

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040927.D
 Acq On : 17 Jul 2023 18:05
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4183

Quant Time: Jul 18 02:47:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

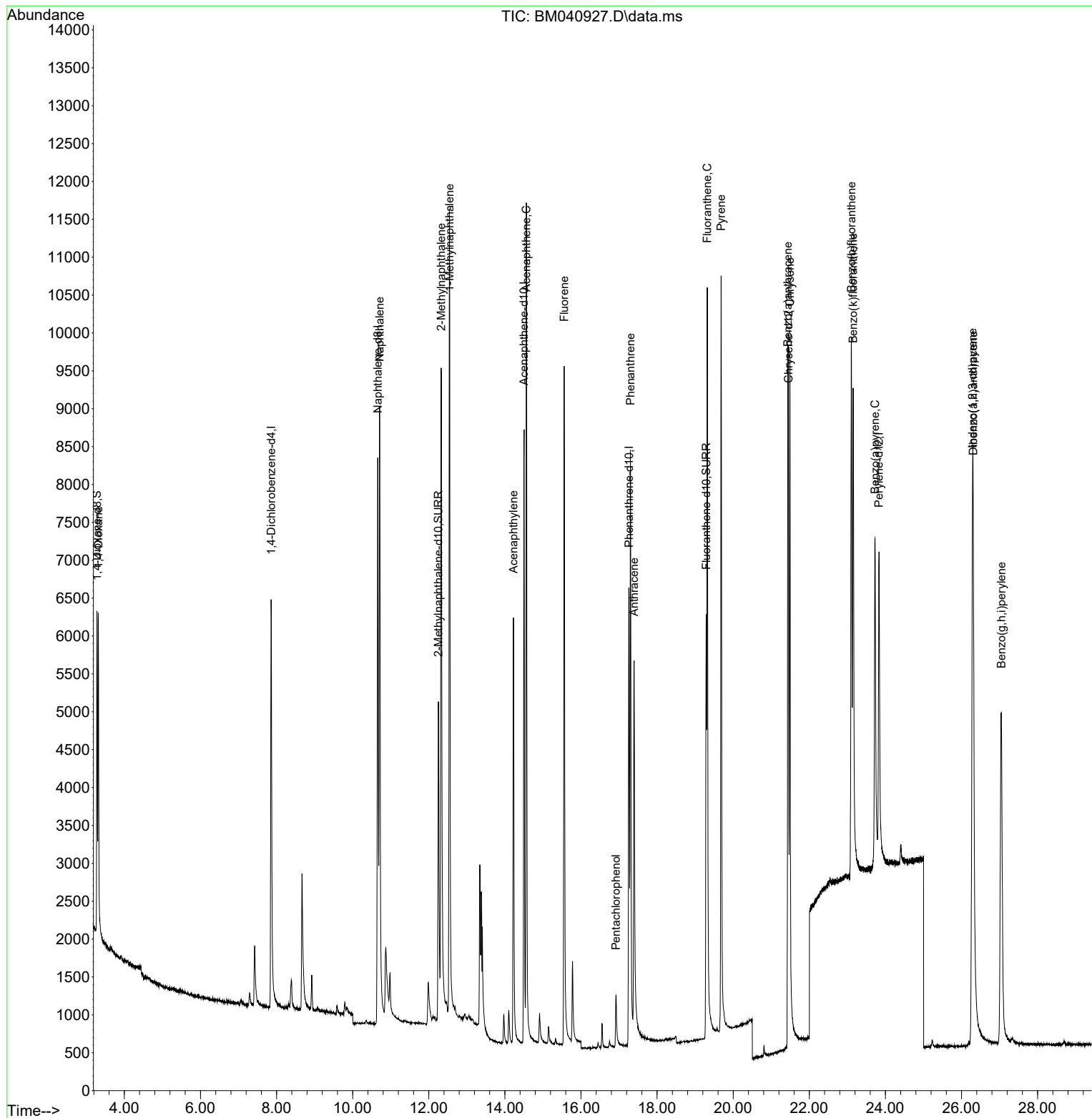
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	3571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	11571	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.504	164	4694	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	8086	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	6078	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	6420	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	2515	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	7141	0.440	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	7396	0.380	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	2495	0.437	ng/ul	97
5) Naphthalene	10.708	128	12668	0.397	ng/ul	98
7) 2-Methylnaphthalene	12.330	142	8145	0.435	ng/ul	98
8) 1-Methylnaphthalene	12.544	142	8114	0.433	ng/ul	98
10) Acenaphthylene	14.226	152	7606	0.363	ng/ul	99
11) Acenaphthene	14.564	153	6743	0.381	ng/ul	97
12) Fluorene	15.559	166	6691	0.354	ng/ul	100
14) Pentachlorophenol	16.919	266	685	0.440	ng/ul	92
15) Phenanthrene	17.299	178	9330	0.371	ng/ul	100
16) Anthracene	17.396	178	7398	0.351	ng/ul	97
19) Fluoranthene	19.320	202	9342	0.362	ng/ul	99
20) Pyrene	19.682	202	9834	0.355	ng/ul	98
21) Benzo(a)anthracene	21.436	228	7336	0.357	ng/ul	99
22) Chrysene	21.489	228	8742	0.373	ng/ul	99
24) Benzo(b)fluoranthene	23.105	252	9570	0.385	ng/ul	98
25) Benzo(k)fluoranthene	23.152	252	9325	0.381	ng/ul	98
26) Benzo(a)pyrene	23.728	252	8416	0.376	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.287	276	12397	0.398	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.307	278	9975	0.409	ng/ul	97
29) Benzo(g,h,i)perylene	27.045	276	11088	0.406	ng/ul	97

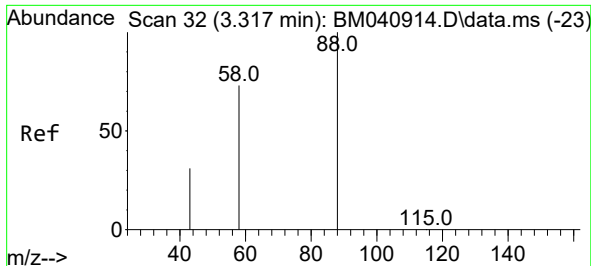
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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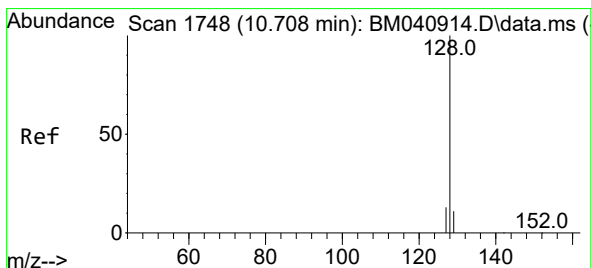
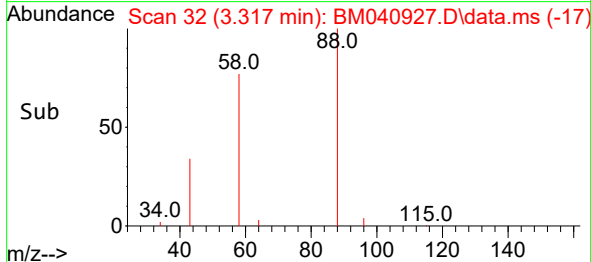
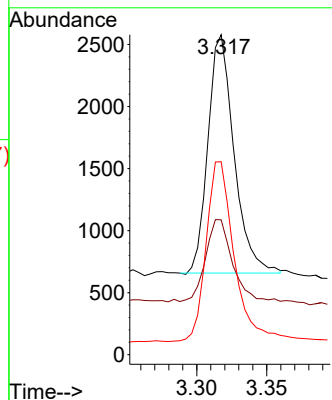
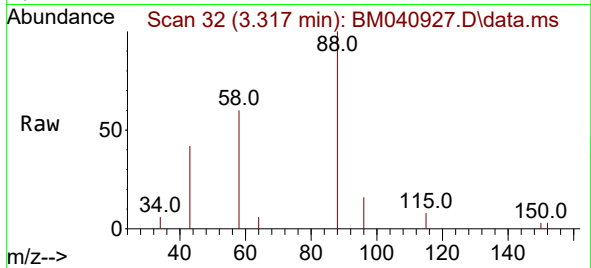




#2
1,4-Dioxane
Concen: 0.437 ng/ul
RT: 3.317 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

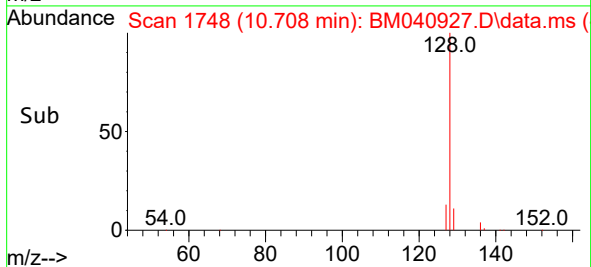
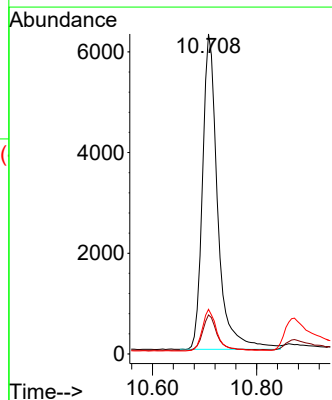
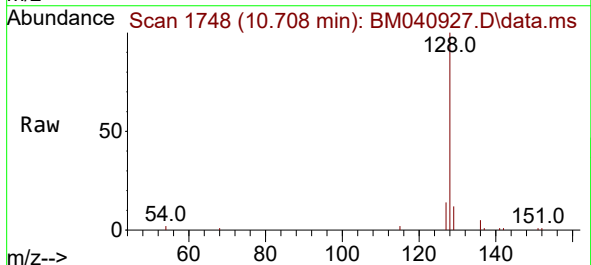
Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

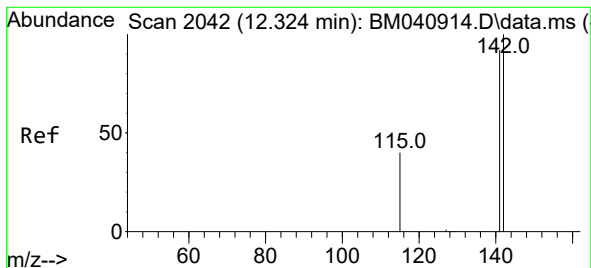
Tgt Ion: 88 Resp: 2495
Ion Ratio Lower Upper
88 100
43 42.1 36.1 54.1
58 60.3 49.8 74.8



#5
Naphthalene
Concen: 0.397 ng/ul
RT: 10.708 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

Tgt Ion: 128 Resp: 12668
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.9 10.6 15.8

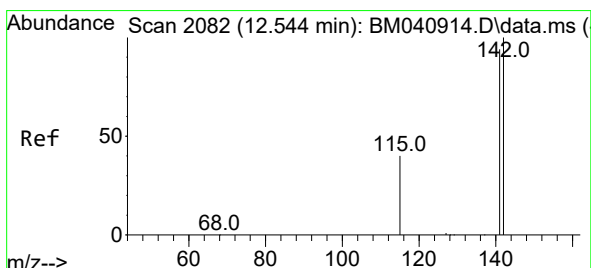
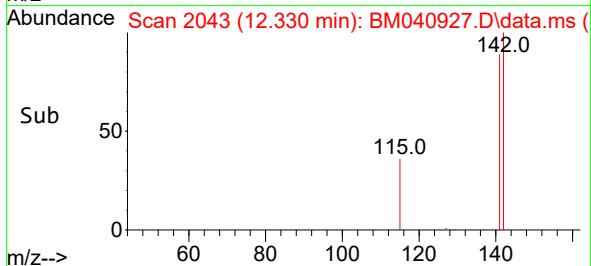
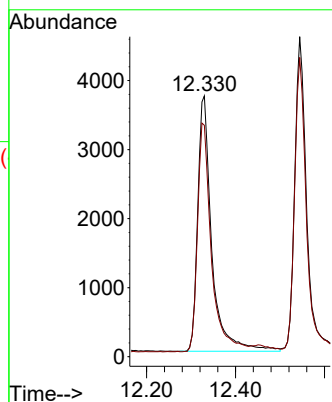
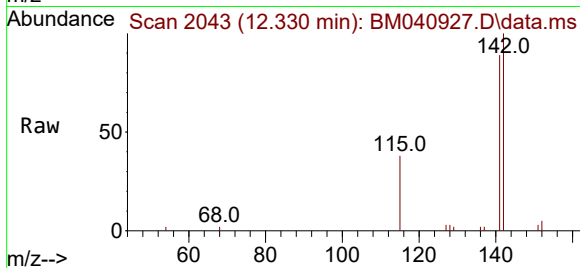




#7
2-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

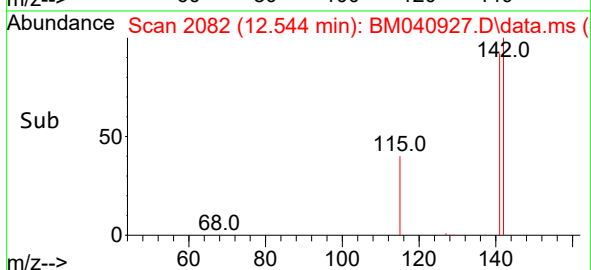
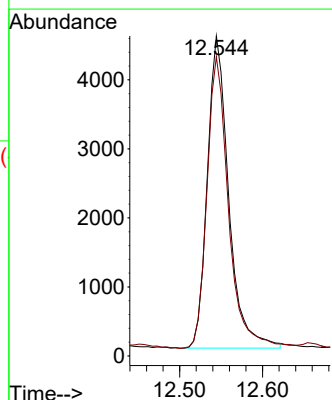
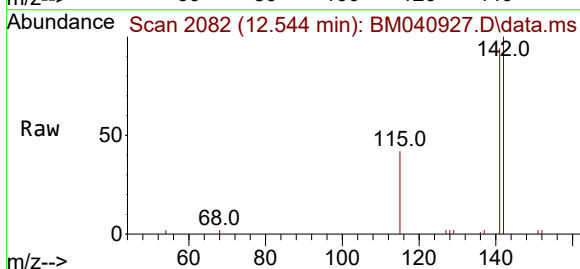
Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

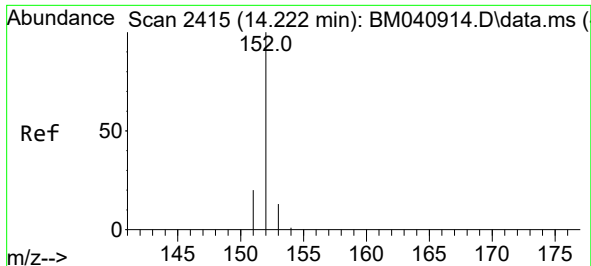
Tgt Ion:142 Resp: 8145
Ion Ratio Lower Upper
142 100
141 91.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.544 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

Tgt Ion:142 Resp: 8114
Ion Ratio Lower Upper
142 100
141 93.9 73.7 110.5

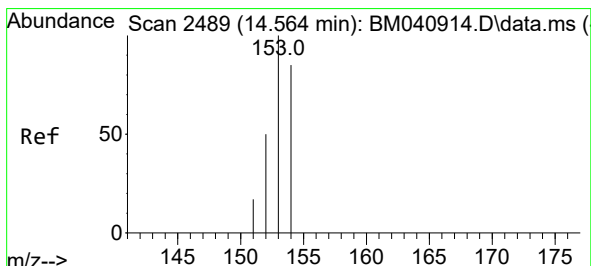
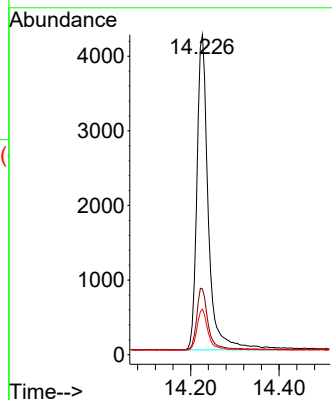
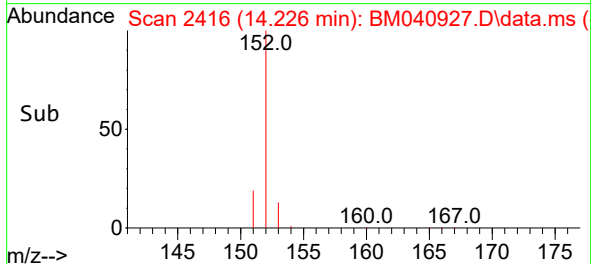
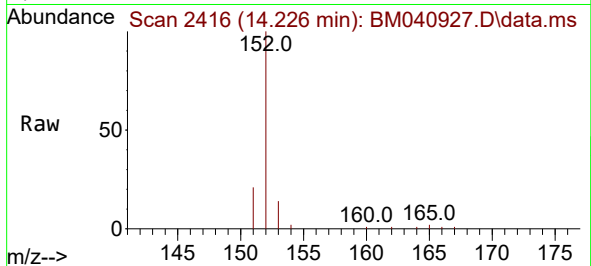




#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.226 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

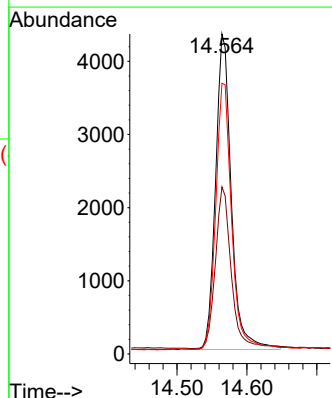
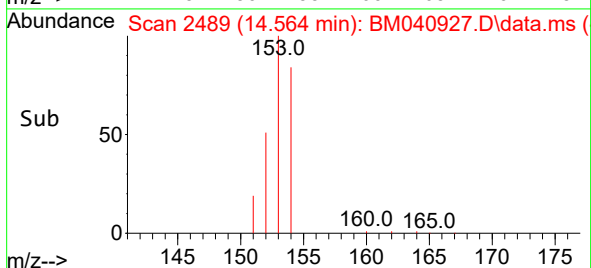
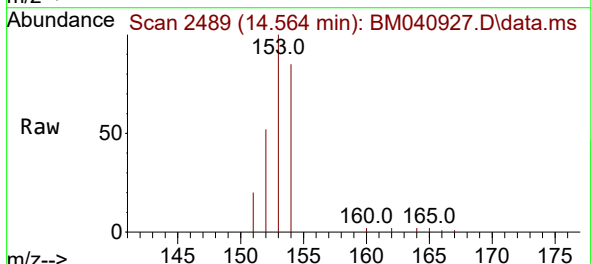
Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

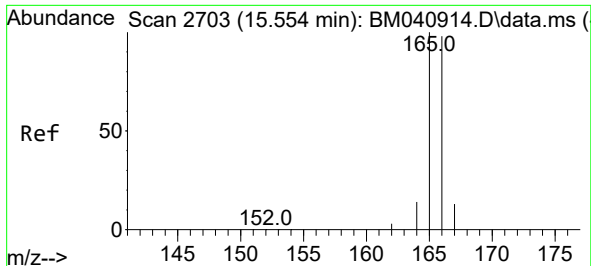
Tgt Ion:152 Resp: 7606
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 14.2 10.9 16.3



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.564 min Scan# 2489
Delta R.T. -0.005 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

Tgt Ion:153 Resp: 6743
Ion Ratio Lower Upper
153 100
152 52.2 41.0 61.4
154 84.6 70.8 106.2

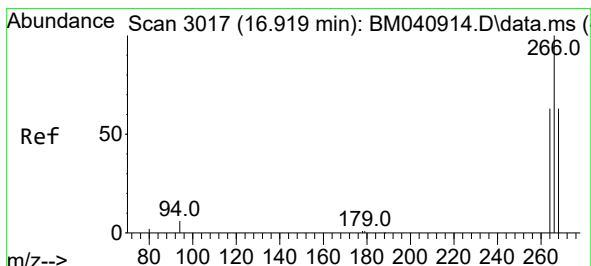
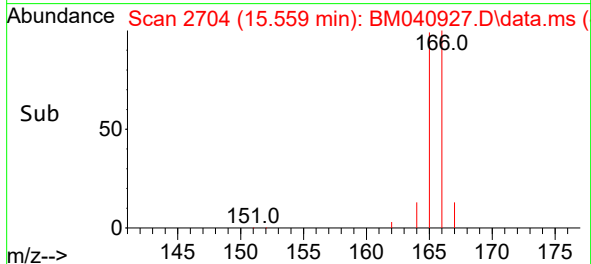
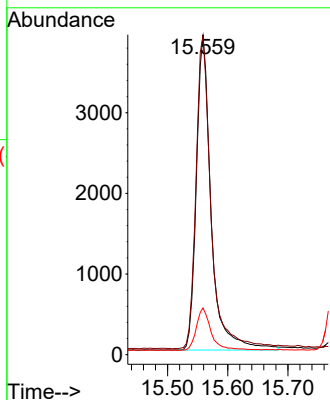
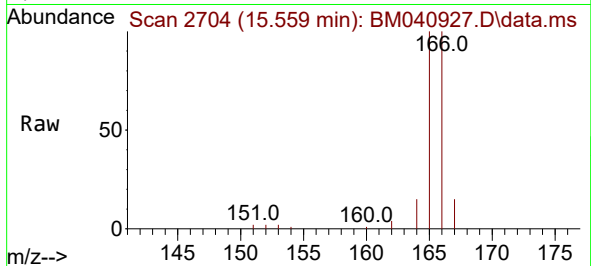




#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.559 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

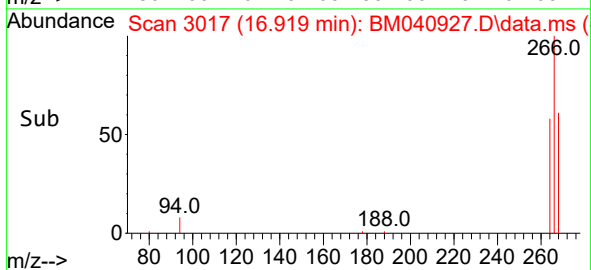
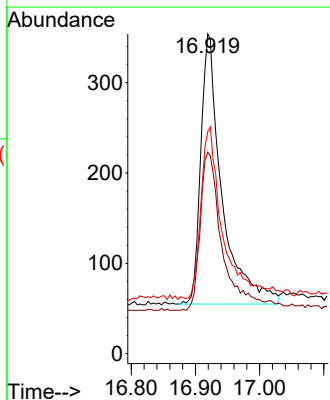
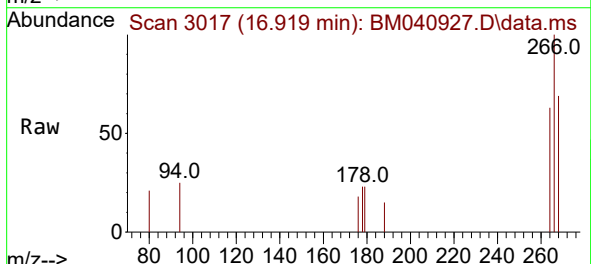
Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

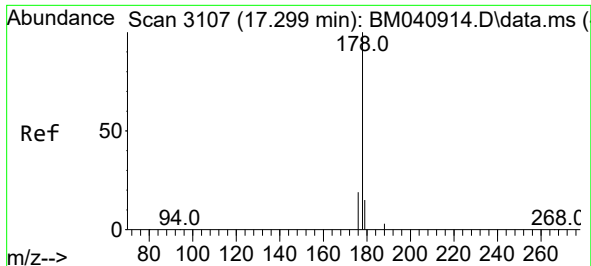
Tgt Ion:166 Resp: 6691
Ion Ratio Lower Upper
166 100
165 99.6 79.6 119.4
167 14.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.440 ng/ul
RT: 16.919 min Scan# 3017
Delta R.T. -0.000 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

Tgt Ion:266 Resp: 685
Ion Ratio Lower Upper
266 100
264 62.3 45.4 68.0
268 65.8 47.2 70.8

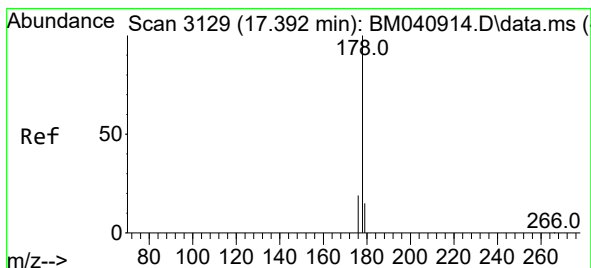
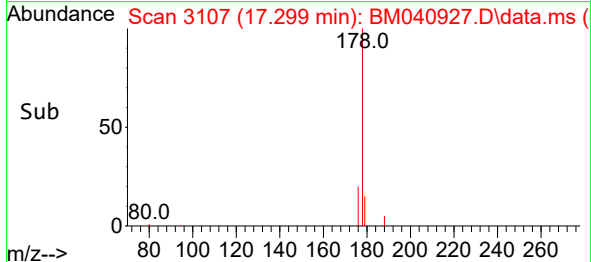
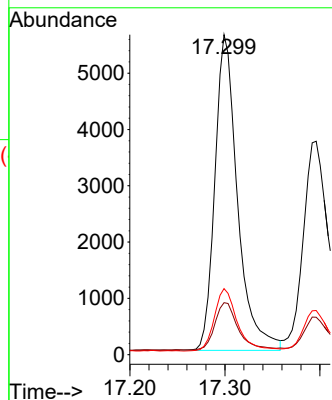
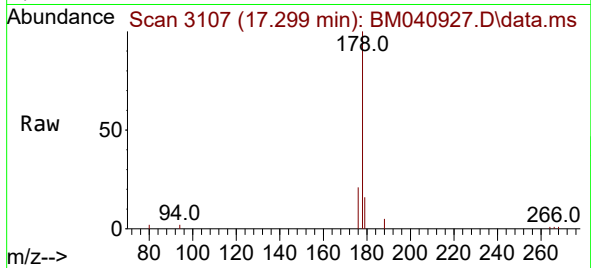




#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

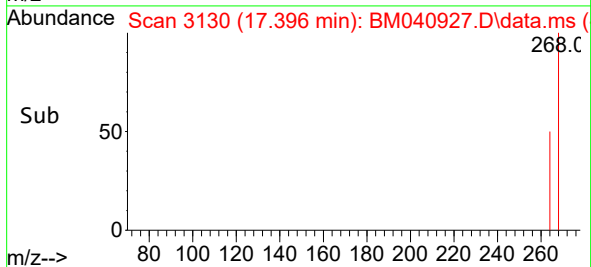
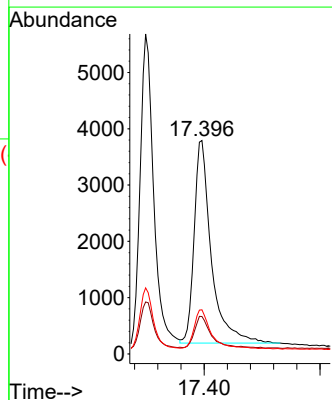
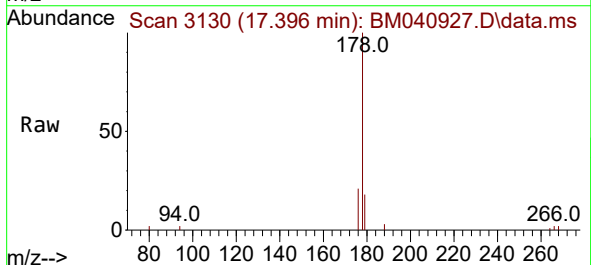
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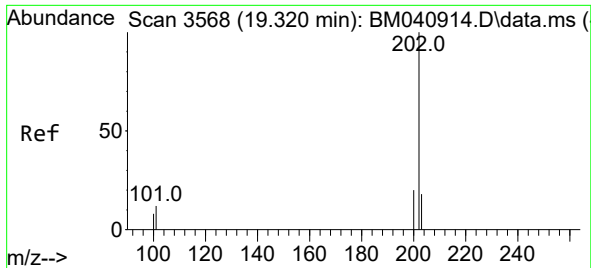
Tgt Ion:178 Resp: 9330
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 20.7 16.4 24.6



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

Tgt Ion:178 Resp: 7398
Ion Ratio Lower Upper
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179 17.6 12.9 19.3
176 20.7 15.8 23.6

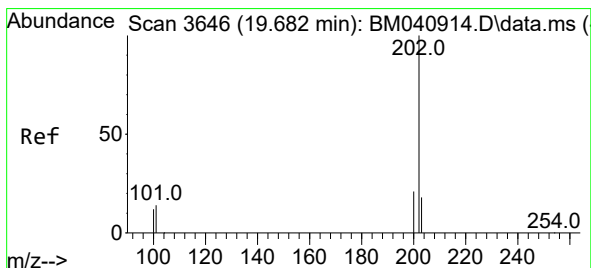
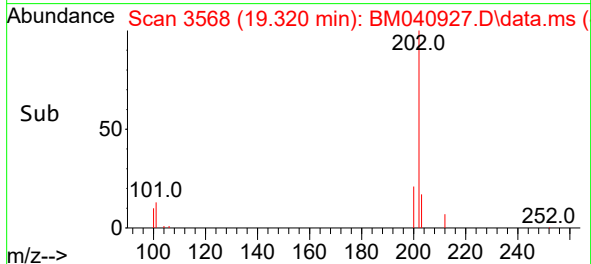
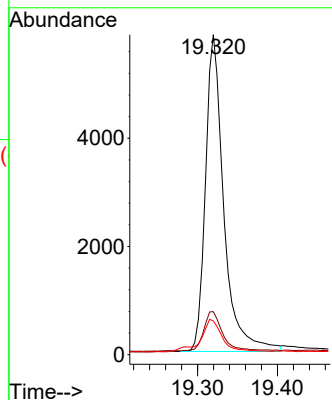
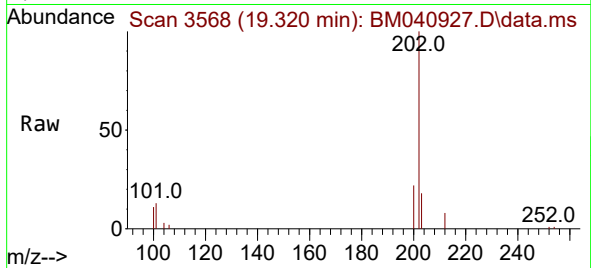




#19
Fluoranthene
Concen: 0.362 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. -0.005 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

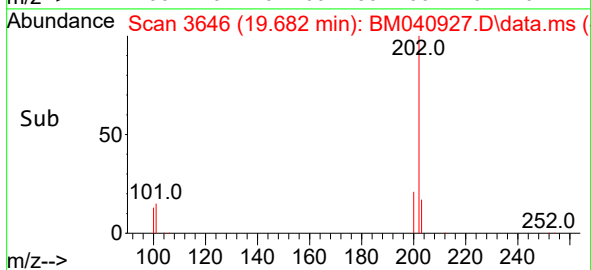
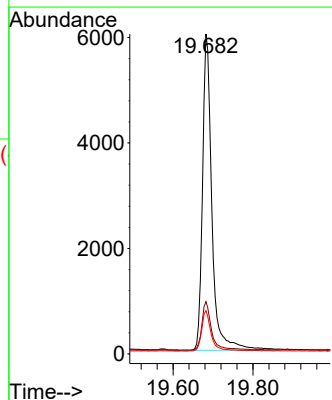
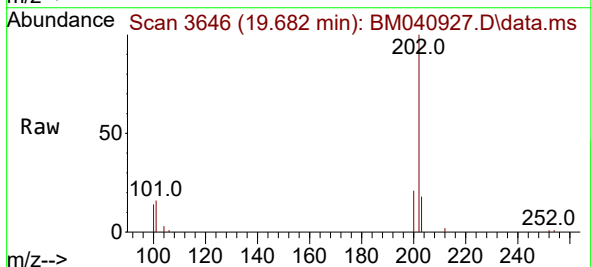
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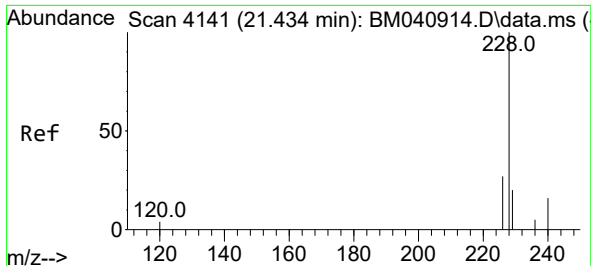
Tgt Ion:202 Resp: 9342
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 10.6 8.7 13.1



#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

Tgt Ion:202 Resp: 9834
Ion Ratio Lower Upper
202 100
101 16.4 12.6 18.8
100 13.5 9.8 14.6

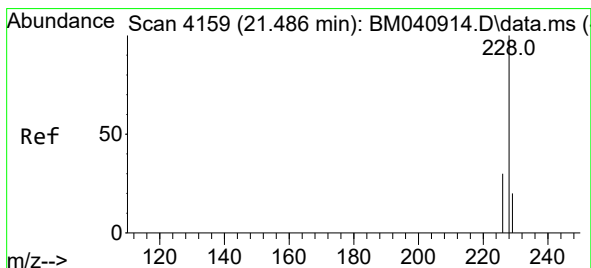
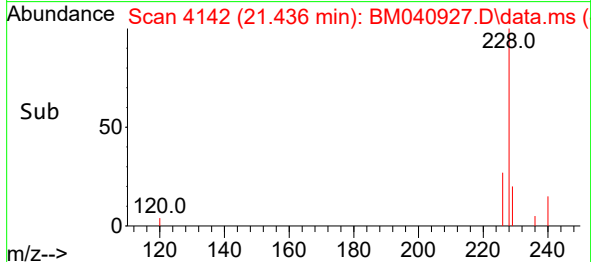
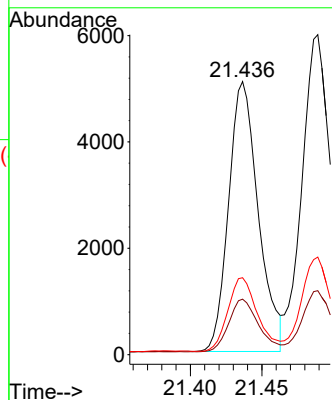
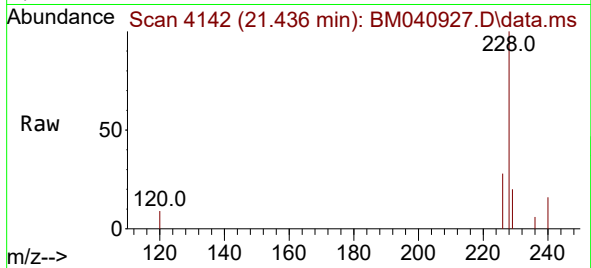




#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.436 min Scan# 4141
Delta R.T. 0.003 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

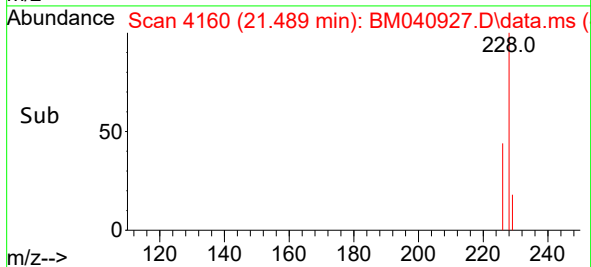
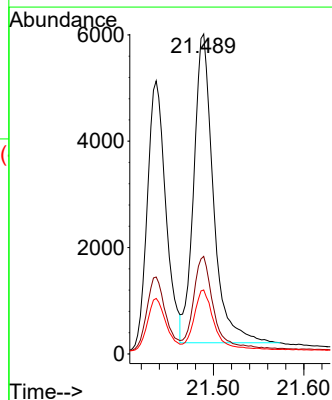
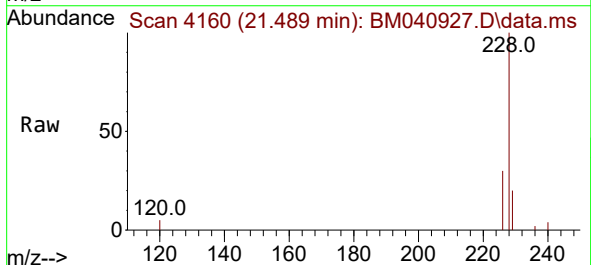
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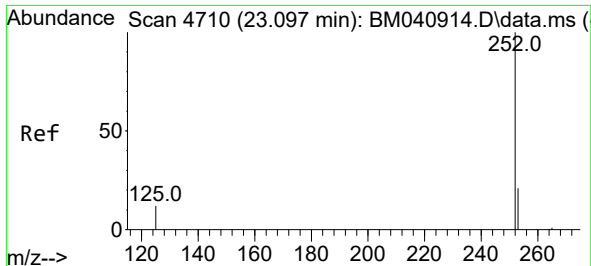
Tgt Ion:228 Resp: 7336
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 28.1 22.3 33.5



#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. 0.003 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

Tgt Ion:228 Resp: 8742
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 20.0 15.8 23.6

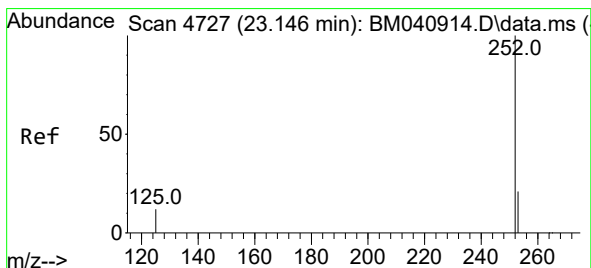
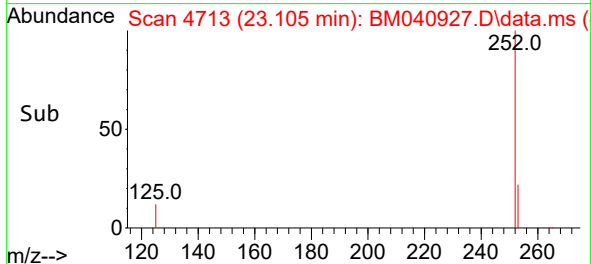
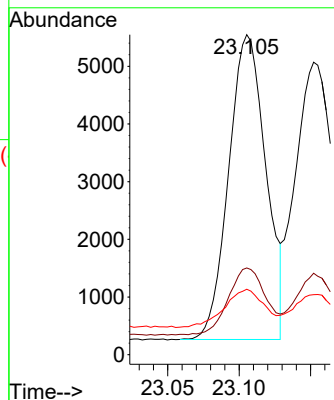
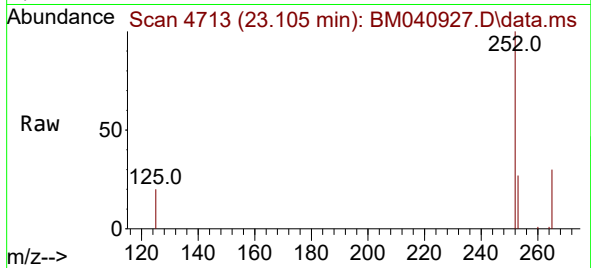




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. 0.003 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

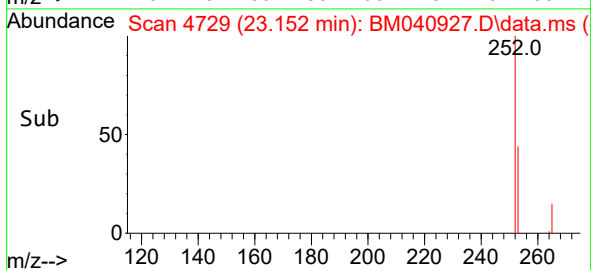
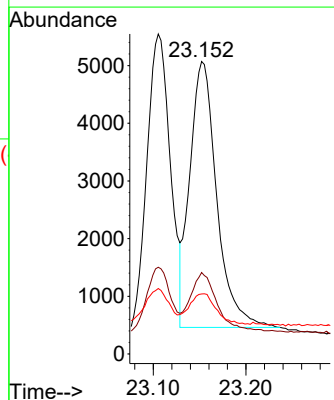
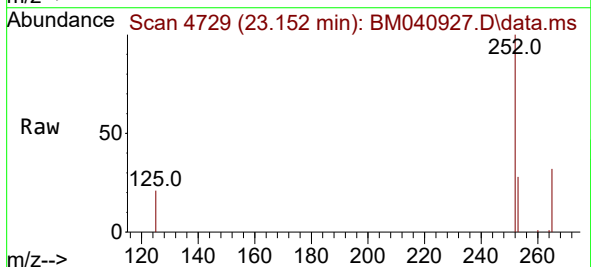
Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

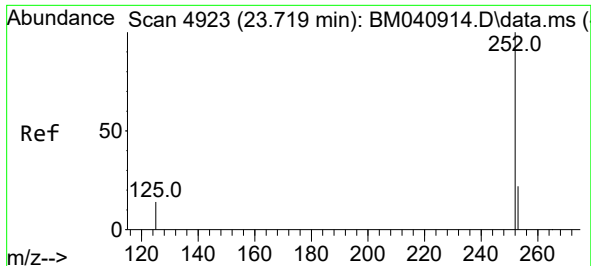
Tgt Ion:252 Resp: 9570
Ion Ratio Lower Upper
252 100
253 27.1 0.0 52.8
125 20.4 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.152 min Scan# 4729
Delta R.T. 0.003 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

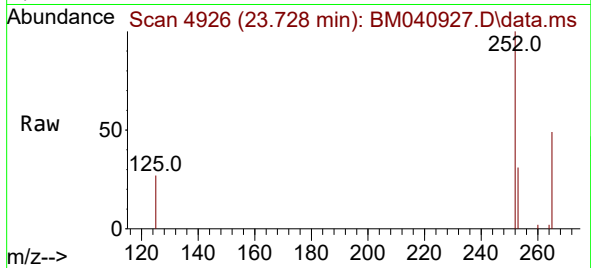
Tgt Ion:252 Resp: 9325
Ion Ratio Lower Upper
252 100
253 27.8 21.2 31.8
125 20.5 16.4 24.6



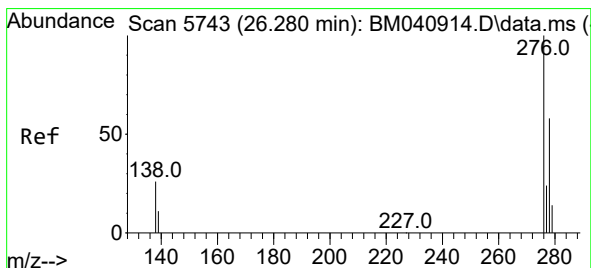
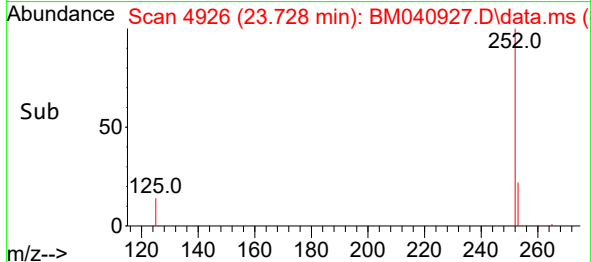
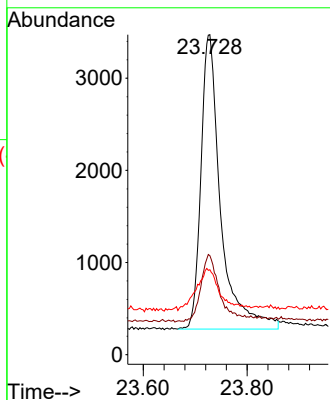


#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.728 min Scan# 4926
Delta R.T. 0.006 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

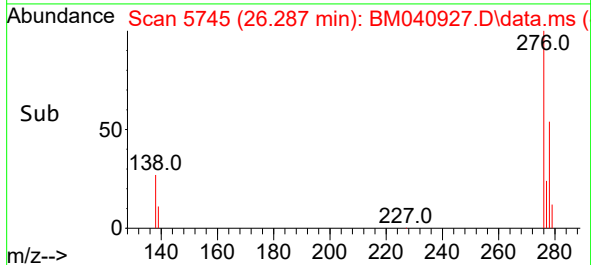
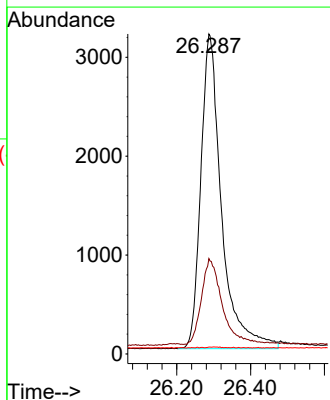
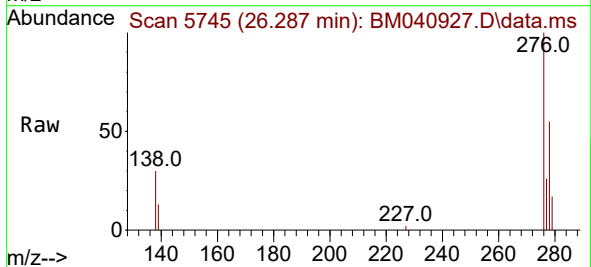


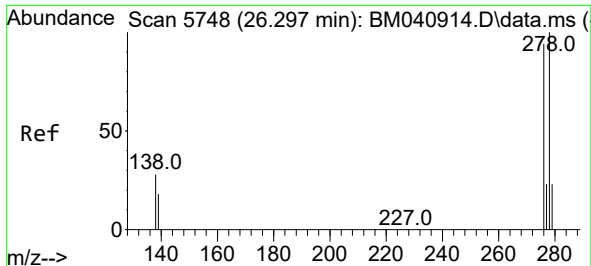
Tgt Ion:252 Resp: 8416
Ion Ratio Lower Upper
252 100
253 31.0 22.9 34.3
125 26.5 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 26.287 min Scan# 5745
Delta R.T. -0.003 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

Tgt Ion:276 Resp: 12397
Ion Ratio Lower Upper
276 100
138 27.8 24.5 36.7
227 0.0 0.1 0.1#

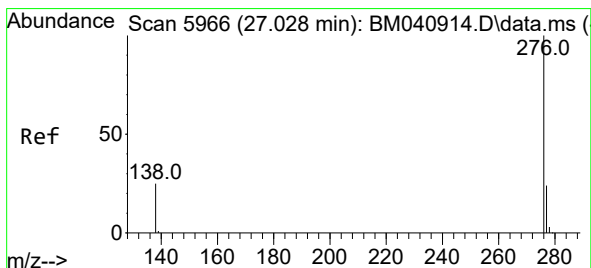
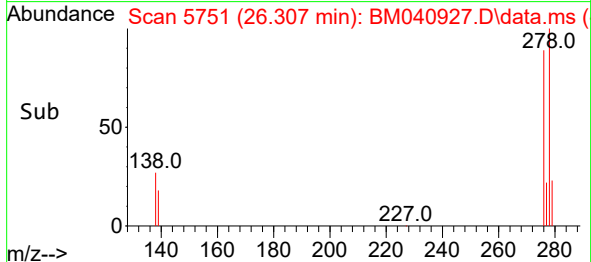
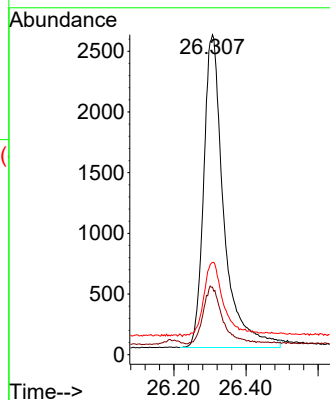
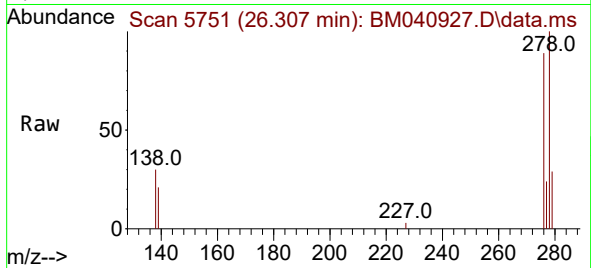




#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.307 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4183

Tgt Ion:278 Resp: 9975
Ion Ratio Lower Upper
278 100
139 21.1 17.9 26.9
279 28.8 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 27.045 min Scan# 5971
Delta R.T. -0.000 min
Lab File: BM040927.D
Acq: 17 Jul 2023 18:05

Tgt Ion:276 Resp: 11088
Ion Ratio Lower Upper
276 100
138 26.2 23.0 34.6
277 24.9 20.3 30.5

