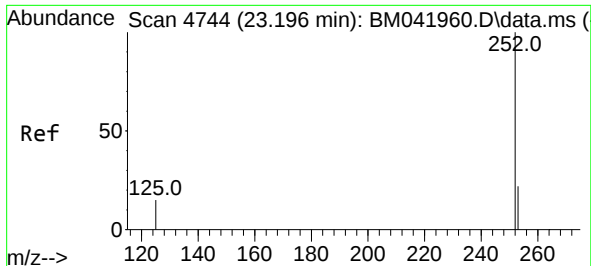
Tgt Ion:228 Resp: 13112
Ion Ratio Lower Upper
228 100
229 19.7 16.6 24.8
226 31.0 24.6 37.0



#22
Chrysene
Concen: 0.473 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. 0.000 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

Tgt Ion:228 Resp: 13296
Ion Ratio Lower Upper
228 100
226 34.0 27.3 40.9
229 19.4 16.6 25.0

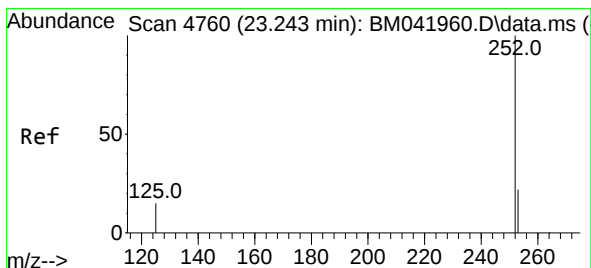
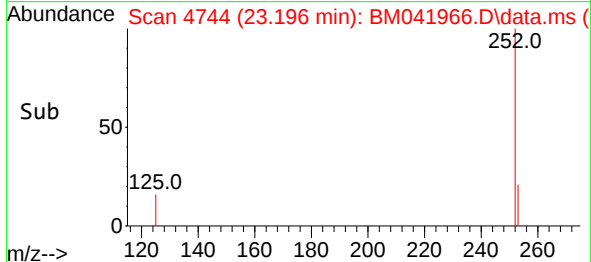
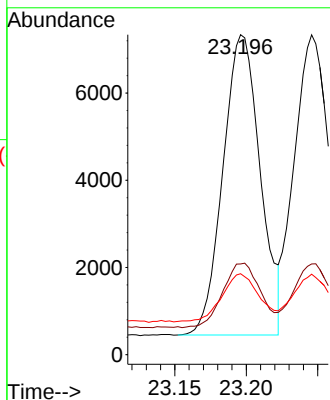
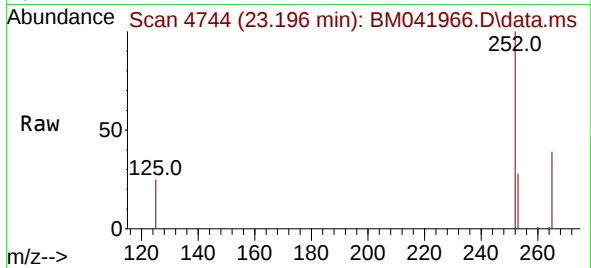




#24
Benzo(b)fluoranthene
Concen: 0.463 ng/ul
RT: 23.196 min Scan# 4744
Delta R.T. 0.000 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

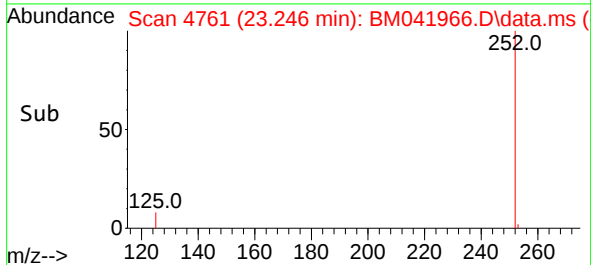
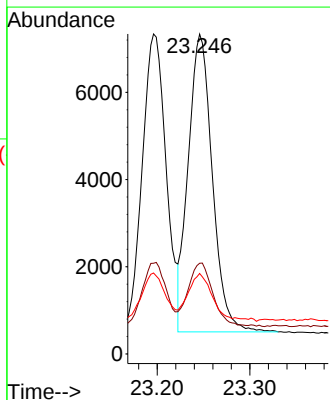
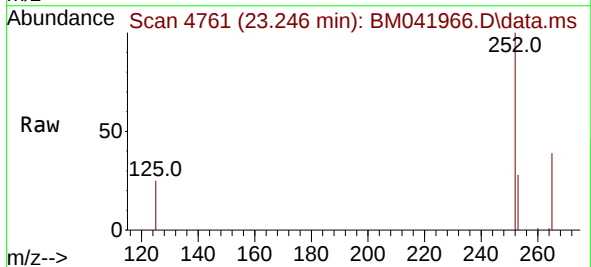
Instrument :
BNA_M
ClientSampleId :
SLCS517

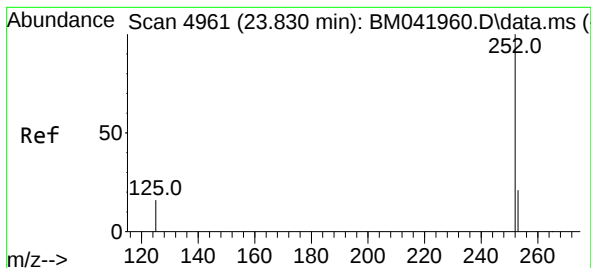
Tgt Ion:252 Resp: 12519
Ion Ratio Lower Upper
252 100
253 28.3 0.0 54.6
125 25.3 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.475 ng/ul
RT: 23.246 min Scan# 4761
Delta R.T. 0.003 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

Tgt Ion:252 Resp: 12348
Ion Ratio Lower Upper
252 100
253 28.4 21.8 32.8
125 25.2 17.4 26.2





#26

Benzo(a)pyrene

Concen: 0.494 ng/ul

RT: 23.833 min Scan# 4961

Delta R.T. 0.003 min

Lab File: BM041966.D

Acq: 21 Sep 2023 20:35

Instrument :

BNA_M

ClientSampleId :

SLCS517

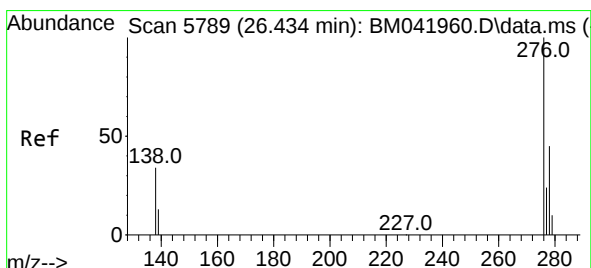
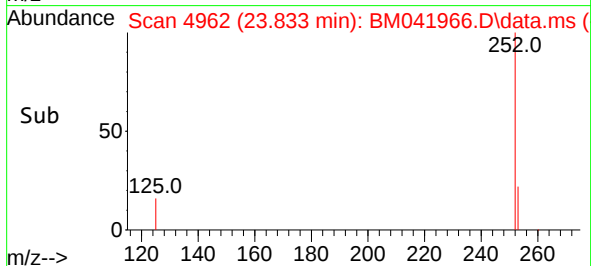
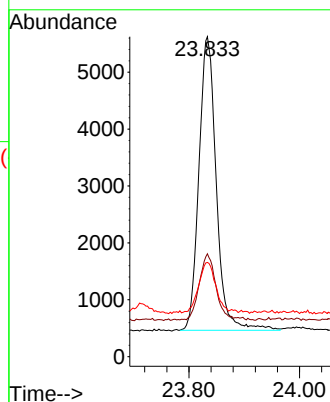
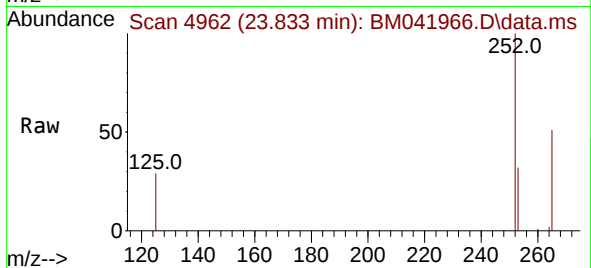
Tgt Ion:252 Resp: 11265

Ion Ratio Lower Upper

252 100

253 32.1 23.0 34.4

125 29.4 19.9 29.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.485 ng/ul

RT: 26.438 min Scan# 5790

Delta R.T. 0.003 min

Lab File: BM041966.D

Acq: 21 Sep 2023 20:35

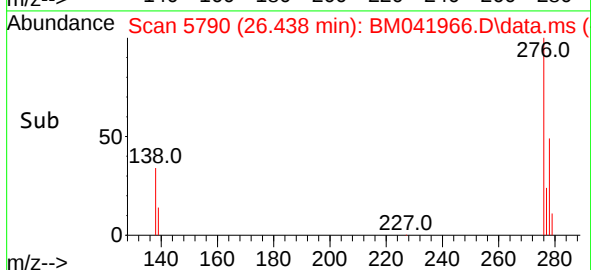
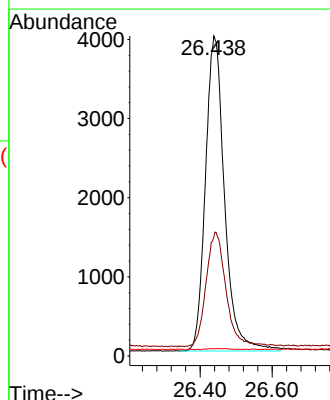
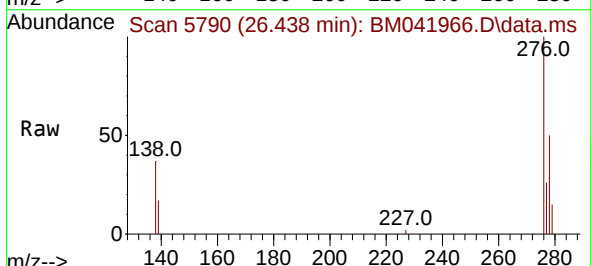
Tgt Ion:276 Resp: 14634

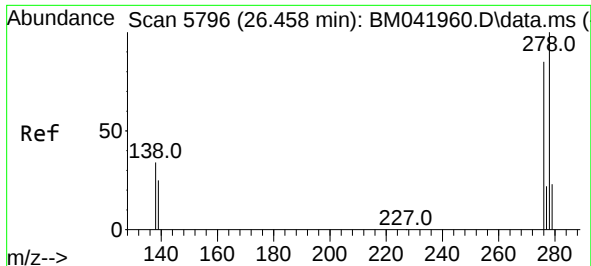
Ion Ratio Lower Upper

276 100

138 38.3 26.7 40.1

227 0.2 0.0 0.0#

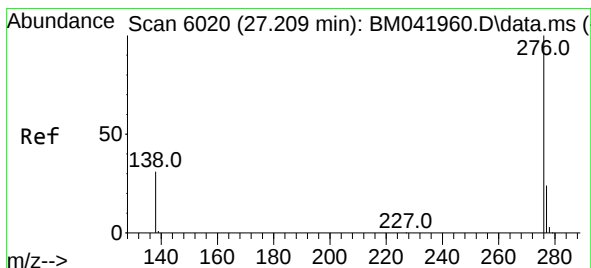
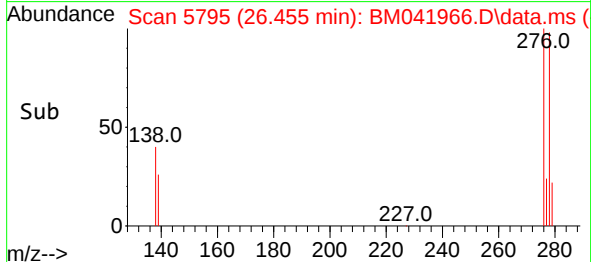
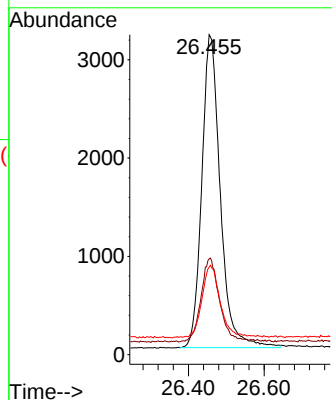
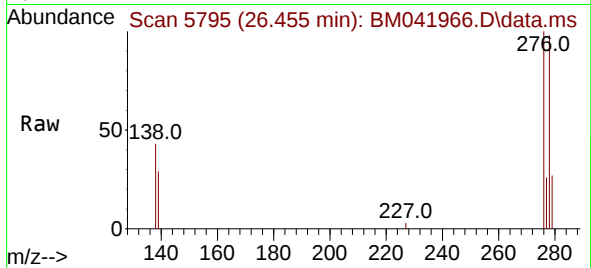




#28
Dibenzo(a,h)anthracene
Concen: 0.480 ng/ul
RT: 26.455 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

Instrument :
BNA_M
ClientSampleId :
SLCS517

Tgt Ion:278 Resp: 10802
Ion Ratio Lower Upper
278 100
139 29.9 22.6 33.8
279 27.3 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.505 ng/ul
RT: 27.213 min Scan# 6021
Delta R.T. 0.003 min
Lab File: BM041966.D
Acq: 21 Sep 2023 20:35

Tgt Ion:276 Resp: 12466
Ion Ratio Lower Upper
276 100
138 35.2 24.9 37.3
277 24.9 21.4 32.0

