

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038027.D
 Acq On : 15 Dec 2022 12:09
 Operator : CG/JU
 Sample : SSTD1.608
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6019

Quant Time: Dec 15 21:43:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:40:10 2022
 Response via : Initial Calibration

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

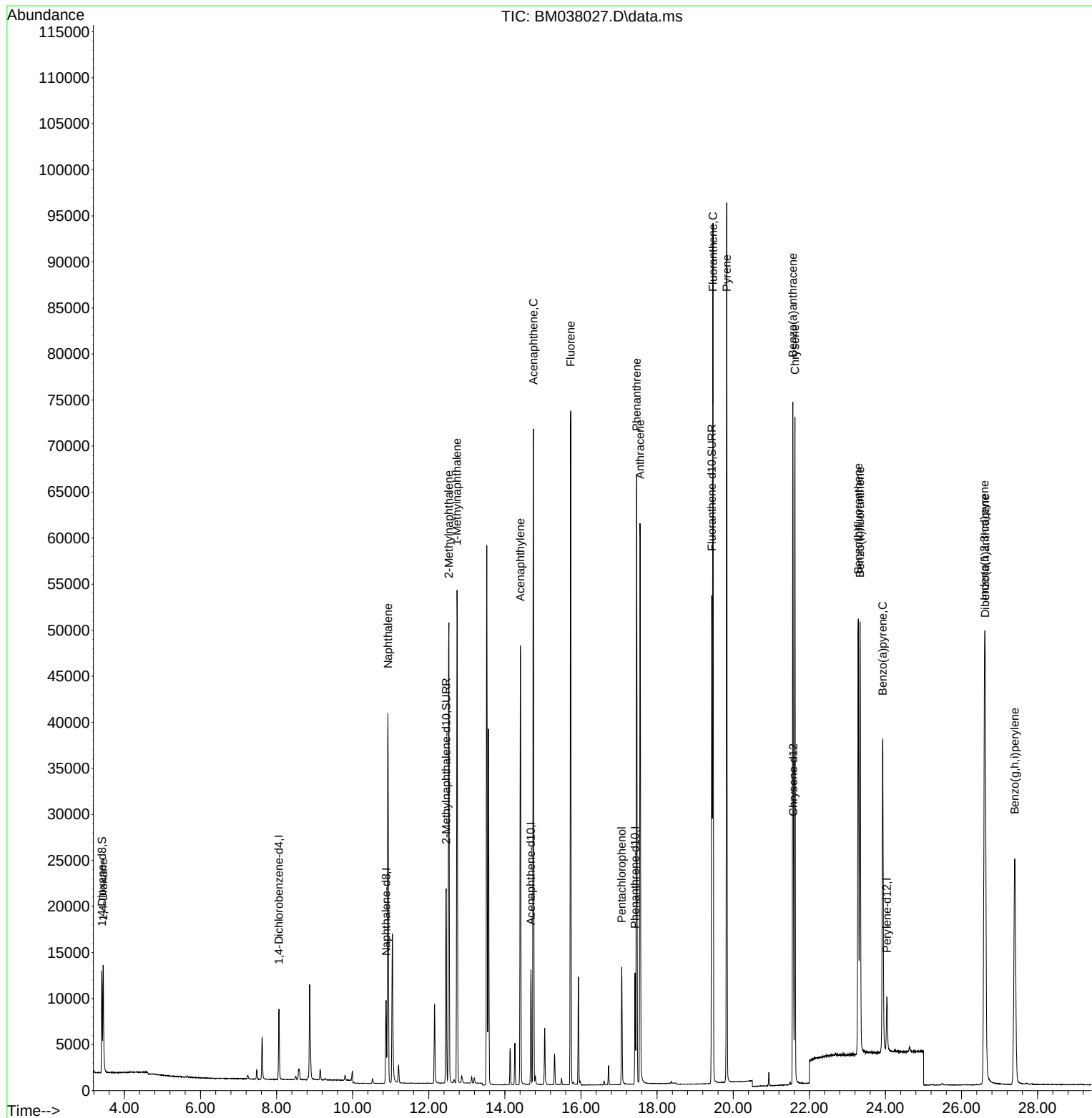
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	3957	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	11568	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.685	164	6552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	12985	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	9543	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	8478	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	7445	1.334	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	26475	1.616	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	51810	1.591	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	7461	1.351	ng/ul#	87
5) Naphthalene	10.928	128	54085	1.531	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	34138	1.638	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	35323	1.655	ng/ul	100
10) Acenaphthylene	14.407	152	53251	1.433	ng/ul	99
11) Acenaphthene	14.749	153	39891	1.497	ng/ul	99
12) Fluorene	15.730	166	44681	1.462	ng/ul	100
14) Pentachlorophenol	17.071	266	8363	1.515	ng/ul	99
15) Phenanthrene	17.464	178	67768	1.506	ng/ul	99
16) Anthracene	17.552	178	65054	1.580	ng/ul	99
19) Fluoranthene	19.469	202	74405	1.476	ng/ul	99
20) Pyrene	19.831	202	74815	1.461	ng/ul	100
21) Benzo(a)anthracene	21.568	228	61990	1.422	ng/ul	99
22) Chrysene	21.624	228	61947	1.369	ng/ul	99
24) Benzo(b)fluoranthene	23.287	252	62314	1.325	ng/ul	91
25) Benzo(k)fluoranthene	23.333	252	60585	1.373	ng/ul#	90
26) Benzo(a)pyrene	23.930	252	53248	1.395	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.606	276	64652	1.391	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.622	278	50603	1.418	ng/ul	95
29) Benzo(g,h,i)perylene	27.400	276	54047	1.400	ng/ul	99

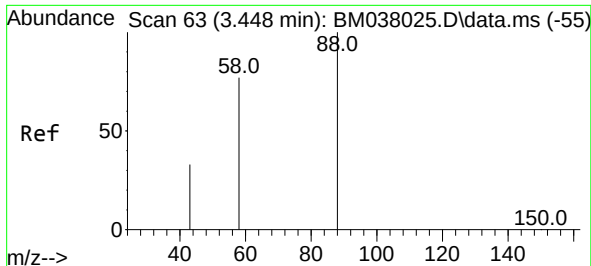
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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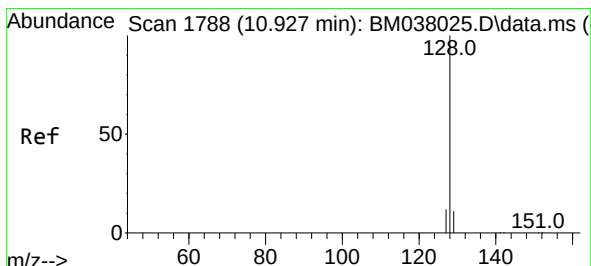
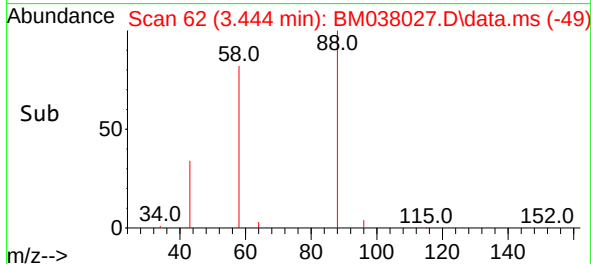
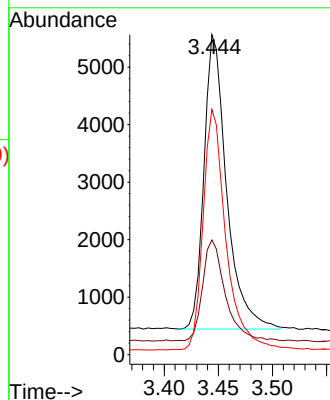
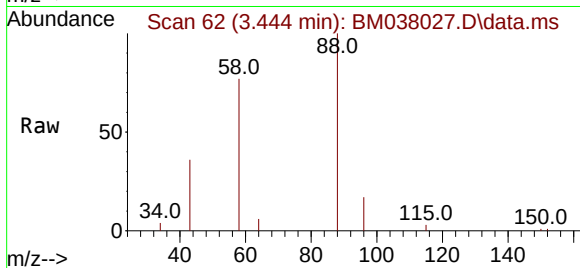




#2
1,4-Dioxane
Concen: 1.351 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

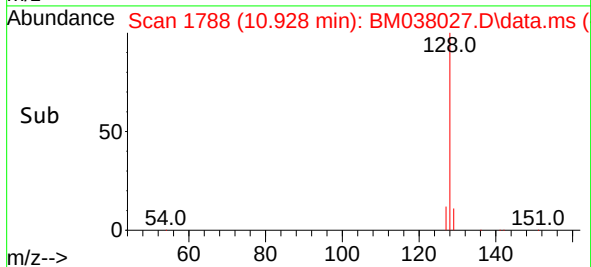
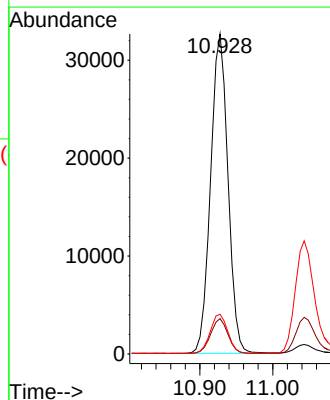
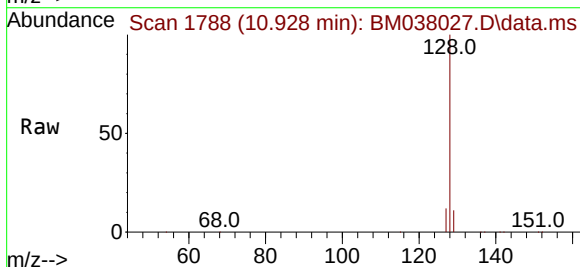
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

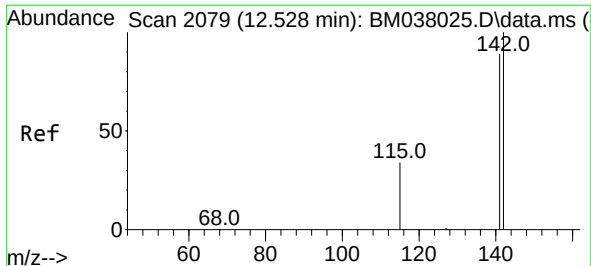
Tgt Ion: 88 Resp: 7461
Ion Ratio Lower Upper
88 100
43 35.9 31.4 47.0
58 76.7 50.2 75.2#



#5
Naphthalene
Concen: 1.531 ng/ul
RT: 10.928 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

Tgt Ion: 128 Resp: 54085
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 12.4 10.4 15.6

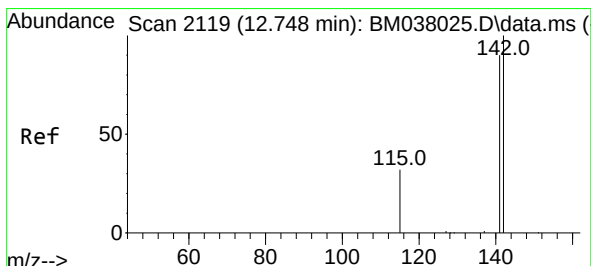
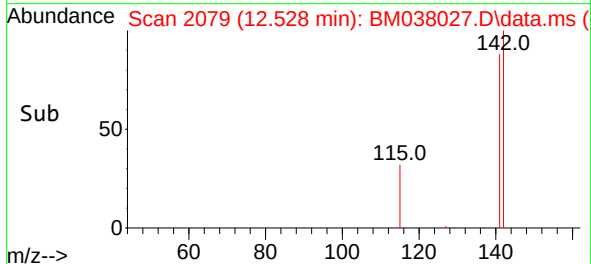
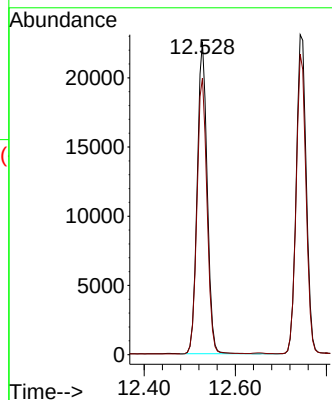
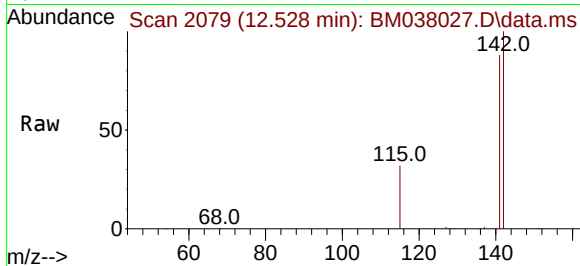




#7
2-Methylnaphthalene
Concen: 1.638 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

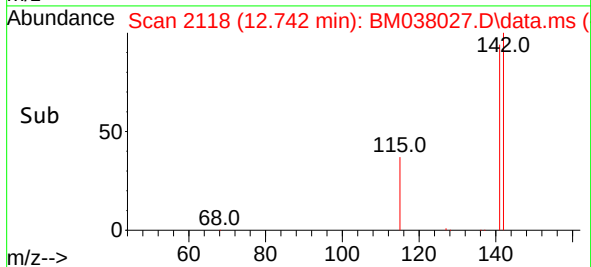
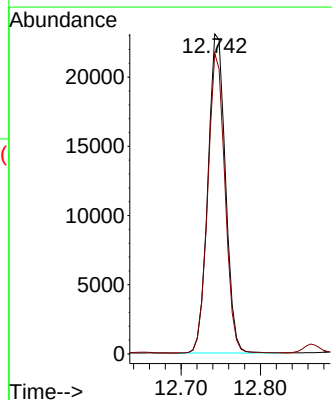
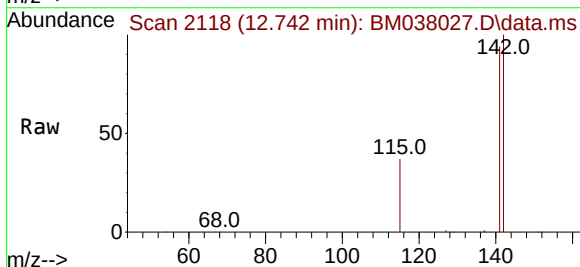
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

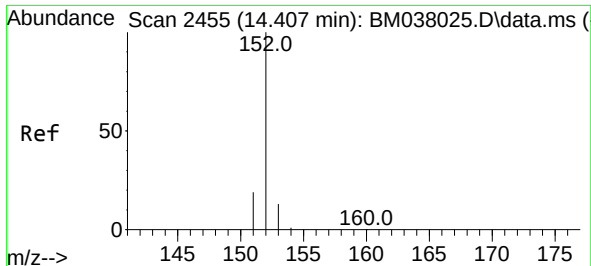
Tgt Ion:142 Resp: 34138
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6



#8
1-Methylnaphthalene
Concen: 1.655 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

Tgt Ion:142 Resp: 35323
Ion Ratio Lower Upper
142 100
141 92.3 73.6 110.4

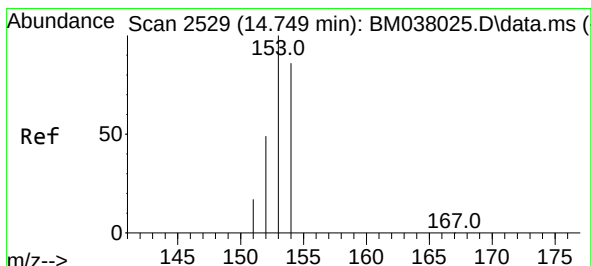
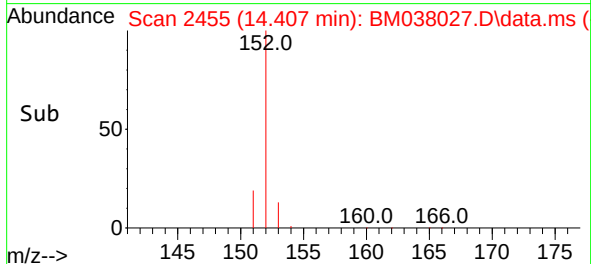
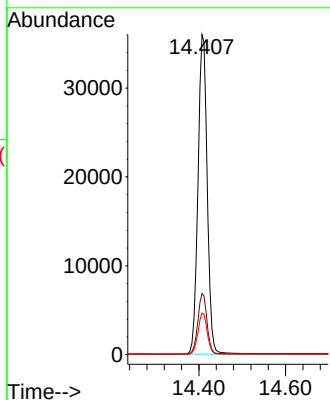
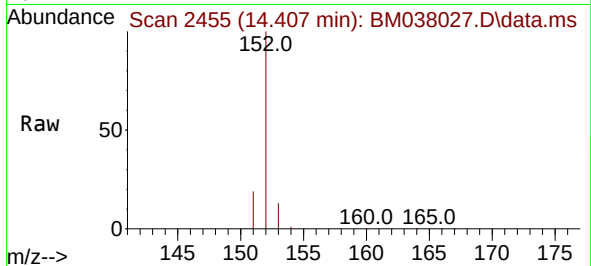




#10
Acenaphthylene
Concen: 1.433 ng/ul
RT: 14.407 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

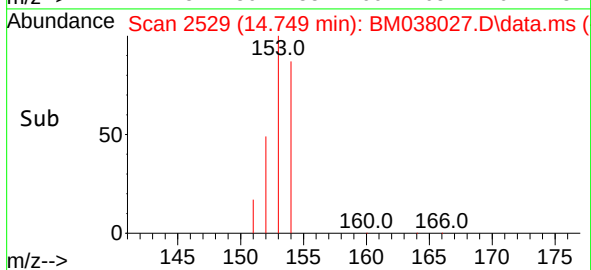
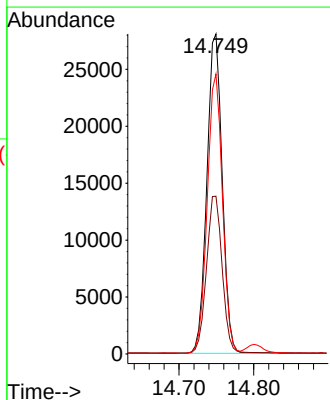
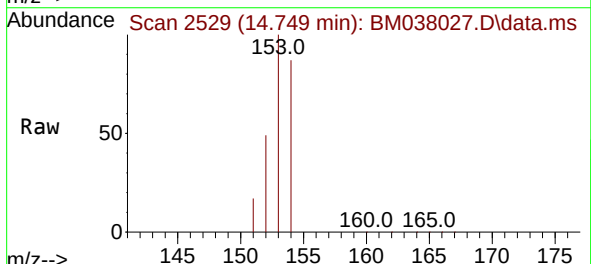
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

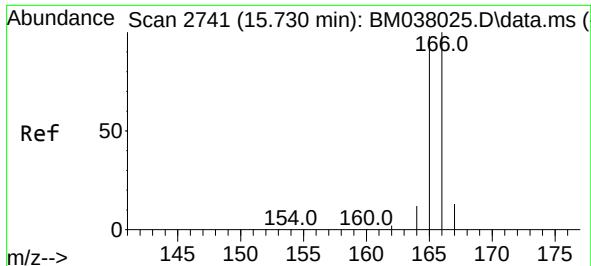
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	13.0	11.0	16.4



#11
Acenaphthene
Concen: 1.497 ng/ul
RT: 14.749 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.3	39.5	59.3
154	87.5	69.2	103.8

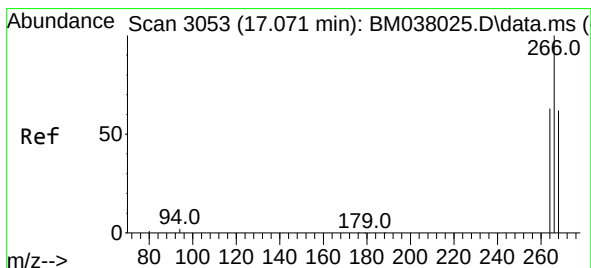
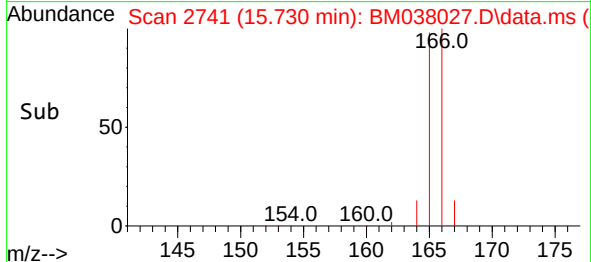
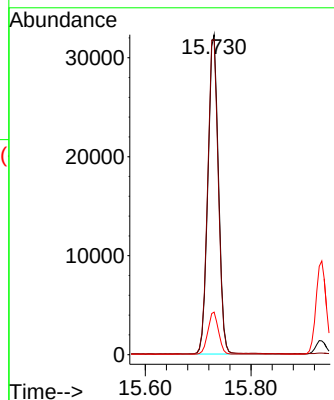
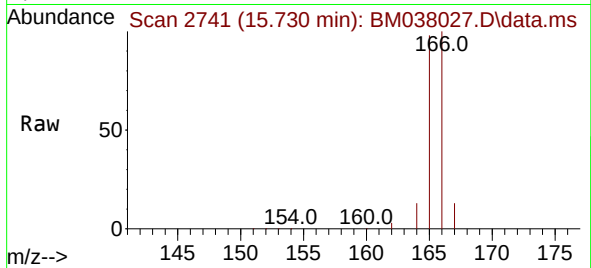




#12
 Fluorene
 Concen: 1.462 ng/ul
 RT: 15.730 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038027.D
 Acq: 15 Dec 2022 12:09

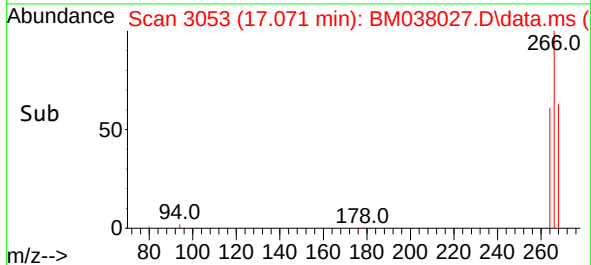
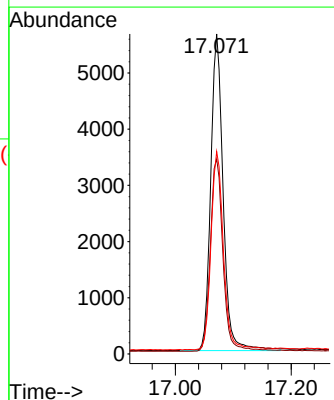
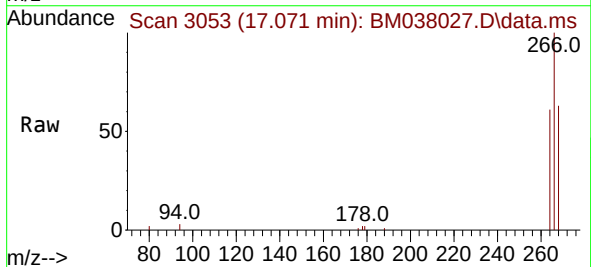
Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6019

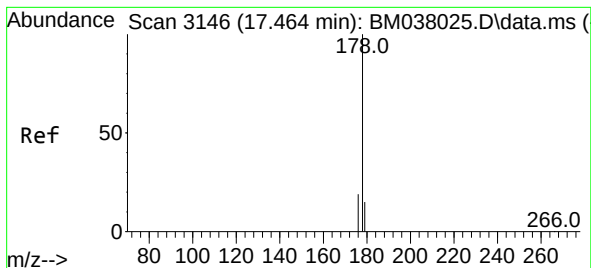
Tgt Ion:166 Resp: 44681
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.0 118.4
 167 13.3 11.1 16.7



#14
 Pentachlorophenol
 Concen: 1.515 ng/ul
 RT: 17.071 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: BM038027.D
 Acq: 15 Dec 2022 12:09

Tgt Ion:266 Resp: 8363
 Ion Ratio Lower Upper
 266 100
 264 62.3 49.9 74.9
 268 63.6 52.0 78.0





#15

Phenanthrene

Concen: 1.506 ng/ul

RT: 17.464 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BM038027.D

Acq: 15 Dec 2022 12:09

Instrument :

BNA_M

ClientSampleId :

SSTD1.6019

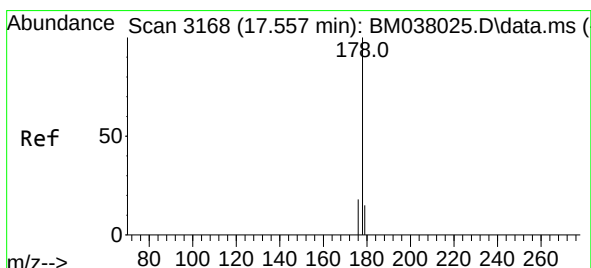
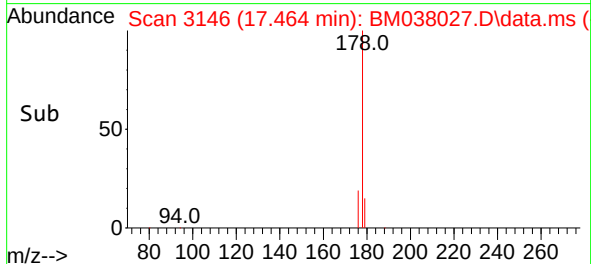
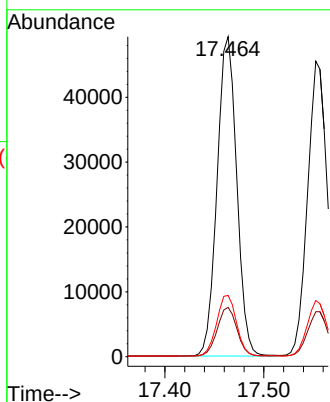
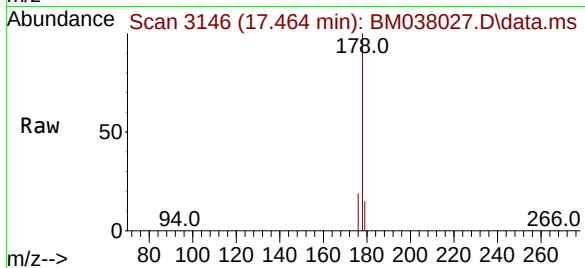
Tgt Ion:178 Resp: 67768

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

176 19.1 15.8 23.6



#16

Anthracene

Concen: 1.580 ng/ul

RT: 17.552 min Scan# 3167

Delta R.T. -0.004 min

Lab File: BM038027.D

Acq: 15 Dec 2022 12:09

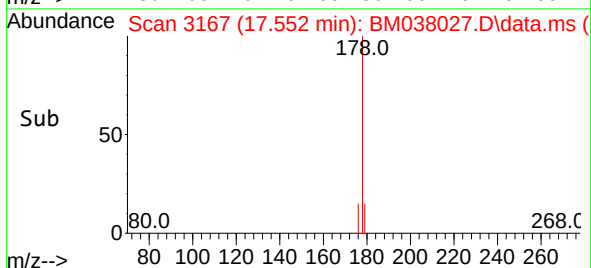
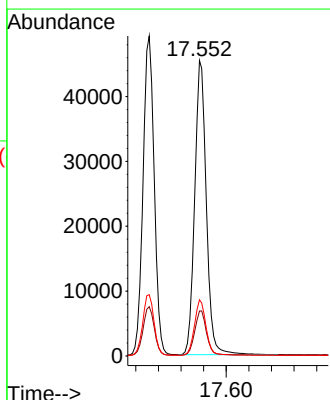
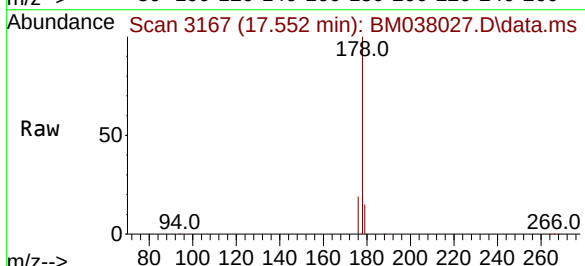
Tgt Ion:178 Resp: 65054

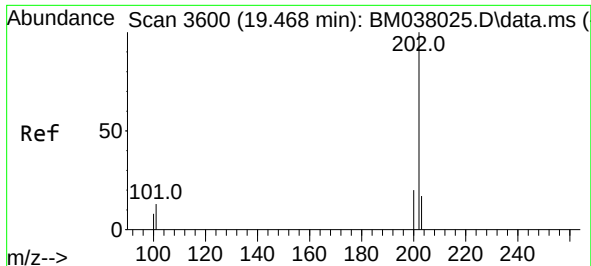
Ion Ratio Lower Upper

178 100

179 15.2 13.0 19.4

176 19.0 15.0 22.4

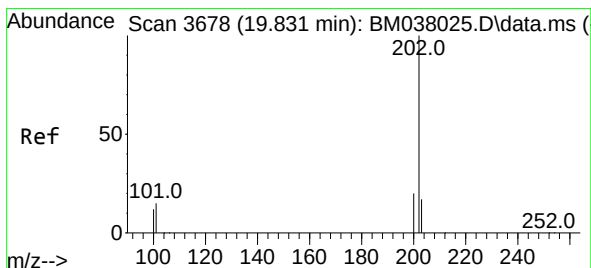
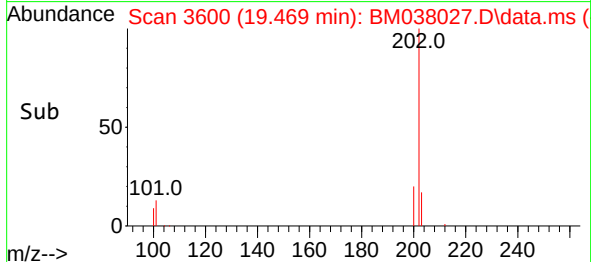
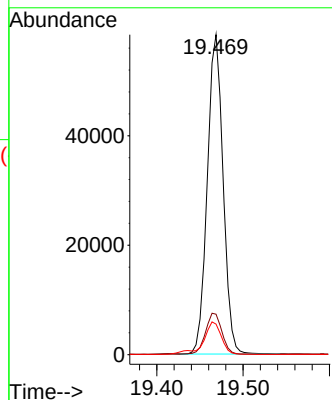
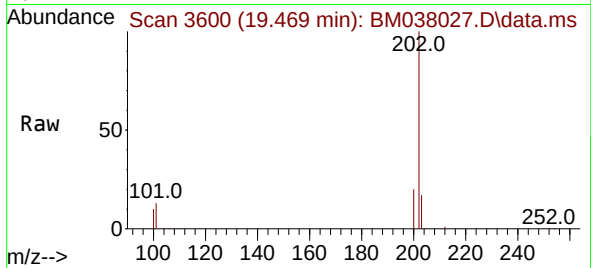




#19
Fluoranthene
Concen: 1.476 ng/ul
RT: 19.469 min Scan# 3600
Delta R.T. 0.000 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

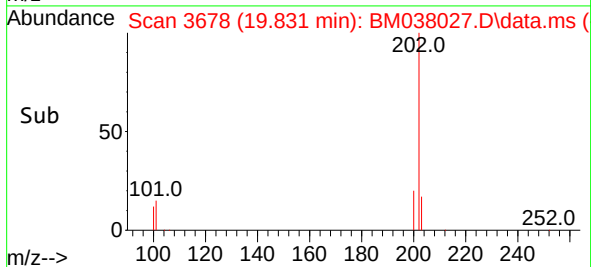
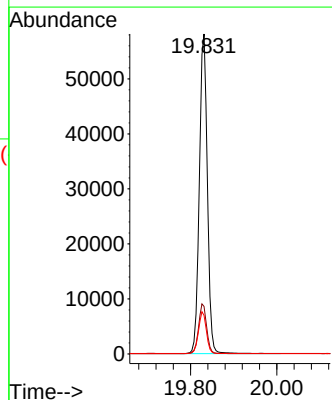
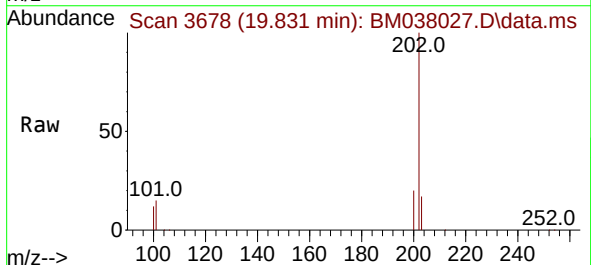
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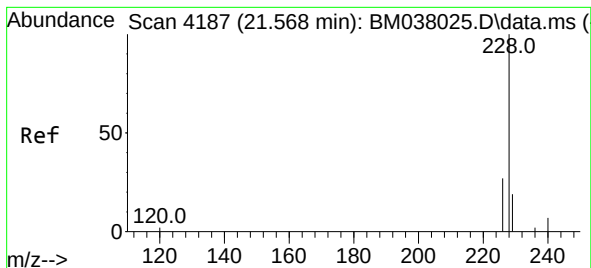
Tgt Ion:202 Resp: 74405
Ion Ratio Lower Upper
202 100
101 12.7 10.6 15.8
100 9.6 7.9 11.9



#20
Pyrene
Concen: 1.461 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

Tgt Ion:202 Resp: 74815
Ion Ratio Lower Upper
202 100
101 14.9 12.1 18.1
100 12.1 9.8 14.6





#21

Benzo(a)anthracene

Concen: 1.422 ng/ul

RT: 21.568 min Scan# 4187

Delta R.T. 0.000 min

Lab File: BM038027.D

Acq: 15 Dec 2022 12:09

Instrument :

BNA_M

ClientSampleId :

SSTD1.6019

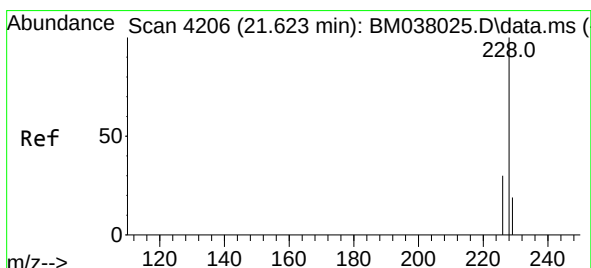
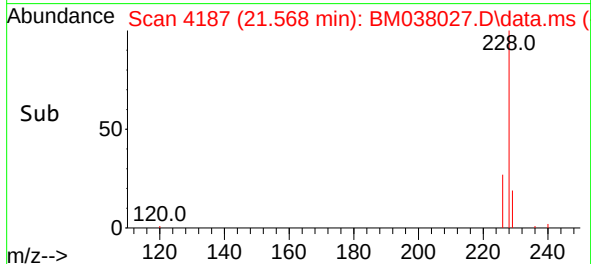
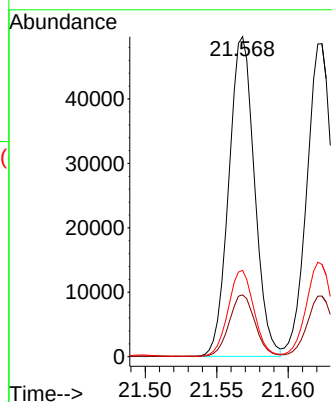
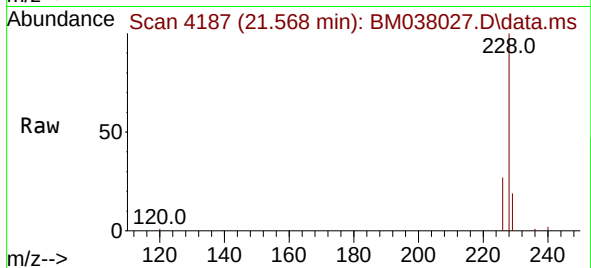
Tgt Ion:228 Resp: 61990

Ion Ratio Lower Upper

228 100

229 19.3 15.9 23.9

226 26.9 22.1 33.1



#22

Chrysene

Concen: 1.369 ng/ul

RT: 21.624 min Scan# 4206

Delta R.T. 0.000 min

Lab File: BM038027.D

Acq: 15 Dec 2022 12:09

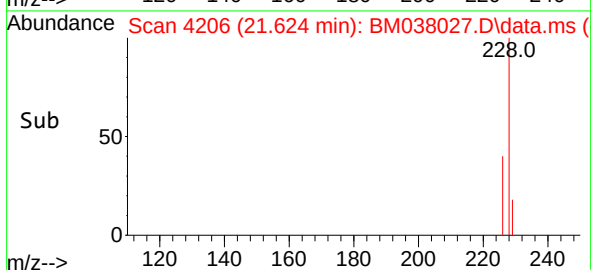
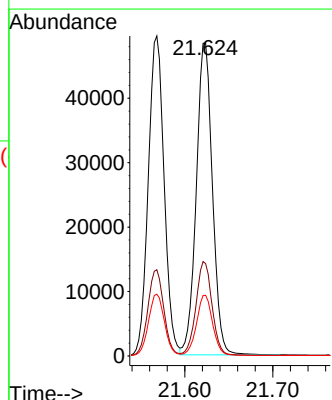
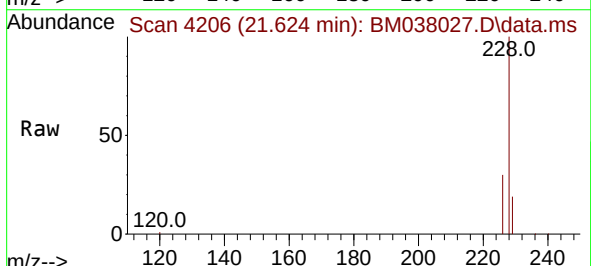
Tgt Ion:228 Resp: 61947

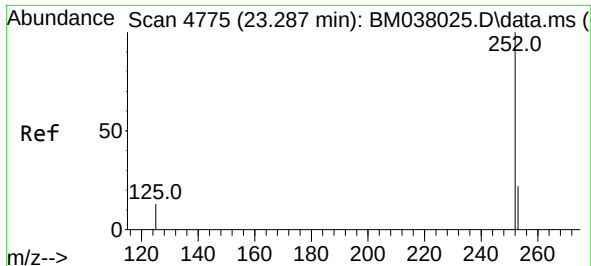
Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

229 19.4 15.7 23.5

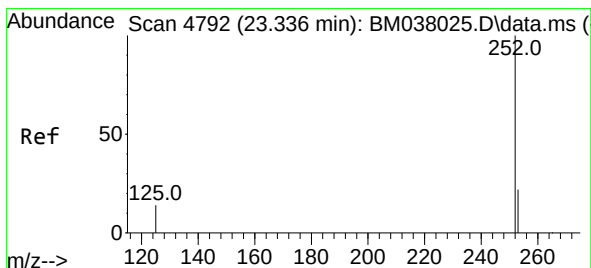
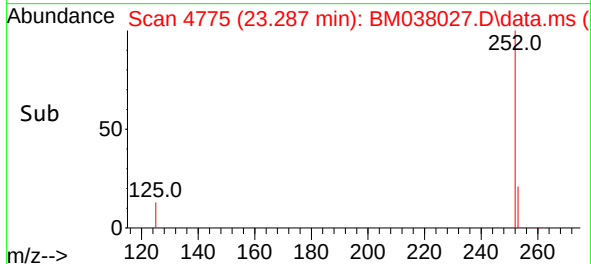
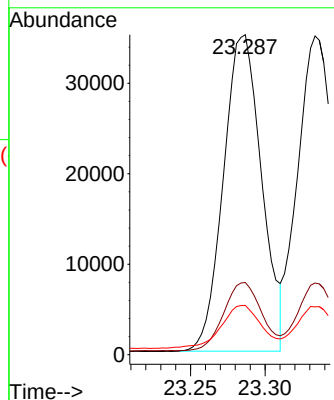
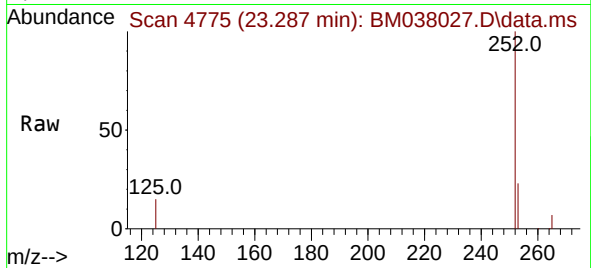




#24
Benzo(b)fluoranthene
Concen: 1.325 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. 0.000 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

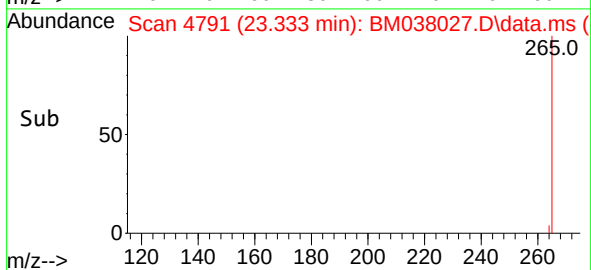
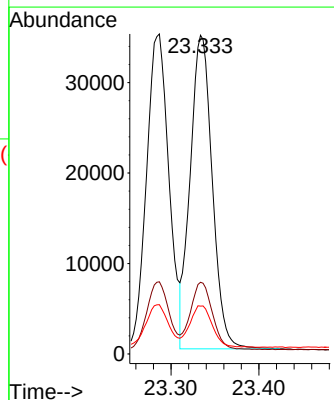
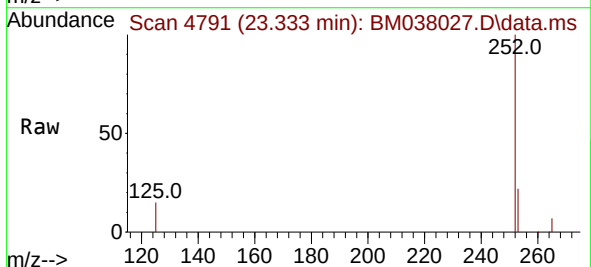
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

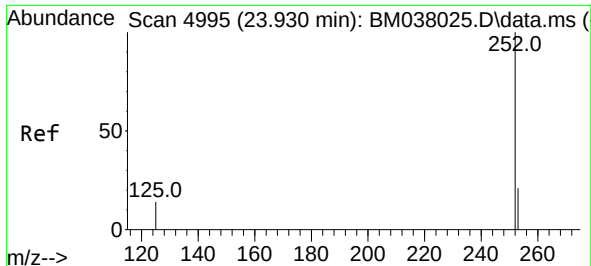
Tgt Ion:252 Resp: 62314
Ion Ratio Lower Upper
252 100
253 22.5 0.0 51.8
125 15.4 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 1.373 ng/ul
RT: 23.333 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

Tgt Ion:252 Resp: 60585
Ion Ratio Lower Upper
252 100
253 22.5 20.8 31.2
125 15.0 17.1 25.7#

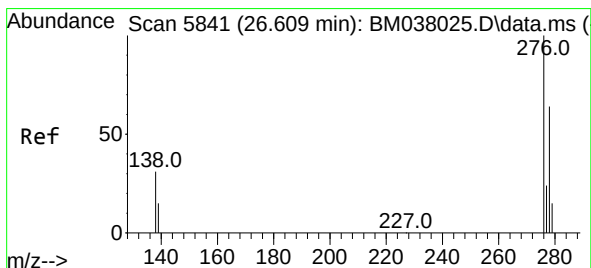
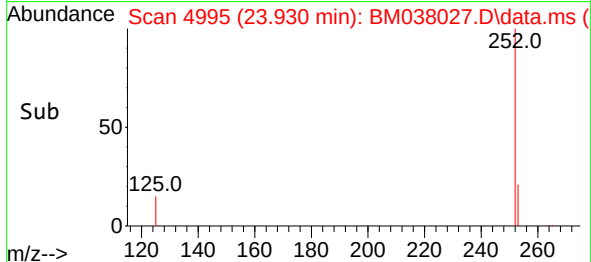
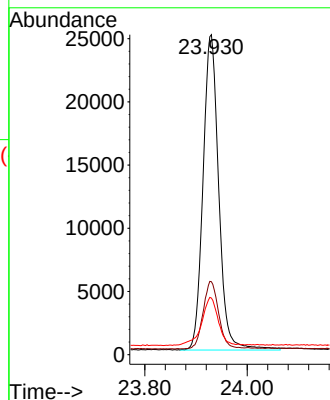
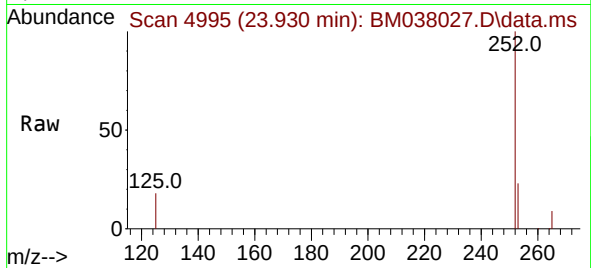




#26
Benzo(a)pyrene
Concen: 1.395 ng/ul
RT: 23.930 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

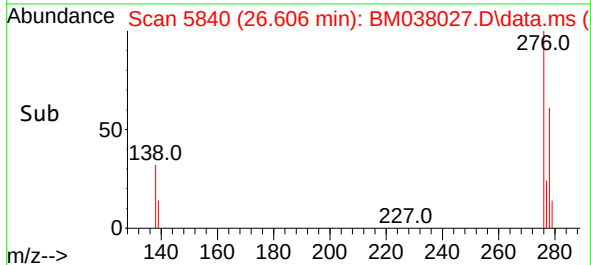
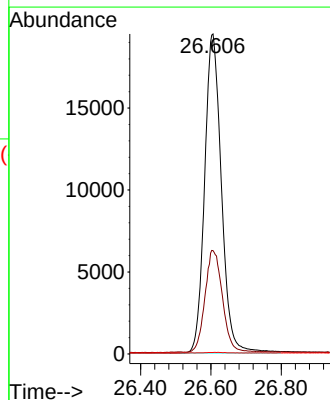
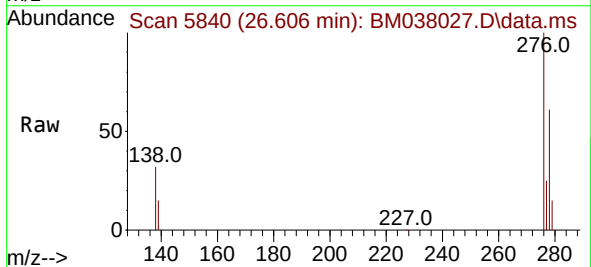
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

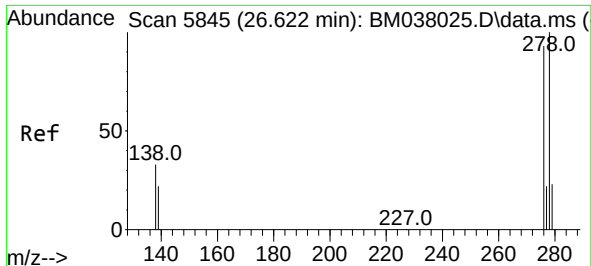
Tgt Ion:252 Resp: 53248
Ion Ratio Lower Upper
252 100
253 22.8 21.9 32.9
125 17.7 20.7 31.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.391 ng/ul
RT: 26.606 min Scan# 5840
Delta R.T. -0.003 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

Tgt Ion:276 Resp: 64652
Ion Ratio Lower Upper
276 100
138 33.0 26.6 40.0
227 0.2 0.1 0.1#

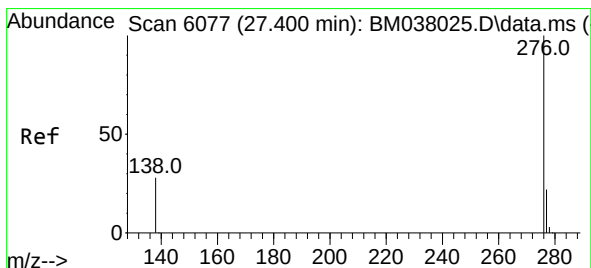
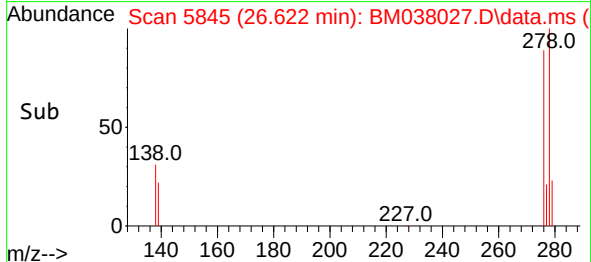
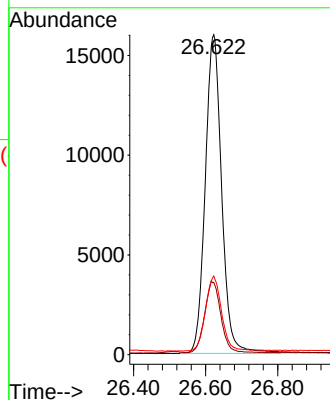
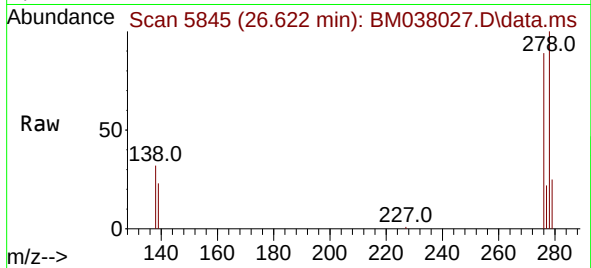




#28
Dibenzo(a,h)anthracene
Concen: 1.418 ng/ul
RT: 26.622 min Scan# 5845
Delta R.T. 0.000 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

Tgt Ion:278 Resp: 50603
Ion Ratio Lower Upper
278 100
139 22.5 19.0 28.6
279 24.6 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 1.400 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038027.D
Acq: 15 Dec 2022 12:09

Tgt Ion:276 Resp: 54047
Ion Ratio Lower Upper
276 100
138 29.0 24.1 36.1
277 23.4 19.0 28.6

