

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072723\
 Data File : BM041156.D
 Acq On : 27 Jul 2023 15:47
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4054

Quant Time: Jul 28 03:30:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

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

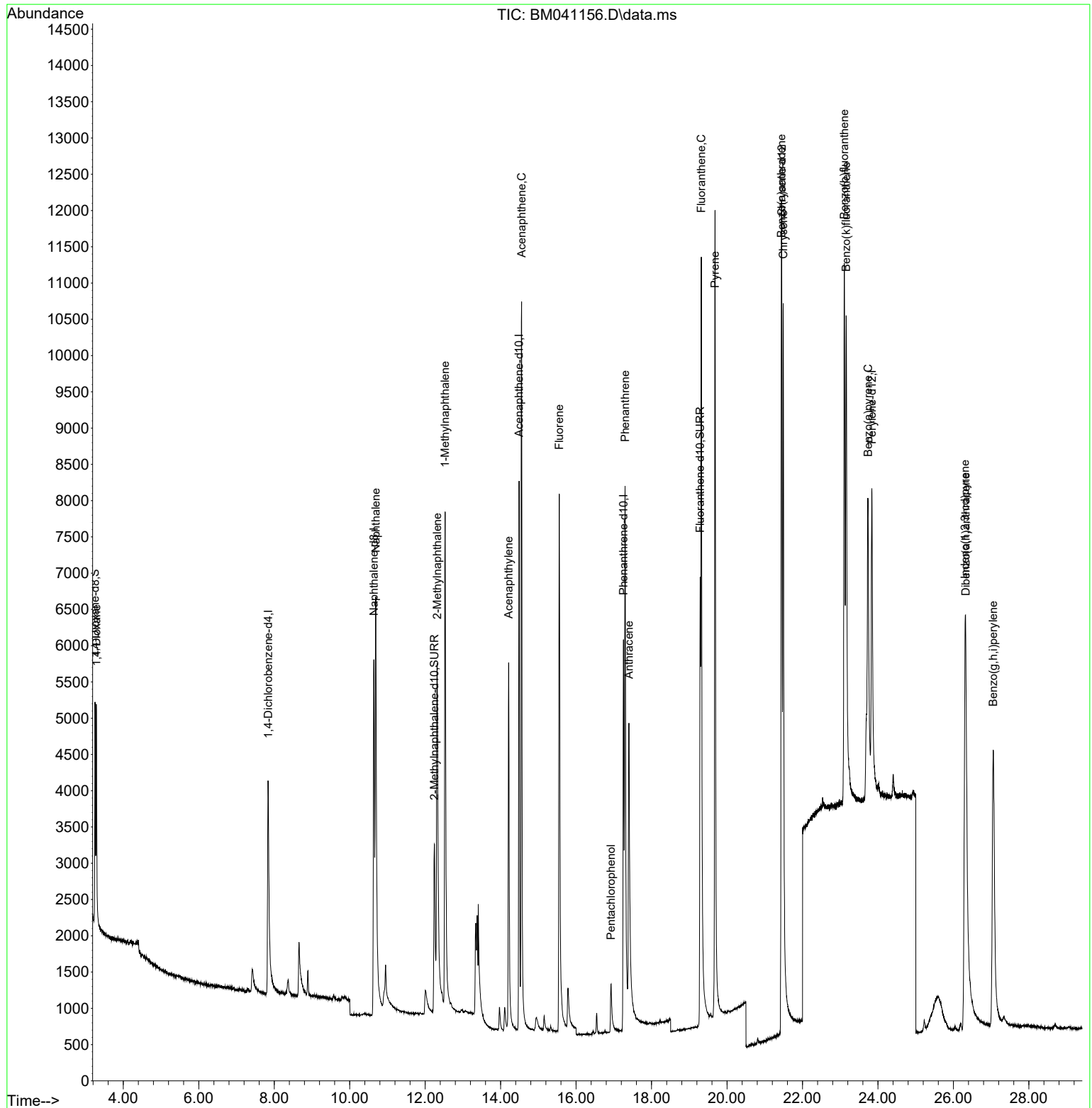
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	2981	0.400	ng/ul	0.00
4) Naphthalene-d8	10.642	136	10092	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	4711	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	8457	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	7812	0.400	ng/ul	0.00
23) Perylene-d12	23.839	264	6889	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	1972	0.429	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	5543	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	9387	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.288	88	1938	0.412	ng/ul#	53
5) Naphthalene	10.691	128	11063	0.337	ng/ul	99
7) 2-Methylnaphthalene	12.319	142	6101	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.528	142	6290	0.381	ng/ul	99
10) Acenaphthylene	14.213	152	7504	0.377	ng/ul	99
11) Acenaphthene	14.555	153	6674	0.397	ng/ul	100
12) Fluorene	15.554	166	6889	0.376	ng/ul	100
14) Pentachlorophenol	16.928	266	774	0.314	ng/ul	97
15) Phenanthrene	17.299	178	10113	0.388	ng/ul	99
16) Anthracene	17.400	178	7826	0.371	ng/ul	97
19) Fluoranthene	19.320	202	11440	0.409	ng/ul	99
20) Pyrene	19.682	202	12459	0.404	ng/ul	99
21) Benzo(a)anthracene	21.439	228	9216	0.353	ng/ul	99
22) Chrysene	21.489	228	11369	0.377	ng/ul	99
24) Benzo(b)fluoranthene	23.108	252	10948	0.399	ng/ul	100
25) Benzo(k)fluoranthene	23.158	252	10875	0.415	ng/ul	98
26) Benzo(a)pyrene	23.737	252	9266	0.417	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.310	276	12271	0.373	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.327	278	9405	0.364	ng/ul	96
29) Benzo(g,h,i)perylene	27.058	276	11587	0.394	ng/ul	99

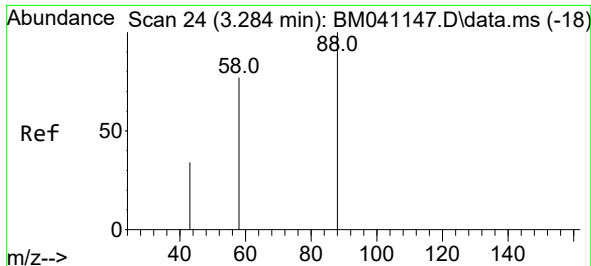
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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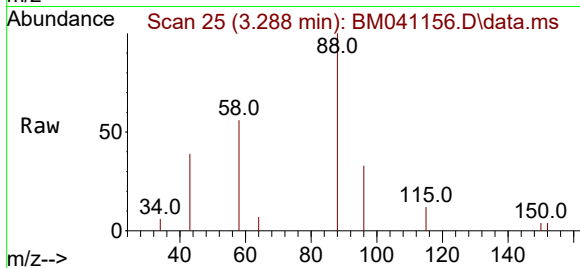
Quant Time: Jul 28 03:30:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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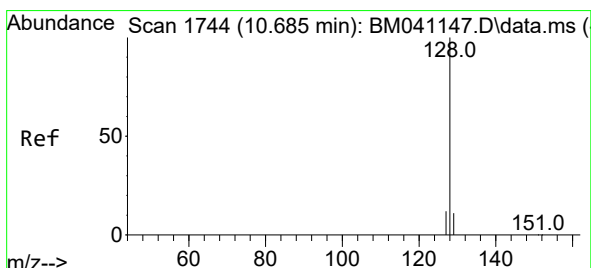
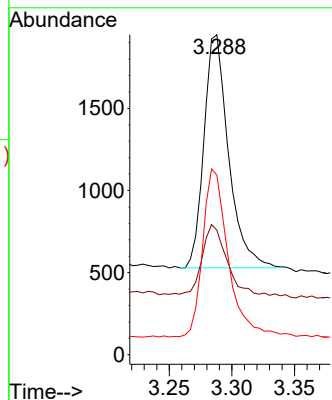
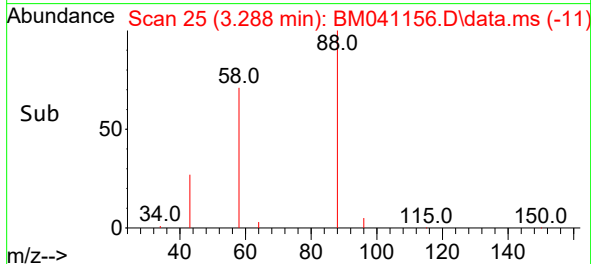


#2
1,4-Dioxane
Concen: 0.412 ng/ul
RT: 3.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

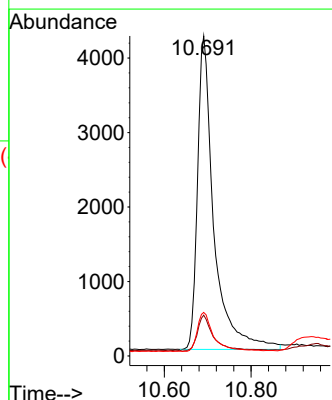
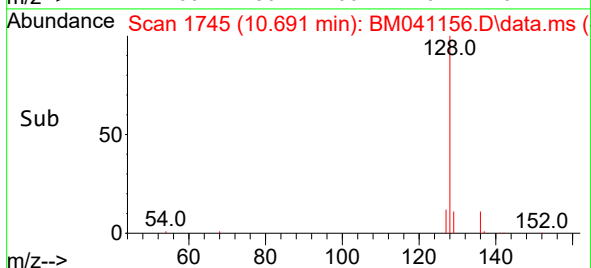
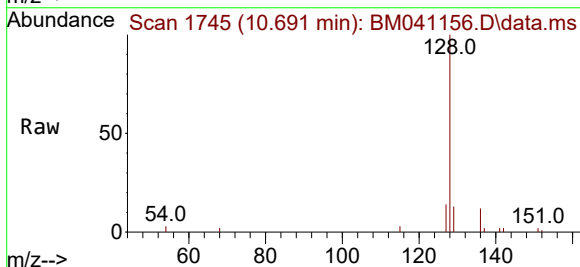


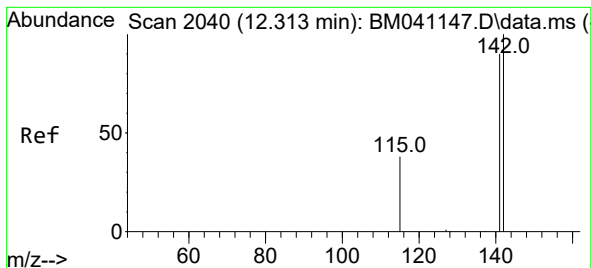
Tgt Ion: 88 Resp: 1938
Ion Ratio Lower Upper
88 100
43 38.9 83.1 124.7#
58 56.2 38.8 58.2



#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.691 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

Tgt Ion: 128 Resp: 11063
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.8
127 13.6 11.1 16.7

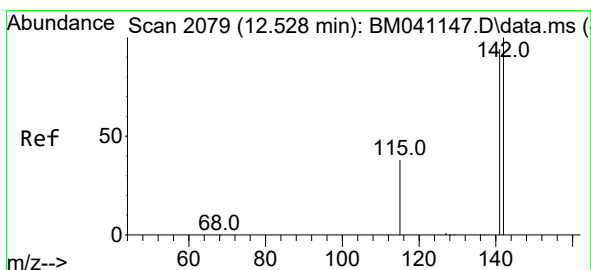
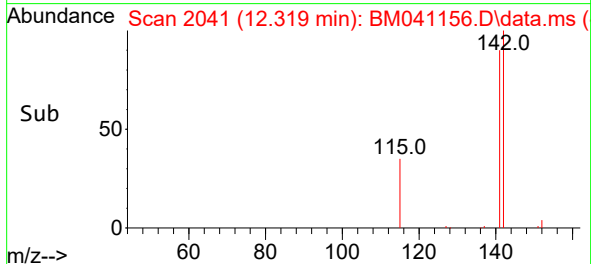
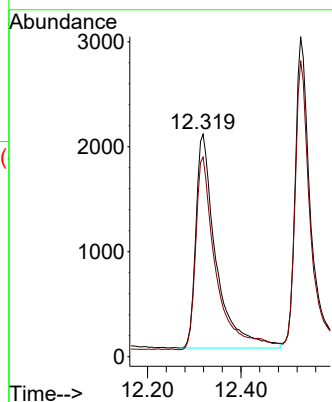
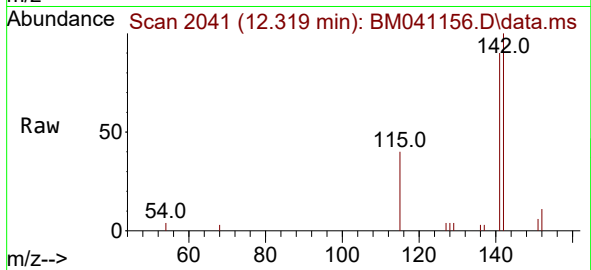




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. 0.005 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

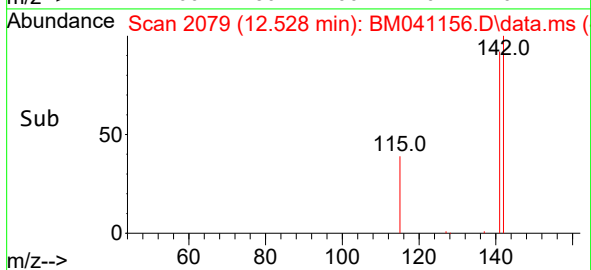
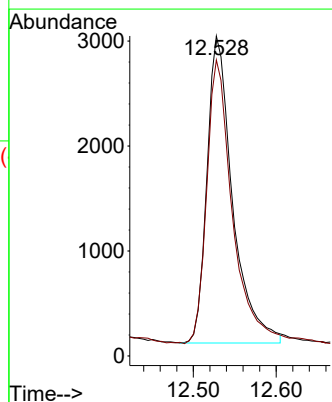
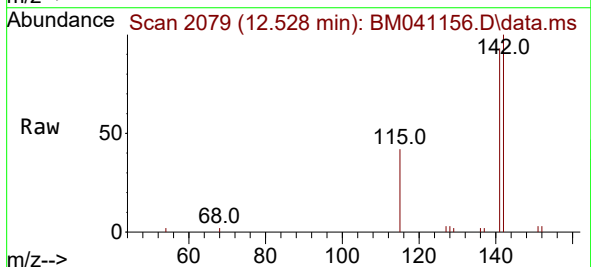
Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

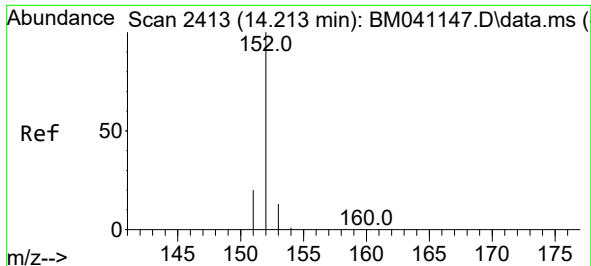
Tgt Ion:142 Resp: 6101
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

Tgt Ion:142 Resp: 6290
Ion Ratio Lower Upper
142 100
141 91.5 73.6 110.4

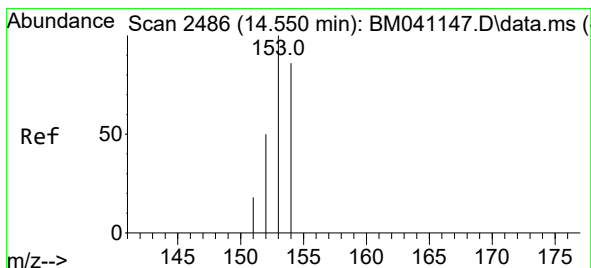
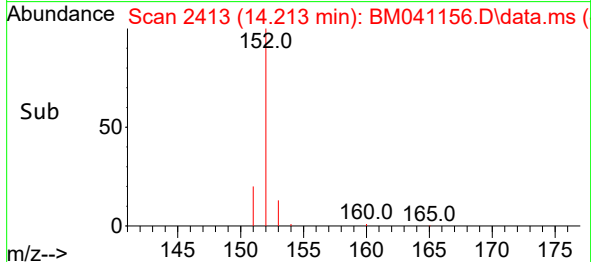
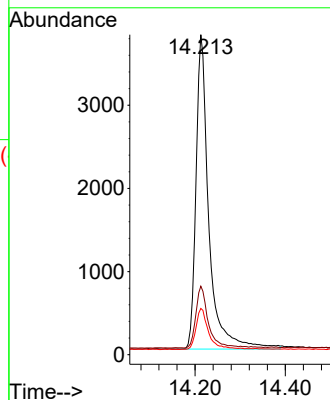
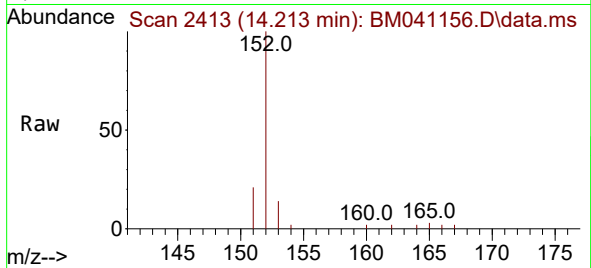




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.213 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

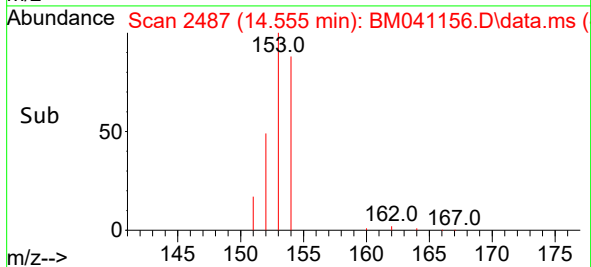
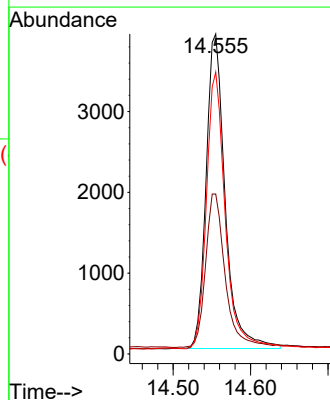
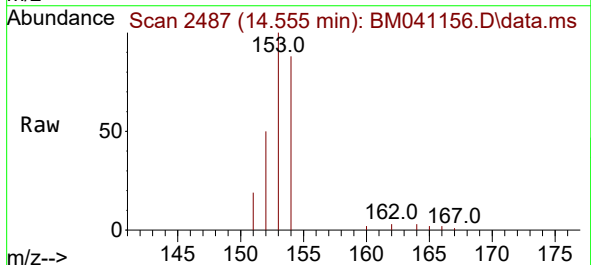
Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

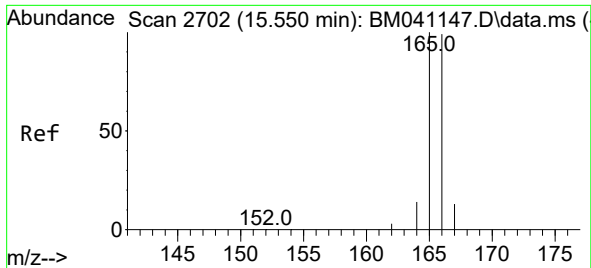
Tgt Ion:152 Resp: 7504
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2
153 14.5 11.4 17.2



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.555 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

Tgt Ion:153 Resp: 6674
Ion Ratio Lower Upper
153 100
152 50.0 40.2 60.4
154 88.1 70.3 105.5

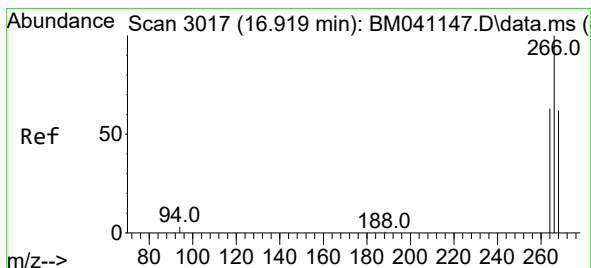
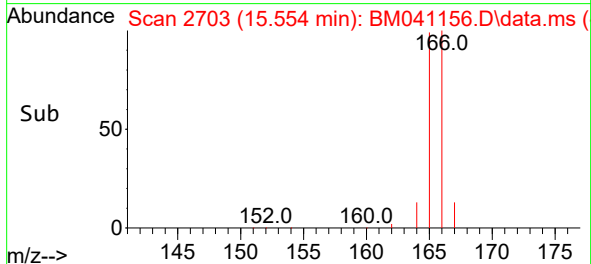
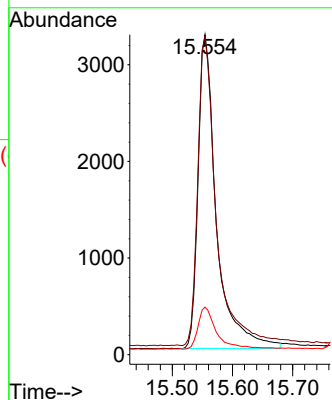
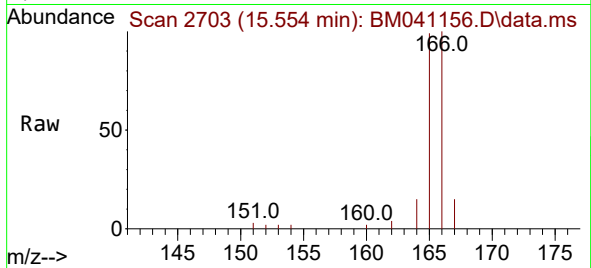




#12
Fluorene
Concen: 0.376 ng/ul
RT: 15.554 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

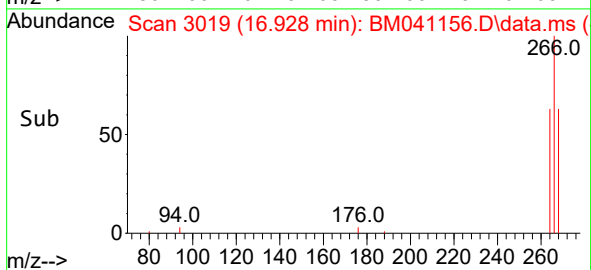
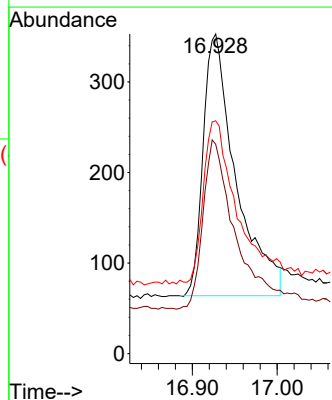
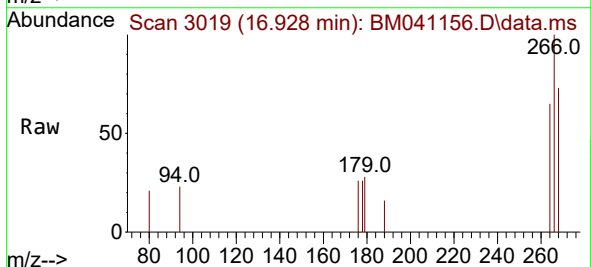
Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

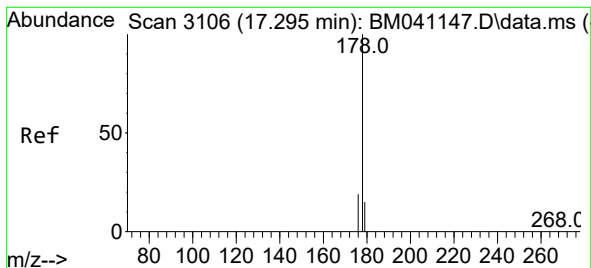
Tgt Ion:166 Resp: 6889
Ion Ratio Lower Upper
166 100
165 99.5 79.4 119.0
167 14.9 11.4 17.2



#14
Pentachlorophenol
Concen: 0.314 ng/ul
RT: 16.928 min Scan# 3019
Delta R.T. 0.012 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

Tgt Ion:266 Resp: 774
Ion Ratio Lower Upper
266 100
264 63.4 49.2 73.8
268 64.9 49.9 74.9





#15

Phenanthrene

Concen: 0.388 ng/ul

RT: 17.299 min Scan# 3106

Delta R.T. 0.004 min

Lab File: BM041156.D

Acq: 27 Jul 2023 15:47

Instrument :

BNA_M

ClientSampleId :

SSTD0.4054

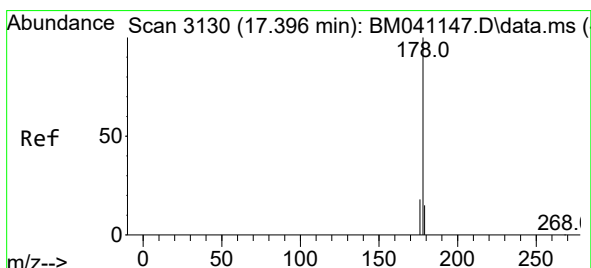
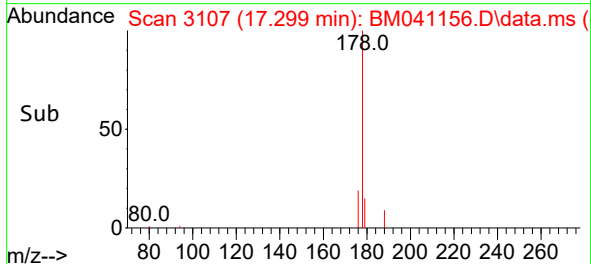
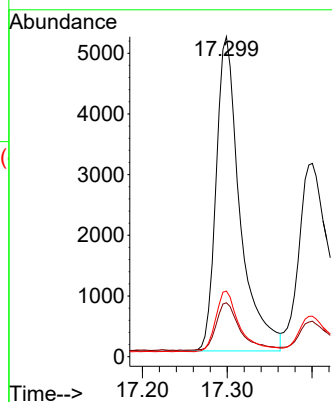
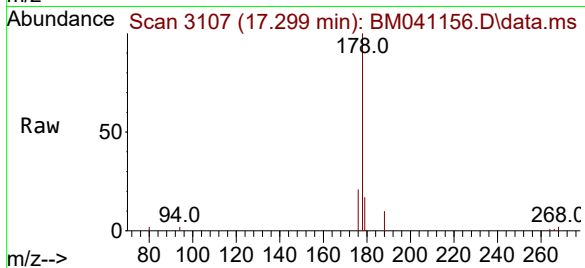
Tgt Ion:178 Resp: 10113

Ion Ratio Lower Upper

178 100

179 16.9 13.4 20.2

176 20.5 16.0 24.0



#16

Anthracene

Concen: 0.371 ng/ul

RT: 17.400 min Scan# 3131

Delta R.T. 0.008 min

Lab File: BM041156.D

Acq: 27 Jul 2023 15:47

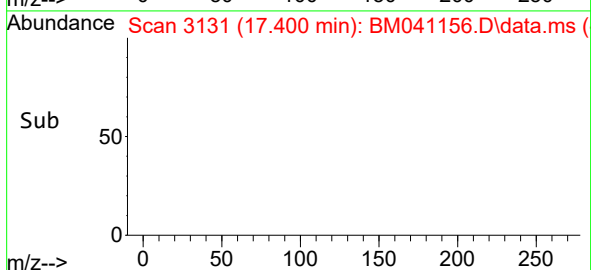
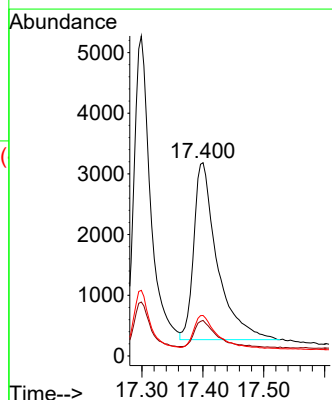
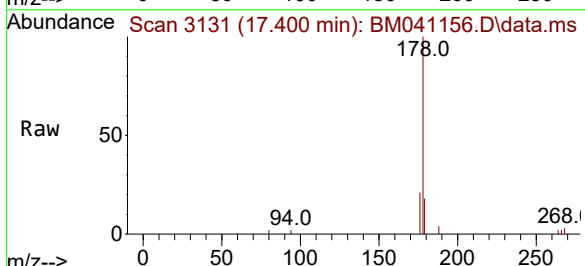
Tgt Ion:178 Resp: 7826

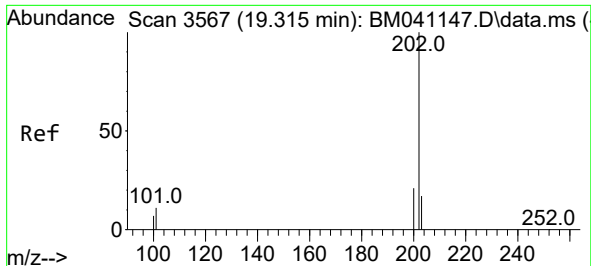
Ion Ratio Lower Upper

178 100

179 18.4 13.6 20.4

176 20.9 16.0 24.0

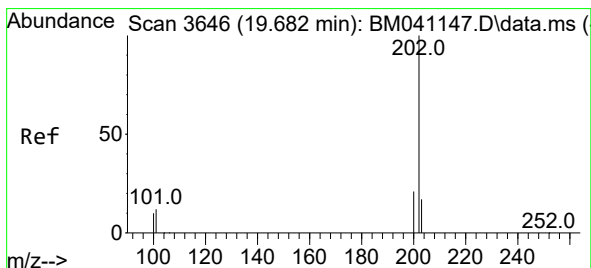
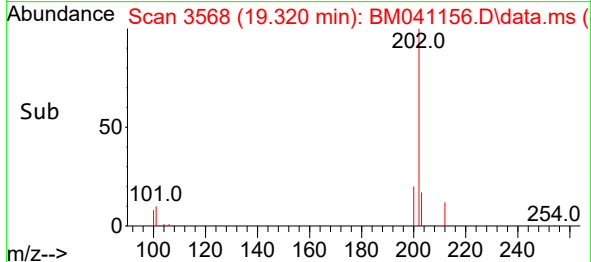
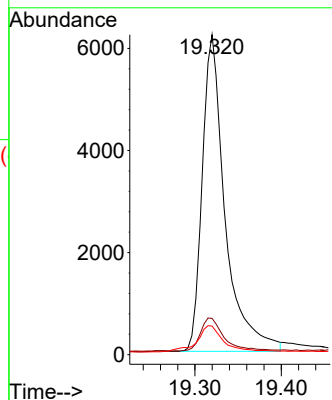
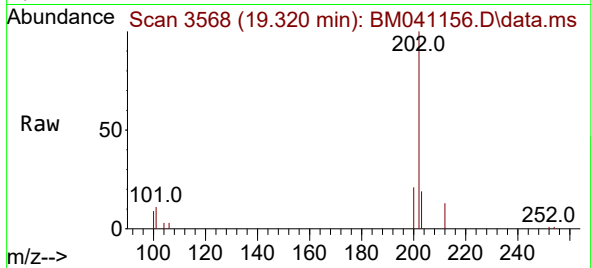




#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.320 min Scan# 3567
Delta R.T. 0.004 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

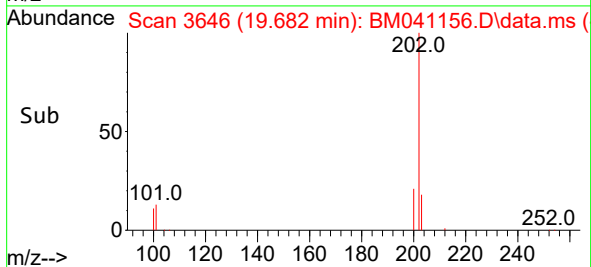
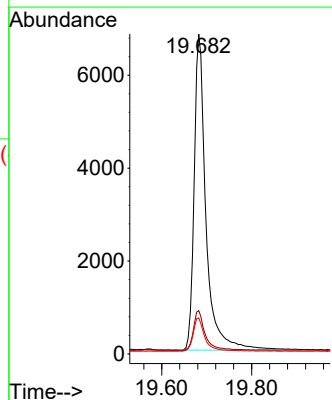
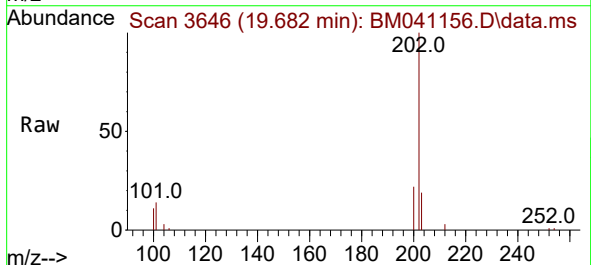
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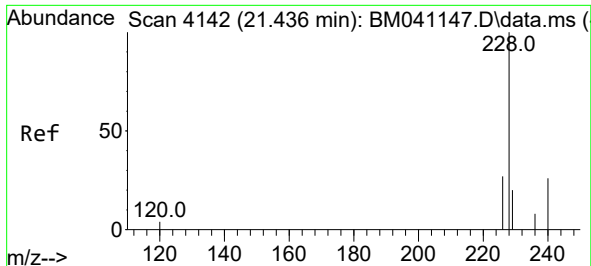
Tgt Ion:202 Resp: 11440
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.0
100 9.0 7.1 10.7



#20
Pyrene
Concen: 0.404 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.000 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

Tgt Ion:202 Resp: 12459
Ion Ratio Lower Upper
202 100
101 13.6 10.7 16.1
100 11.2 8.5 12.7

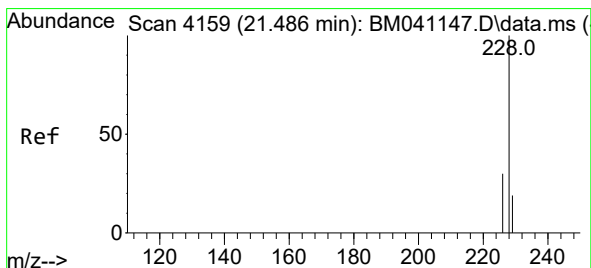
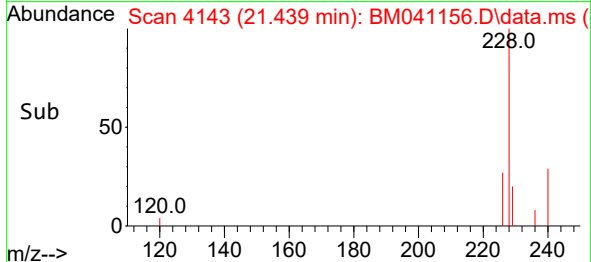
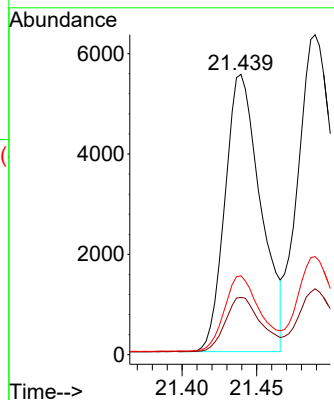
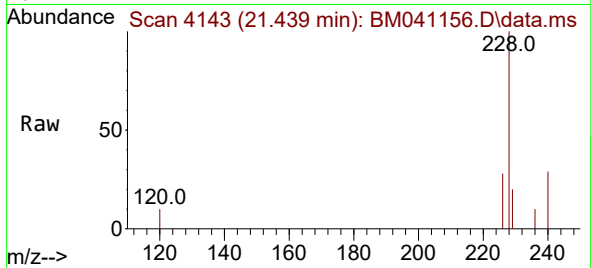




#21
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.439 min Scan# 4142
Delta R.T. 0.006 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

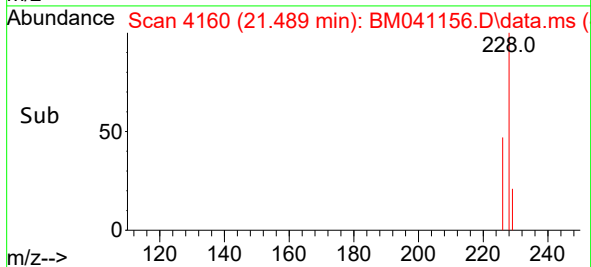
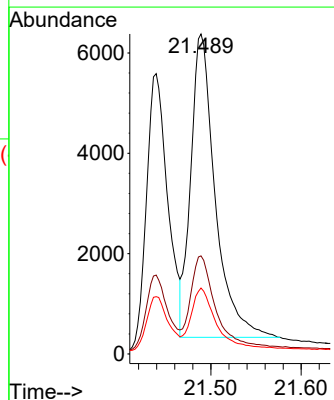
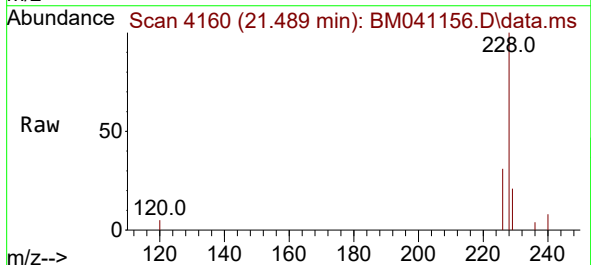
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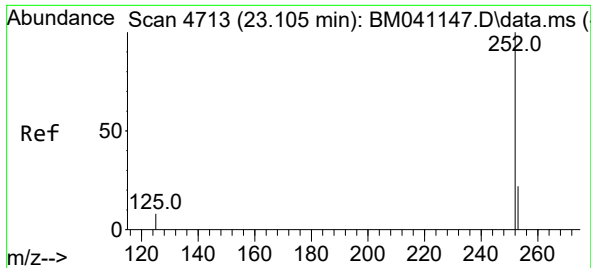
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Ion Ratio Lower Upper
228 100
229 20.4 16.5 24.7
226 28.2 22.2 33.2



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. 0.003 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

Tgt Ion:228 Resp: 11369
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 20.6 15.9 23.9

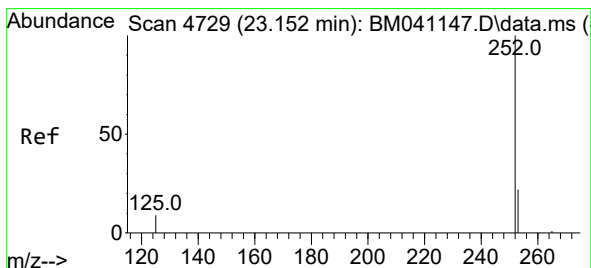
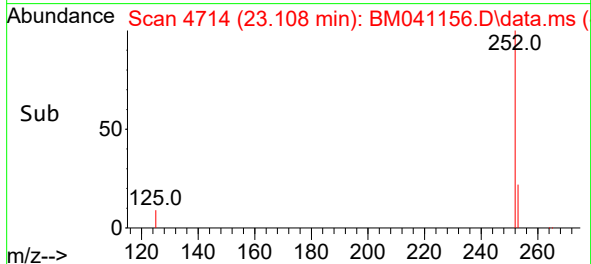
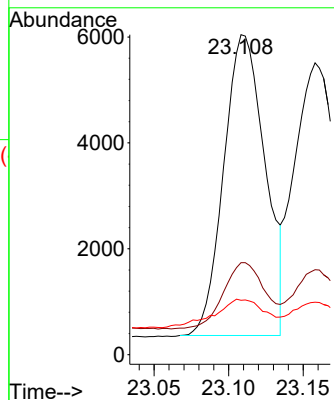
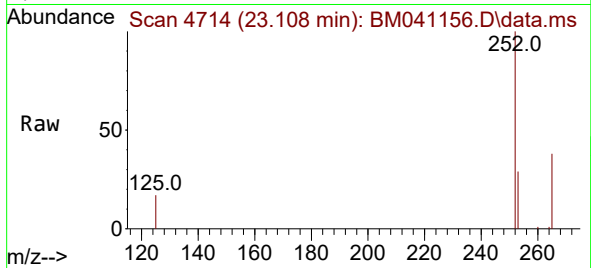




#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 23.108 min Scan# 4713
Delta R.T. 0.003 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

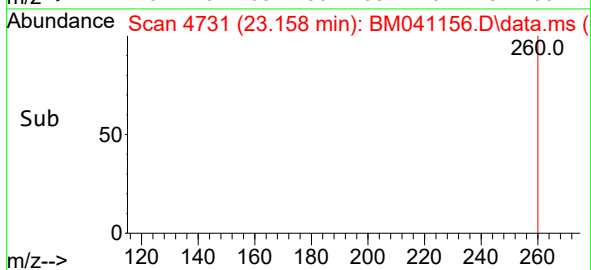
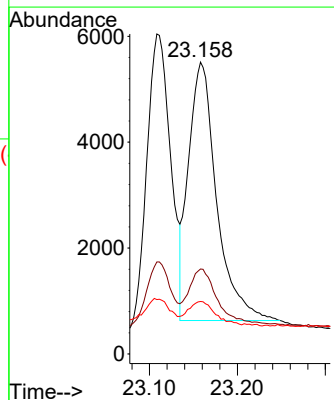
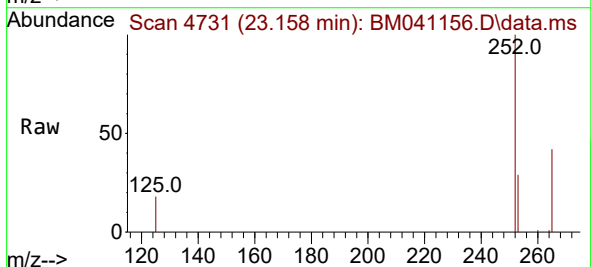
Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

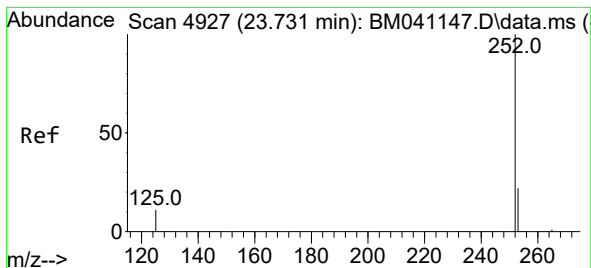
Tgt Ion:252 Resp: 10948
Ion Ratio Lower Upper
252 100
253 28.8 0.0 57.6
125 17.0 0.0 33.6



#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 23.158 min Scan# 4731
Delta R.T. 0.003 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

Tgt Ion:252 Resp: 10875
Ion Ratio Lower Upper
252 100
253 29.1 22.8 34.2
125 18.0 13.5 20.3

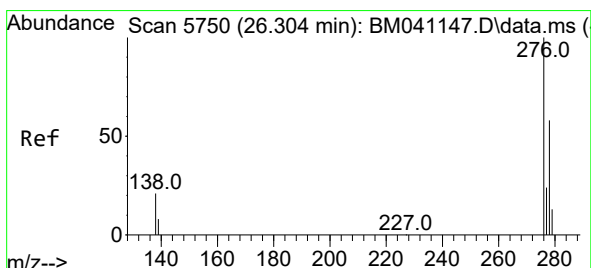
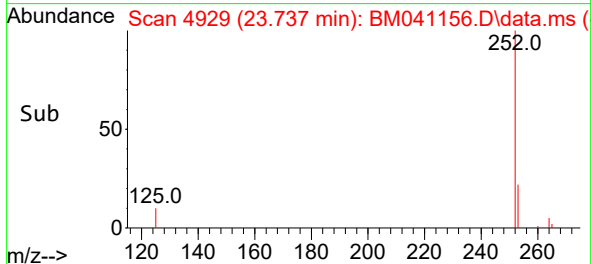
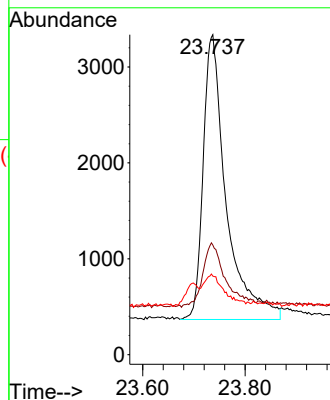
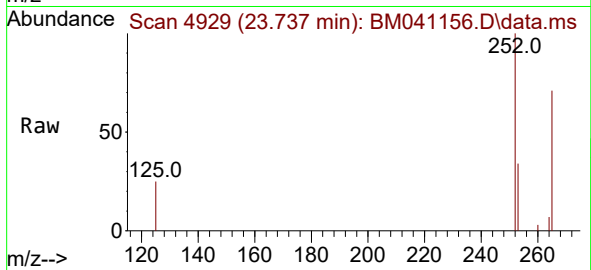




#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.737 min Scan# 4927
Delta R.T. 0.009 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

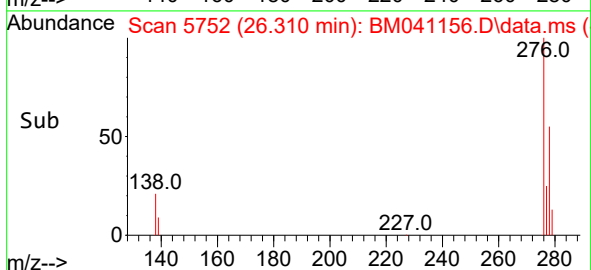
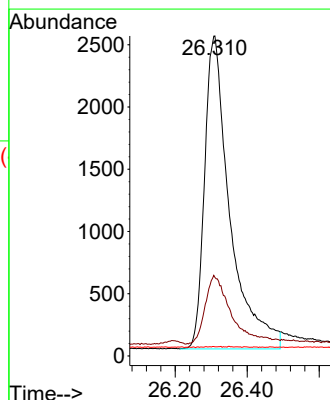
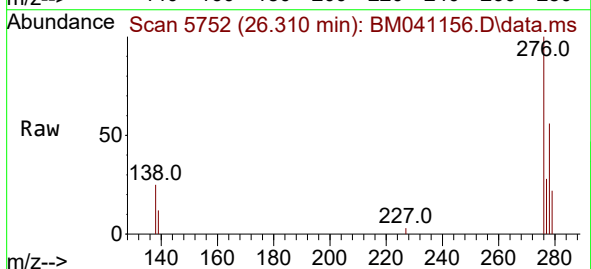
Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

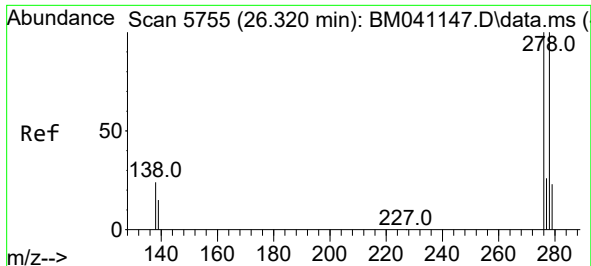
Tgt Ion:252 Resp: 9266
Ion Ratio Lower Upper
252 100
253 34.3 26.7 40.1
125 24.6 18.1 27.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.310 min Scan# 5752
Delta R.T. 0.013 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

Tgt Ion:276 Resp: 12271
Ion Ratio Lower Upper
276 100
138 23.0 18.1 27.1
227 0.0 0.2 0.2#

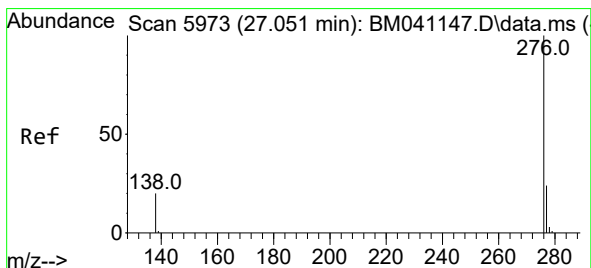
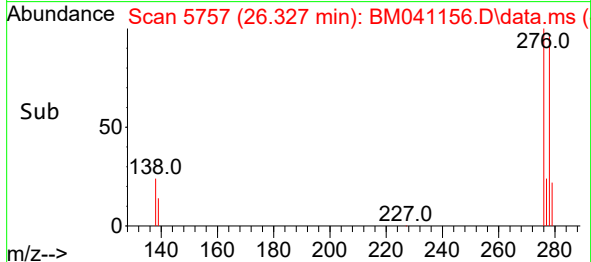
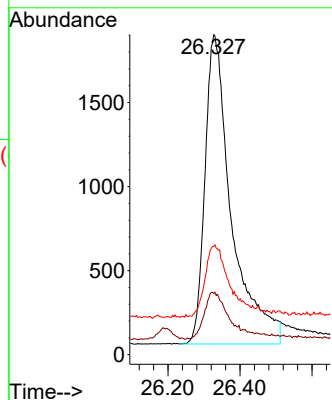
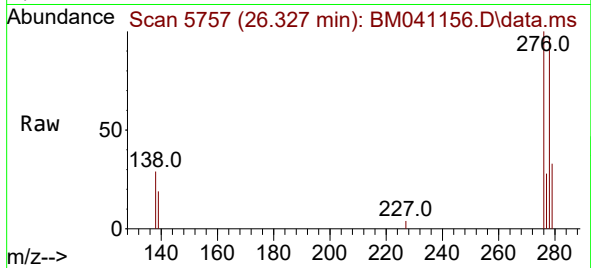




#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 26.327 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

Tgt Ion:278 Resp: 9405
Ion Ratio Lower Upper
278 100
139 19.2 14.1 21.1
279 33.9 25.0 37.4



#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 27.058 min Scan# 5975
Delta R.T. 0.007 min
Lab File: BM041156.D
Acq: 27 Jul 2023 15:47

Tgt Ion:276 Resp: 11587
Ion Ratio Lower Upper
276 100
138 22.8 18.2 27.2
277 26.8 20.6 30.8

