

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038066.D
 Acq On : 16 Dec 2022 14:31
 Operator : CG/JU
 Sample : N5925-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXV4

Quant Time: Dec 16 23:20:33 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 21:53:17 2022
 Response via : Initial Calibration

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

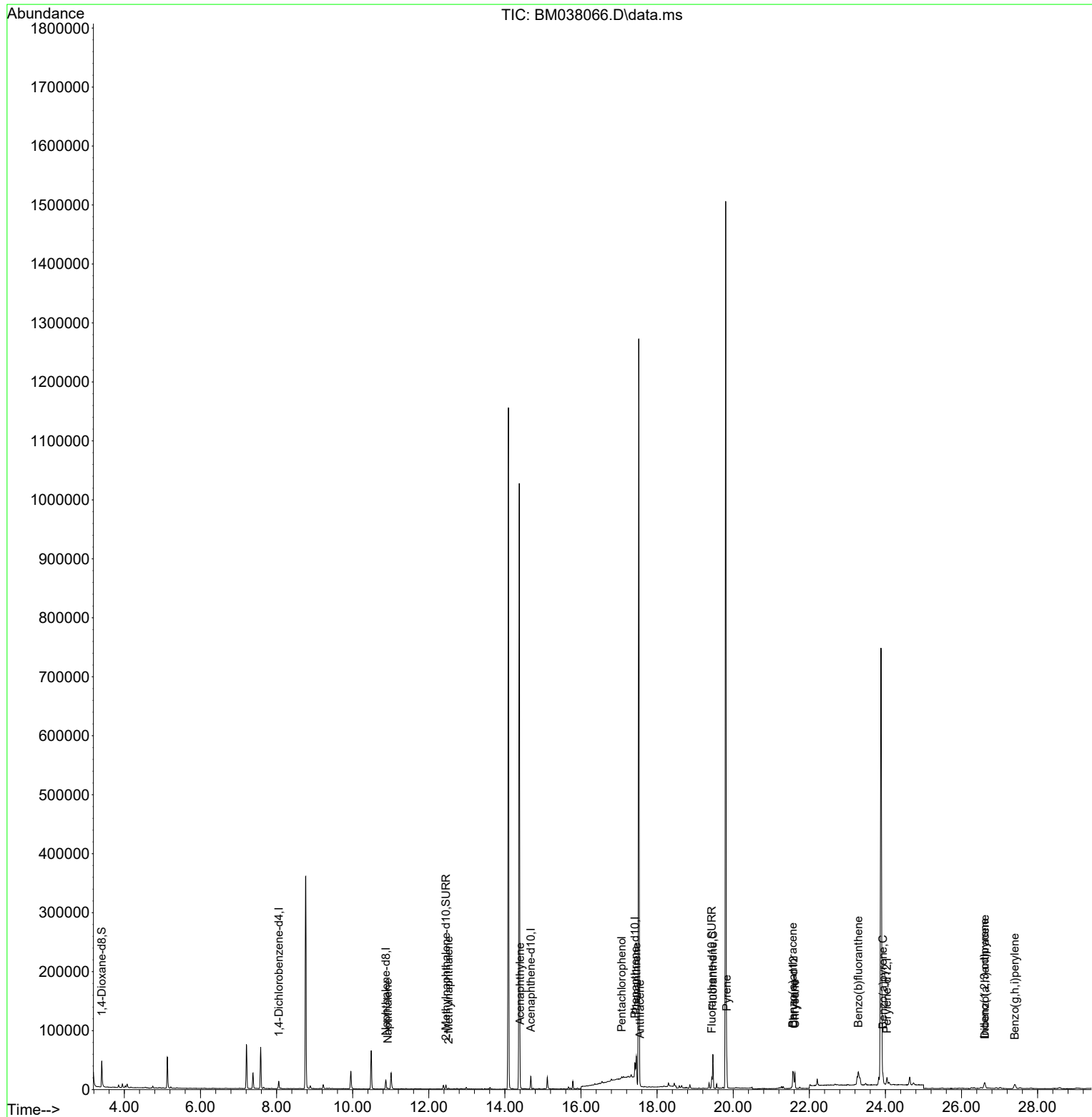
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	6231	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	20029	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	11489	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	27705	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.586	240	18056	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	16820	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	30270	3.554	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	8363	0.286	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	18170	0.278	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.922	128	1918	0.032	ng/ul#	86
7) 2-Methylnaphthalene	12.522	142	893	0.024	ng/ul	97
10) Acenaphthylene	14.402	152	1434	0.024	ng/ul#	76
14) Pentachlorophenol	17.071	266	1771	0.154	ng/ul	96
15) Phenanthrene	17.460	178	19117	0.205	ng/ul	96
16) Anthracene	17.552	178	2855	0.033	ng/ul#	78
19) Fluoranthene	19.469	202	47712	0.512	ng/ul	98
20) Pyrene	19.831	202	40994	0.431	ng/ul	96
21) Benzo(a)anthracene	21.568	228	21057	0.270	ng/ul#	95
22) Chrysene	21.621	228	26716	0.339	ng/ul	96
24) Benzo(b)fluoranthene	23.287	252	37520	0.470	ng/ul	95
26) Benzo(a)pyrene	23.933	252	21196	0.316	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.602	276	16989	0.201	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.616	278	4442	0.068	ng/ul#	60
29) Benzo(g,h,i)perylene	27.400	276	16771	0.234	ng/ul	97

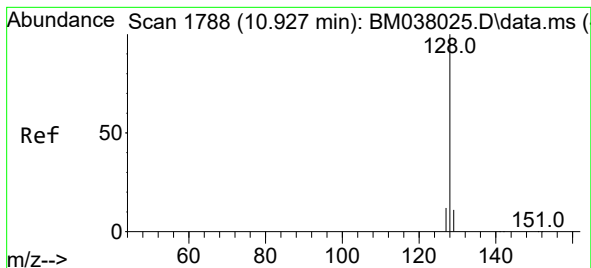
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.032 ng/ul

RT: 10.922 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM038066.D

Acq: 16 Dec 2022 14:31

Instrument :

BNA_M

ClientSampleId :

DBXV4

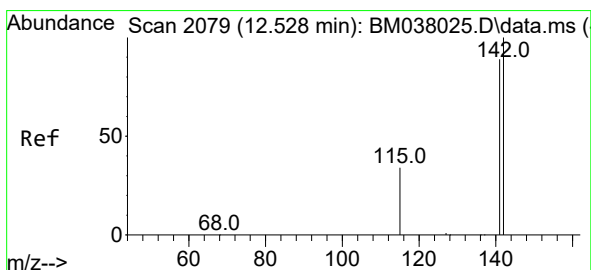
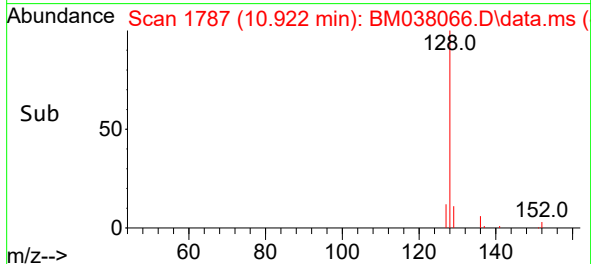
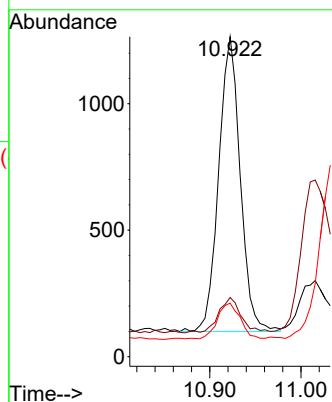
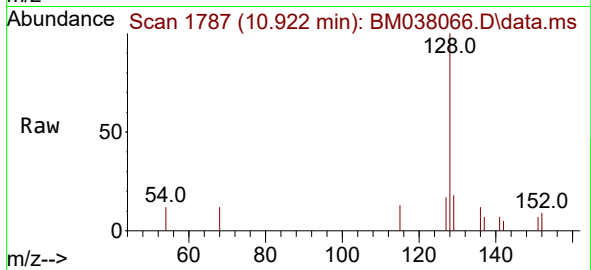
Tgt Ion:128 Resp: 1918

Ion Ratio Lower Upper

128 100

129 18.5 9.1 13.7#

127 16.8 10.4 15.6#



#7

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.522 min Scan# 2078

Delta R.T. -0.005 min

Lab File: BM038066.D

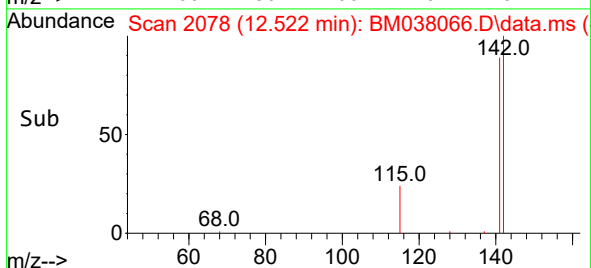
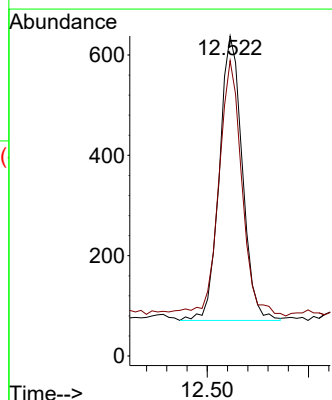
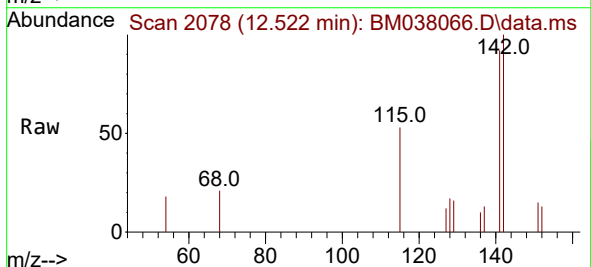
Acq: 16 Dec 2022 14:31

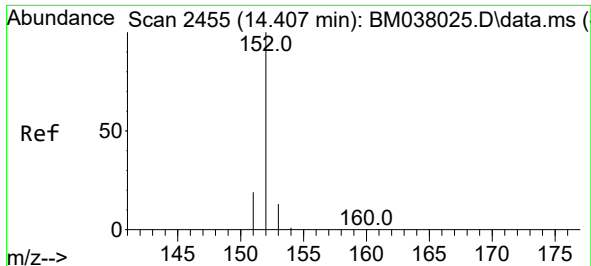
Tgt Ion:142 Resp: 893

Ion Ratio Lower Upper

142 100

141 90.7 70.4 105.6

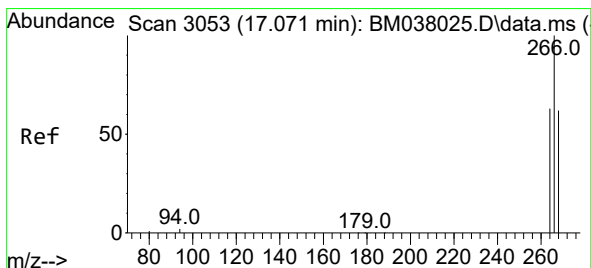
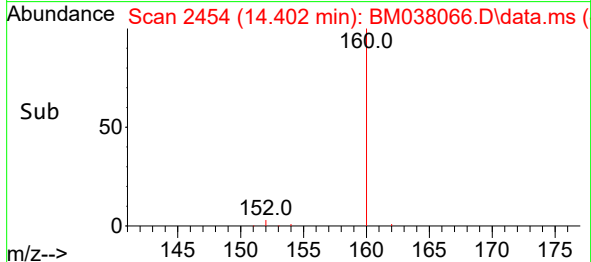
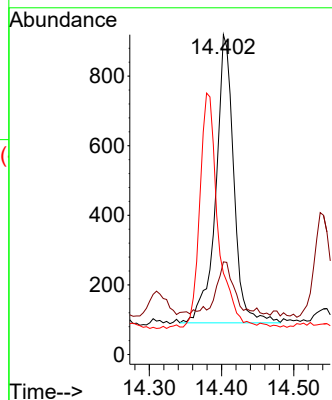
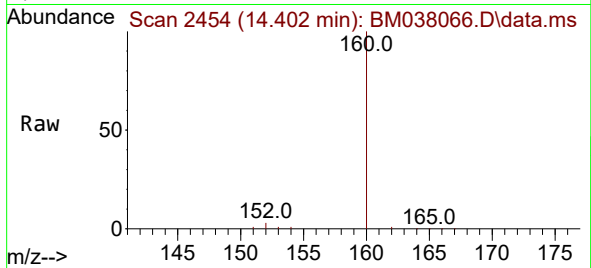




#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.402 min Scan# 2455
Delta R.T. -0.004 min
Lab File: BM038066.D
Acq: 16 Dec 2022 14:31

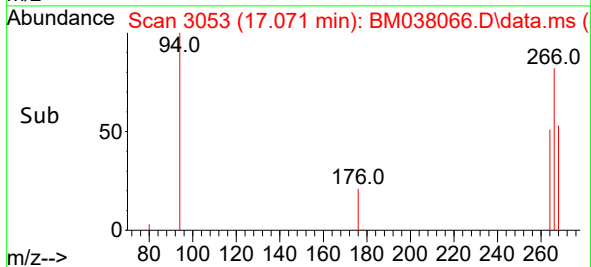
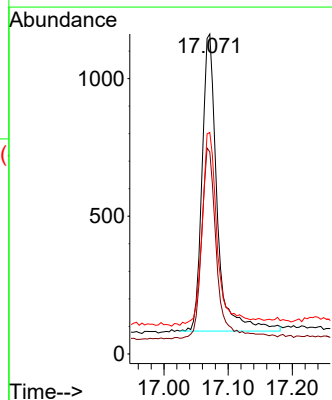
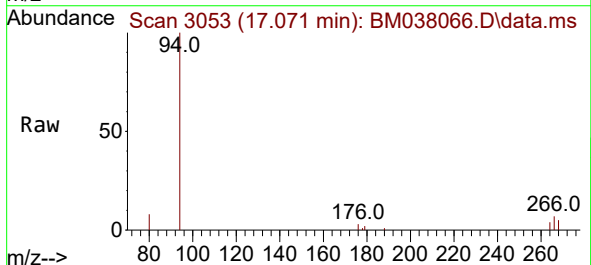
Instrument :
BNA_M
ClientSampleId :
DBXV4

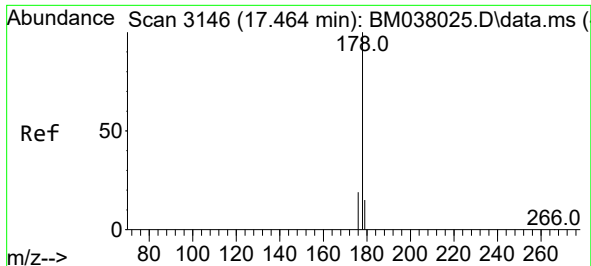
Tgt Ion:152 Resp: 1434
Ion Ratio Lower Upper
152 100
151 28.9 15.5 23.3#
153 25.5 11.0 16.4#



#14
Pentachlorophenol
Concen: 0.154 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM038066.D
Acq: 16 Dec 2022 14:31

Tgt Ion:266 Resp: 1771
Ion Ratio Lower Upper
266 100
264 63.6 49.9 74.9
268 69.9 52.0 78.0

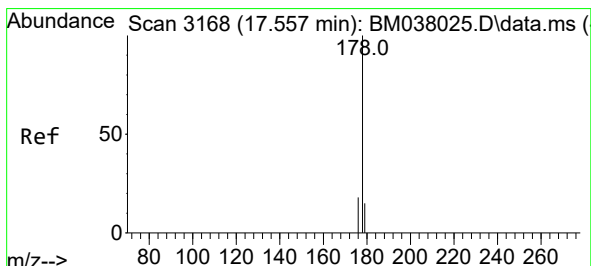
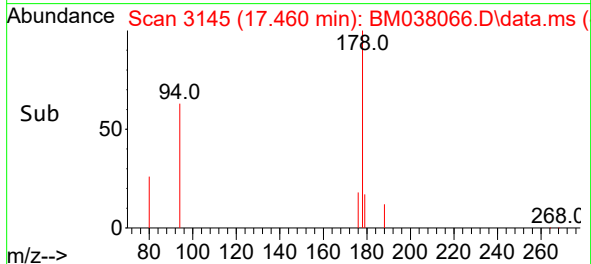
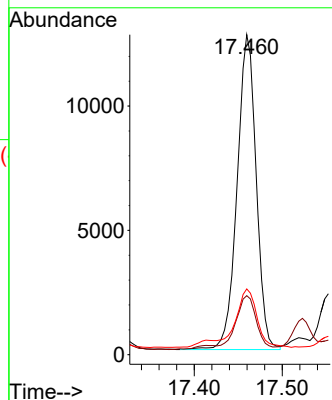
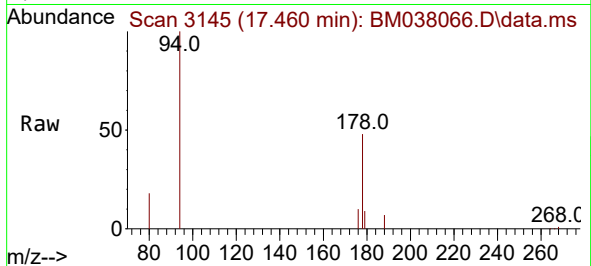




#15
Phenanthrene
Concen: 0.205 ng/ul
RT: 17.460 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BM038066.D
Acq: 16 Dec 2022 14:31

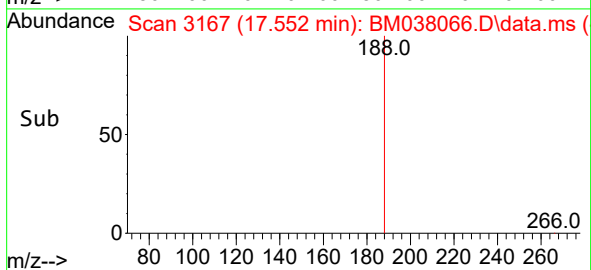
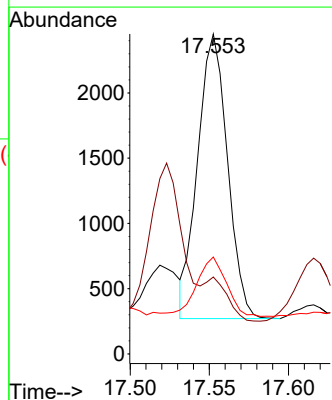
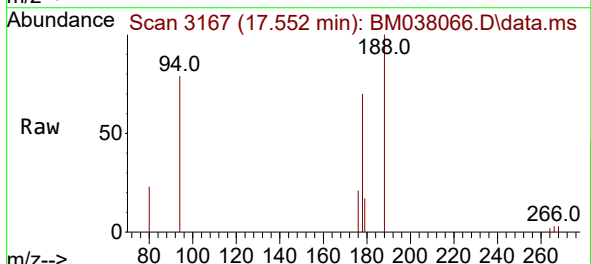
Instrument :
BNA_M
ClientSampleId :
DBXV4

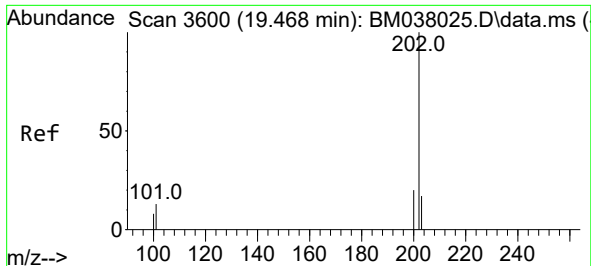
Tgt Ion:178 Resp: 19117
Ion Ratio Lower Upper
178 100
179 18.4 12.6 19.0
176 20.5 15.8 23.6



#16
Anthracene
Concen: 0.033 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038066.D
Acq: 16 Dec 2022 14:31

Tgt Ion:178 Resp: 2855
Ion Ratio Lower Upper
178 100
179 24.0 13.0 19.4#
176 30.3 15.0 22.4#

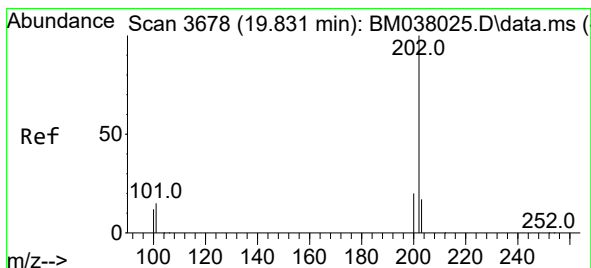
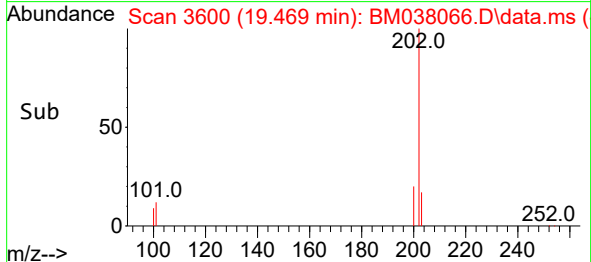
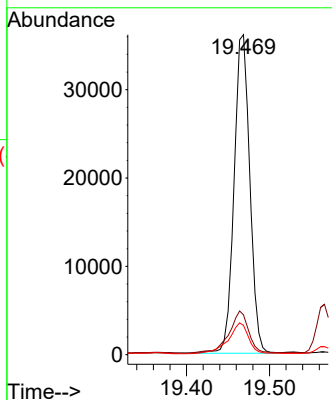
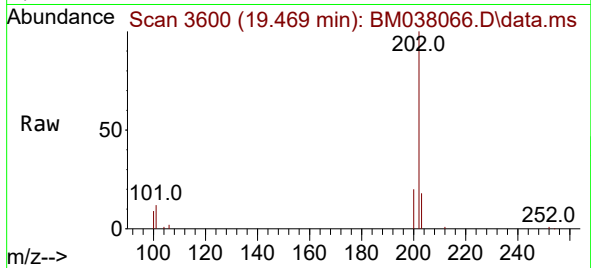




#19
Fluoranthene
Concen: 0.512 ng/ul
RT: 19.469 min Scan# 3600
Delta R.T. 0.000 min
Lab File: BM038066.D
Acq: 16 Dec 2022 14:31

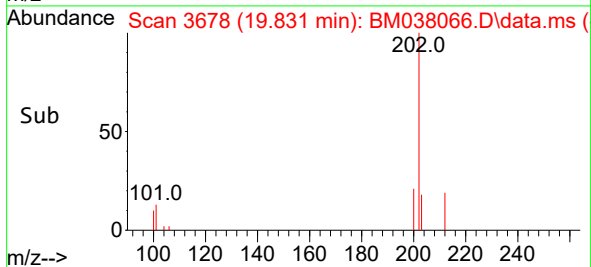
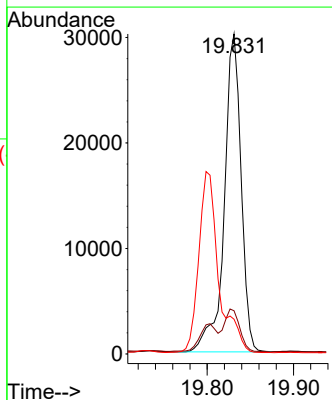
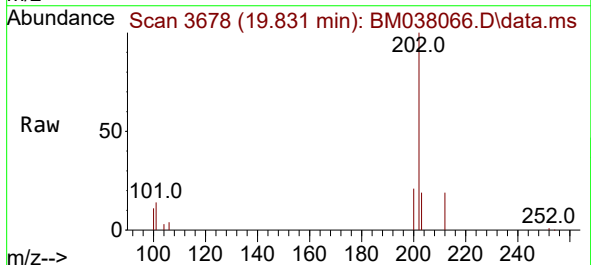
Instrument :
BNA_M
ClientSampleId :
DBXV4

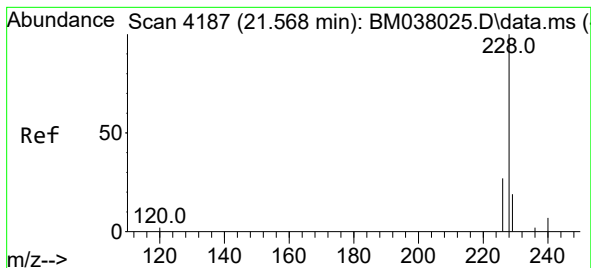
Tgt Ion:202 Resp: 47712
Ion Ratio Lower Upper
202 100
101 12.4 10.6 15.8
100 9.1 7.9 11.9



#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038066.D
Acq: 16 Dec 2022 14:31

Tgt Ion:202 Resp: 40994
Ion Ratio Lower Upper
202 100
101 13.5 12.1 18.1
100 10.9 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.270 ng/ul

RT: 21.568 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM038066.D

Acq: 16 Dec 2022 14:31

Instrument :

BNA_M

ClientSampleId :

DBXV4

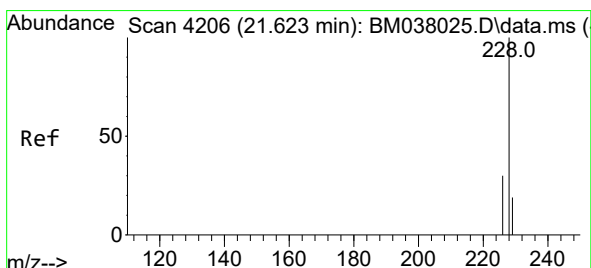
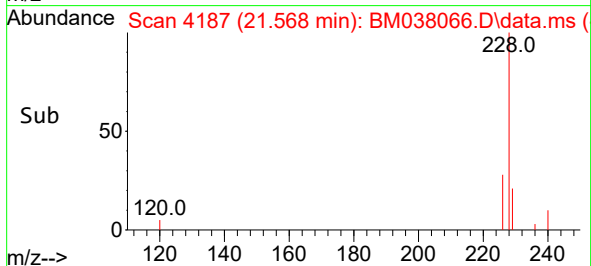
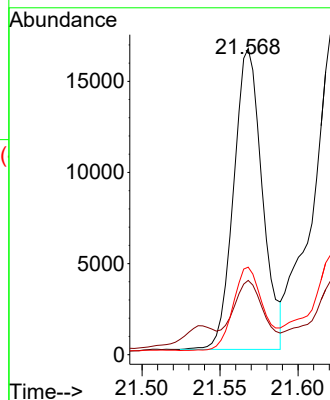
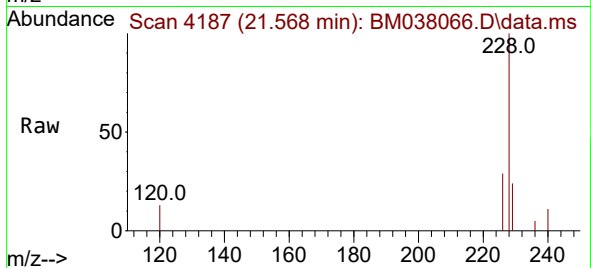
Tgt Ion:228 Resp: 21057

Ion Ratio Lower Upper

228 100

229 24.2 15.9 23.9#

226 28.6 22.1 33.1



#22

Chrysene

Concen: 0.339 ng/ul

RT: 21.621 min Scan# 4205

Delta R.T. -0.003 min

Lab File: BM038066.D

Acq: 16 Dec 2022 14:31

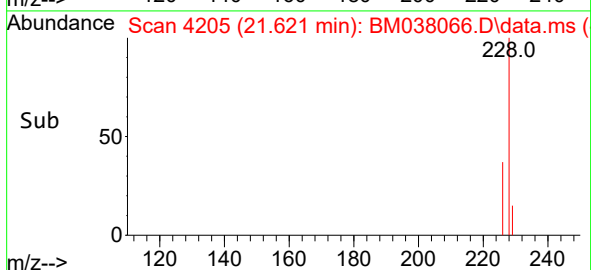
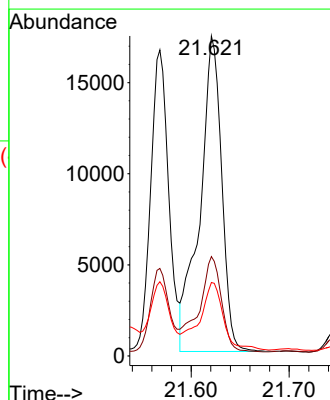
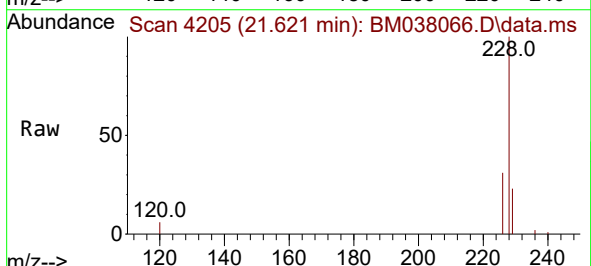
Tgt Ion:228 Resp: 26716

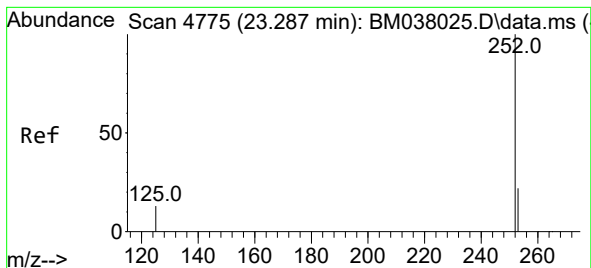
Ion Ratio Lower Upper

228 100

226 31.0 24.1 36.1

229 23.0 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.470 ng/ul

RT: 23.287 min Scan# 4775

Delta R.T. 0.000 min

Lab File: BM038066.D

Acq: 16 Dec 2022 14:31

Instrument :

BNA_M

ClientSampleId :

DBXV4

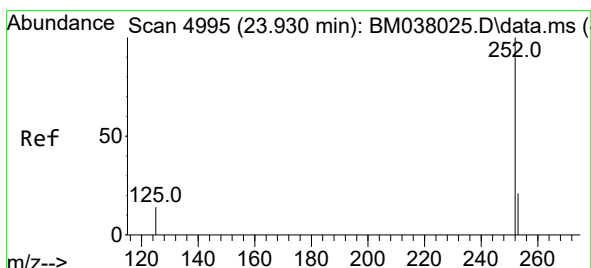
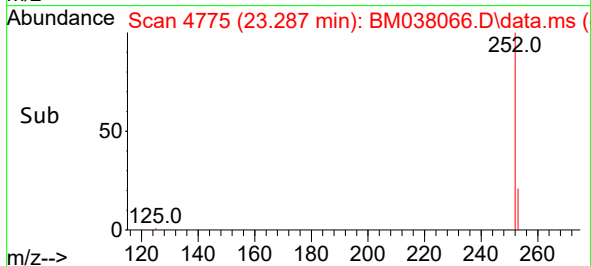
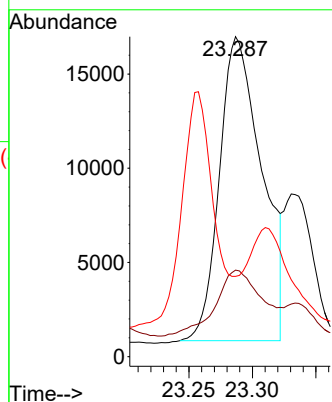
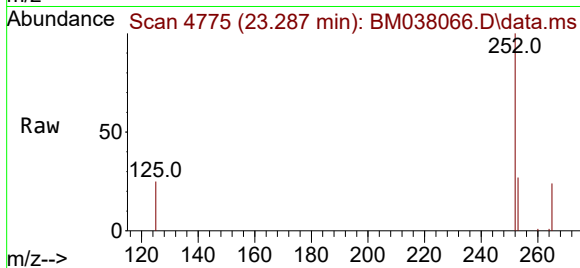
Tgt Ion:252 Resp: 37520

Ion Ratio Lower Upper

252 100

253 27.1 0.0 51.8

125 25.1 0.0 42.2



#26

Benzo(a)pyrene

Concen: 0.316 ng/ul

RT: 23.933 min Scan# 4996

Delta R.T. 0.003 min

Lab File: BM038066.D

Acq: 16 Dec 2022 14:31

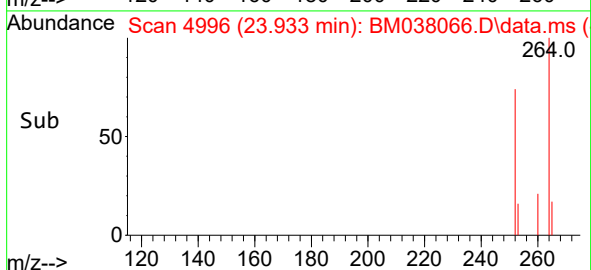
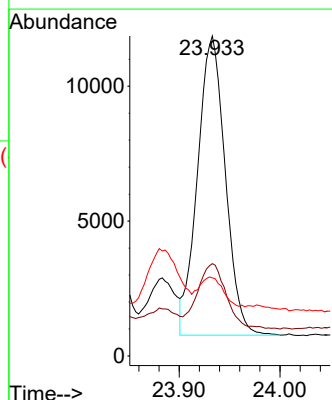
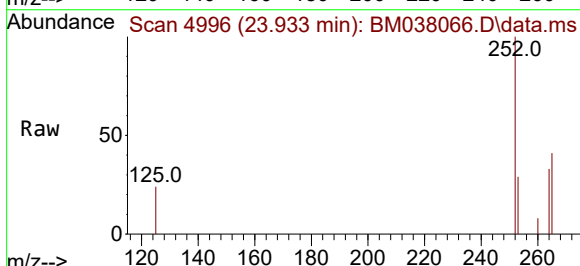
Tgt Ion:252 Resp: 21196

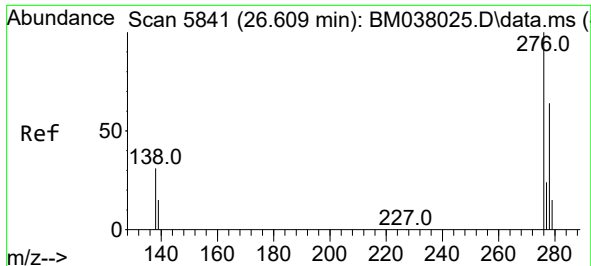
Ion Ratio Lower Upper

252 100

253 28.9 21.9 32.9

125 24.4 20.7 31.1

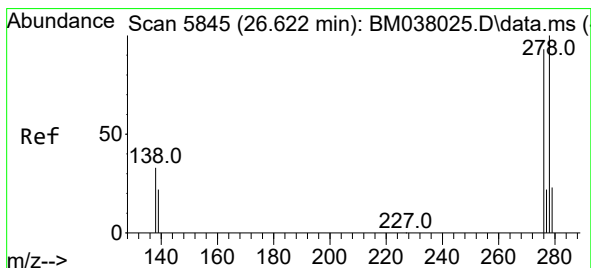
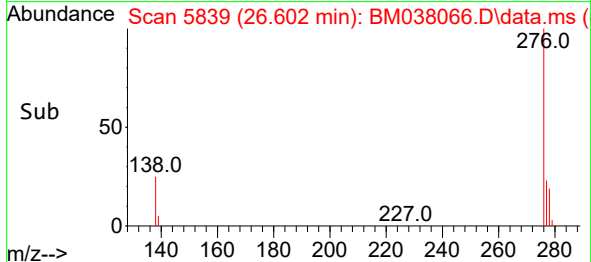
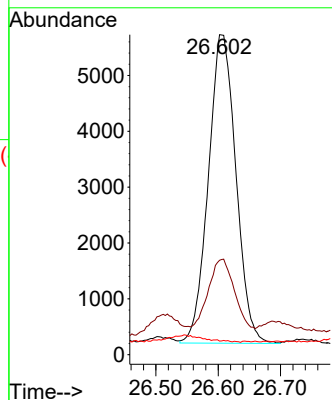
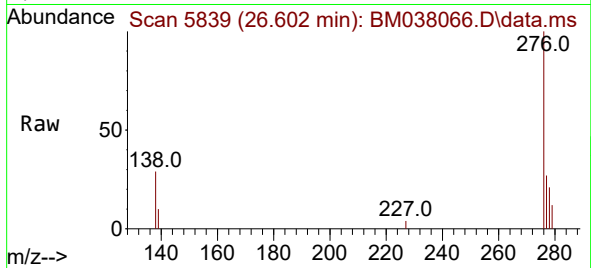




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.201 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. -0.006 min
Lab File: BM038066.D
Acq: 16 Dec 2022 14:31

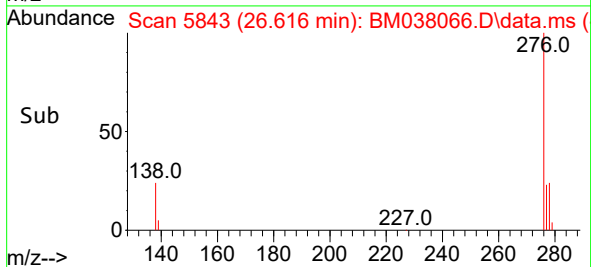
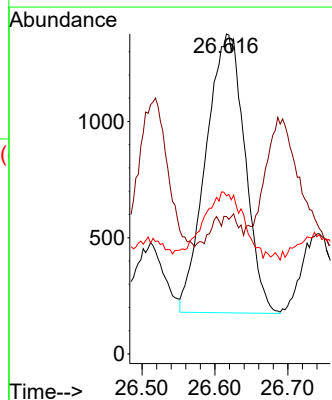
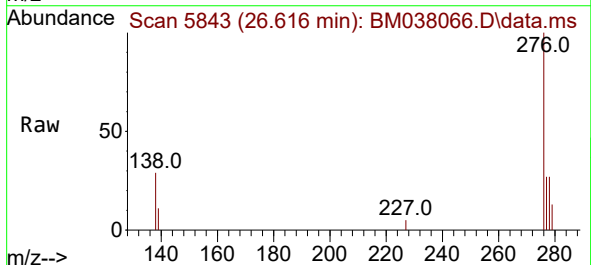
Instrument :
BNA_M
ClientSampleId :
DBXV4

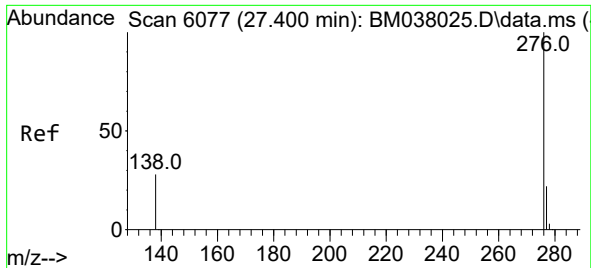
Tgt Ion:276 Resp: 16989
Ion Ratio Lower Upper
276 100
138 24.0 26.6 40.0#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 26.616 min Scan# 5843
Delta R.T. -0.007 min
Lab File: BM038066.D
Acq: 16 Dec 2022 14:31

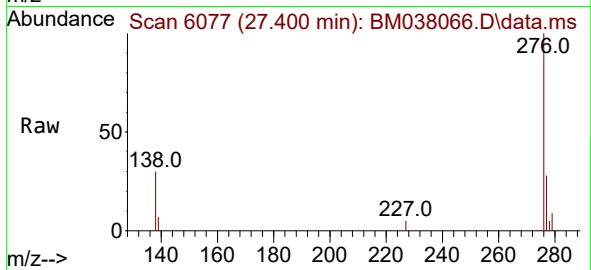
Tgt Ion:278 Resp: 4442
Ion Ratio Lower Upper
278 100
139 43.0 19.0 28.6#
279 49.4 22.4 33.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.234 ng/ul
 RT: 27.400 min Scan# 6077
 Delta R.T. 0.000 min
 Lab File: BM038066.D
 Acq: 16 Dec 2022 14:31

Instrument :
 BNA_M
 ClientSampleId :
 DBXV4



Tgt Ion:	276	Resp:	16771
Ion	Ratio	Lower	Upper
276	100		
138	30.0	24.1	36.1
277	27.5	19.0	28.6

