

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
 Data File : BM033623.D
 Acq On : 04 Jan 2022 13:35
 Operator : CG/JU
 Sample : SST0.438
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4038

Quant Time: Jan 04 14:19:16 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 04 14:17:24 2022
 Response via : Initial Calibration

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

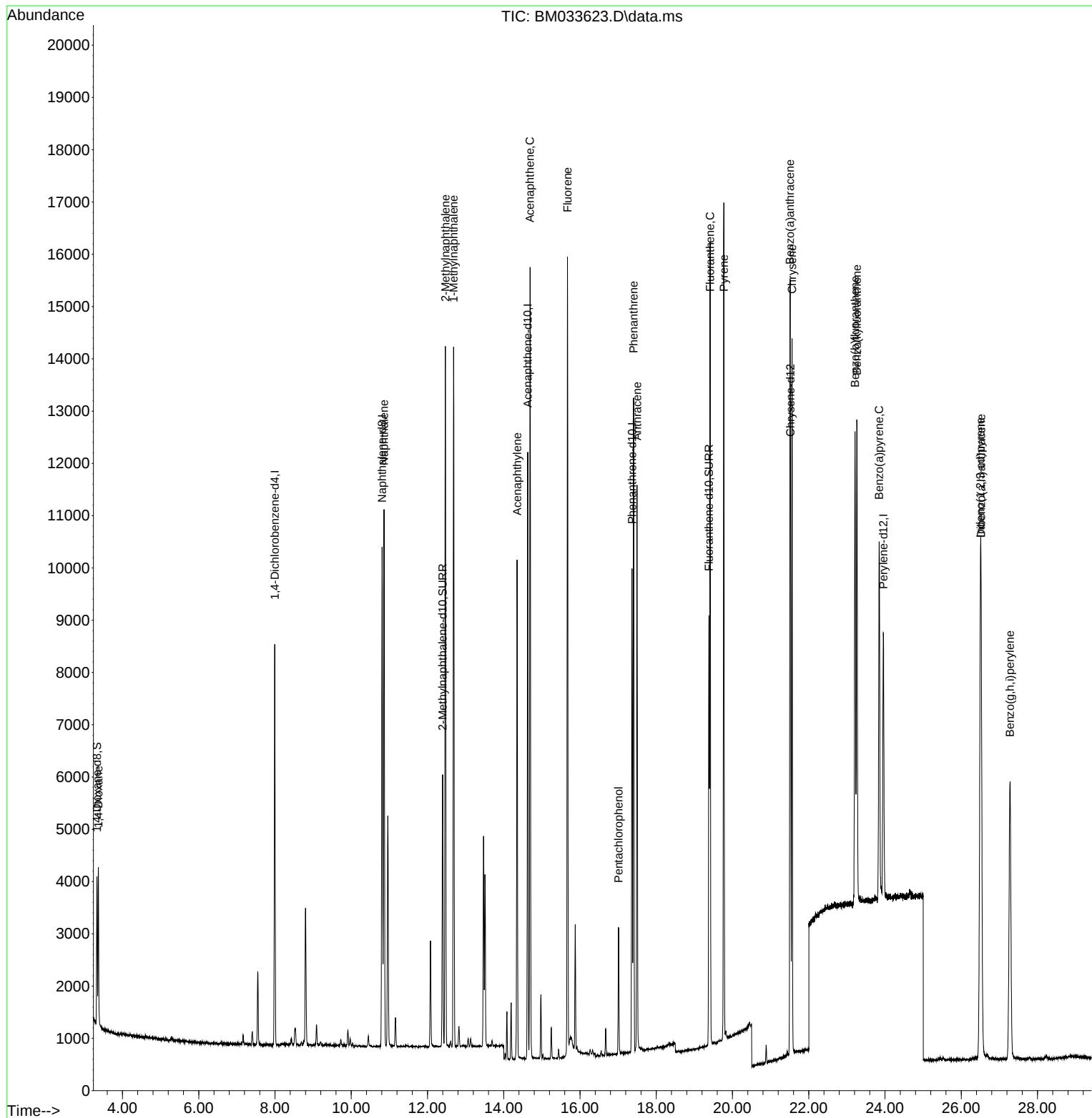
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	3676	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	12122	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.629	164	6016	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.365	188	10127	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	6933	0.400	ng/ul #	0.00
23) Perylene-d12	23.958	264	7183	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1524	0.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	6359	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.384	212	8318	0.519	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	1690	0.416	ng/ul#	84
5) Naphthalene	10.860	128	13675	0.341	ng/ul#	88
7) 2-Methylnaphthalene	12.470	142	8750	0.321	ng/ul	99
8) 1-Methylnaphthalene	12.686	142	8634	0.339	ng/ul	99
10) Acenaphthylene	14.352	152	10768	0.334	ng/ul#	90
11) Acenaphthene	14.690	153	8617	0.351	ng/ul	96
12) Fluorene	15.672	166	11258	0.414	ng/ul#	96
14) Pentachlorophenol	17.011	266	1520	0.300	ng/ul	96
15) Phenanthrene	17.406	178	12704	0.387	ng/ul	94
16) Anthracene	17.497	178	11460	0.372	ng/ul#	92
19) Fluoranthene	19.414	202	12635	0.594	ng/ul	98
20) Pyrene	19.773	202	12661	0.569	ng/ul#	94
21) Benzo(a)anthracene	21.509	228	10998	0.578	ng/ul	98
22) Chrysene	21.562	228	11372	0.530	ng/ul	97
24) Benzo(b)fluoranthene	23.214	252	11930	0.525	ng/ul	91
25) Benzo(k)fluoranthene	23.262	252	11907	0.500	ng/ul#	89
26) Benzo(a)pyrene	23.849	252	10416	0.495	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.502	276	13782	0.473	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.521	278	10968	0.469	ng/ul#	92
29) Benzo(g,h,i)perylene	27.282	276	11985	0.466	ng/ul#	91

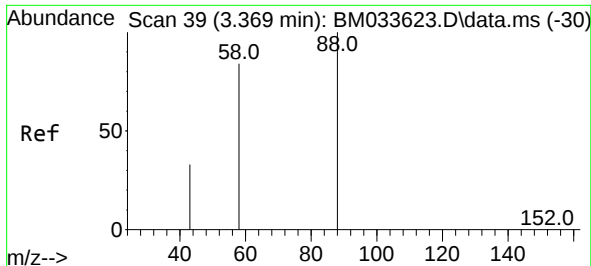
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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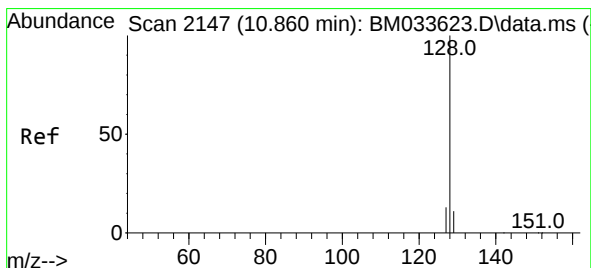
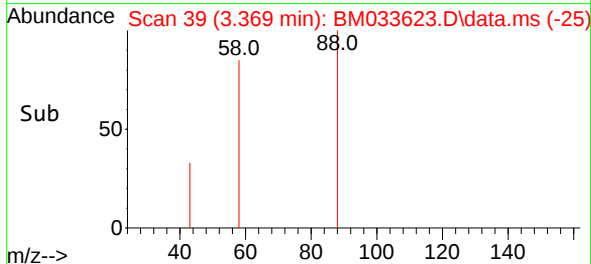
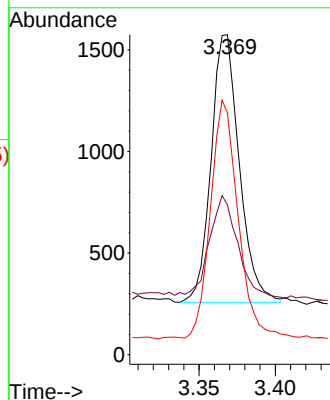
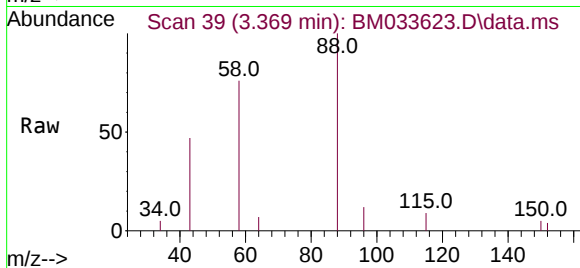




#2
1,4-Dioxane
Concen: 0.416 ng/ul
RT: 3.369 min Scan# 39
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

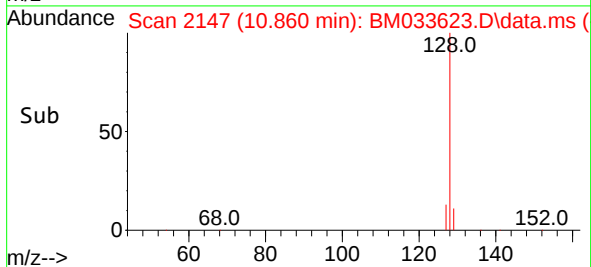
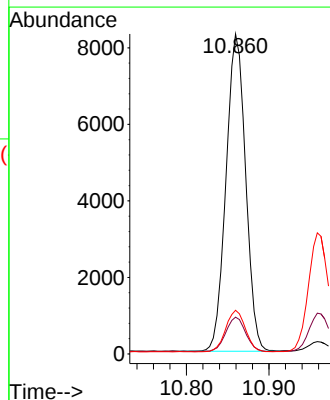
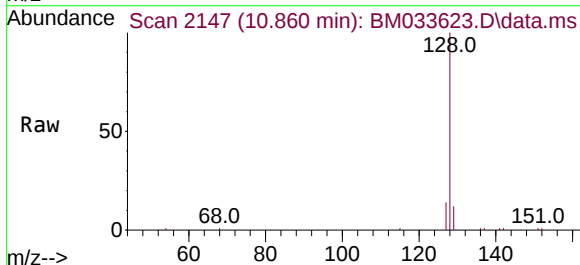
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

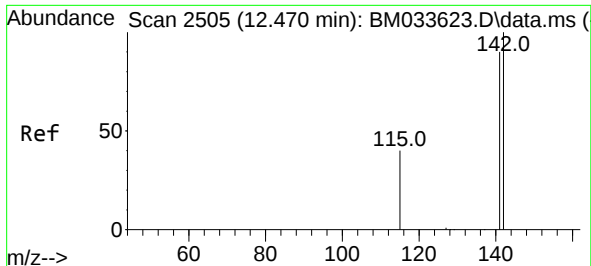
Tgt Ion: 88 Resp: 1690
Ion Ratio Lower Upper
88 100
43 46.9 49.7 74.5#
58 75.6 52.5 78.7



#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.860 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

Tgt Ion: 128 Resp: 13675
Ion Ratio Lower Upper
128 100
129 11.5 13.4 20.2#
127 13.6 15.2 22.8#

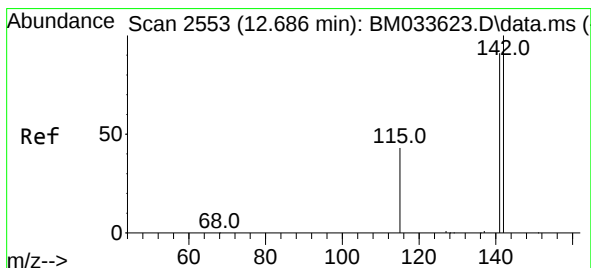
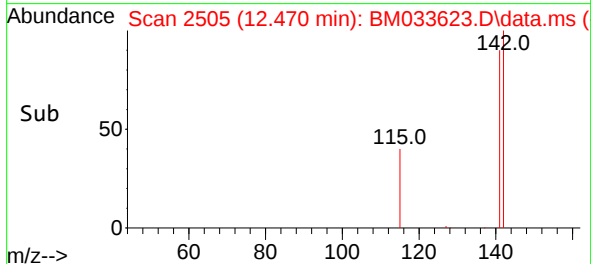
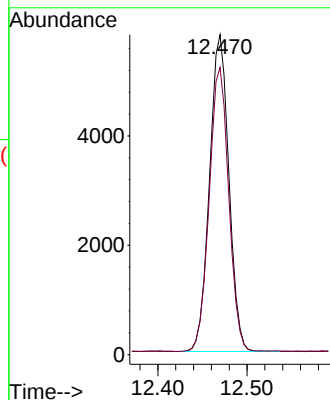
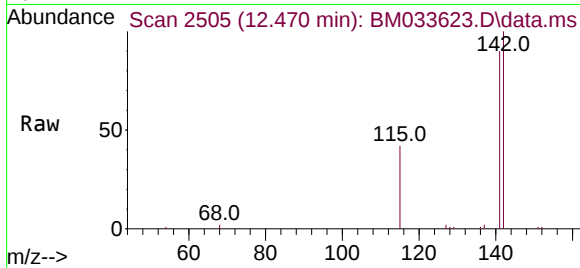




#7
2-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.470 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

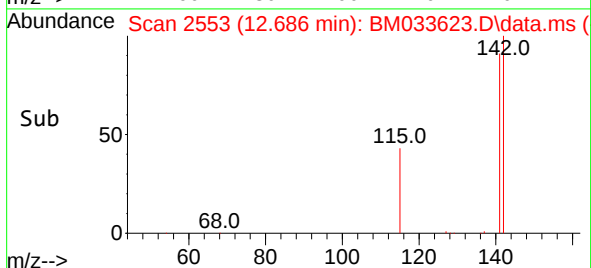
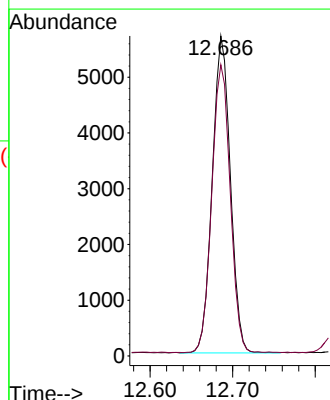
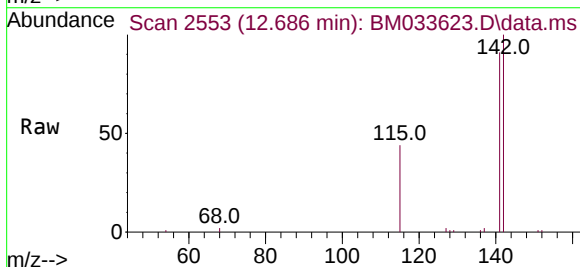
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

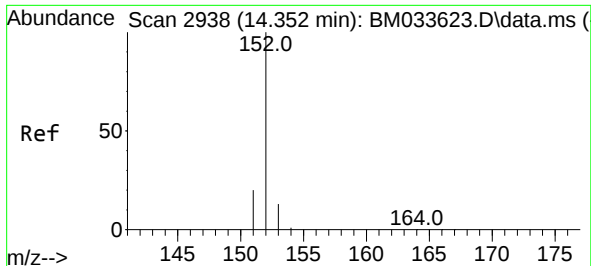
Tgt Ion:142 Resp: 8750
Ion Ratio Lower Upper
142 100
141 90.5 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.686 min Scan# 2553
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

Tgt Ion:142 Resp: 8634
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4

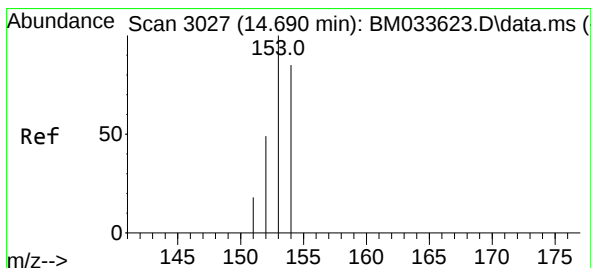
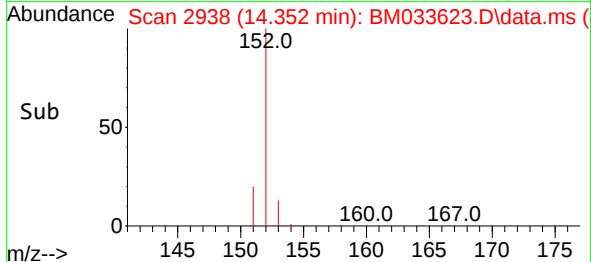
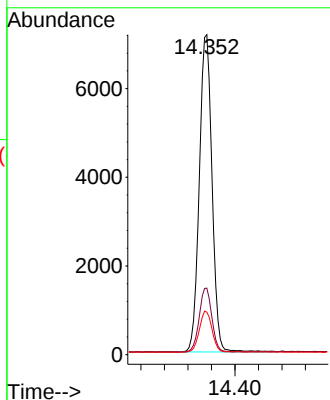
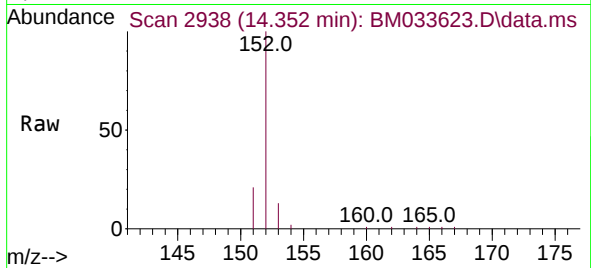




#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 14.352 min Scan# 2938
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

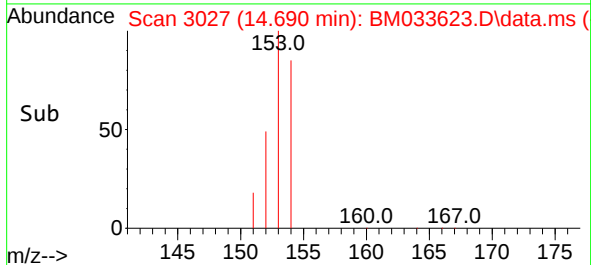
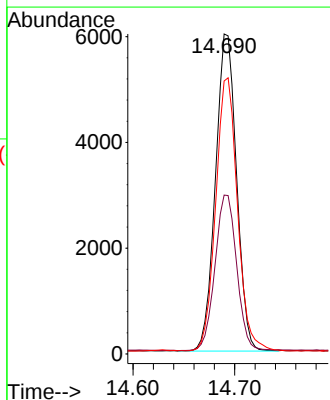
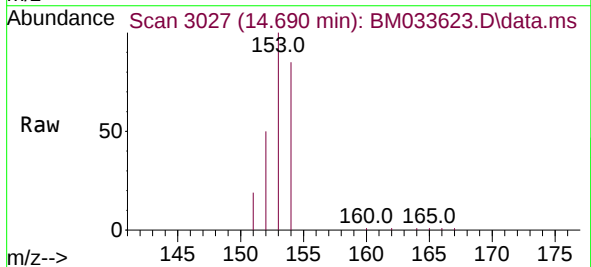
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

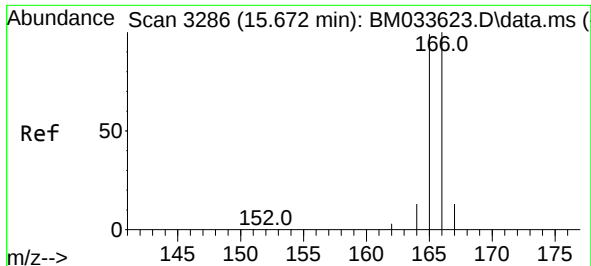
Tgt Ion:152 Resp: 10768
Ion Ratio Lower Upper
152 100
151 20.8 19.9 29.9
153 13.3 15.0 22.4#



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.690 min Scan# 3027
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

Tgt Ion:153 Resp: 8617
Ion Ratio Lower Upper
153 100
152 49.7 42.4 63.6
154 85.3 66.2 99.2

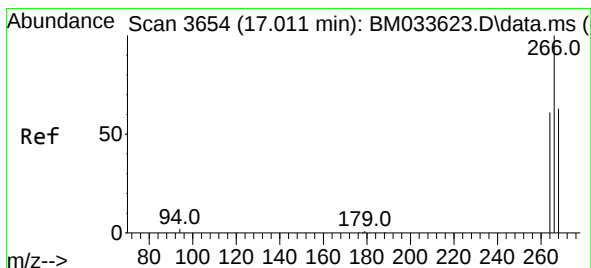
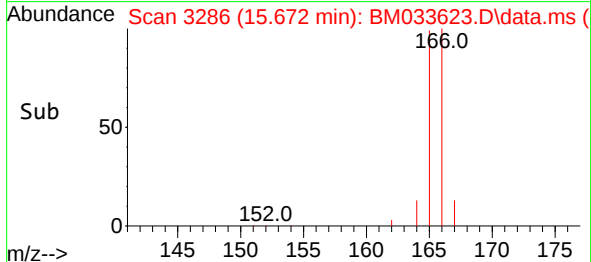
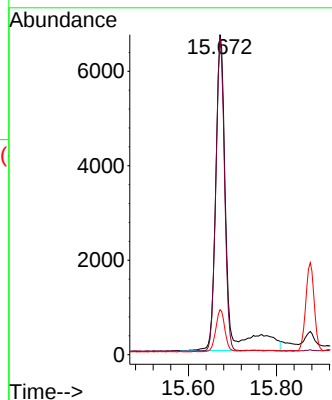
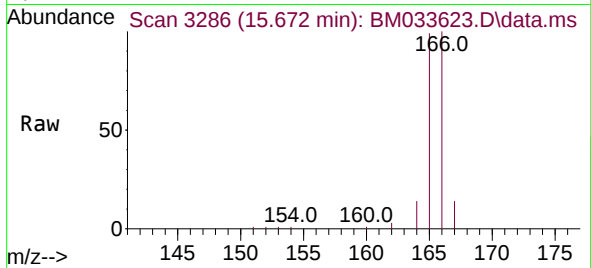




#12
Fluorene
Concen: 0.414 ng/ul
RT: 15.672 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

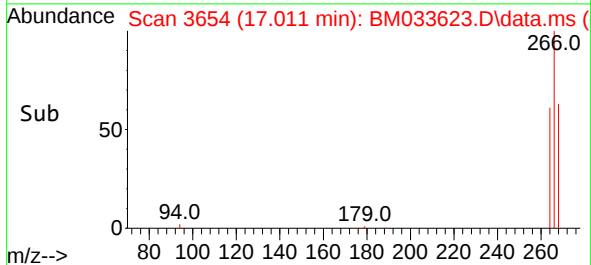
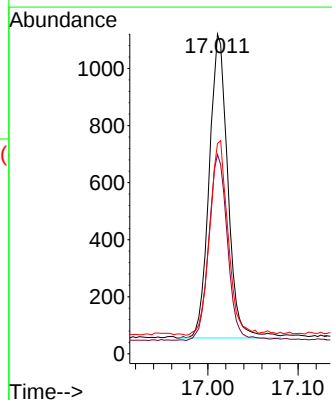
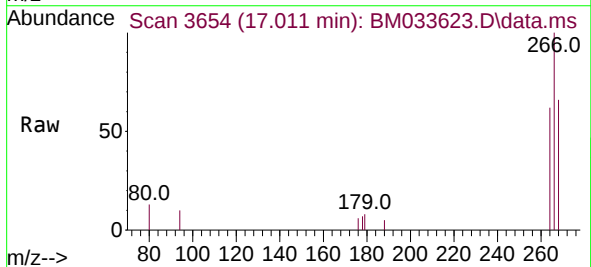
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

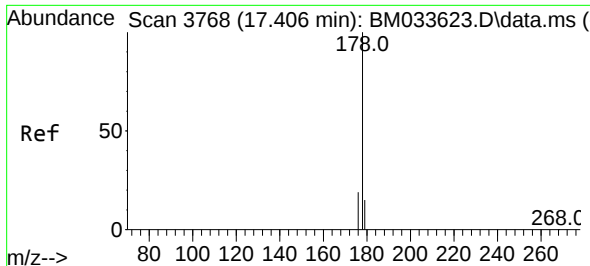
Tgt Ion:166 Resp: 11258
Ion Ratio Lower Upper
166 100
165 99.1 81.1 121.7
167 14.1 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.300 ng/ul
RT: 17.011 min Scan# 3654
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

Tgt Ion:266 Resp: 1520
Ion Ratio Lower Upper
266 100
264 61.6 51.4 77.0
268 63.4 53.1 79.7

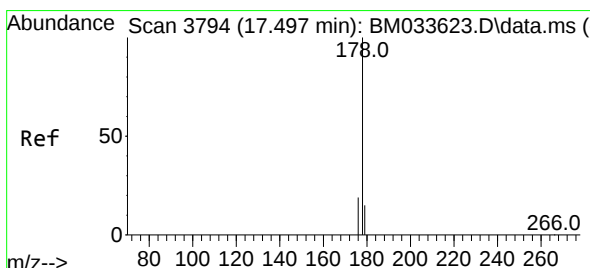
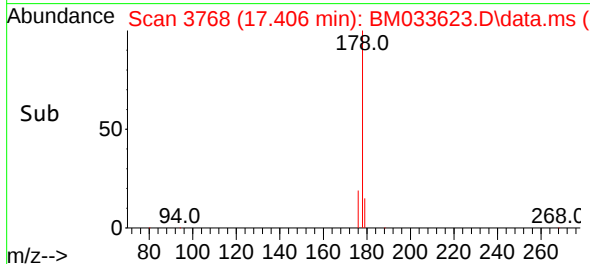
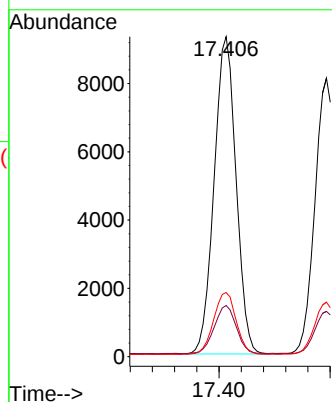
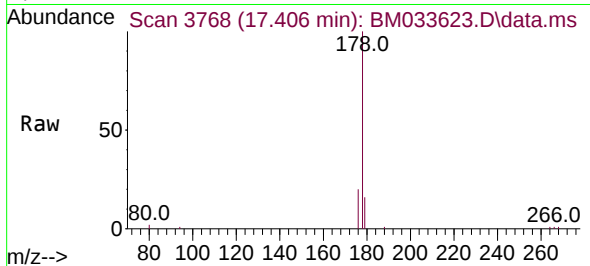




#15
Phenanthrene
Concen: 0.387 ng/u1
RT: 17.406 min Scan# 3768
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

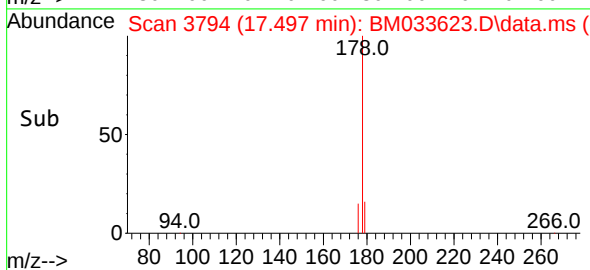
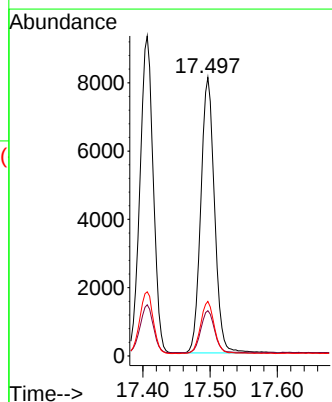
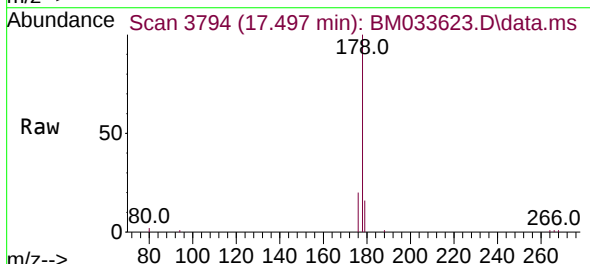
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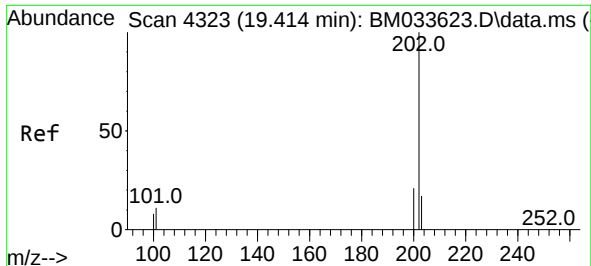
Tgt Ion:	178	Resp:	12704
Ion Ratio	Lower	Upper	
178	100		
179	16.0	15.0	22.6
176	20.0	17.9	26.9



#16
Anthracene
Concen: 0.372 ng/u1
RT: 17.497 min Scan# 3794
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

Tgt Ion:	178	Resp:	11460
Ion Ratio	Lower	Upper	
178	100		
179	16.3	16.5	24.7#
176	19.6	18.3	27.5

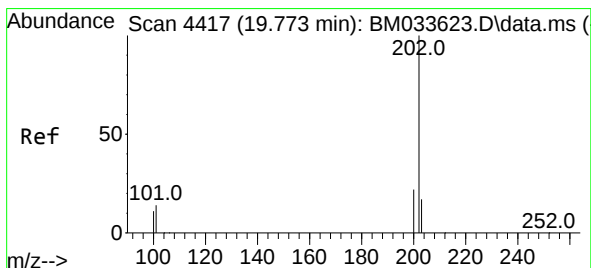
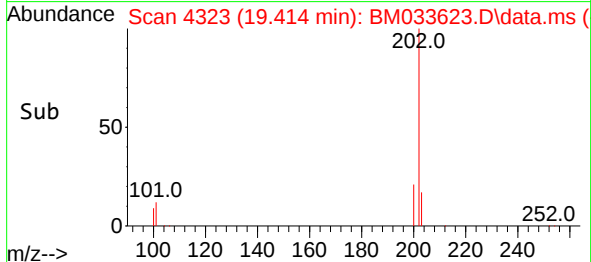
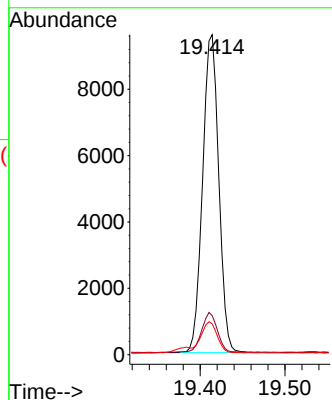
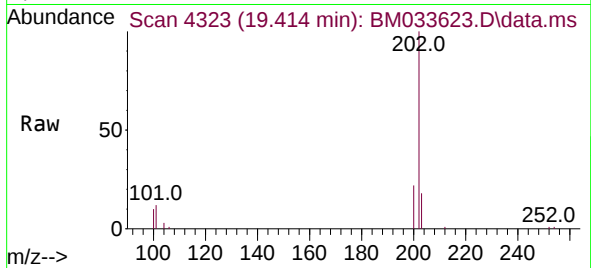




#19
Fluoranthene
Concen: 0.594 ng/u1
RT: 19.414 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

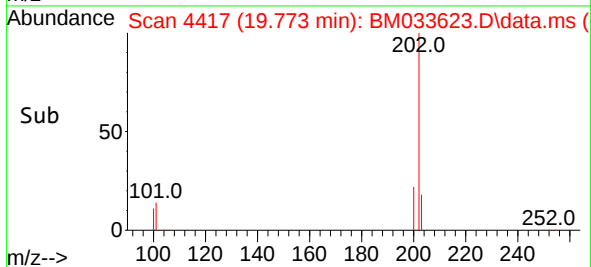
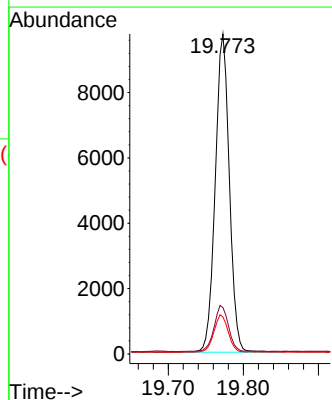
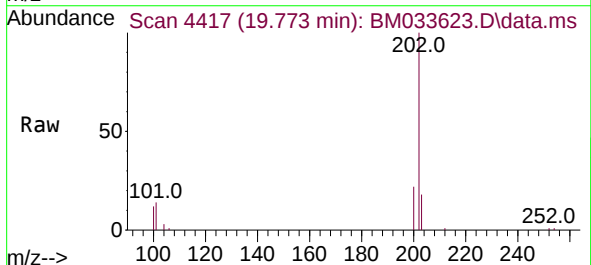
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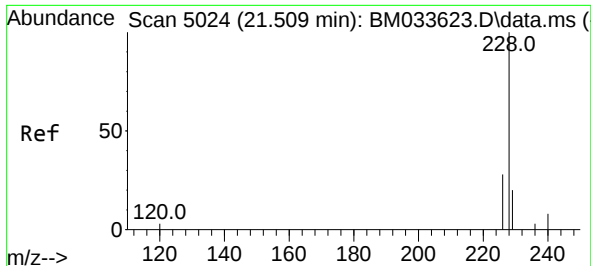
Tgt Ion:202 Resp: 12635
Ion Ratio Lower Upper
202 100
101 12.2 9.2 13.8
100 9.7 7.2 10.8



#20
Pyrene
Concen: 0.569 ng/u1
RT: 19.773 min Scan# 4417
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

Tgt Ion:202 Resp: 12661
Ion Ratio Lower Upper
202 100
101 14.5 9.3 13.9#
100 11.6 7.8 11.6

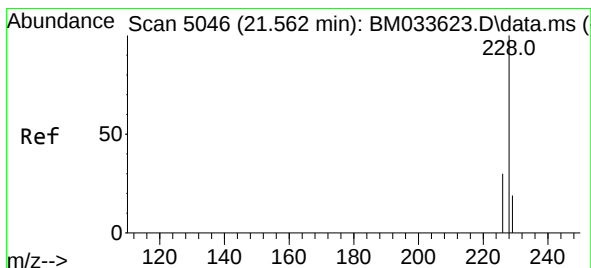
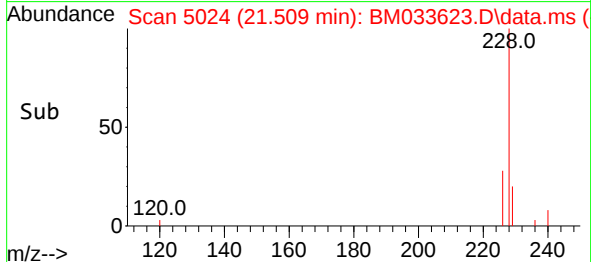
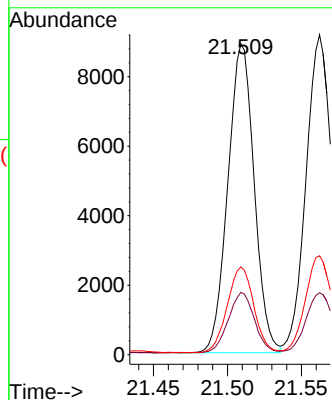
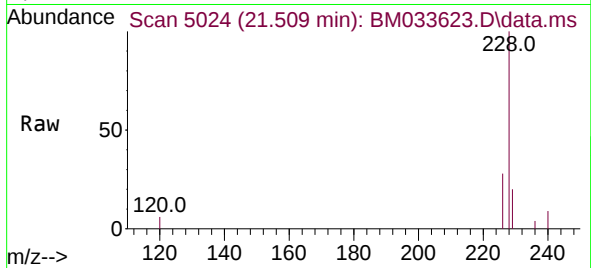




#21
Benzo(a)anthracene
Concen: 0.578 ng/ul
RT: 21.509 min Scan# 5024
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

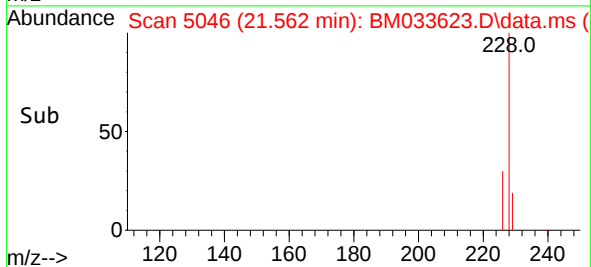
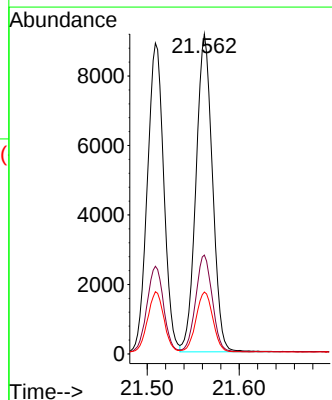
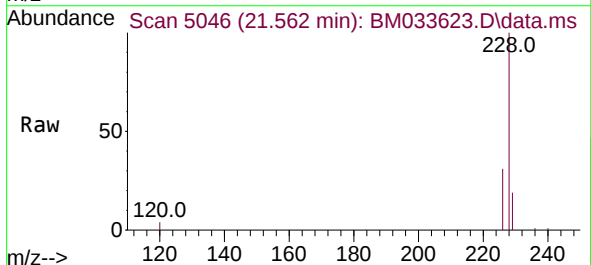
Instrument :
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ClientSampleId :
SSTD0.4038

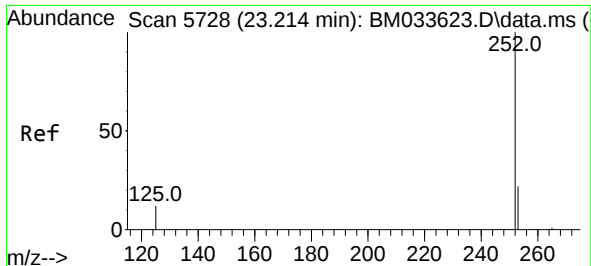
Tgt Ion:228 Resp: 10998
Ion Ratio Lower Upper
228 100
229 20.0 17.3 25.9
226 28.2 23.2 34.8



#22
Chrysene
Concen: 0.530 ng/ul
RT: 21.562 min Scan# 5046
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

Tgt Ion:228 Resp: 11372
Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 19.4 16.7 25.1

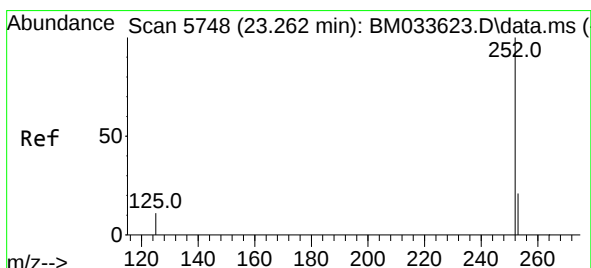
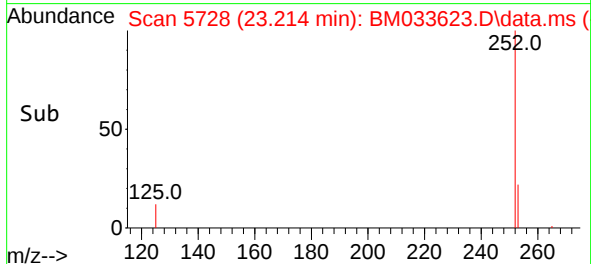
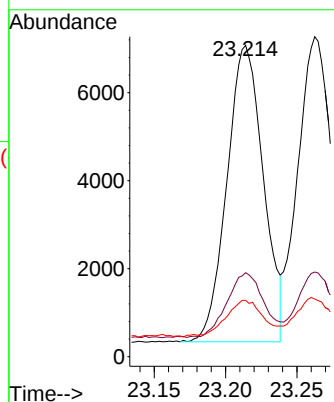
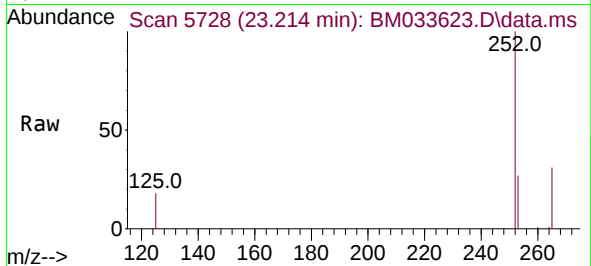




#24
Benzo(b)fluoranthene
Concen: 0.525 ng/ul
RT: 23.214 min Scan# 5728
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

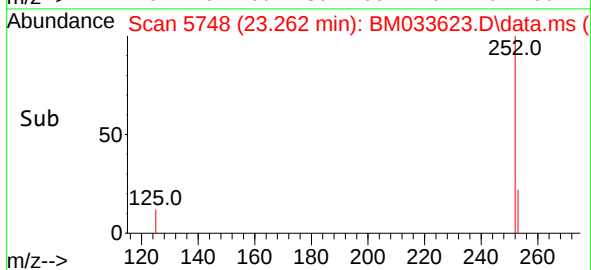
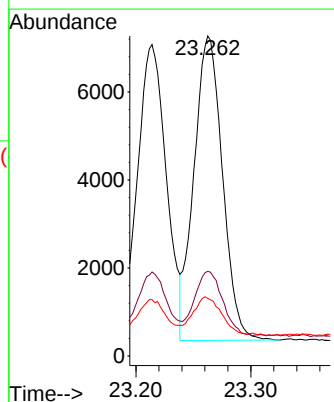
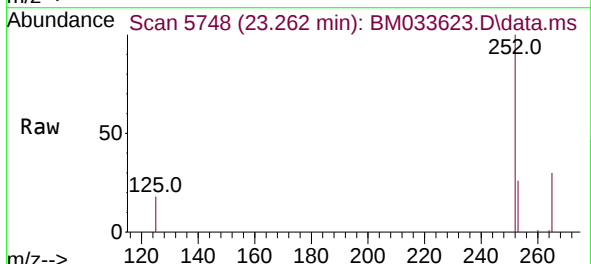
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

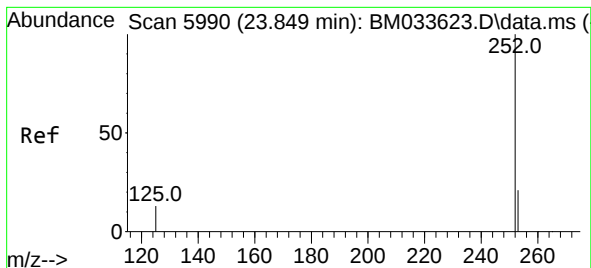
Tgt Ion:252 Resp: 11930
Ion Ratio Lower Upper
252 100
253 27.0 0.0 64.2
125 18.1 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.500 ng/ul
RT: 23.262 min Scan# 5748
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

Tgt Ion:252 Resp: 11907
Ion Ratio Lower Upper
252 100
253 26.5 26.8 40.2#
125 18.0 12.0 18.0#





#26

Benzo(a)pyrene

Concen: 0.495 ng/ul

RT: 23.849 min Scan# 5990

Delta R.T. 0.000 min

Lab File: BM033623.D

Acq: 04 Jan 2022 13:35

Instrument :

BNA_M

ClientSampleId :

SSTD0.4038

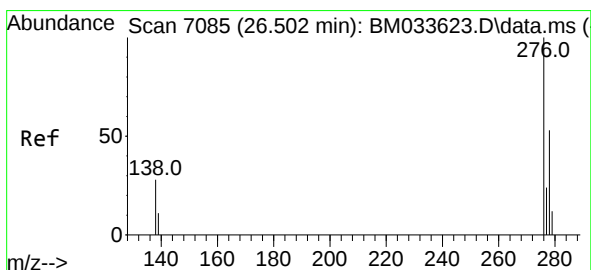
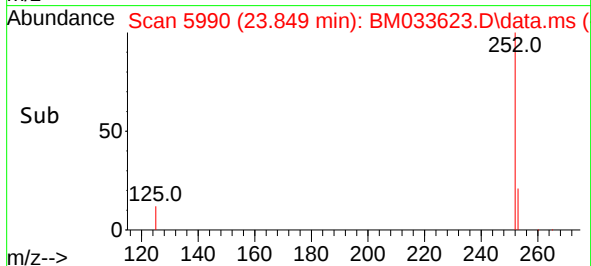
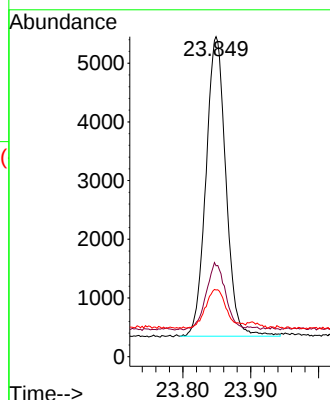
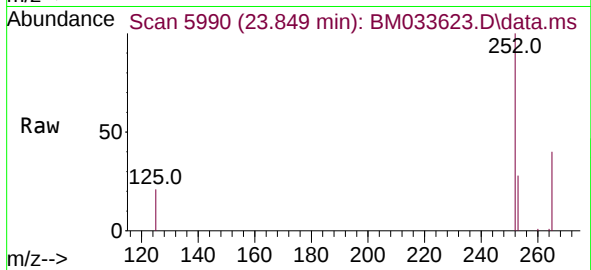
Tgt Ion:252 Resp: 10416

Ion Ratio Lower Upper

252 100

253 28.4 32.0 48.0#

125 20.9 14.5 21.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.473 ng/ul

RT: 26.502 min Scan# 7085

Delta R.T. 0.000 min

Lab File: BM033623.D

Acq: 04 Jan 2022 13:35

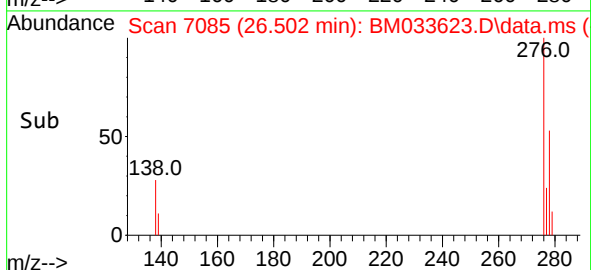
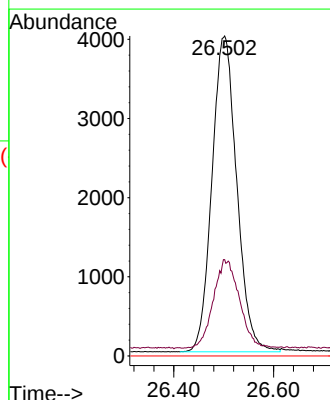
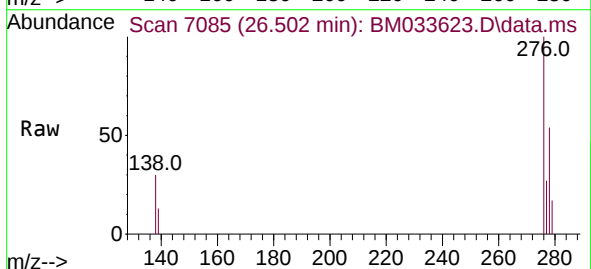
Tgt Ion:276 Resp: 13782

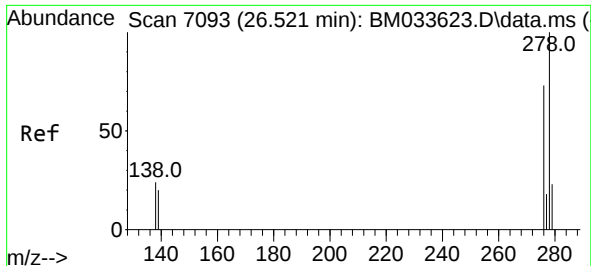
Ion Ratio Lower Upper

276 100

138 29.4 15.8 23.6#

227 0.0 0.0 0.0

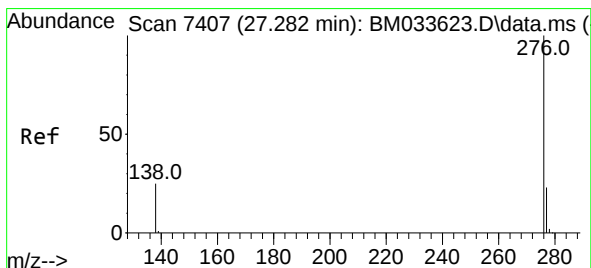
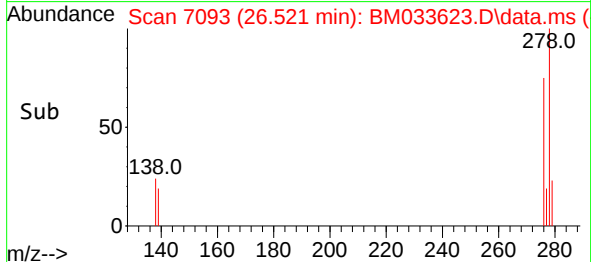
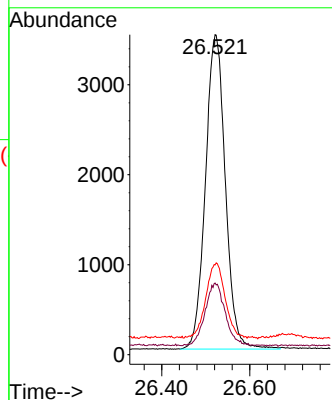
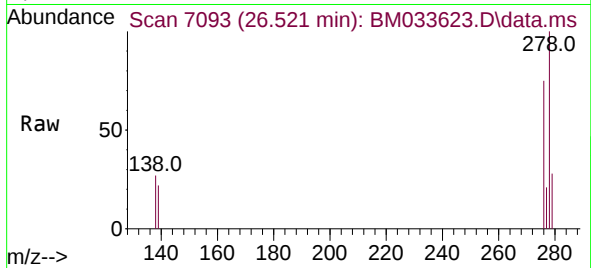




#28
Dibenzo(a,h)anthracene
Concen: 0.469 ng/ul
RT: 26.521 min Scan# 7093
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

Tgt Ion:278 Resp: 10968
Ion Ratio Lower Upper
278 100
139 22.4 18.0 27.0
279 28.1 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.466 ng/ul
RT: 27.282 min Scan# 7407
Delta R.T. 0.000 min
Lab File: BM033623.D
Acq: 04 Jan 2022 13:35

Tgt Ion:276 Resp: 11985
Ion Ratio Lower Upper
276 100
138 27.6 17.4 26.0#
277 25.2 22.6 33.8

