

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038207.D
 Acq On : 22 Dec 2022 20:41
 Operator : CG/JU
 Sample : N6009-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 01:49:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

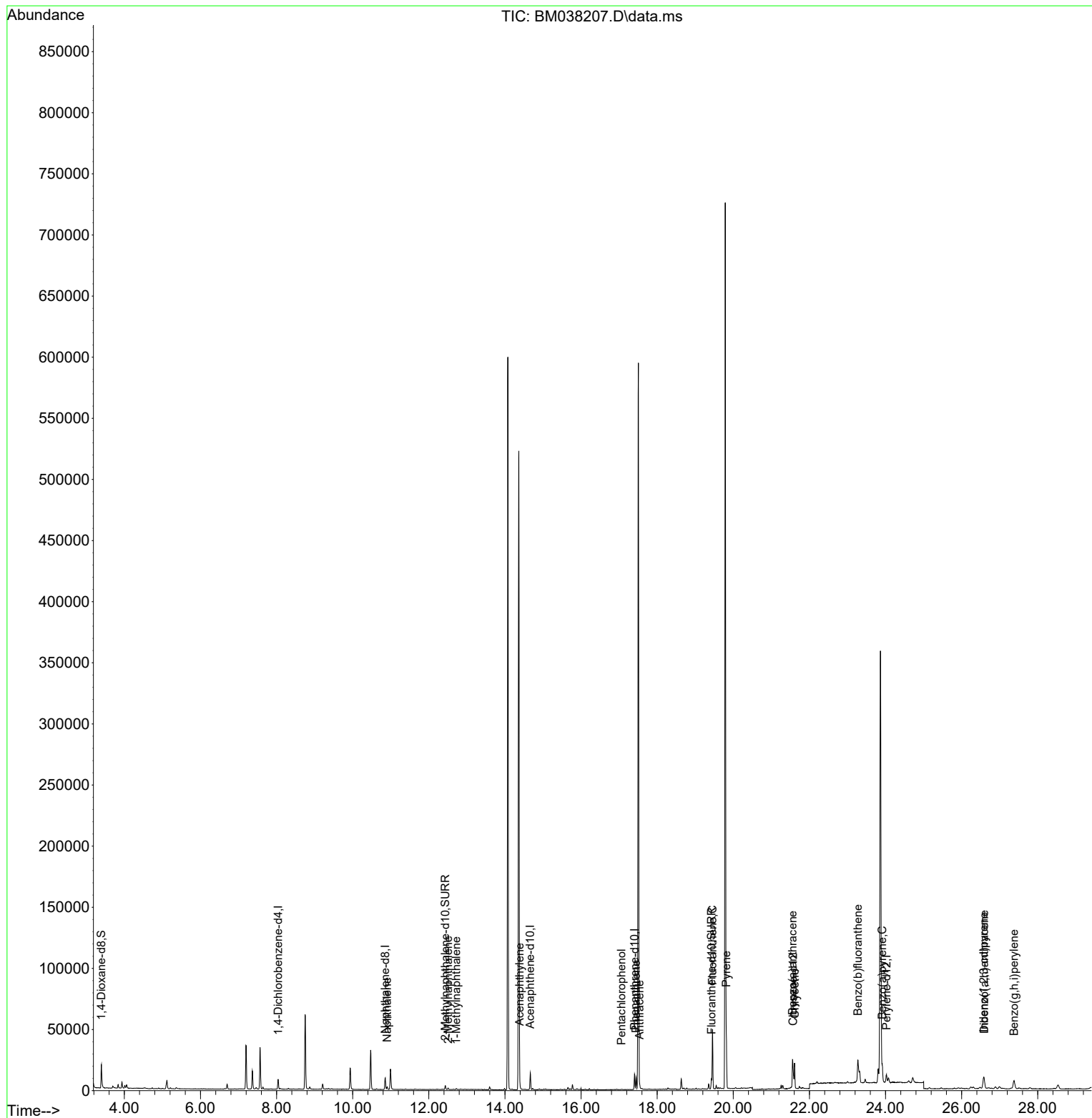
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	4130	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	12734	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	7130	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	14253	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	9350	0.400	ng/ul	# 0.00
23) Perylene-d12	24.023	264	9057	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	12896	3.070	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	4040	0.216	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	7730	0.220	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.906	128	1581	0.042	ng/ul#	89
7) 2-Methylnaphthalene	12.506	142	783	0.034	ng/ul	96
8) 1-Methylnaphthalene	12.720	142	515	0.022	ng/ul	99
10) Acenaphthylene	14.388	152	3559	0.090	ng/ul#	90
14) Pentachlorophenol	17.063	266	171	0.024	ng/ul	91
15) Phenanthrene	17.447	178	10134	0.212	ng/ul	98
16) Anthracene	17.540	178	2570	0.056	ng/ul#	87
19) Fluoranthene	19.455	202	40316	0.787	ng/ul	98
20) Pyrene	19.817	202	37084	0.716	ng/ul	100
21) Benzo(a)anthracene	21.556	228	19245	0.469	ng/ul	97
22) Chrysene	21.612	228	21789	0.546	ng/ul	97
24) Benzo(b)fluoranthene	23.272	252	33002	0.823	ng/ul	98
26) Benzo(a)pyrene	23.915	252	19659	0.562	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.582	276	16816	0.347	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.592	278	4124	0.109	ng/ul#	55
29) Benzo(g,h,i)perylene	27.377	276	14806	0.363	ng/ul	98

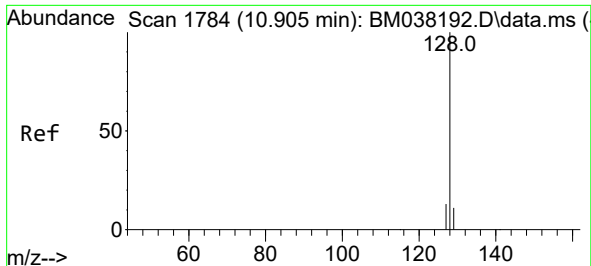
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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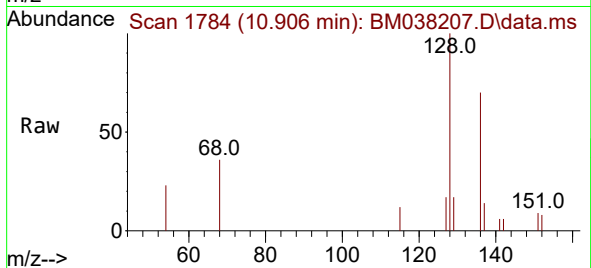
Quant Time: Dec 23 01:49:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
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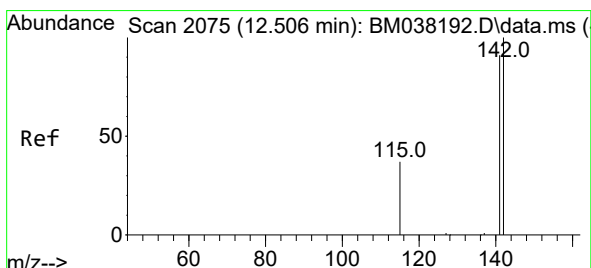
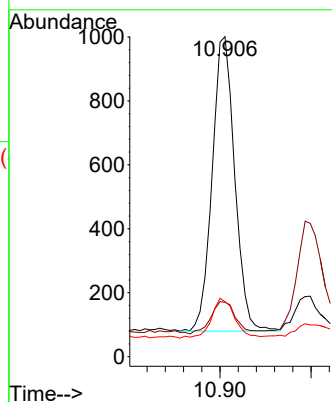
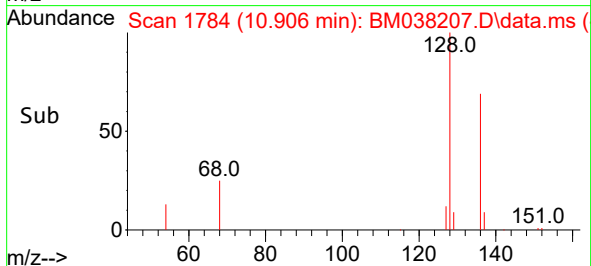


#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038207.D
Acq: 22 Dec 2022 20:41

Instrument :
BNA_M
ClientSampleId :

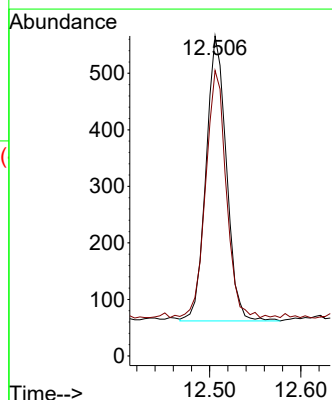
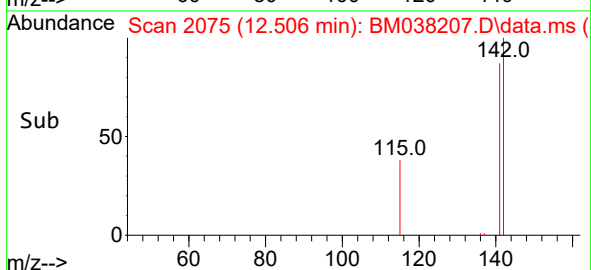
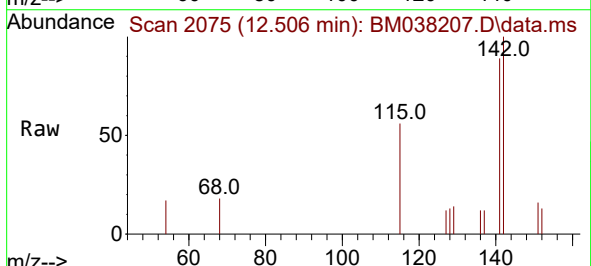


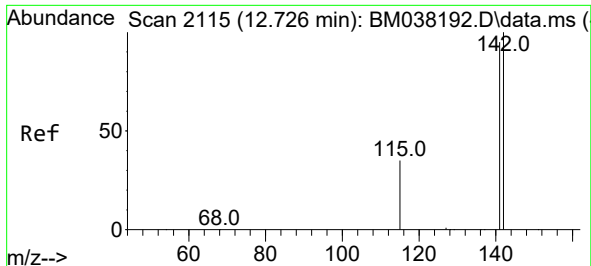
Tgt Ion:128 Resp: 1581
Ion Ratio Lower Upper
128 100
129 17.0 9.4 14.0#
127 17.2 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038207.D
Acq: 22 Dec 2022 20:41

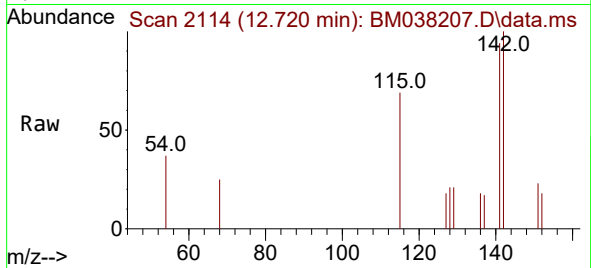
Tgt Ion:142 Resp: 783
Ion Ratio Lower Upper
142 100
141 86.2 71.9 107.9



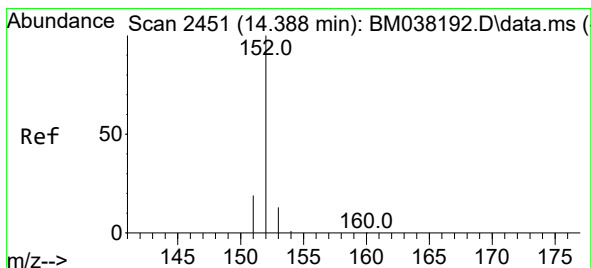
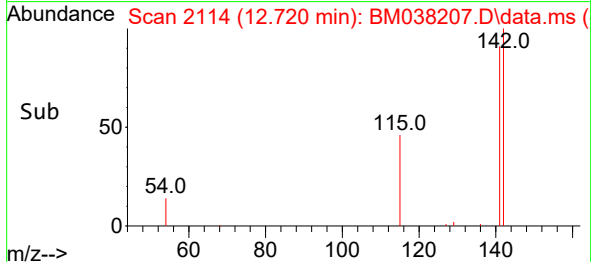
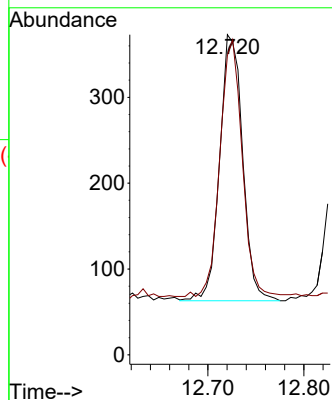


#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.720 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM038207.D
Acq: 22 Dec 2022 20:41

Instrument :
BNA_M
ClientSampleId :

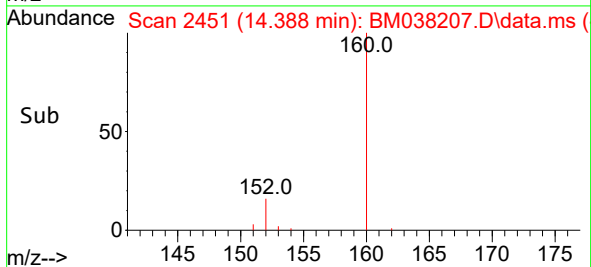
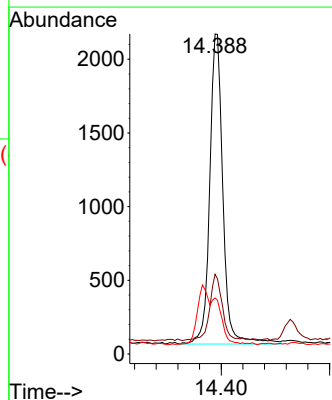
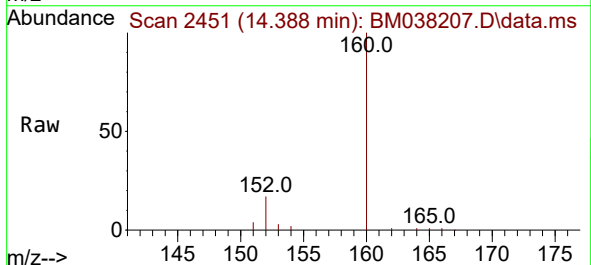


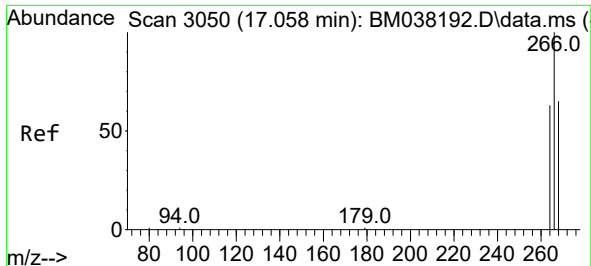
Tgt Ion:142 Resp: 515
Ion Ratio Lower Upper
142 100
141 94.0 74.7 112.1



#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038207.D
Acq: 22 Dec 2022 20:41

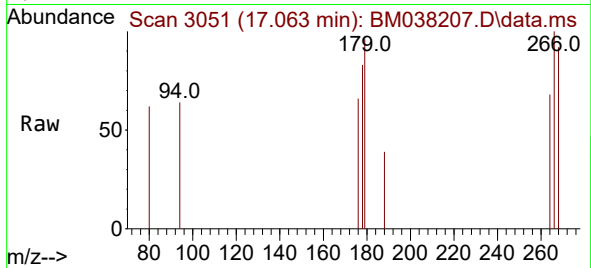
Tgt Ion:152 Resp: 3559
Ion Ratio Lower Upper
152 100
151 24.9 16.2 24.2#
153 17.5 10.7 16.1#



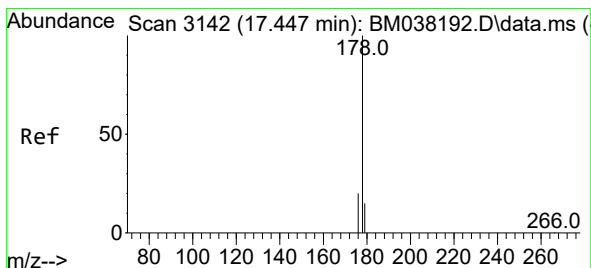
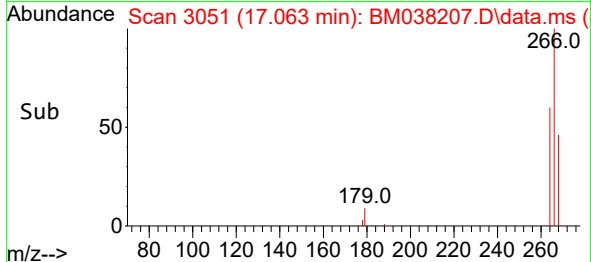
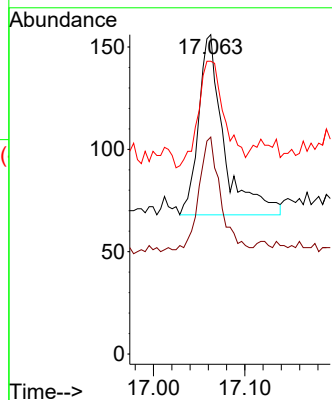


#14
 Pentachlorophenol
 Concen: 0.024 ng/ul
 RT: 17.063 min Scan# 3051
 Delta R.T. 0.004 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

Instrument :
 BNA_M
 ClientSampleId :

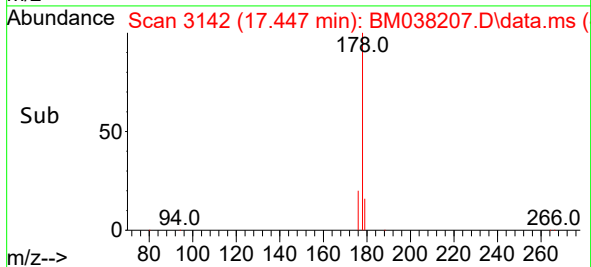
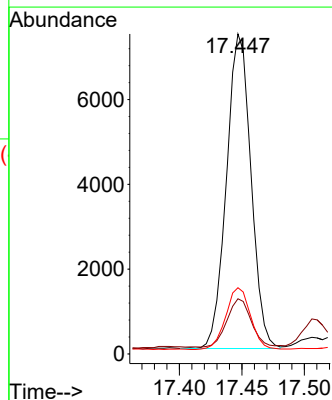
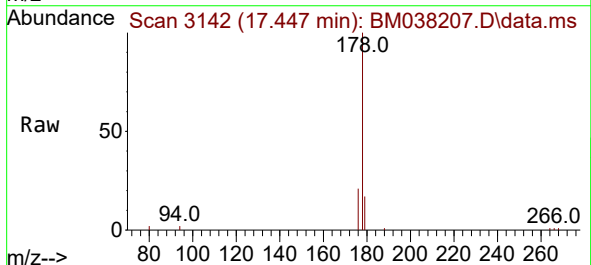


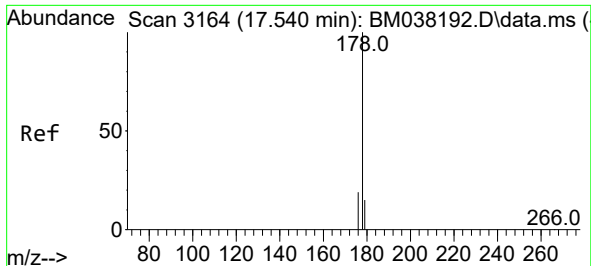
Tgt Ion:266 Resp: 171
 Ion Ratio Lower Upper
 266 100
 264 51.5 49.9 74.9
 268 61.4 51.2 76.8



#15
 Phenanthrene
 Concen: 0.212 ng/ul
 RT: 17.447 min Scan# 3142
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

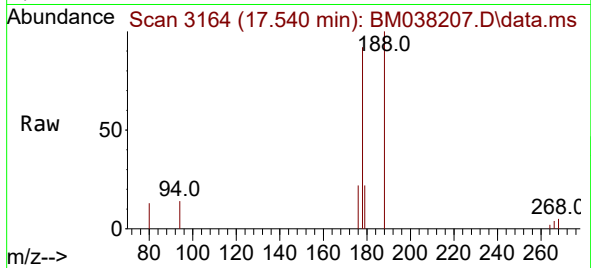
Tgt Ion:178 Resp: 10134
 Ion Ratio Lower Upper
 178 100
 179 17.2 13.0 19.4
 176 20.7 16.2 24.4



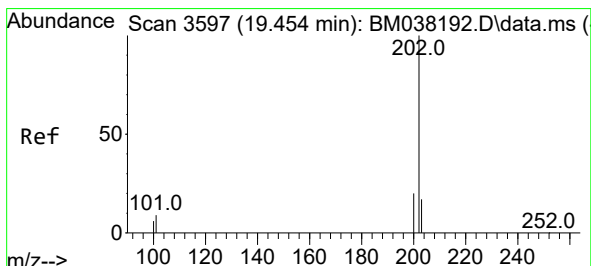
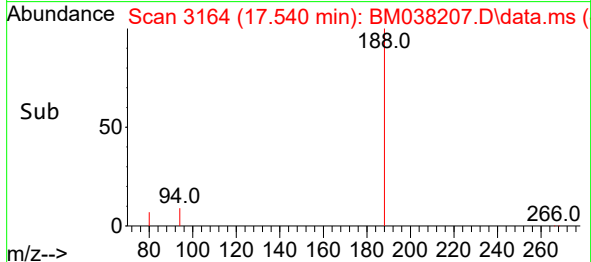
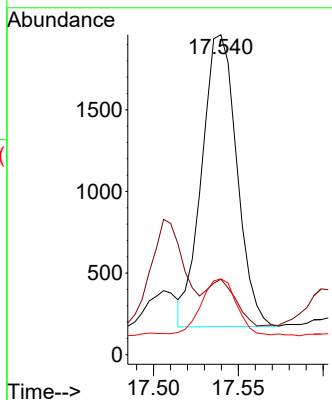


#16
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.540 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

Instrument :
 BNA_M
 ClientSampleId :

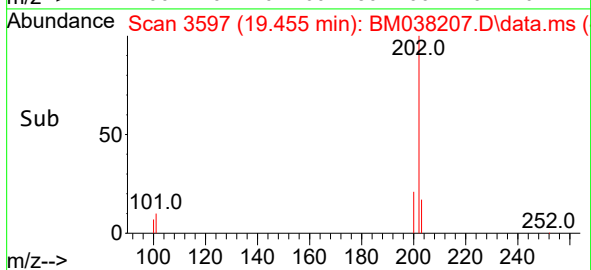
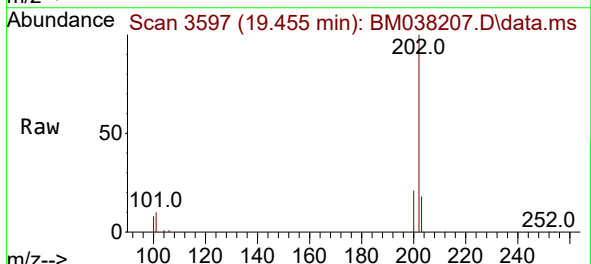
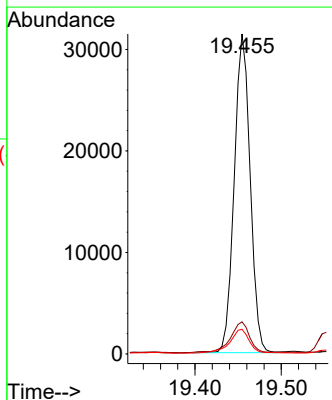


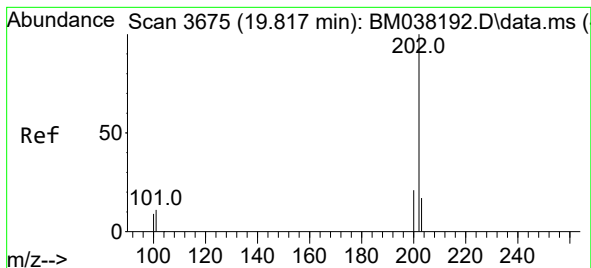
Tgt Ion:178 Resp: 2570
 Ion Ratio Lower Upper
 178 100
 179 23.6 13.0 19.6#
 176 23.7 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.787 ng/ul
 RT: 19.455 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

Tgt Ion:202 Resp: 40316
 Ion Ratio Lower Upper
 202 100
 101 10.1 7.5 11.3
 100 7.7 5.6 8.4





#20

Pyrene

Concen: 0.716 ng/ul

RT: 19.817 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038207.D

Acq: 22 Dec 2022 20:41

Instrument :

BNA_M

ClientSampleId :

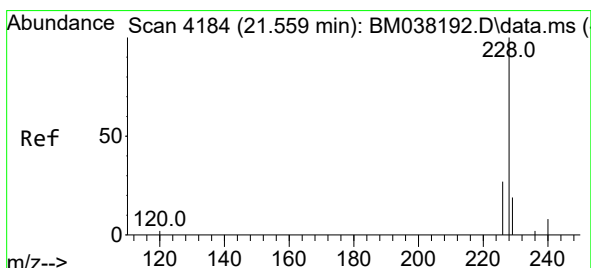
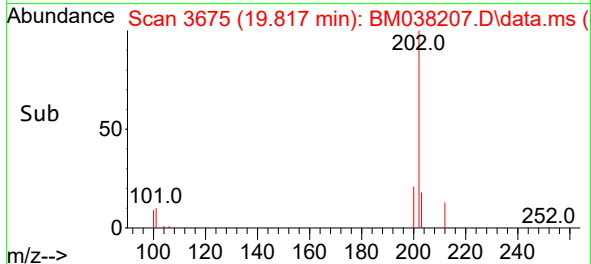
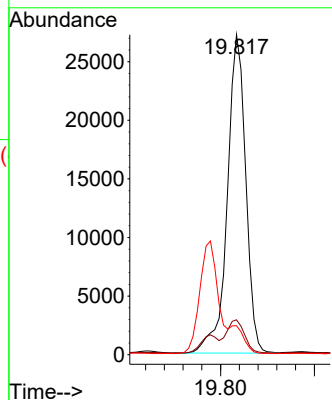
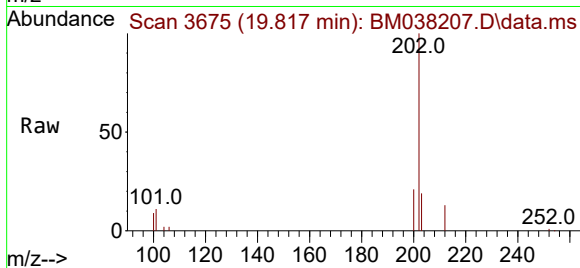
Tgt Ion:202 Resp: 37084

Ion Ratio Lower Upper

202 100

101 10.9 8.9 13.3

100 9.1 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.469 ng/ul

RT: 21.556 min Scan# 4183

Delta R.T. -0.003 min

Lab File: BM038207.D

Acq: 22 Dec 2022 20:41

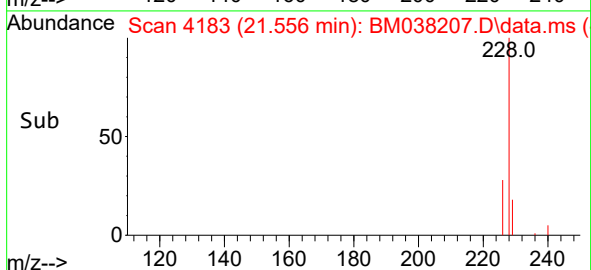
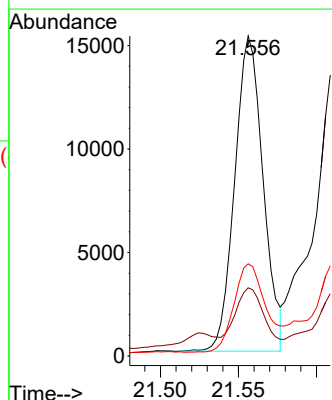
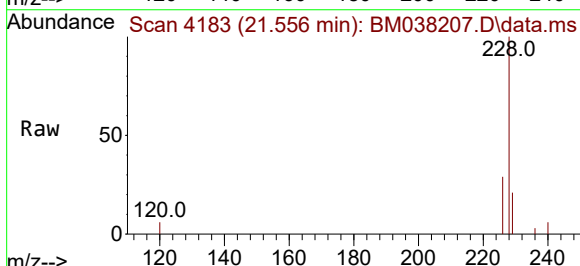
Tgt Ion:228 Resp: 19245

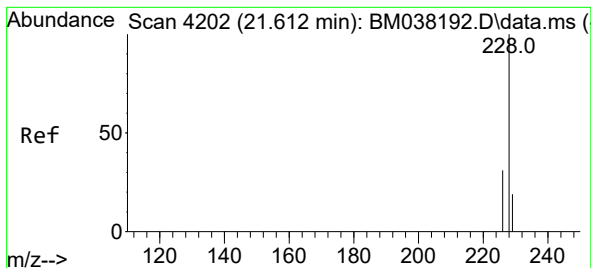
Ion Ratio Lower Upper

228 100

229 21.3 15.5 23.3

226 28.8 22.2 33.2





#22

Chrysene

Concen: 0.546 ng/ul

RT: 21.612 min Scan# 4202

Delta R.T. 0.000 min

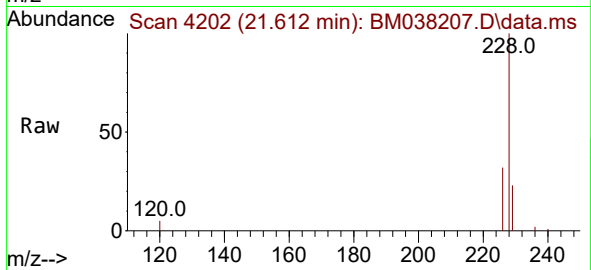
Lab File: BM038207.D

Acq: 22 Dec 2022 20:41

Instrument :

BNA_M

ClientSampleId :



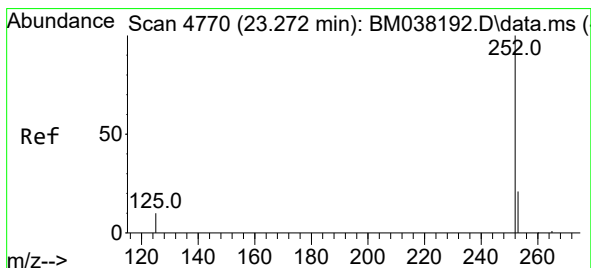
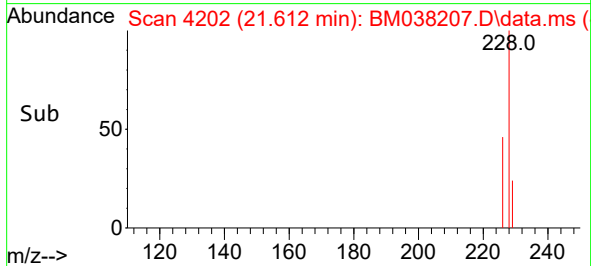
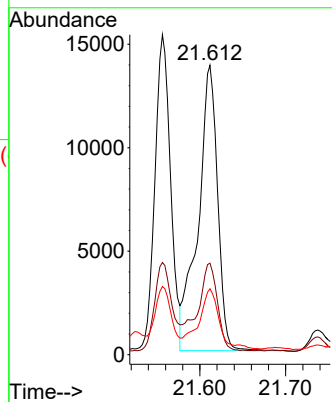
Tgt Ion:228 Resp: 21789

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.4

229 22.8 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 0.823 ng/ul

RT: 23.272 min Scan# 4770

Delta R.T. 0.000 min

Lab File: BM038207.D

Acq: 22 Dec 2022 20:41

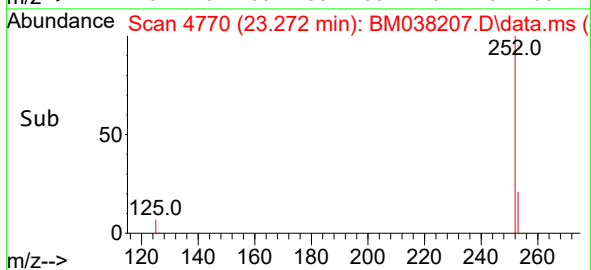
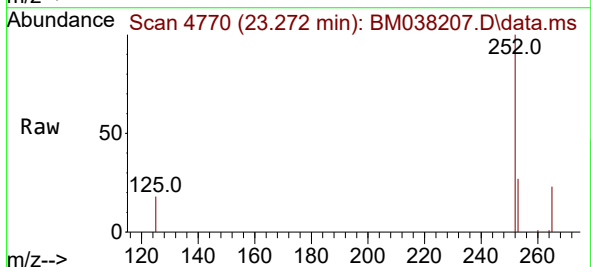
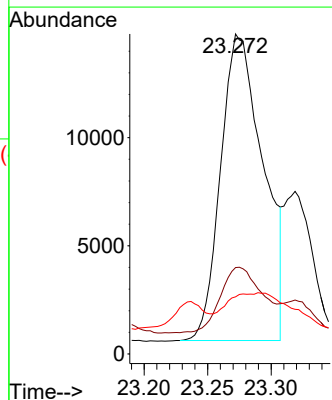
Tgt Ion:252 Resp: 33002

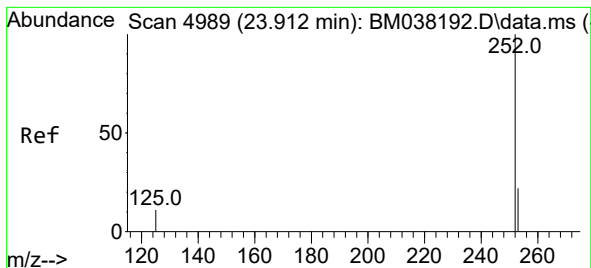
Ion Ratio Lower Upper

252 100

253 27.0 0.0 56.0

125 17.8 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.562 ng/ul

RT: 23.915 min Scan# 4989

Delta R.T. 0.003 min

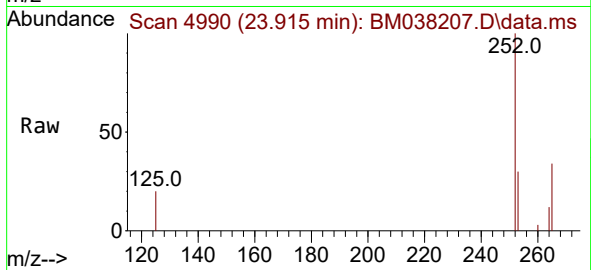
Lab File: BM038207.D

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BNA_M

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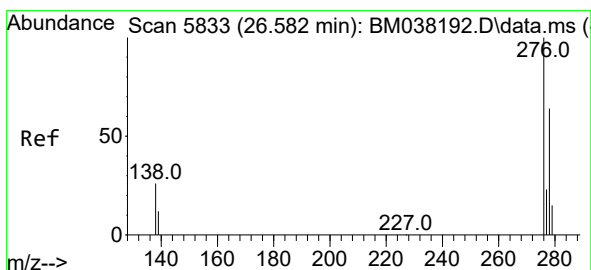
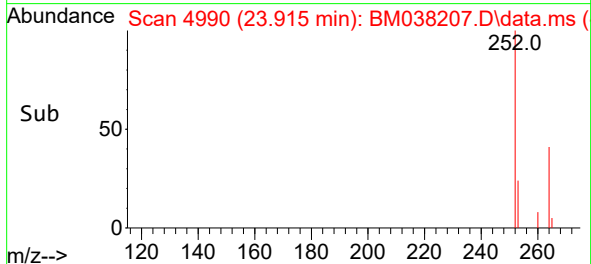
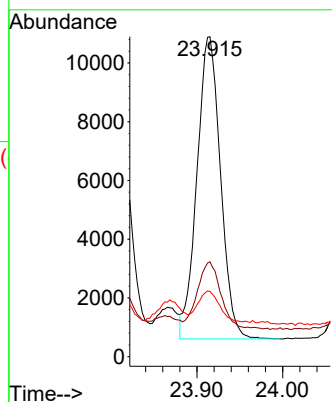
Tgt Ion:252 Resp: 19659

Ion Ratio Lower Upper

252 100

253 29.7 24.2 36.4

125 20.3 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.347 ng/ul

RT: 26.582 min Scan# 5833

Delta R.T. 0.000 min

Lab File: BM038207.D

Acq: 22 Dec 2022 20:41

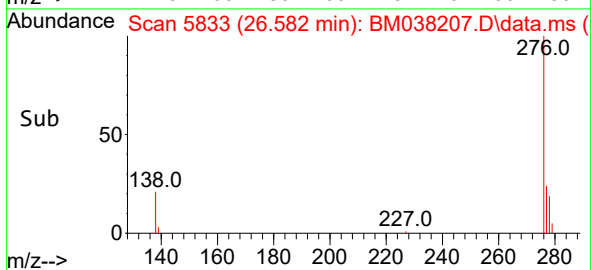
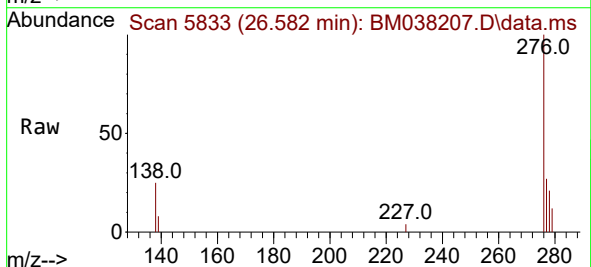
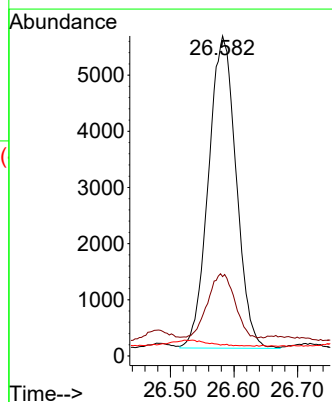
Tgt Ion:276 Resp: 16816

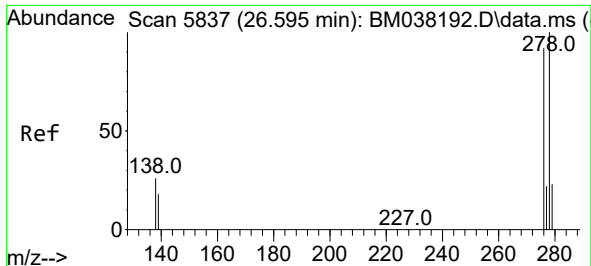
Ion Ratio Lower Upper

276 100

138 22.3 21.7 32.5

227 0.0 0.0 0.0

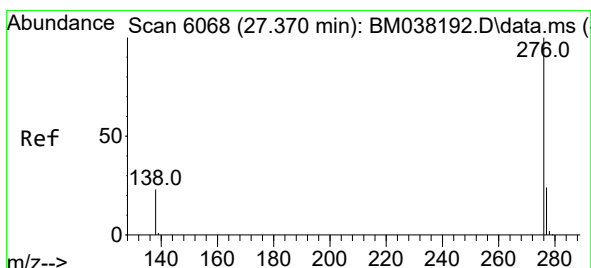
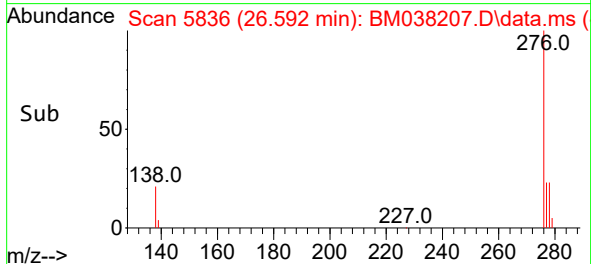
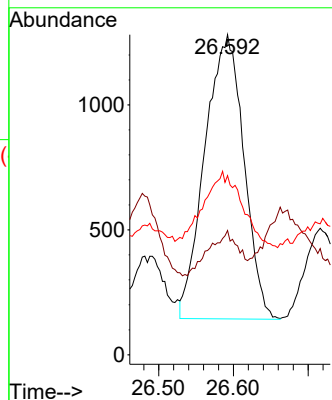
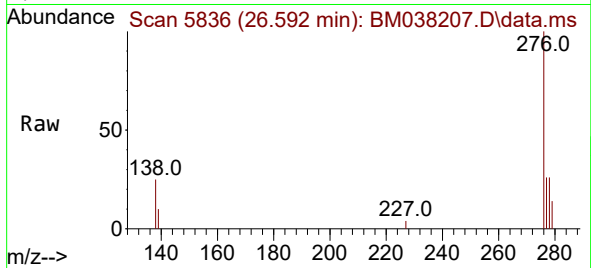




#28
Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 26.592 min Scan# 5837
Delta R.T. -0.003 min
Lab File: BM038207.D
Acq: 22 Dec 2022 20:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 4124
Ion Ratio Lower Upper
278 100
139 38.8 16.8 25.2#
279 56.0 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 27.377 min Scan# 6070
Delta R.T. 0.007 min
Lab File: BM038207.D
Acq: 22 Dec 2022 20:41

Tgt Ion:276 Resp: 14806
Ion Ratio Lower Upper
276 100
138 27.0 20.8 31.2
277 26.7 20.5 30.7

