

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092123\
 Data File : BM041976.D
 Acq On : 22 Sep 2023 02:39
 Operator : MA/JU
 Sample : PB155506BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS506

Quant Time: Sep 22 03:29:09 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)

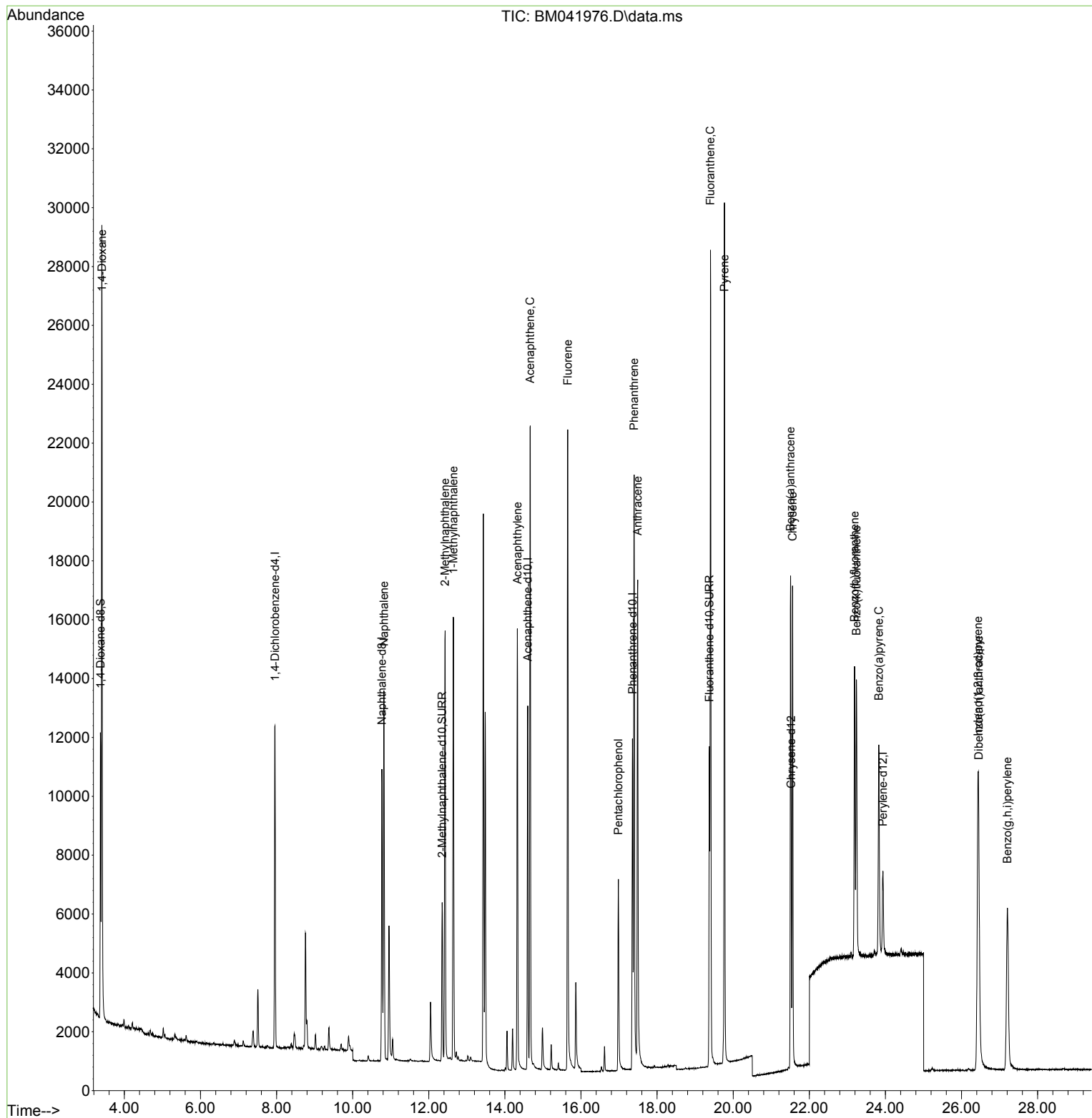
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	5514	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	12830	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	6361	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	12496	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.524	240	4238	0.400	ng/ul	# 0.00
23) Perylene-d12	23.936	264	4053	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	5521	0.854	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	7023	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	9655	0.617	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	16990	2.528	ng/ul#	80
5) Naphthalene	10.823	128	17076	0.404	ng/ul	100
7) 2-Methylnaphthalene	12.429	142	10760	0.402	ng/ul	99
8) 1-Methylnaphthalene	12.649	142	10403	0.382	ng/ul	99
10) Acenaphthylene	14.328	152	17684	0.405	ng/ul	99
11) Acenaphthene	14.661	153	12914	0.428	ng/ul	97
12) Fluorene	15.651	166	14780	0.419	ng/ul	99
14) Pentachlorophenol	16.982	266	4741	0.639	ng/ul	100
15) Phenanthrene	17.396	178	22848	0.451	ng/ul	99
16) Anthracene	17.489	178	20213	0.418	ng/ul	100
19) Fluoranthene	19.403	202	22947	0.720	ng/ul#	93
20) Pyrene	19.771	202	22992	0.691	ng/ul	94
21) Benzo(a)anthracene	21.507	228	13654	0.518	ng/ul	99
22) Chrysene	21.559	228	13916	0.564	ng/ul	98
24) Benzo(b)fluoranthene	23.187	252	12683	0.551	ng/ul	96
25) Benzo(k)fluoranthene	23.240	252	12812	0.579	ng/ul	96
26) Benzo(a)pyrene	23.827	252	11345	0.585	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.431	276	14859	0.578	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.451	278	10901	0.569	ng/ul	96
29) Benzo(g,h,i)perylene	27.206	276	12635	0.601	ng/ul#	92

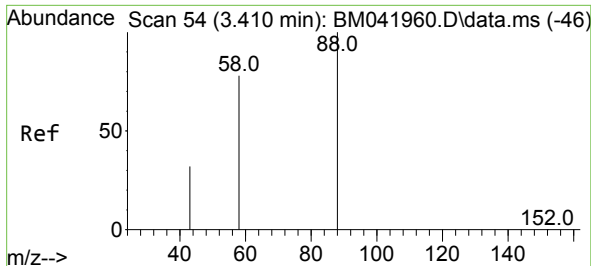
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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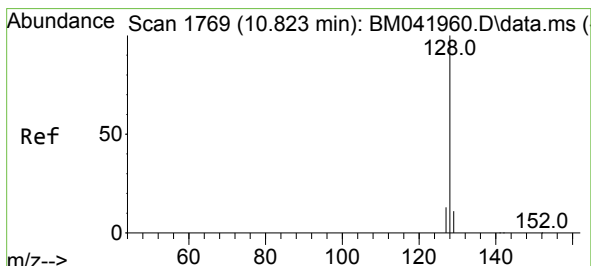
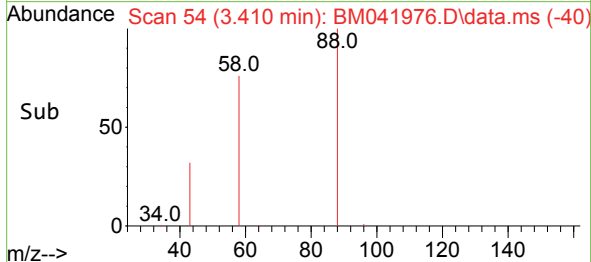
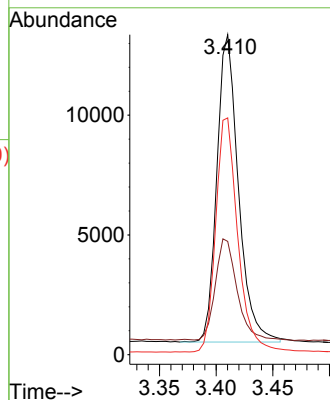
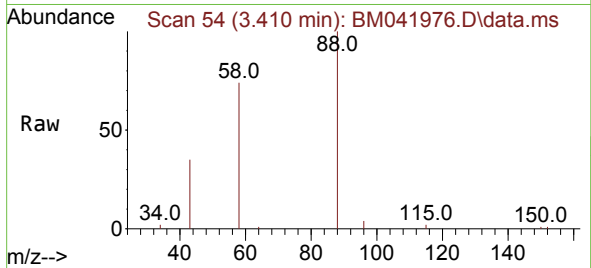




#2
1,4-Dioxane
Concen: 2.528 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. 0.000 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

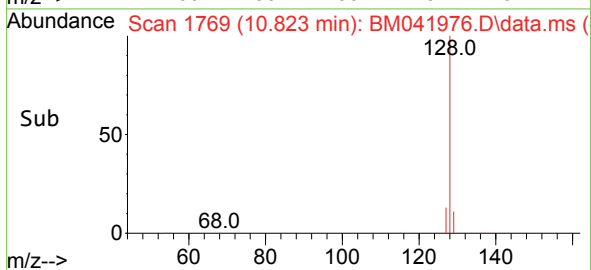
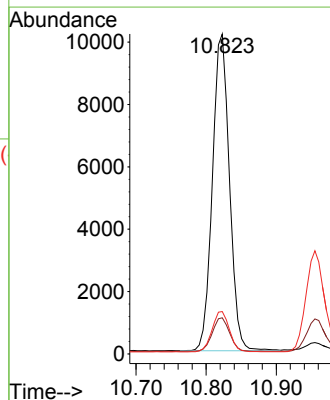
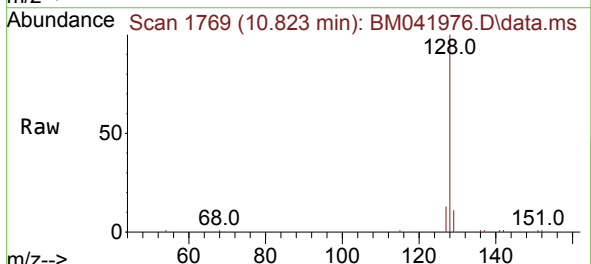
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BNA_M
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SLCS506

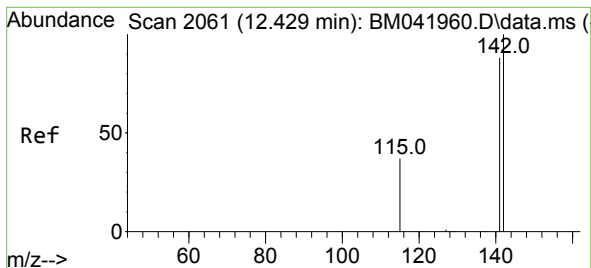
Tgt Ion: 88 Resp: 16990
Ion Ratio Lower Upper
88 100
43 35.4 51.0 76.4#
58 74.0 56.2 84.4



#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

Tgt Ion: 128 Resp: 17076
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.6 16.0

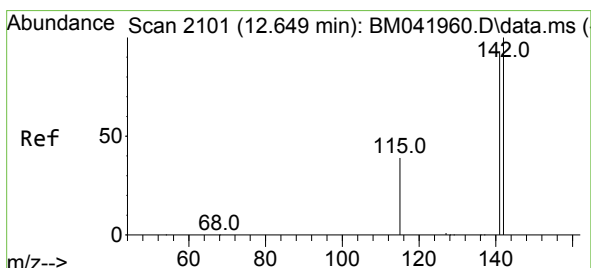
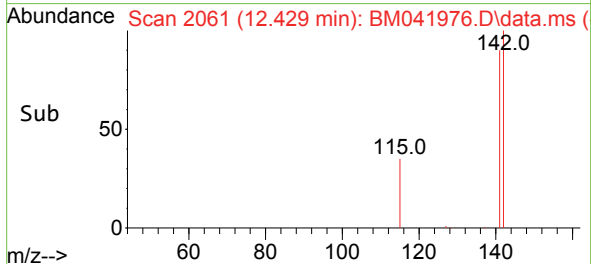
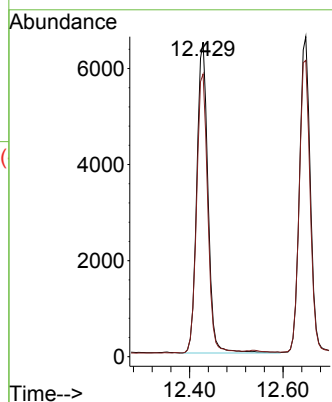
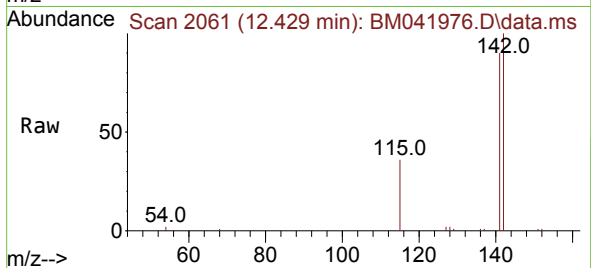




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.429 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

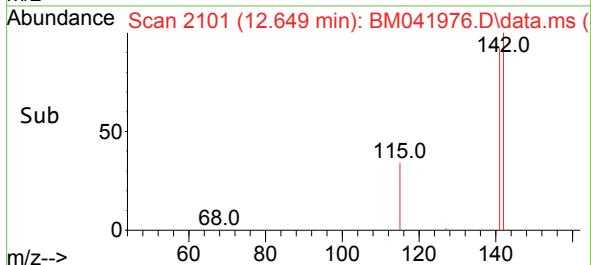
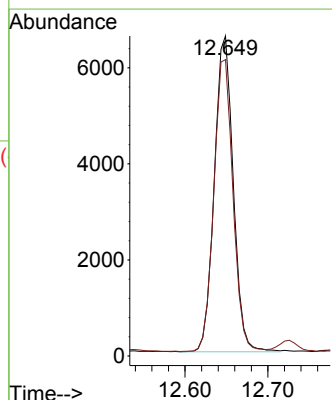
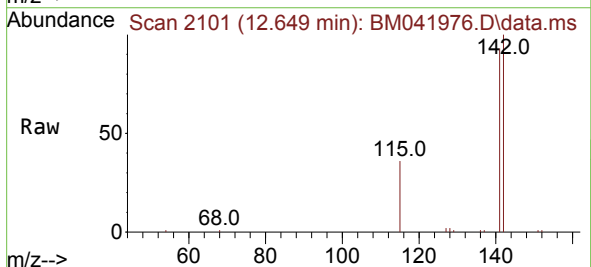
Instrument :
BNA_M
ClientSampleId :
SLCS506

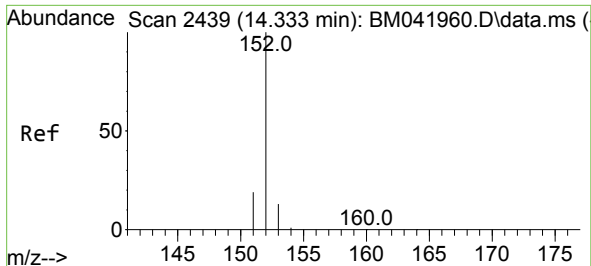
Tgt Ion:142 Resp: 10760
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

Tgt Ion:142 Resp: 10403
Ion Ratio Lower Upper
142 100
141 93.7 73.9 110.9

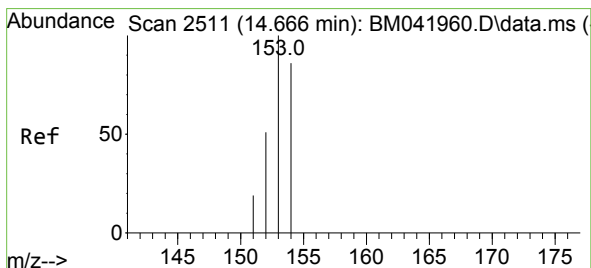
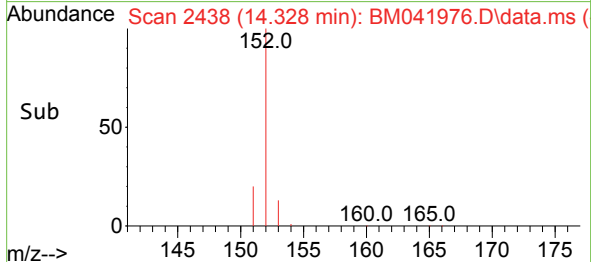
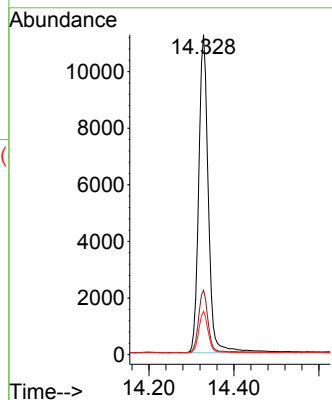
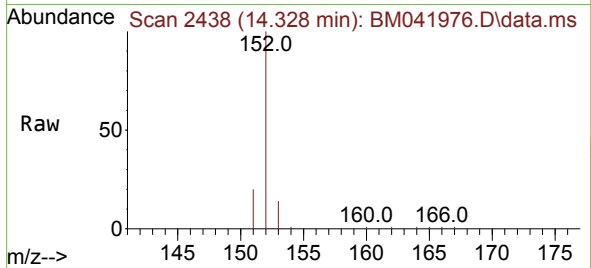




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

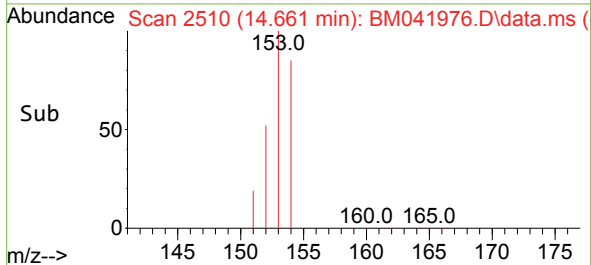
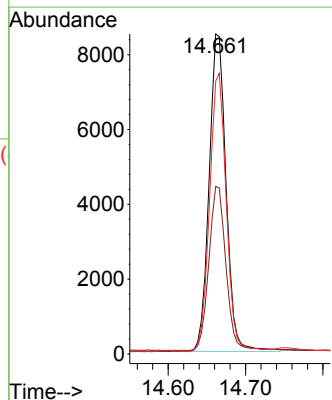
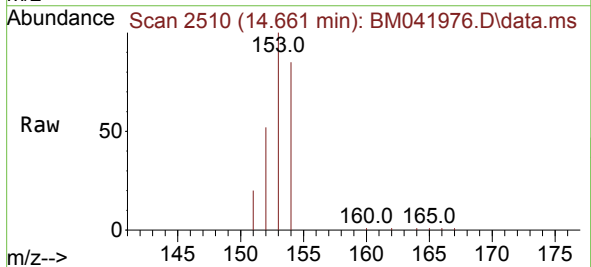
Instrument :
BNA_M
ClientSampleId :
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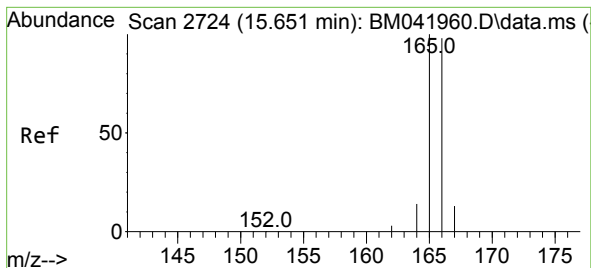
Tgt Ion:152 Resp: 17684
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.6 10.6 16.0



#11
Acenaphthene
Concen: 0.428 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.005 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

Tgt Ion:153 Resp: 12914
Ion Ratio Lower Upper
153 100
152 52.3 40.5 60.7
154 85.2 70.2 105.4





#12

Fluorene

Concen: 0.419 ng/ul

RT: 15.651 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041976.D

Acq: 22 Sep 2023 02:39

Instrument :

BNA_M

ClientSampleId :

SLCS506

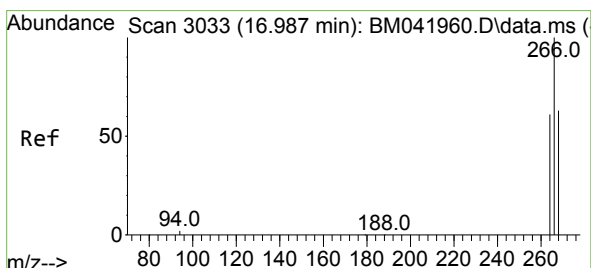
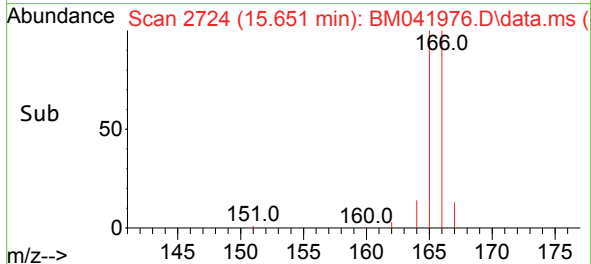
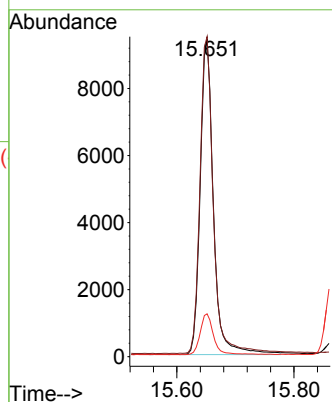
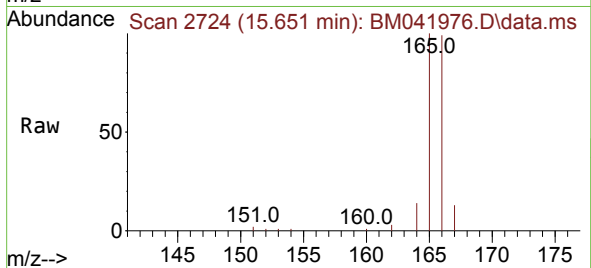
Tgt Ion:166 Resp: 14780

Ion Ratio Lower Upper

166 100

165 100.8 81.4 122.0

167 13.5 11.0 16.6



#14

Pentachlorophenol

Concen: 0.639 ng/ul

RT: 16.982 min Scan# 3032

Delta R.T. -0.004 min

Lab File: BM041976.D

Acq: 22 Sep 2023 02:39

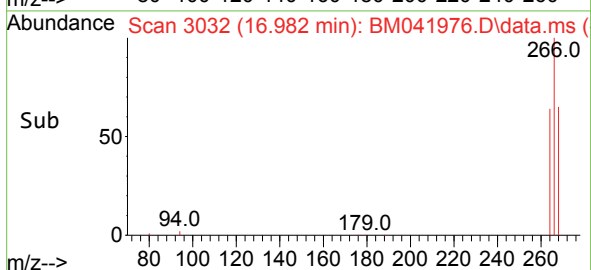
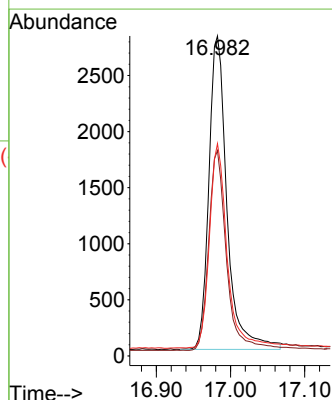
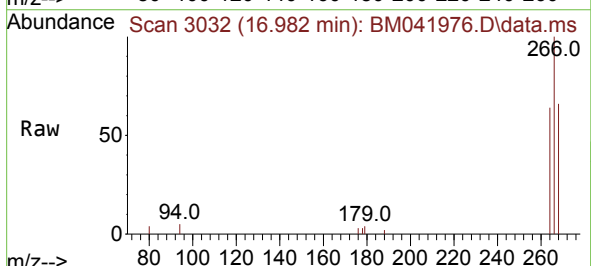
Tgt Ion:266 Resp: 4741

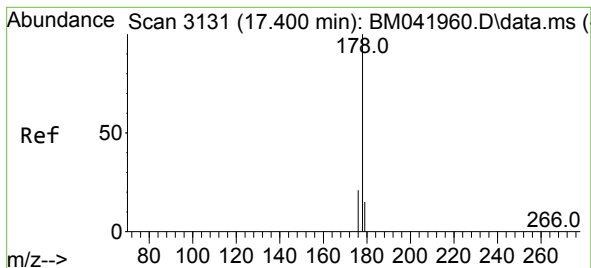
Ion Ratio Lower Upper

266 100

264 62.7 49.8 74.8

268 64.4 51.3 76.9





#15

Phenanthrene

Concen: 0.451 ng/ul

RT: 17.396 min Scan# 3131

Delta R.T. -0.004 min

Lab File: BM041976.D

Acq: 22 Sep 2023 02:39

Instrument :

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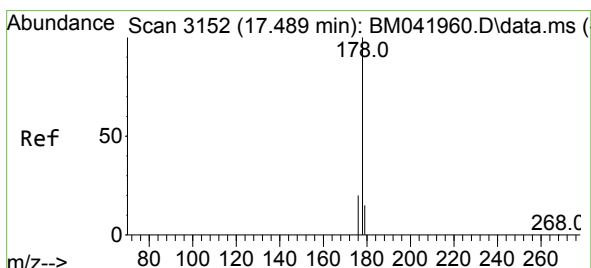
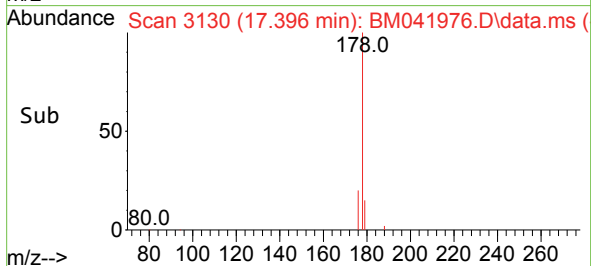
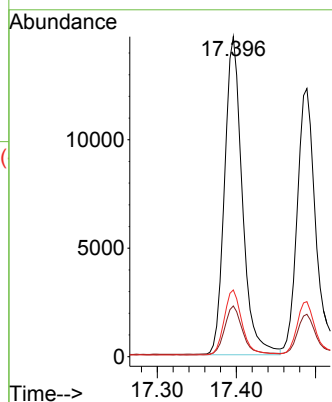
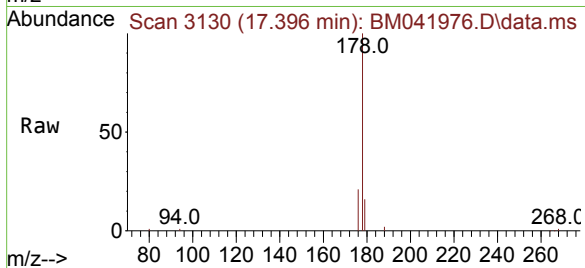
Tgt Ion:178 Resp: 22848

Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

176 20.8 16.1 24.1



#16

Anthracene

Concen: 0.418 ng/ul

RT: 17.489 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BM041976.D

Acq: 22 Sep 2023 02:39

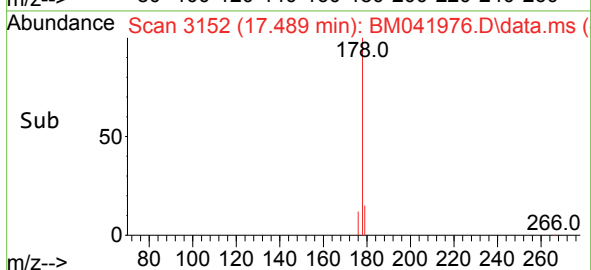
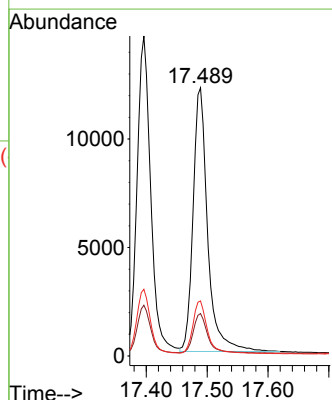
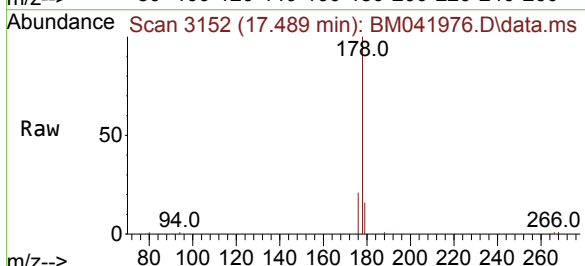
Tgt Ion:178 Resp: 20213

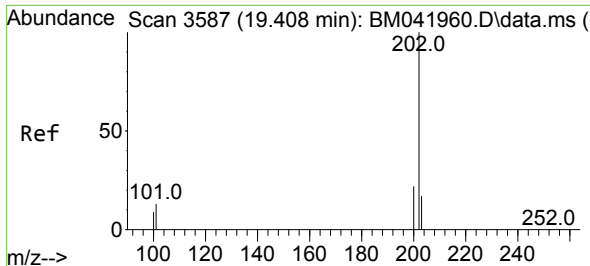
Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 20.5 16.3 24.5

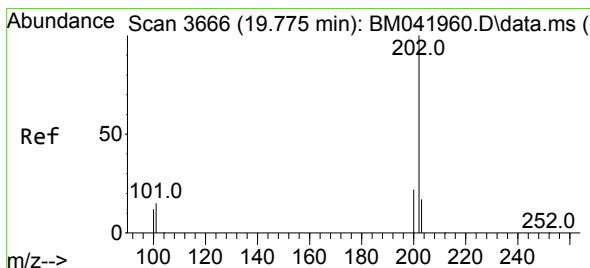
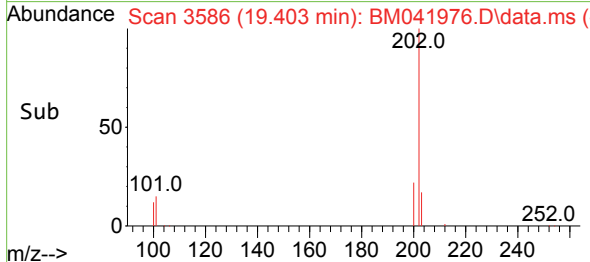
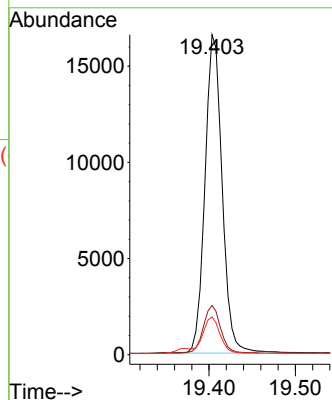
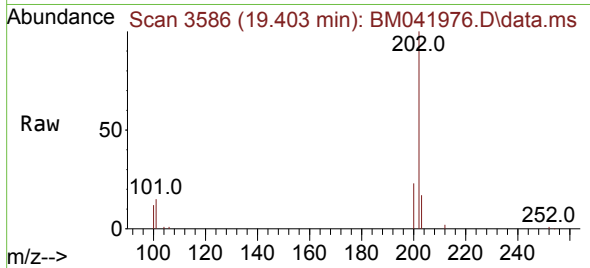




#19
Fluoranthene
Concen: 0.720 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

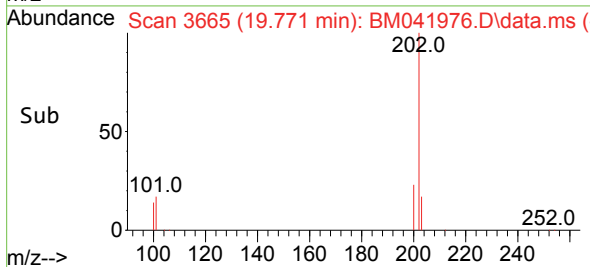
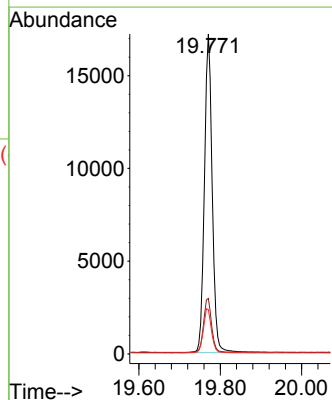
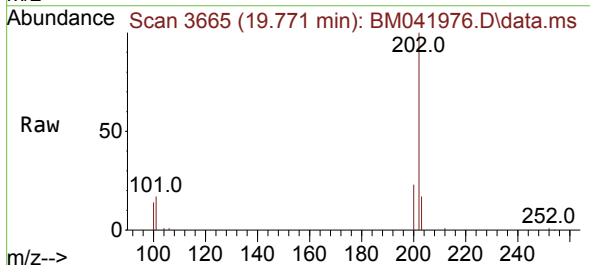
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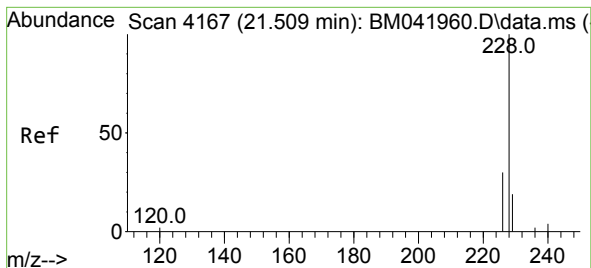
Tgt Ion:202 Resp: 22947
Ion Ratio Lower Upper
202 100
101 15.4 10.1 15.1#
100 11.8 7.5 11.3#



#20
Pyrene
Concen: 0.691 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

Tgt Ion:202 Resp: 22992
Ion Ratio Lower Upper
202 100
101 17.3 11.8 17.6
100 13.9 9.3 13.9





#21

Benzo(a)anthracene

Concen: 0.518 ng/ul

RT: 21.507 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM041976.D

Acq: 22 Sep 2023 02:39

Instrument :

BNA_M

ClientSampleId :

SLCS506

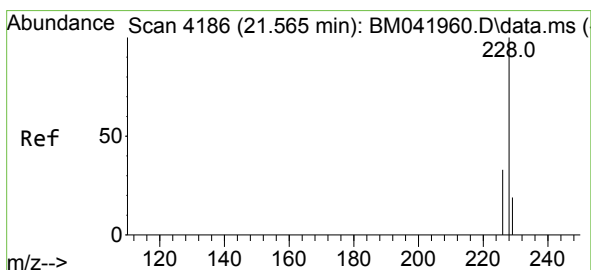
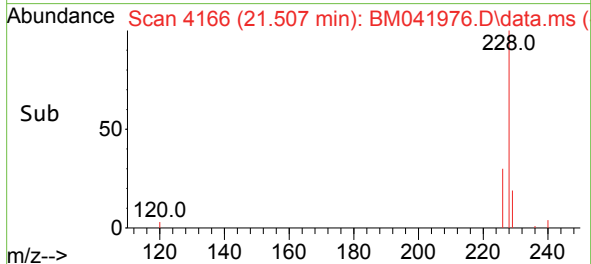
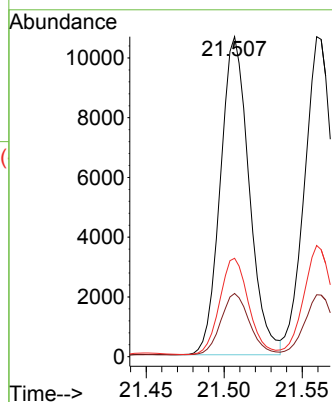
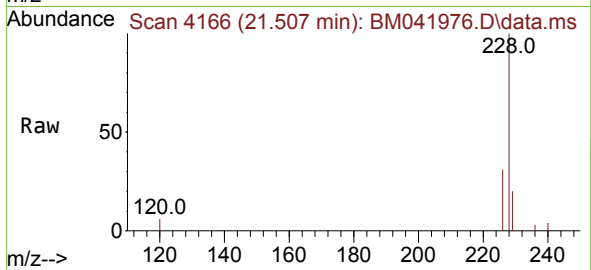
Tgt Ion:228 Resp: 13654

Ion Ratio Lower Upper

228 100

229 19.8 16.6 24.8

226 30.7 24.6 37.0



#22

Chrysene

Concen: 0.564 ng/ul

RT: 21.559 min Scan# 4184

Delta R.T. -0.006 min

Lab File: BM041976.D

Acq: 22 Sep 2023 02:39

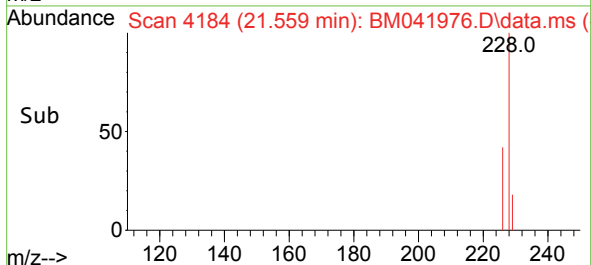
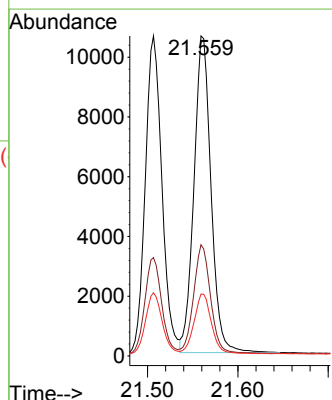
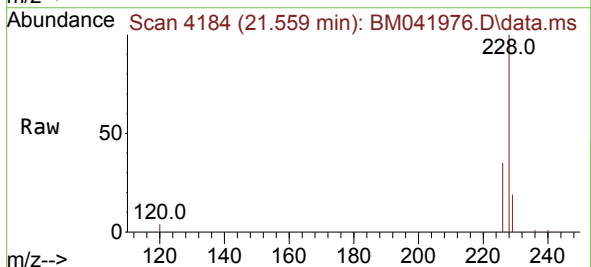
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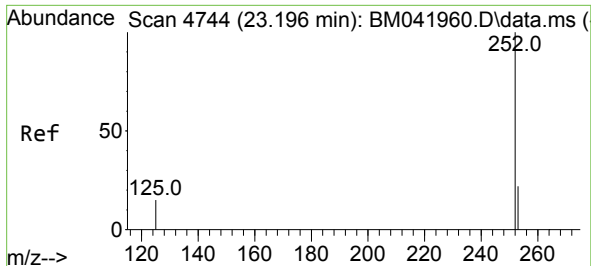
Ion Ratio Lower Upper

228 100

226 34.7 27.3 40.9

229 19.4 16.6 25.0

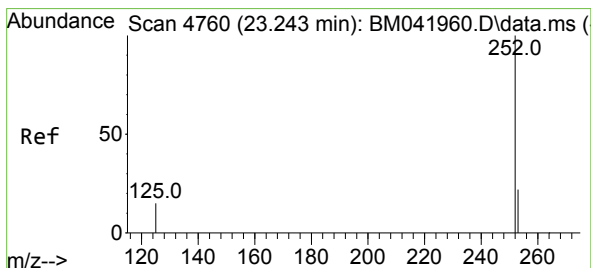
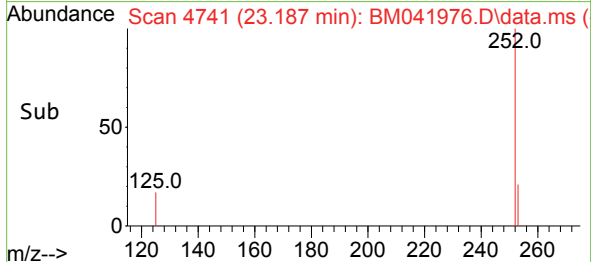
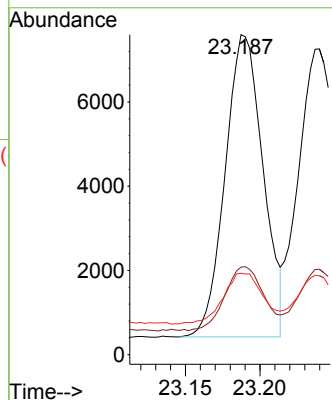
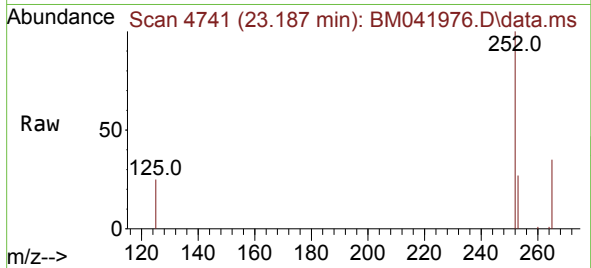




#24
Benzo(b)fluoranthene
Concen: 0.551 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

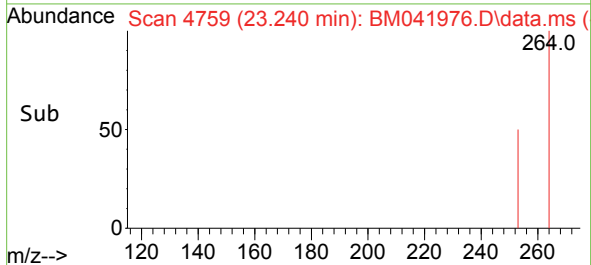
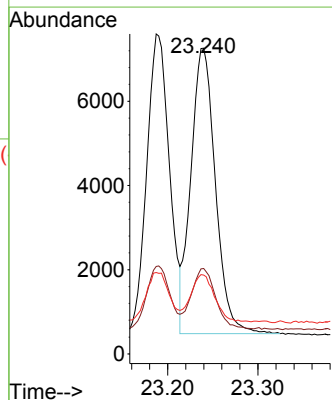
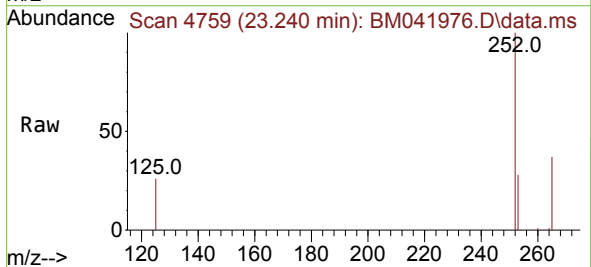
Instrument :
BNA_M
ClientSampleId :
SLCS506

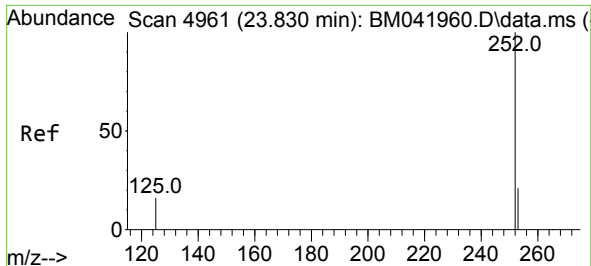
Tgt Ion:252 Resp: 12683
Ion Ratio Lower Upper
252 100
253 27.4 0.0 54.6
125 25.4 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.579 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. -0.003 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

Tgt Ion:252 Resp: 12812
Ion Ratio Lower Upper
252 100
253 27.9 21.8 32.8
125 25.8 17.4 26.2

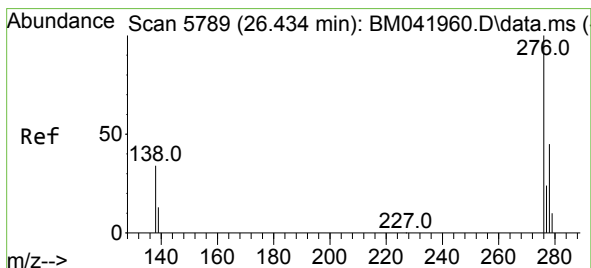
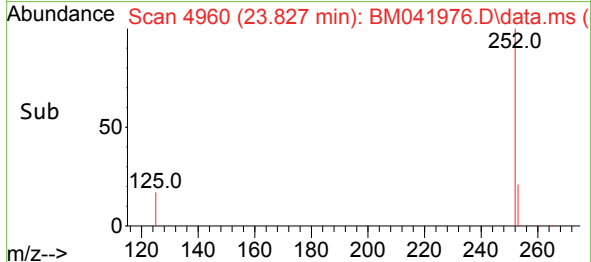
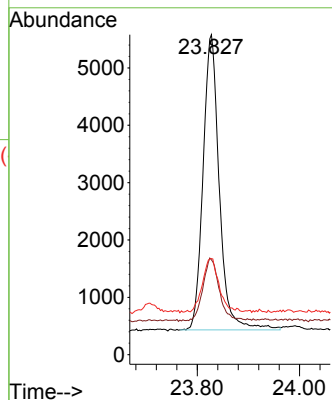
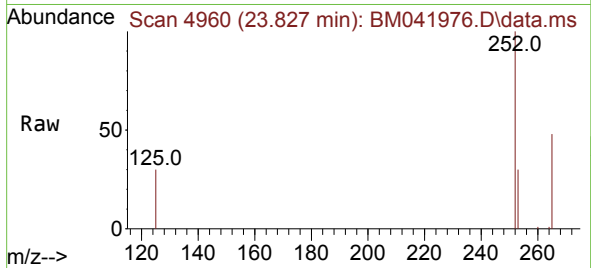




#26
Benzo(a)pyrene
Concen: 0.585 ng/ul
RT: 23.827 min Scan# 4961
Delta R.T. -0.003 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

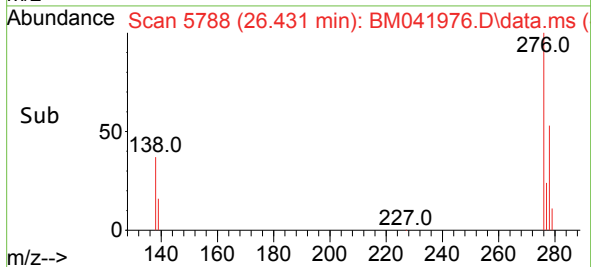
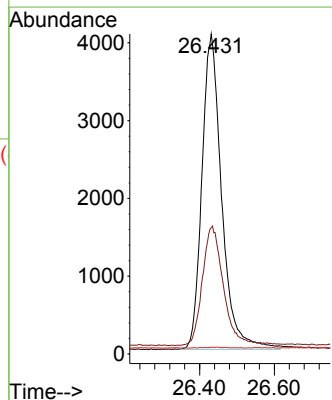
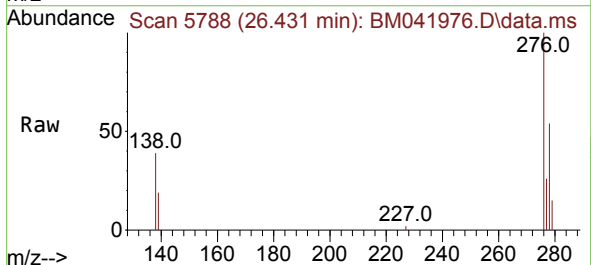
Instrument :
BNA_M
ClientSampleId :
SLCS506

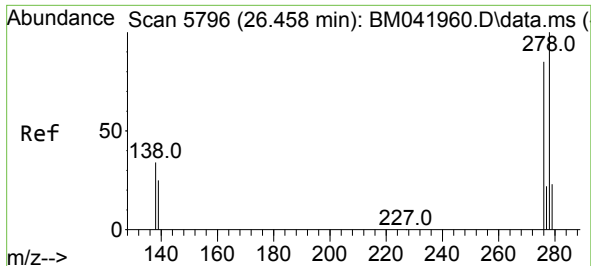
Tgt Ion:252 Resp: 11345
Ion Ratio Lower Upper
252 100
253 29.7 23.0 34.4
125 30.0 19.9 29.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.578 ng/ul
RT: 26.431 min Scan# 5788
Delta R.T. -0.003 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

Tgt Ion:276 Resp: 14859
Ion Ratio Lower Upper
276 100
138 40.5 26.7 40.1#
227 0.0 0.0 0.0#

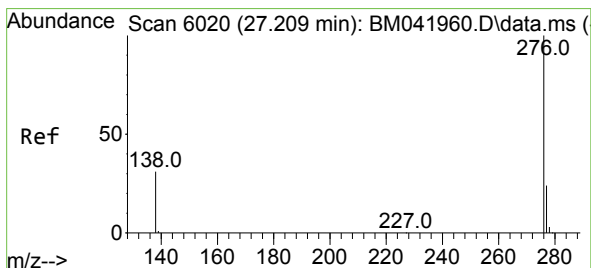
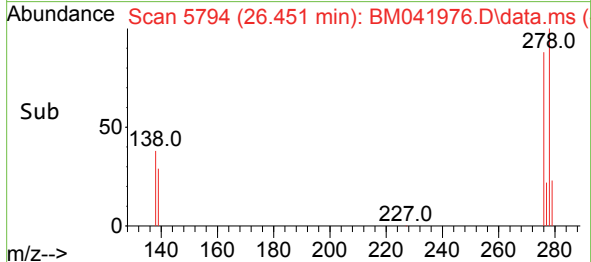
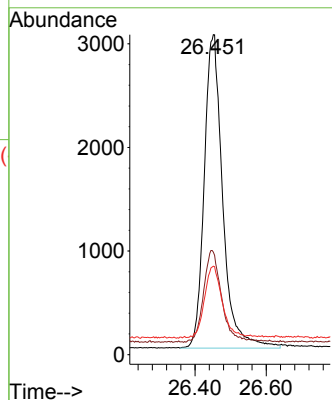
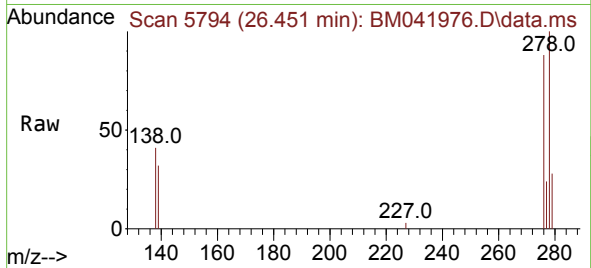




#28
Dibenzo(a,h)anthracene
Concen: 0.569 ng/ul
RT: 26.451 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

Instrument :
BNA_M
ClientSampleId :
SLCS506

Tgt Ion:278 Resp: 10901
Ion Ratio Lower Upper
278 100
139 32.0 22.6 33.8
279 27.6 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.601 ng/ul
RT: 27.206 min Scan# 6019
Delta R.T. -0.003 min
Lab File: BM041976.D
Acq: 22 Sep 2023 02:39

Tgt Ion:276 Resp: 12635
Ion Ratio Lower Upper
276 100
138 37.4 24.9 37.3#
277 24.9 21.4 32.0

