

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020723\
 Data File : BM038703.D
 Acq On : 07 Feb 2023 11:20
 Operator : CG/JU
 Sample : SST0.229
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2044

Quant Time: Feb 07 13:54:18 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 13:52:00 2023
 Response via : Initial Calibration

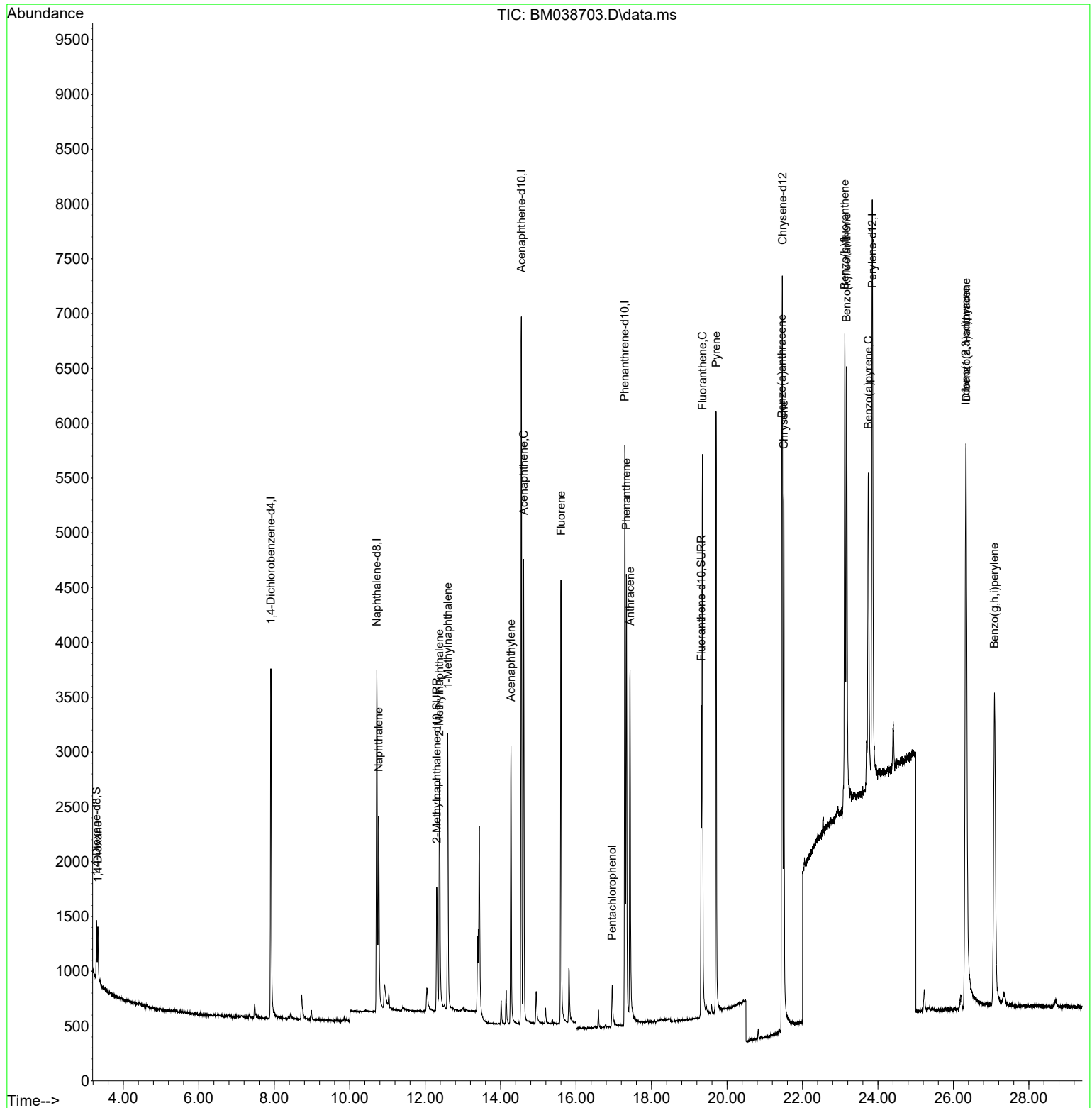
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	1968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.719	136	5049	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.550	164	3596	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	7442	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	5897	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	7915	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	428	0.166	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	1804	0.230	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	3604	0.214	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.326	88	393	0.150	ng/ul#	88
5) Naphthalene	10.768	128	2551	0.155	ng/ul	95
7) 2-Methylnaphthalene	12.379	142	1825	0.210	ng/ul	100
8) 1-Methylnaphthalene	12.599	142	1877	0.210	ng/ul	99
10) Acenaphthylene	14.273	152	3184	0.201	ng/ul	99
11) Acenaphthene	14.610	153	2397	0.198	ng/ul	99
12) Fluorene	15.601	166	2874	0.190	ng/ul	98
14) Pentachlorophenol	16.957	266	355	0.117	ng/ul	95
15) Phenanthrene	17.333	178	4538	0.189	ng/ul	98
16) Anthracene	17.430	178	4121	0.201	ng/ul	98
19) Fluoranthene	19.348	202	4876	0.232	ng/ul	99
20) Pyrene	19.710	202	5284	0.234	ng/ul	99
21) Benzo(a)anthracene	21.451	228	4157	0.198	ng/ul	99
22) Chrysene	21.507	228	4392	0.209	ng/ul	99
24) Benzo(b)fluoranthene	23.123	252	5842	0.196	ng/ul	93
25) Benzo(k)fluoranthene	23.170	252	5861	0.203	ng/ul#	93
26) Benzo(a)pyrene	23.749	252	5466	0.204	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.327	276	8119	0.216	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.337	278	6360	0.212	ng/ul	94
29) Benzo(g,h,i)perylene	27.088	276	7282	0.223	ng/ul	97

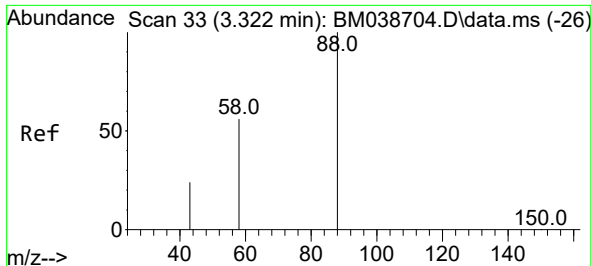
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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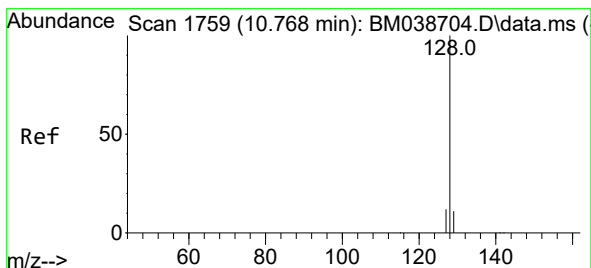
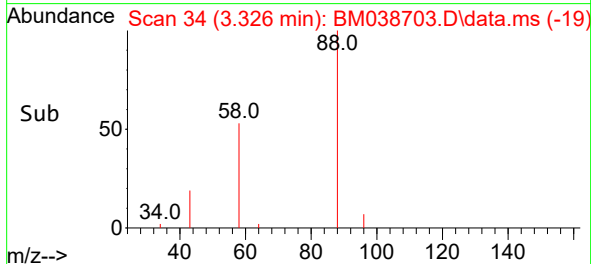
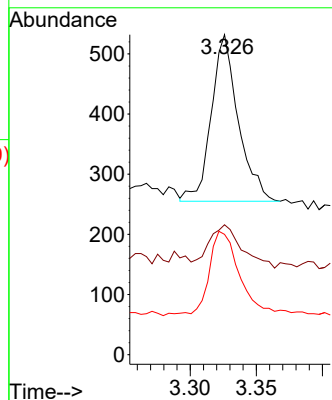
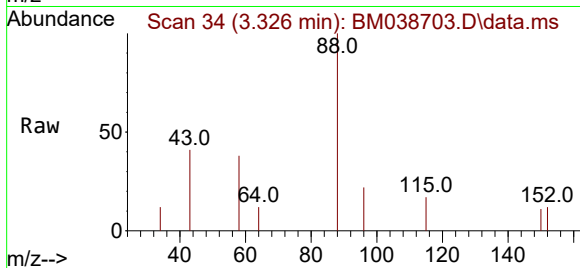




#2
1,4-Dioxane
Concen: 0.150 ng/ul
RT: 3.326 min Scan# 34
Delta R.T. 0.004 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

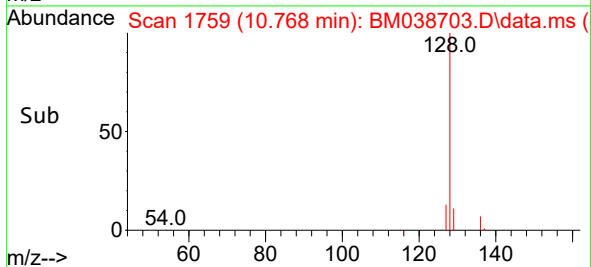
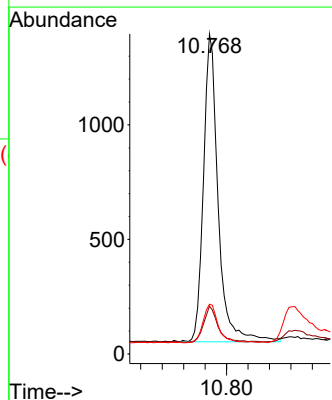
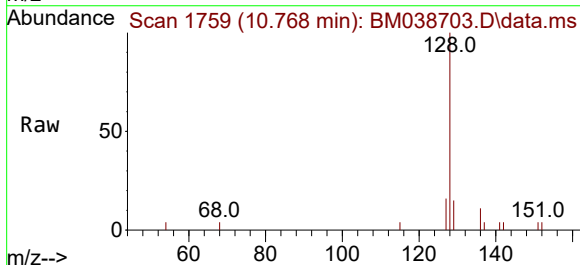
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

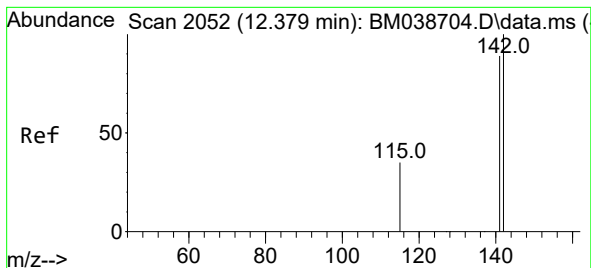
Tgt Ion: 88 Resp: 393
Ion Ratio Lower Upper
88 100
43 40.6 28.4 42.6
58 37.6 37.7 56.5#



#5
Naphthalene
Concen: 0.155 ng/ul
RT: 10.768 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

Tgt Ion: 128 Resp: 2551
Ion Ratio Lower Upper
128 100
129 15.0 10.2 15.4
127 15.5 11.2 16.8

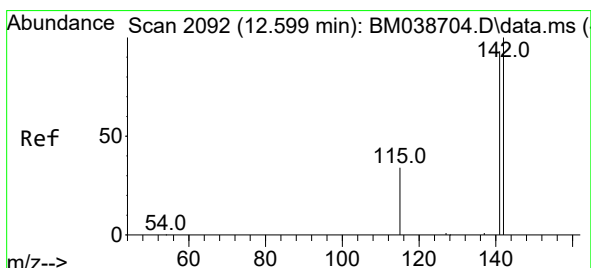
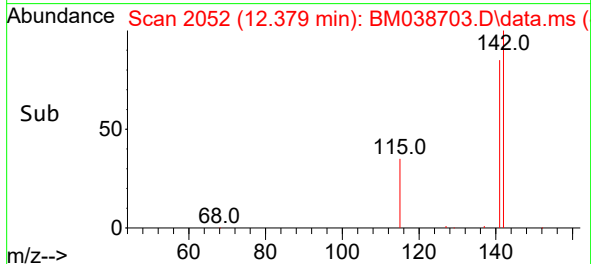
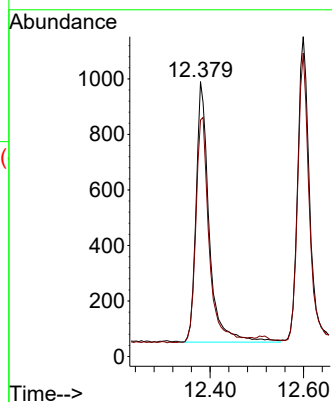
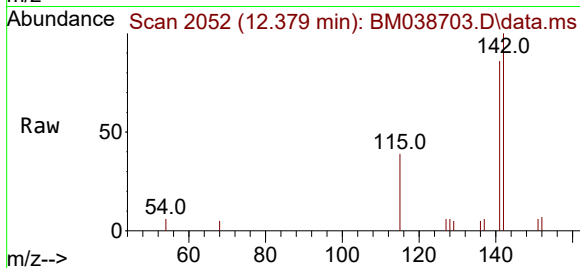




#7
2-Methylnaphthalene
Concen: 0.210 ng/ul
RT: 12.379 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

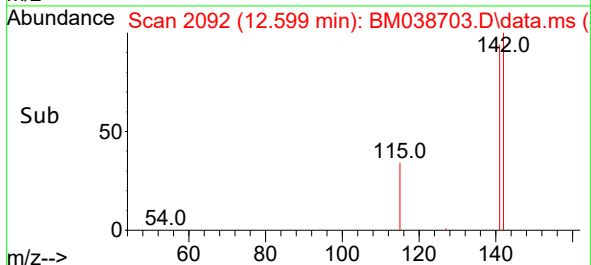
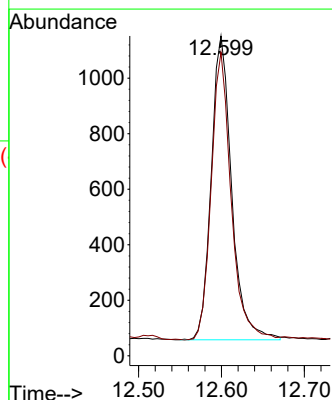
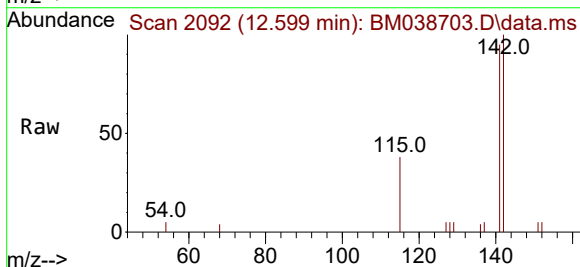
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

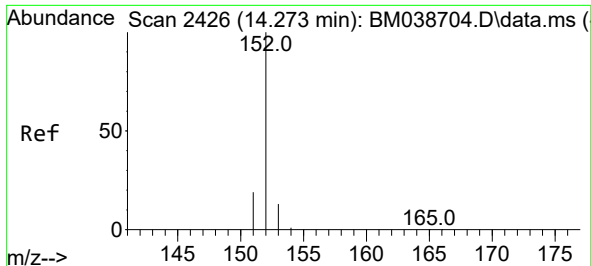
Tgt Ion:142 Resp: 1825
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.210 ng/ul
RT: 12.599 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

Tgt Ion:142 Resp: 1877
Ion Ratio Lower Upper
142 100
141 92.7 74.6 112.0

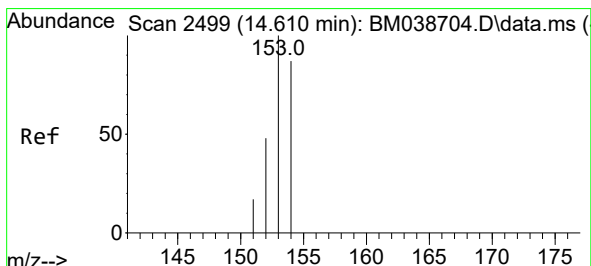
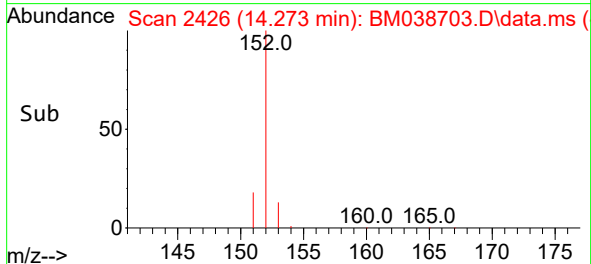
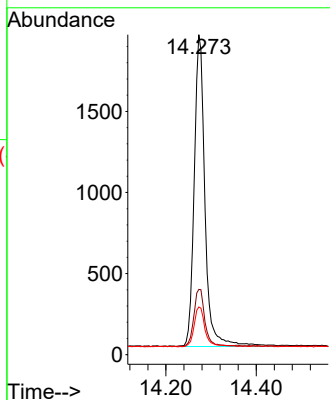
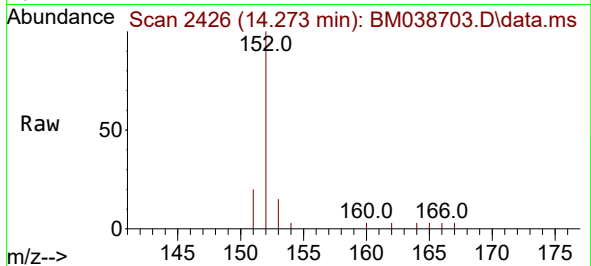




#10
Acenaphthylene
Concen: 0.201 ng/ul
RT: 14.273 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

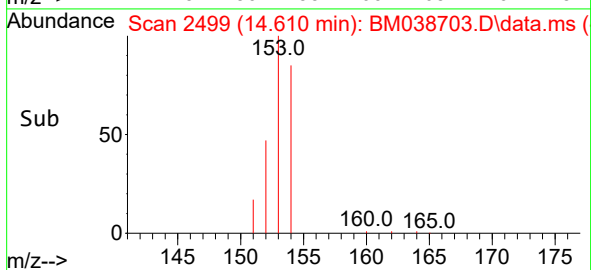
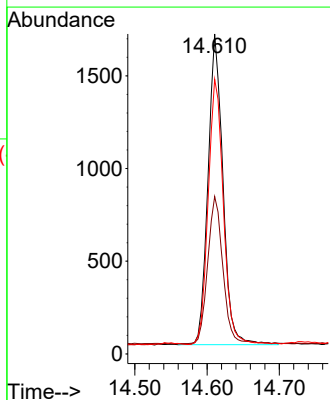
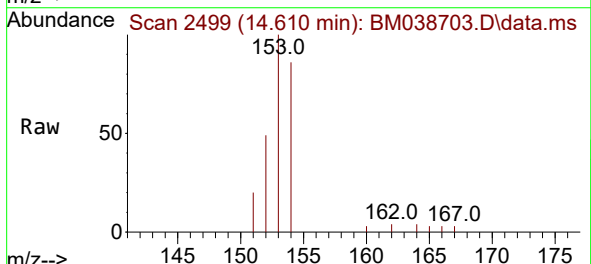
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

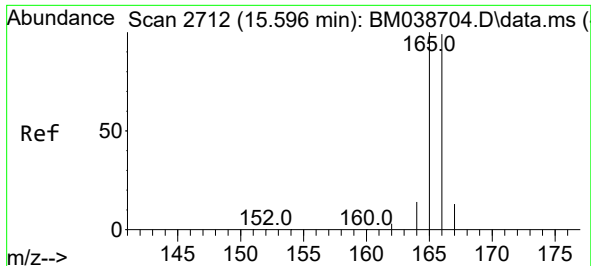
Tgt Ion:152	Resp:	3184
Ion Ratio	Lower	Upper
152	100	
151	20.4	16.5 24.7
153	14.9	11.2 16.8



#11
Acenaphthene
Concen: 0.198 ng/ul
RT: 14.610 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

Tgt Ion:153	Resp:	2397
Ion Ratio	Lower	Upper
153	100	
152	49.2	39.6 59.4
154	85.9	69.6 104.4

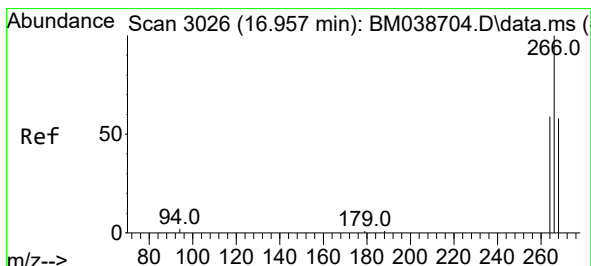
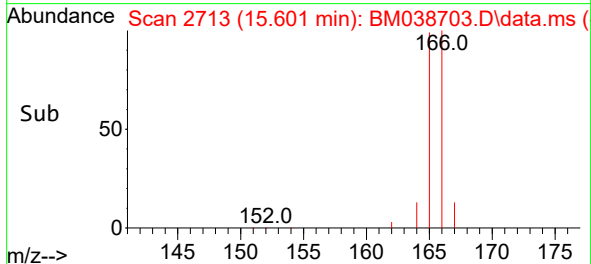
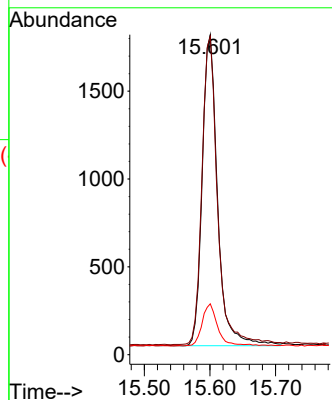
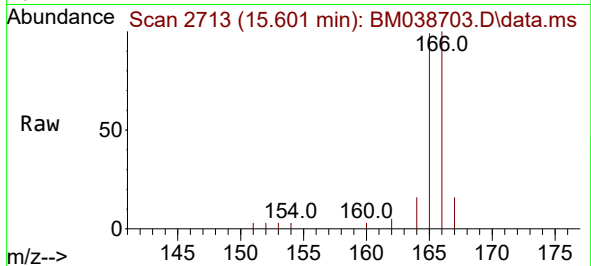




#12
Fluorene
Concen: 0.190 ng/ul
RT: 15.601 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

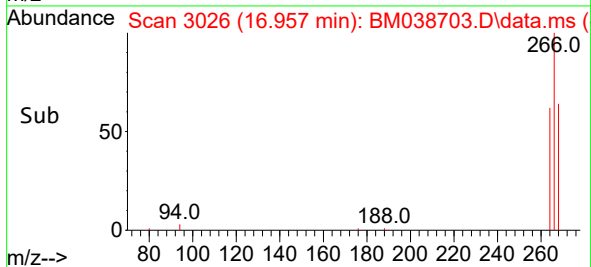
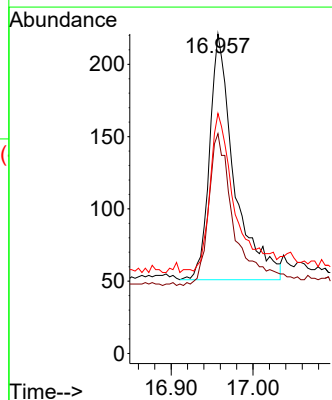
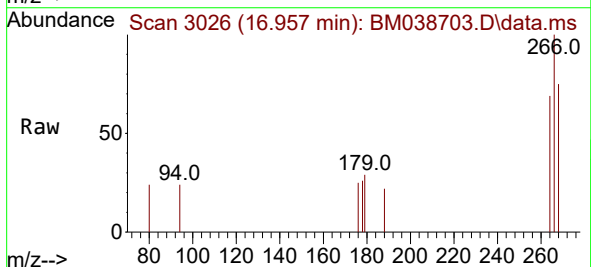
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

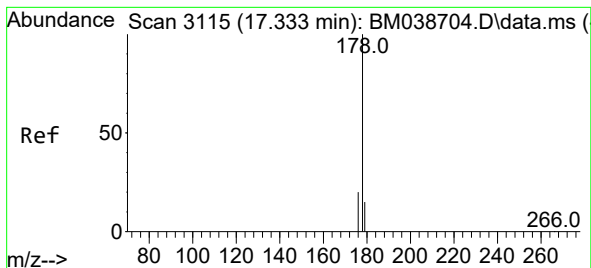
Tgt Ion:166 Resp: 2874
Ion Ratio Lower Upper
166 100
165 99.5 80.7 121.1
167 15.9 11.8 17.6



#14
Pentachlorophenol
Concen: 0.117 ng/ul
RT: 16.957 min Scan# 3026
Delta R.T. 0.000 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

Tgt Ion:266 Resp: 355
Ion Ratio Lower Upper
266 100
264 66.8 47.3 70.9
268 63.9 50.9 76.3





#15

Phenanthrene

Concen: 0.189 ng/ul

RT: 17.333 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM038703.D

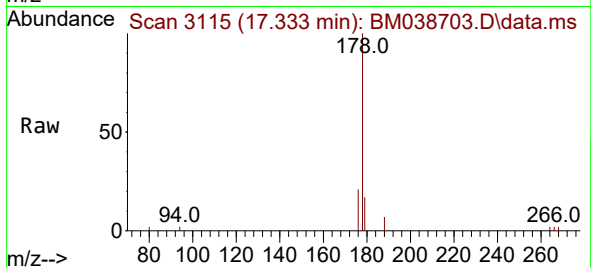
Acq: 07 Feb 2023 11:20

Instrument :

BNA_M

ClientSampleId :

SSTD0.2044



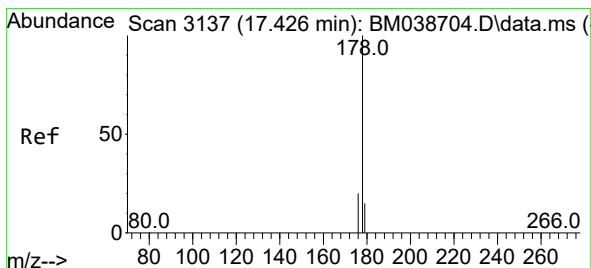
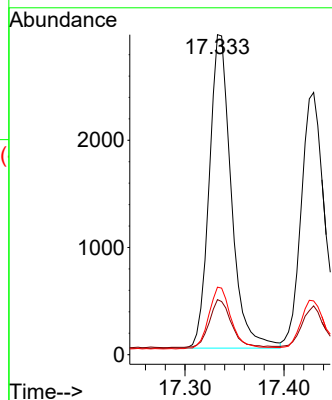
Tgt Ion:178 Resp: 4538

Ion Ratio Lower Upper

178 100

179 17.2 13.0 19.6

176 21.1 16.5 24.7



#16

Anthracene

Concen: 0.201 ng/ul

RT: 17.430 min Scan# 3138

Delta R.T. 0.004 min

Lab File: BM038703.D

Acq: 07 Feb 2023 11:20

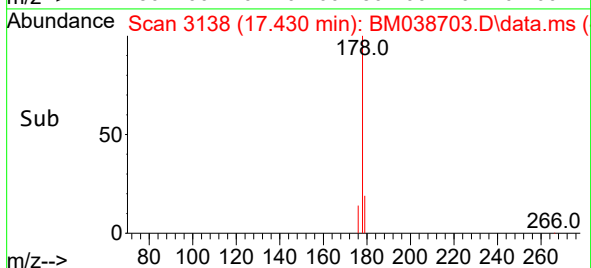
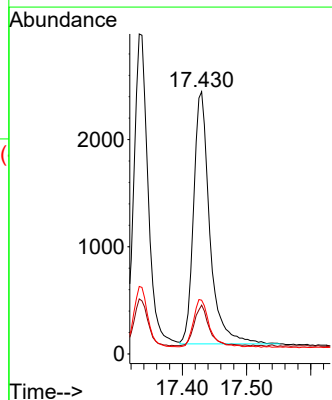
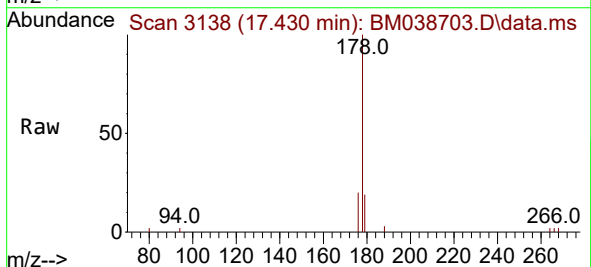
Tgt Ion:178 Resp: 4121

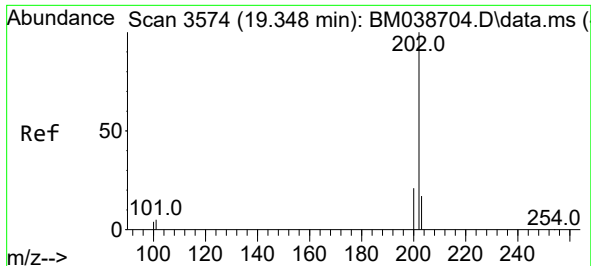
Ion Ratio Lower Upper

178 100

179 18.6 13.2 19.8

176 20.5 16.6 24.8

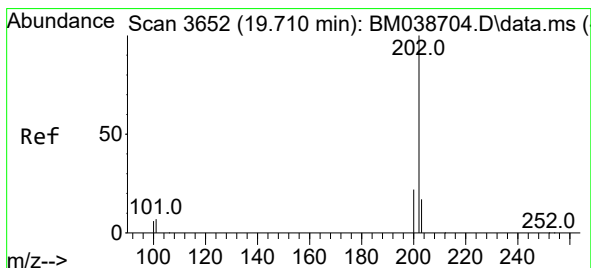
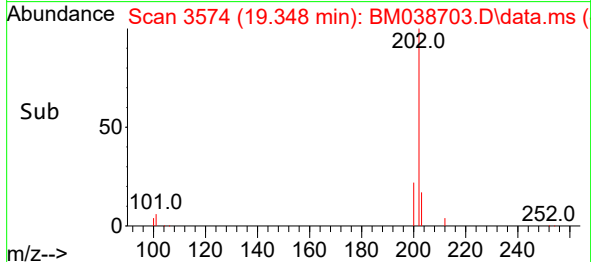
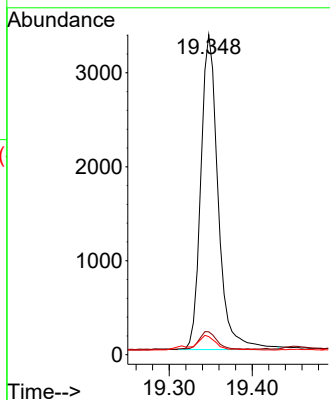
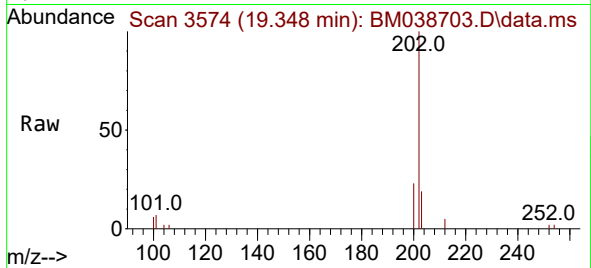




#19
Fluoranthene
Concen: 0.232 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. 0.000 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

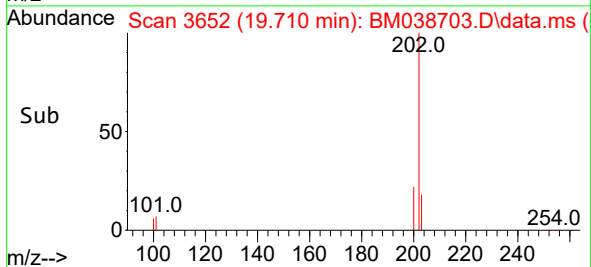
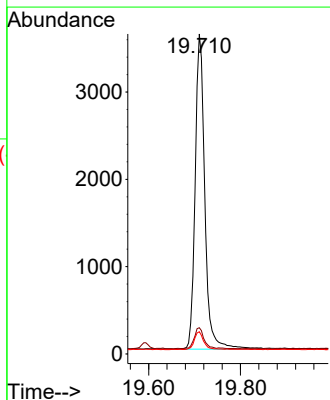
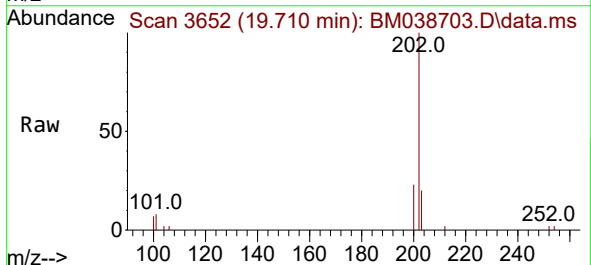
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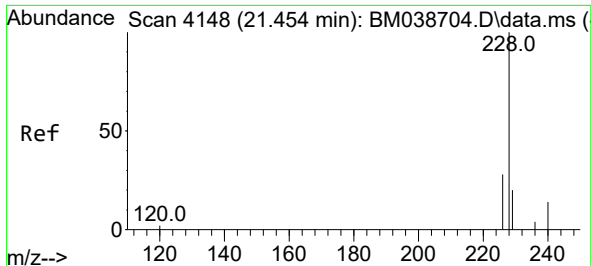
Tgt Ion:202 Resp: 4876
Ion Ratio Lower Upper
202 100
101 7.2 5.0 7.6
100 5.7 4.6 6.8



#20
Pyrene
Concen: 0.234 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

Tgt Ion:202 Resp: 5284
Ion Ratio Lower Upper
202 100
101 8.2 6.2 9.2
100 6.9 5.2 7.8

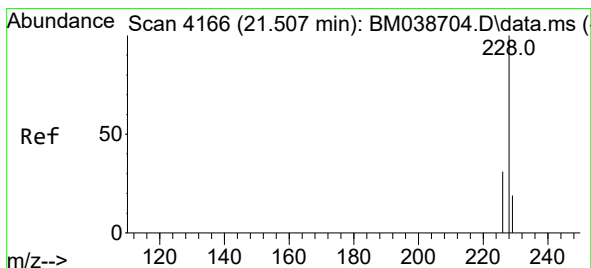
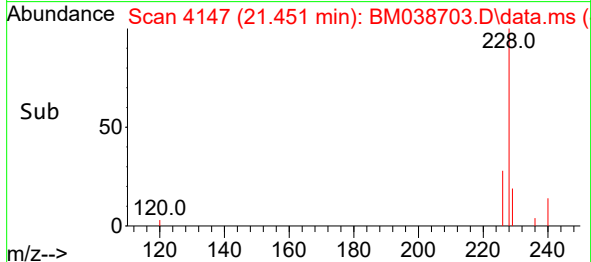
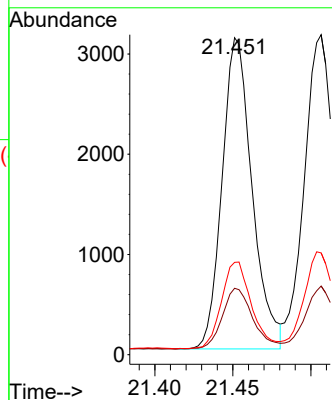
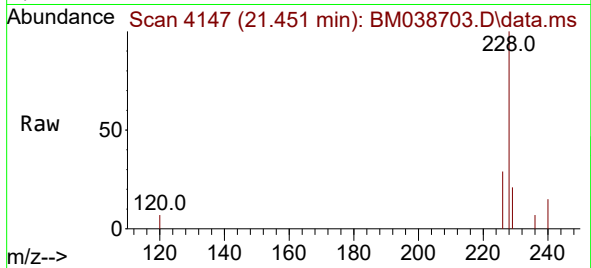




#21
Benzo(a)anthracene
Concen: 0.198 ng/ul
RT: 21.451 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

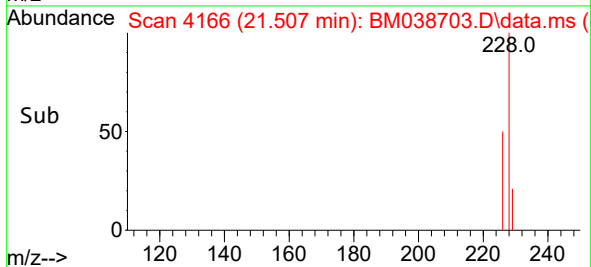
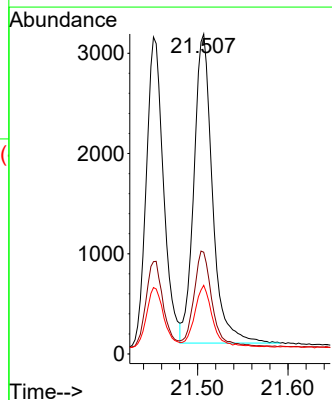
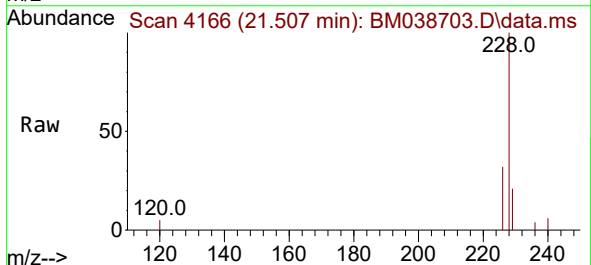
Instrument :
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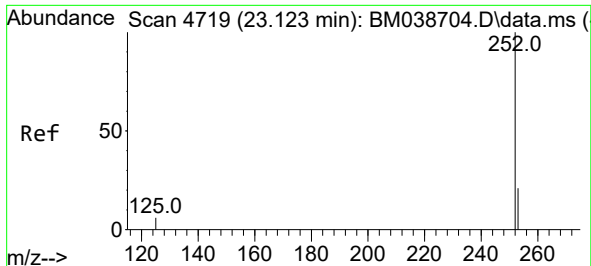
Tgt Ion:228 Resp: 4157
Ion Ratio Lower Upper
228 100
229 20.9 17.0 25.6
226 29.1 23.0 34.6



#22
Chrysene
Concen: 0.209 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

Tgt Ion:228 Resp: 4392
Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.0
229 21.4 16.0 24.0

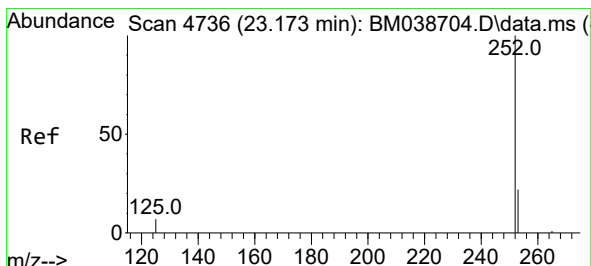
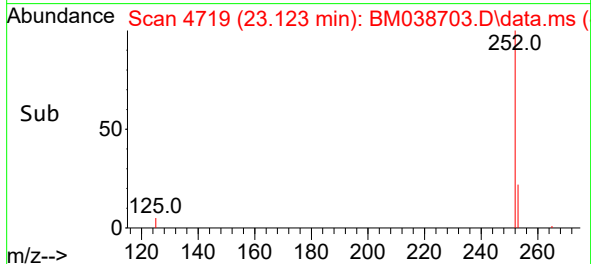
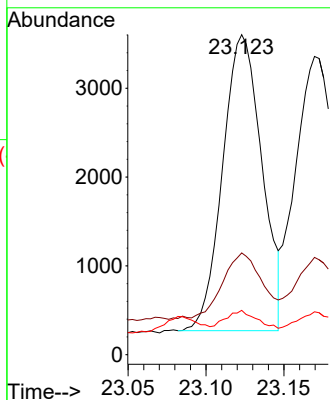
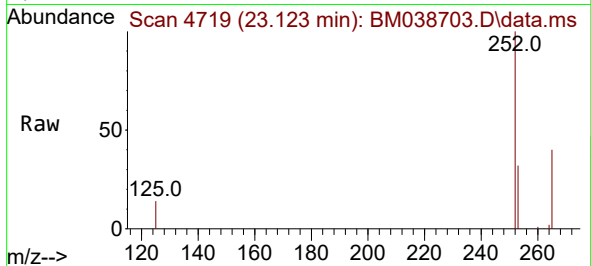




#24
Benzo(b)fluoranthene
Concen: 0.196 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. 0.000 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

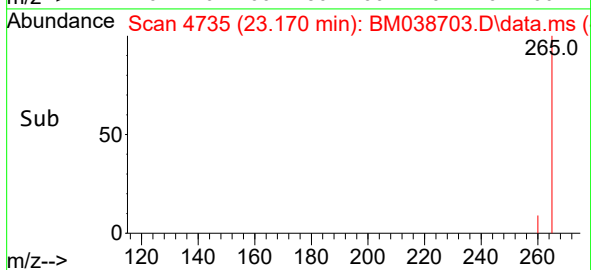
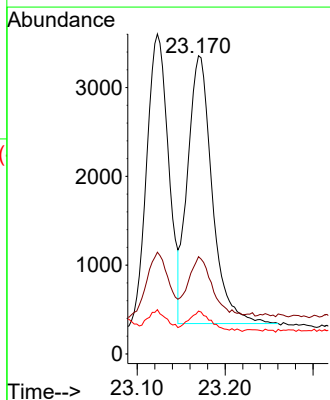
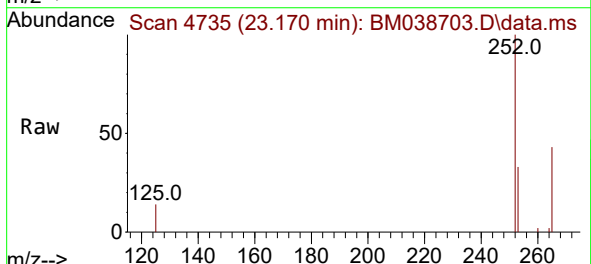
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

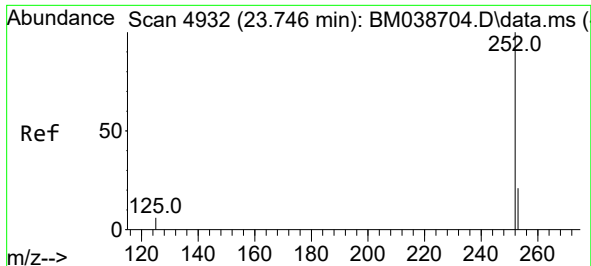
Tgt Ion:252 Resp: 5842
Ion Ratio Lower Upper
252 100
253 31.8 0.0 56.4
125 13.9 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.203 ng/ul
RT: 23.170 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

Tgt Ion:252 Resp: 5861
Ion Ratio Lower Upper
252 100
253 32.6 23.0 34.6
125 14.4 9.4 14.0#

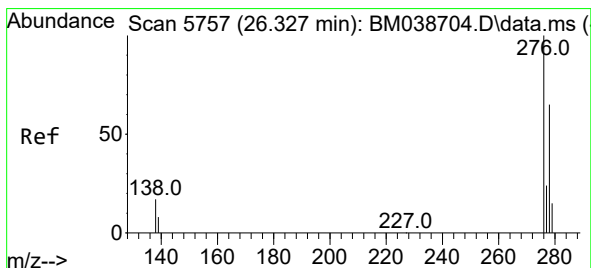
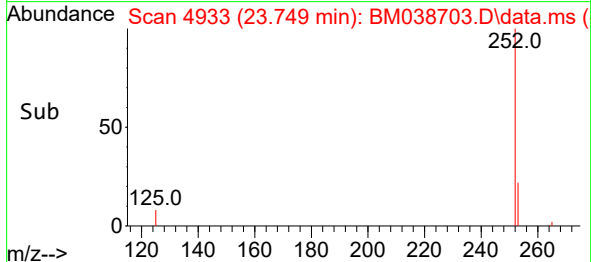
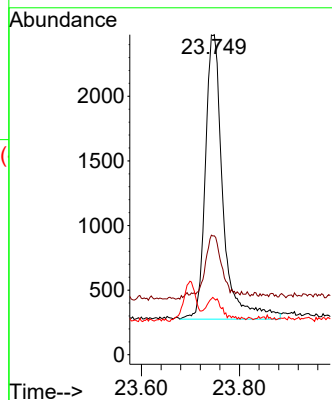
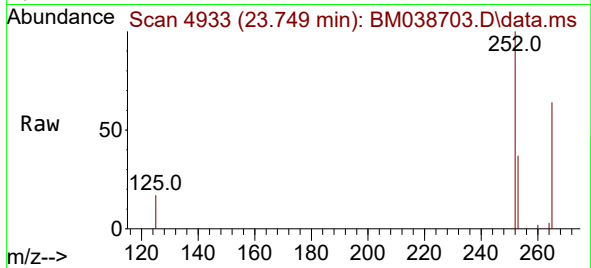




#26
Benzo(a)pyrene
Concen: 0.204 ng/ul
RT: 23.749 min Scan# 4933
Delta R.T. 0.003 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

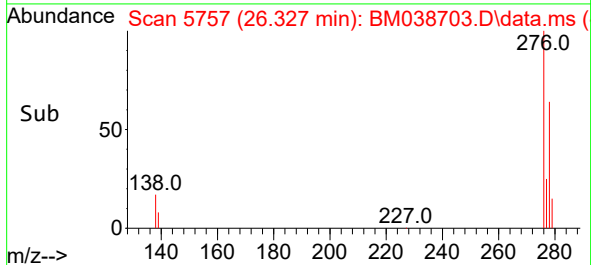
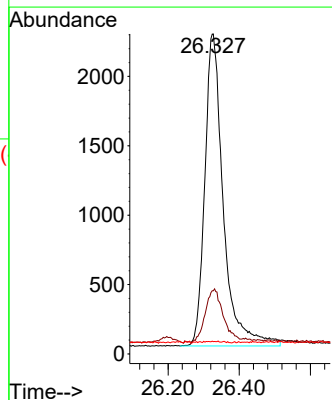
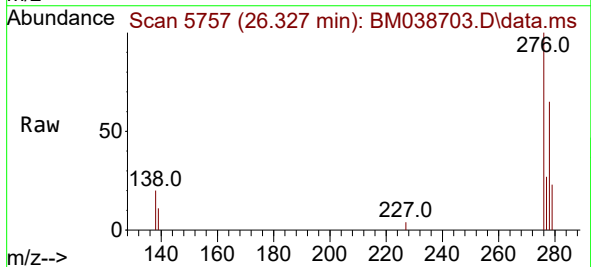
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

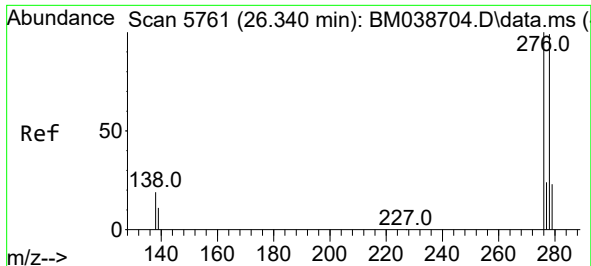
Tgt Ion:252 Resp: 5466
Ion Ratio Lower Upper
252 100
253 37.2 25.2 37.8
125 17.4 11.4 17.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.216 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. 0.000 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

Tgt Ion:276 Resp: 8119
Ion Ratio Lower Upper
276 100
138 17.1 13.5 20.3
227 0.0 0.2 0.2#

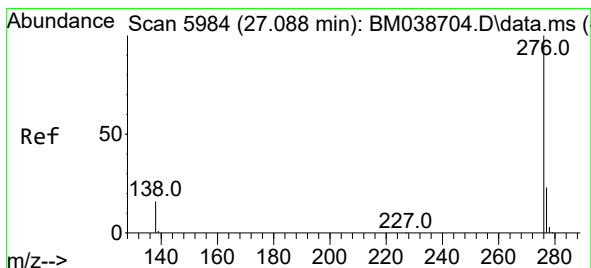
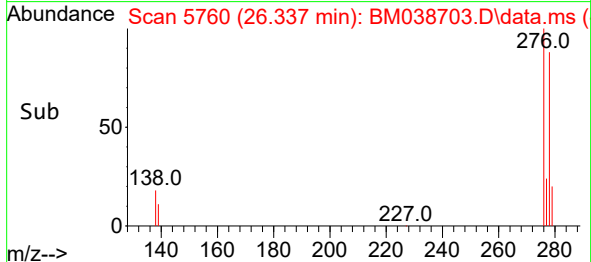
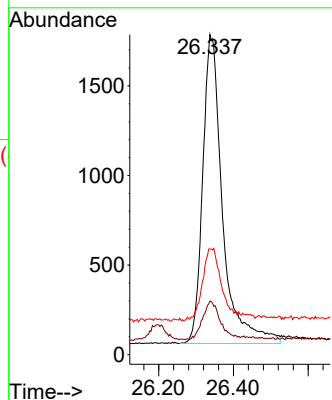
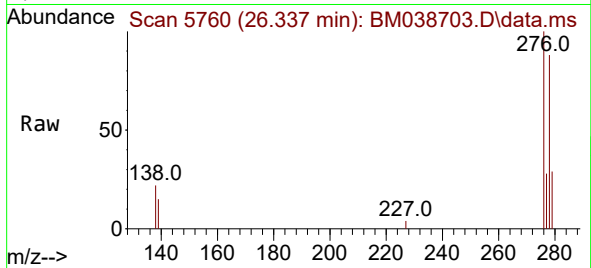




#28
Dibenzo(a,h)anthracene
Concen: 0.212 ng/ul
RT: 26.337 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

Tgt Ion:278 Resp: 6360
Ion Ratio Lower Upper
278 100
139 16.7 11.2 16.8
279 33.0 23.8 35.8



#29
Benzo(g,h,i)perylene
Concen: 0.223 ng/ul
RT: 27.088 min Scan# 5984
Delta R.T. 0.000 min
Lab File: BM038703.D
Acq: 07 Feb 2023 11:20

Tgt Ion:276 Resp: 7282
Ion Ratio Lower Upper
276 100
138 19.6 14.5 21.7
277 26.7 20.5 30.7

