

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
 Data File : BM037230.D
 Acq On : 25 Oct 2022 16:12
 Operator : CG/JU
 Sample : N5144-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 07:33:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

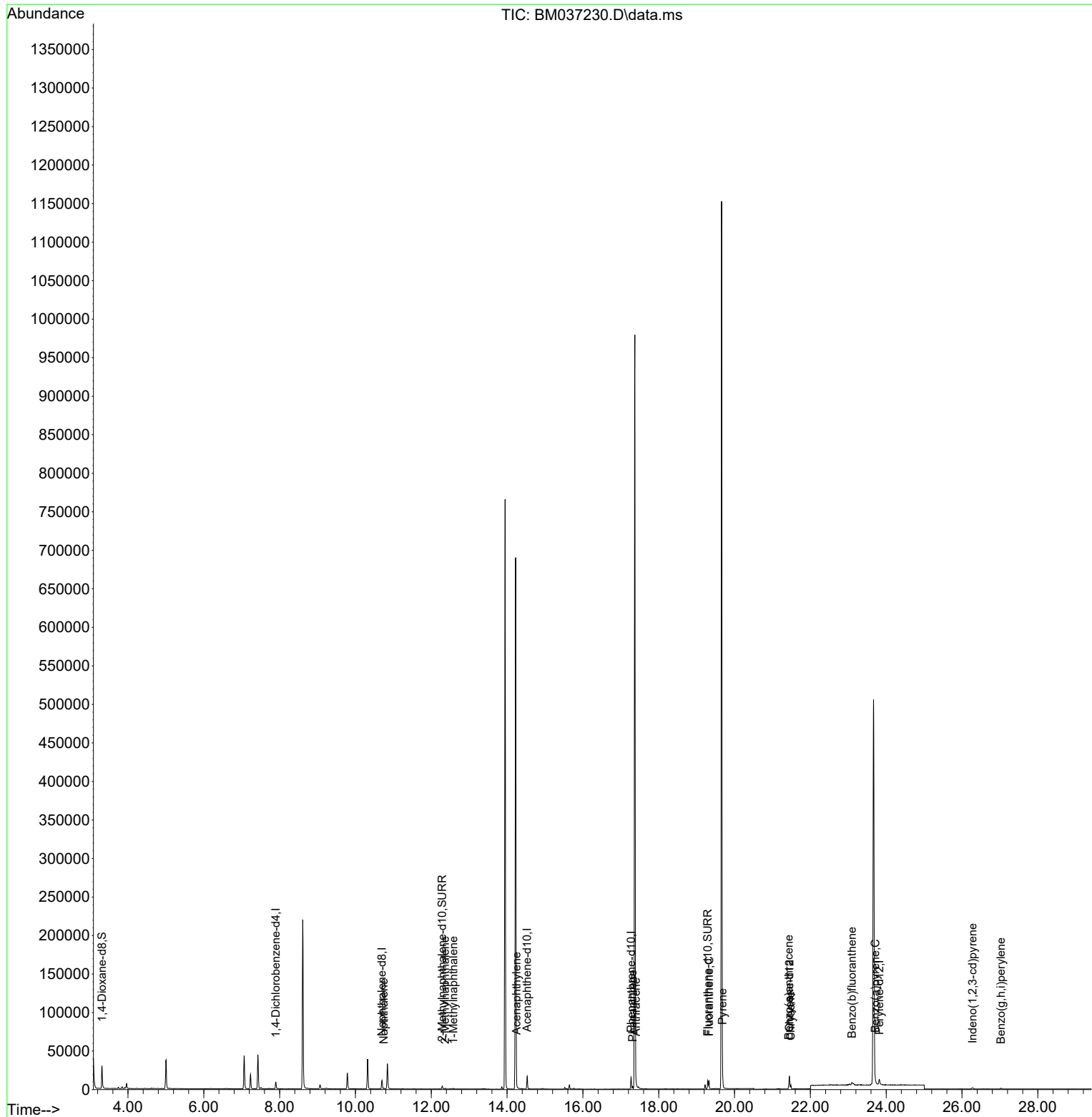
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	4572	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14525	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	8629	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	17731	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	12998	0.400	ng/ul	0.00
23) Perylene-d12	23.817	264	10147	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	19689	3.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	5011	0.243	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	11301	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	999	0.023	ng/ul#	78
7) 2-Methylnaphthalene	12.360	142	640	0.025	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	542	0.021	ng/ul	95
10) Acenaphthylene	14.251	152	1053	0.028	ng/ul#	74
15) Phenanthrene	17.309	178	3549	0.059	ng/ul	94
16) Anthracene	17.402	178	1491	0.031	ng/ul#	82
19) Fluoranthene	19.326	202	9130	0.162	ng/ul	99
20) Pyrene	19.684	202	11024	0.193	ng/ul#	95
21) Benzo(a)anthracene	21.429	228	4489	0.089	ng/ul	94
22) Chrysene	21.482	228	4674	0.081	ng/ul	95
24) Benzo(b)fluoranthene	23.095	252	5142	0.096	ng/ul#	57
26) Benzo(a)pyrene	23.709	252	3254	0.075	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	26.275	276	2473	0.041	ng/ul#	89
29) Benzo(g,h,i)perylene	27.027	276	2043	0.039	ng/ul#	75

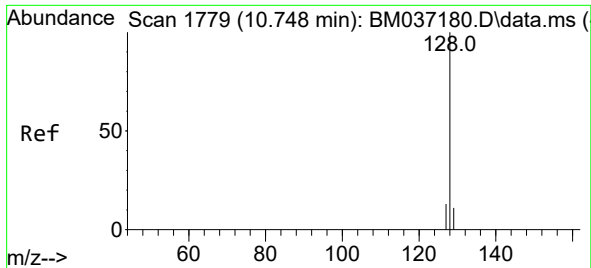
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
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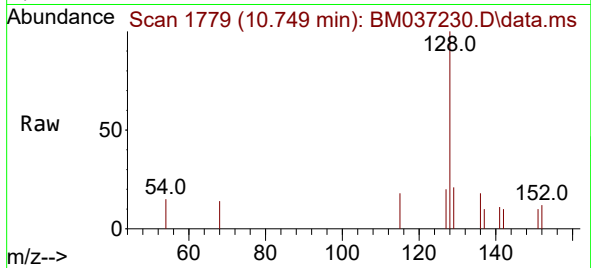
Quant Time: Oct 26 07:33:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
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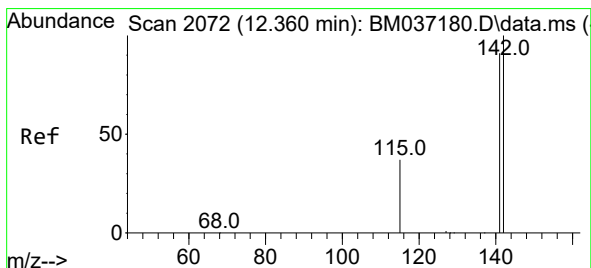
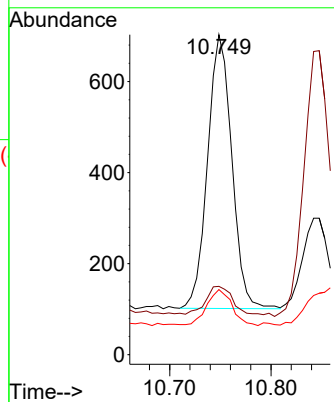
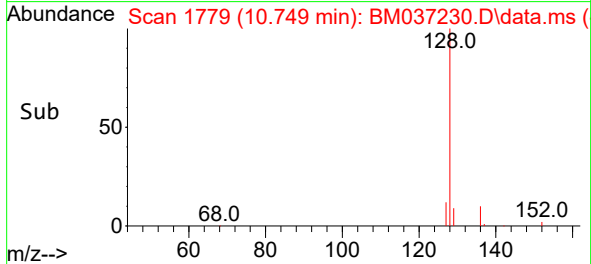


#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Instrument :
BNA_M
ClientSampleId :

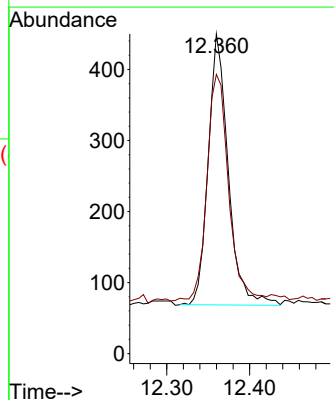
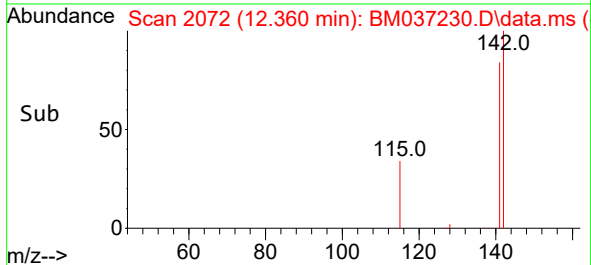
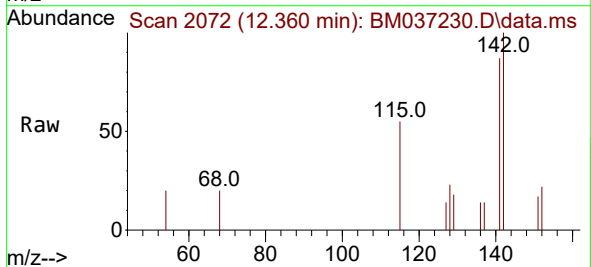


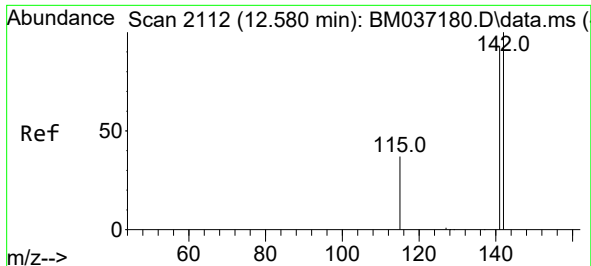
Tgt Ion:128 Resp: 999
Ion Ratio Lower Upper
128 100
129 21.3 9.3 13.9#
127 20.3 10.5 15.7#



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:142 Resp: 640
Ion Ratio Lower Upper
142 100
141 92.7 72.8 109.2

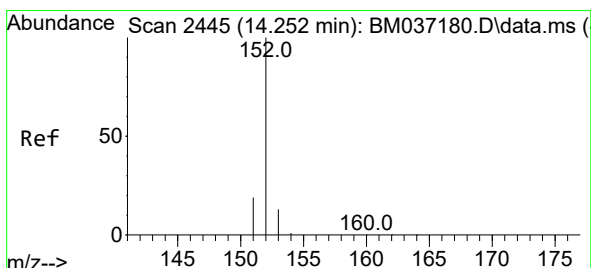
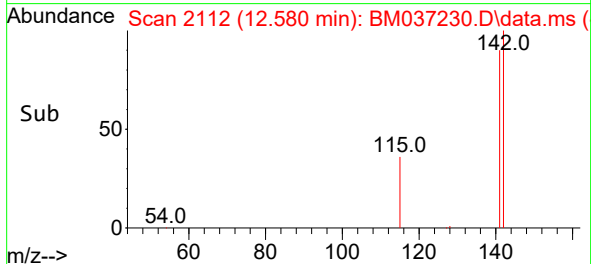
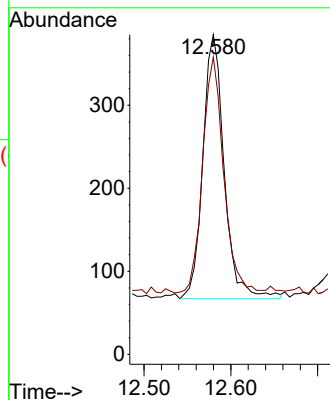
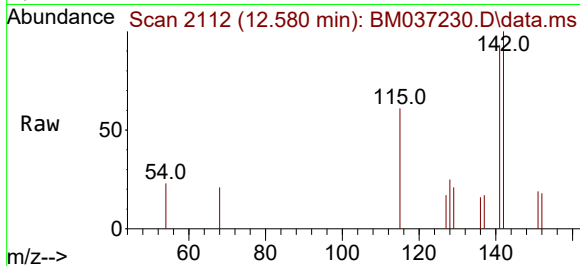




#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

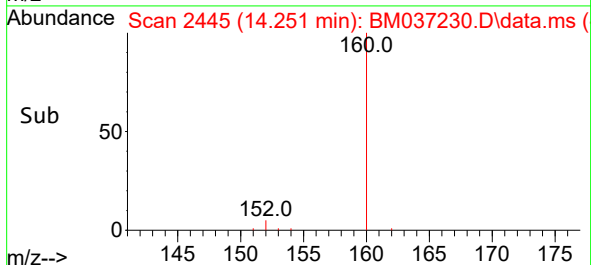
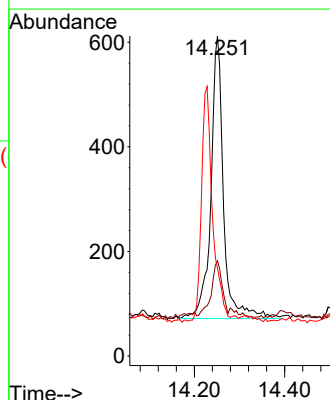
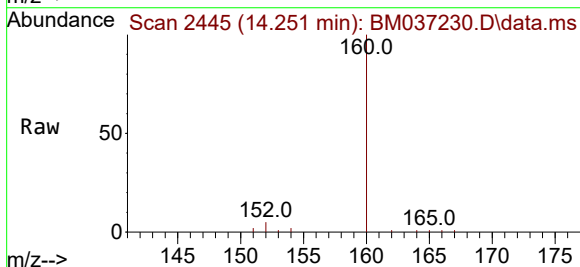
Instrument :
BNA_M
ClientSampleId :

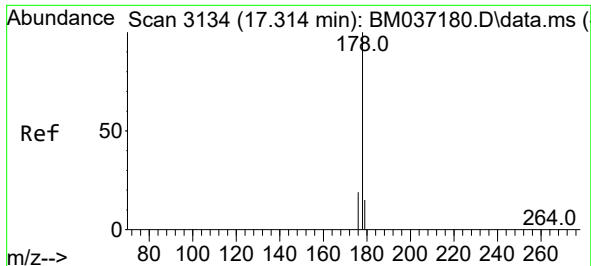
Tgt Ion:142 Resp: 542
Ion Ratio Lower Upper
142 100
141 88.2 74.2 111.4



#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

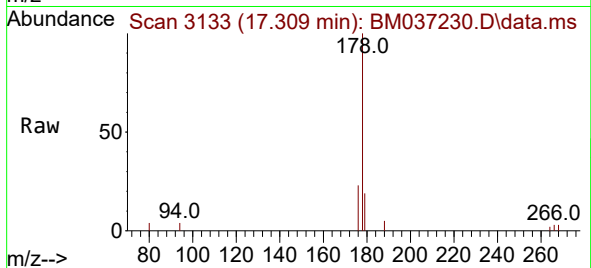
Tgt Ion:152 Resp: 1053
Ion Ratio Lower Upper
152 100
151 29.7 16.2 24.2#
153 27.5 10.8 16.2#



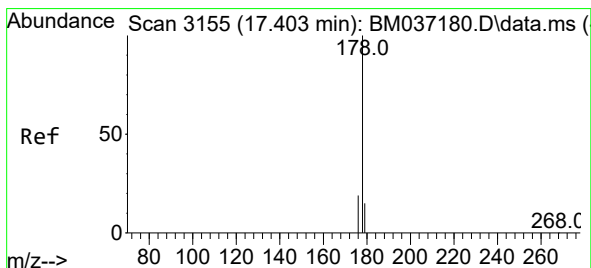
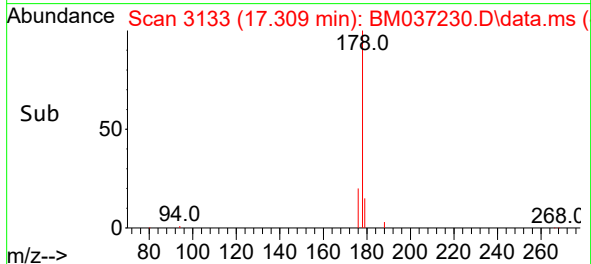
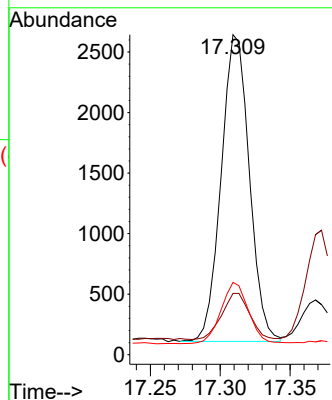


#15
Phenanthrene
Concen: 0.059 ng/ul
RT: 17.309 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Instrument :
BNA_M
ClientSampleId :

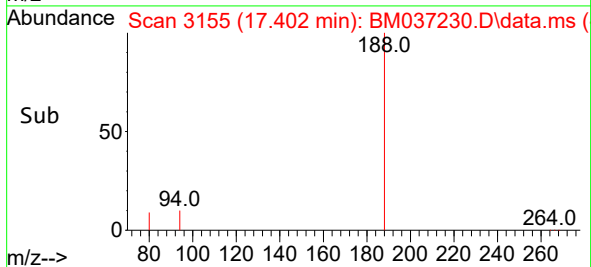
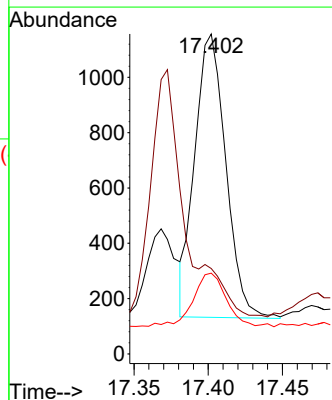
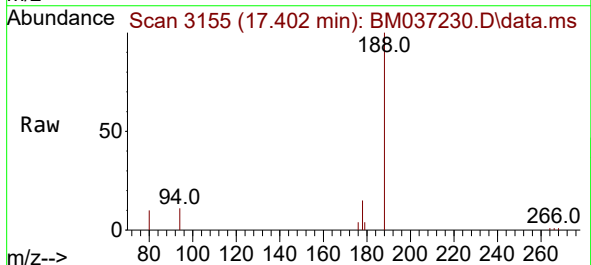


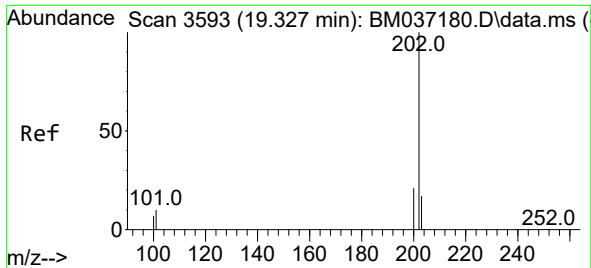
Tgt Ion:178 Resp: 3549
Ion Ratio Lower Upper
178 100
179 19.2 13.0 19.6
176 22.6 16.1 24.1



#16
Anthracene
Concen: 0.031 ng/ul
RT: 17.402 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

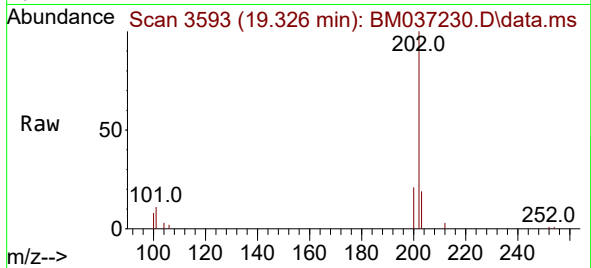
Tgt Ion:178 Resp: 1491
Ion Ratio Lower Upper
178 100
179 26.7 13.1 19.7#
176 25.2 15.3 22.9#



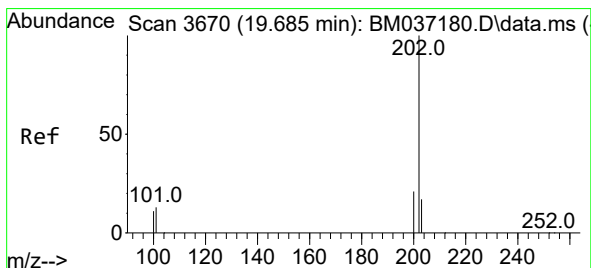
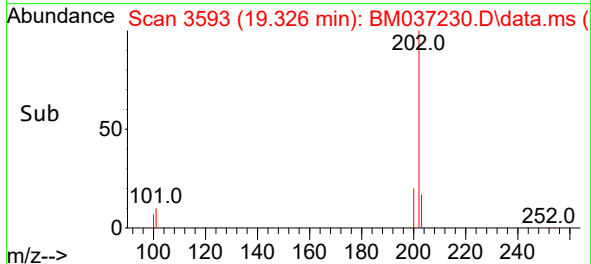
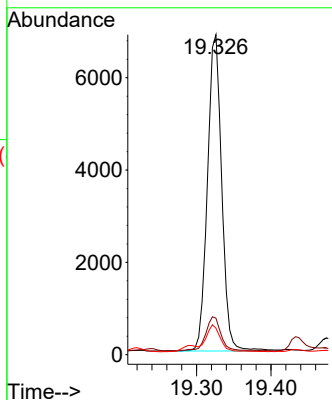


#19
Fluoranthene
Concen: 0.162 ng/ul
RT: 19.326 min Scan# 3593
Delta R.T. -0.001 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Instrument :
BNA_M
ClientSampleId :

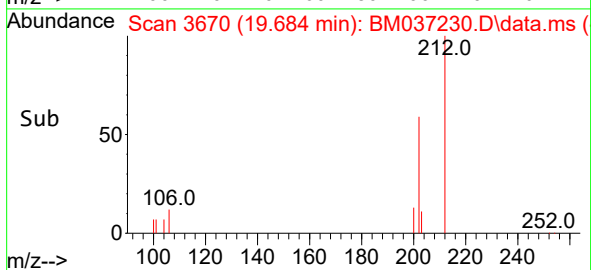
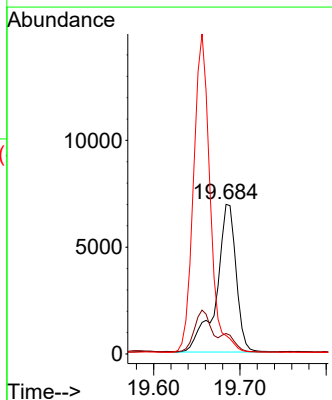
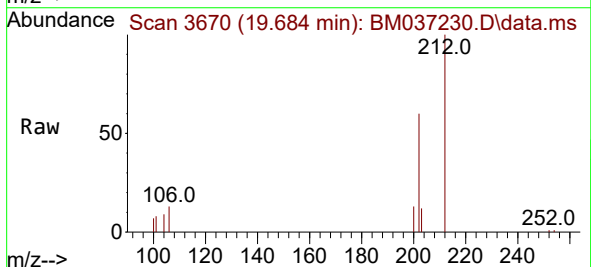


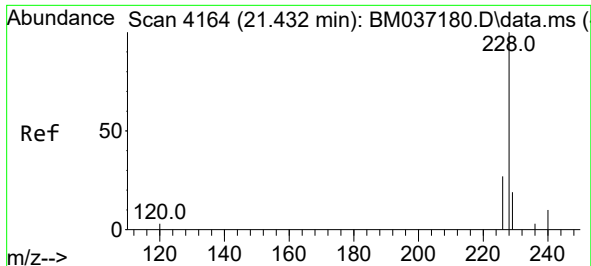
Tgt Ion:202 Resp: 9130
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
100 8.3 6.9 10.3



#20
Pyrene
Concen: 0.193 ng/ul
RT: 19.684 min Scan# 3670
Delta R.T. -0.001 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

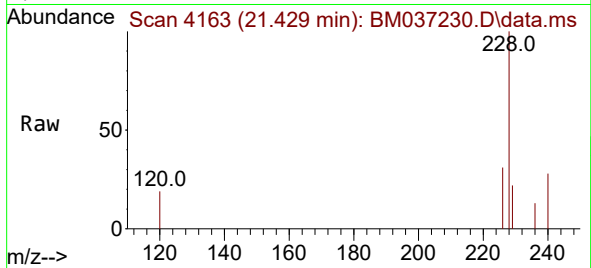
Tgt Ion:202 Resp: 11024
Ion Ratio Lower Upper
202 100
101 13.7 9.7 14.5
100 12.3 7.8 11.8#



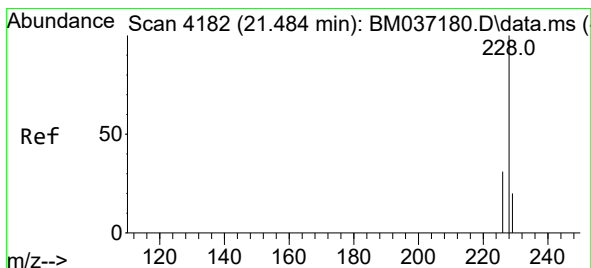
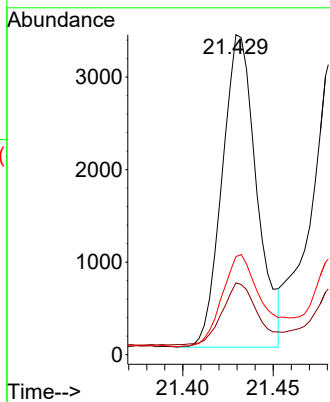
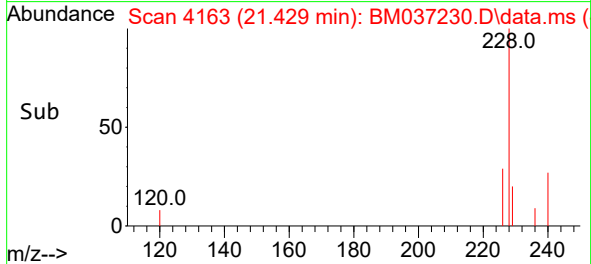


#21
Benzo(a)anthracene
Concen: 0.089 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. -0.002 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Instrument :
BNA_M
ClientSampleId :

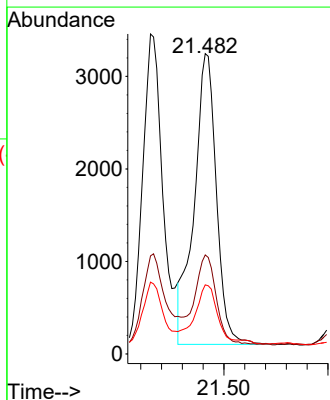
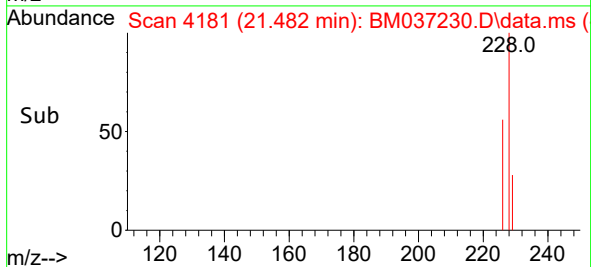
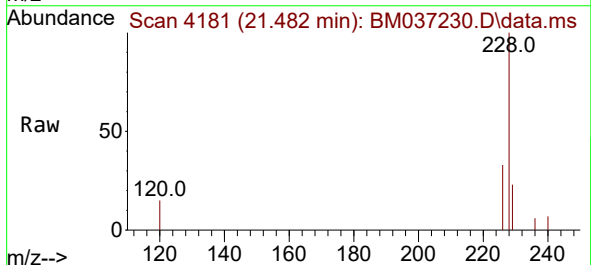


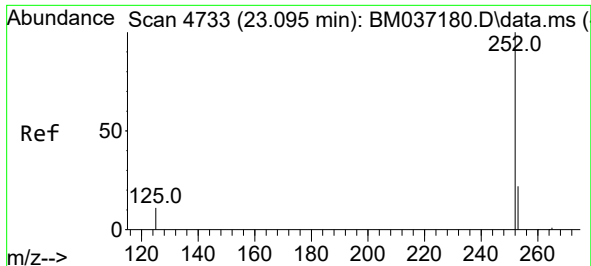
Tgt Ion:228 Resp: 4489
Ion Ratio Lower Upper
228 100
229 22.5 15.8 23.6
226 30.6 21.8 32.8



#22
Chrysene
Concen: 0.081 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

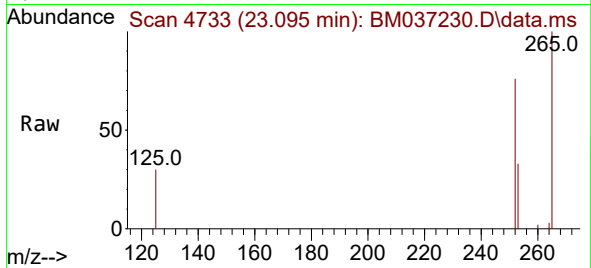
Tgt Ion:228 Resp: 4674
Ion Ratio Lower Upper
228 100
226 33.0 24.8 37.2
229 23.0 16.0 24.0



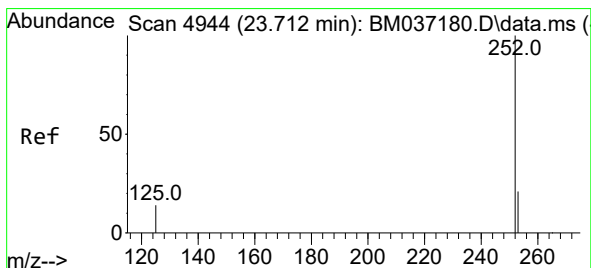
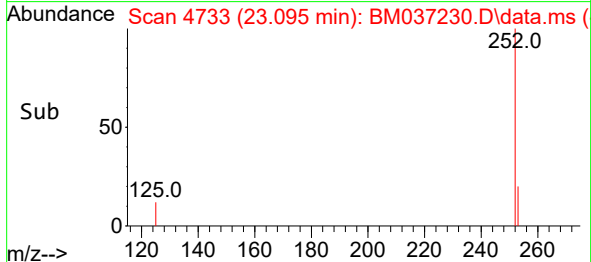
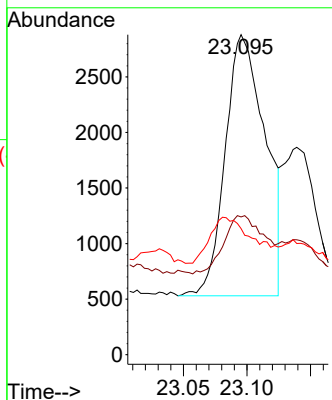


#24
Benzo(b)fluoranthene
Concen: 0.096 ng/ul
RT: 23.095 min Scan# 4733
Delta R.T. 0.001 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Instrument :
BNA_M
ClientSampleId :

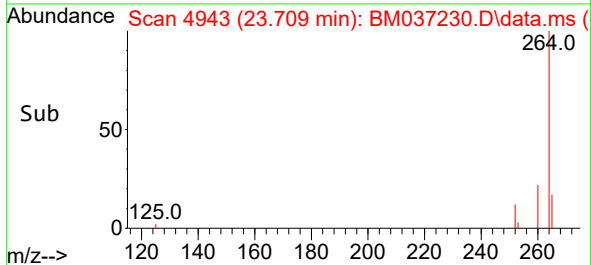
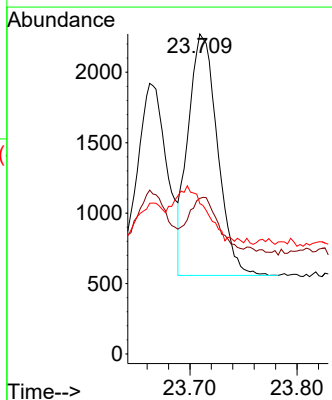
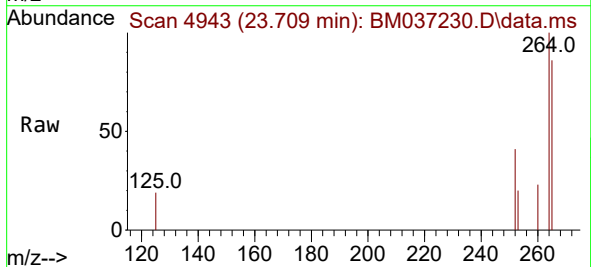


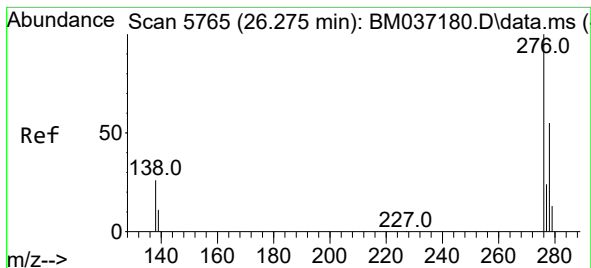
Tgt Ion:252 Resp: 5142
Ion Ratio Lower Upper
252 100
253 43.1 0.0 50.6
125 39.4 0.0 32.6#



#26
Benzo(a)pyrene
Concen: 0.075 ng/ul
RT: 23.709 min Scan# 4943
Delta R.T. -0.002 min
Lab File: BM037230.D
Acq: 25 Oct 2022 16:12

Tgt Ion:252 Resp: 3254
Ion Ratio Lower Upper
252 100
253 48.6 22.1 33.1#
125 47.0 17.6 26.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.041 ng/ul

RT: 26.275 min Scan# 5

Delta R.T. 0.001 min

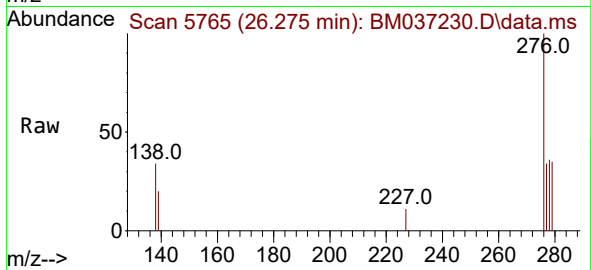
Lab File: BM037230.D

Acq: 25 Oct 2022 16:12

Instrument :

BNA_M

ClientSampleId :



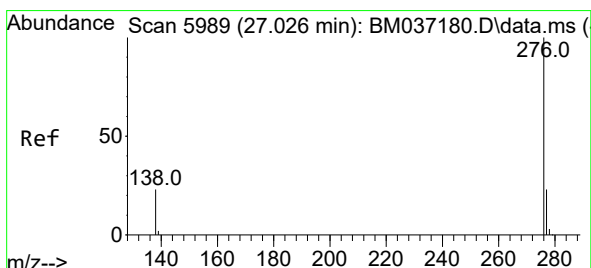
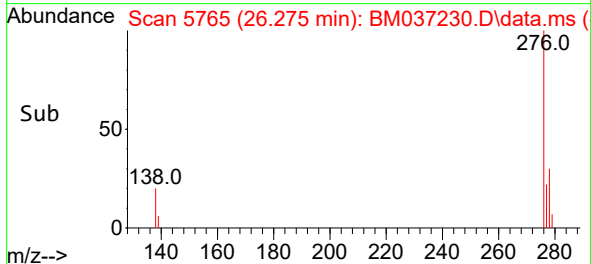
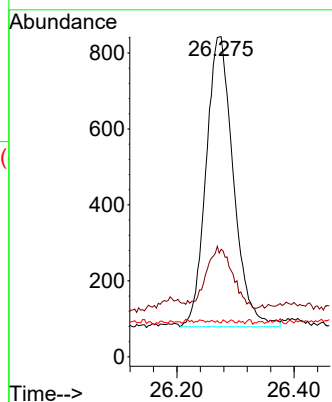
Tgt Ion:276 Resp: 2473

Ion Ratio Lower Upper

276 100

138 21.1 21.4 32.0#

227 0.1 0.1 0.1#



#29

Benzo(g,h,i)perylene

Concen: 0.039 ng/ul

RT: 27.027 min Scan# 5989

Delta R.T. 0.001 min

Lab File: BM037230.D

Acq: 25 Oct 2022 16:12

Tgt Ion:276 Resp: 2043

Ion Ratio Lower Upper

276 100

138 37.6 19.8 29.8#

277 36.9 20.1 30.1#

