

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038069.D
 Acq On : 16 Dec 2022 16:23
 Operator : CG/JU
 Sample : N5925-12
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXW6

Quant Time: Dec 16 23:21:01 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)

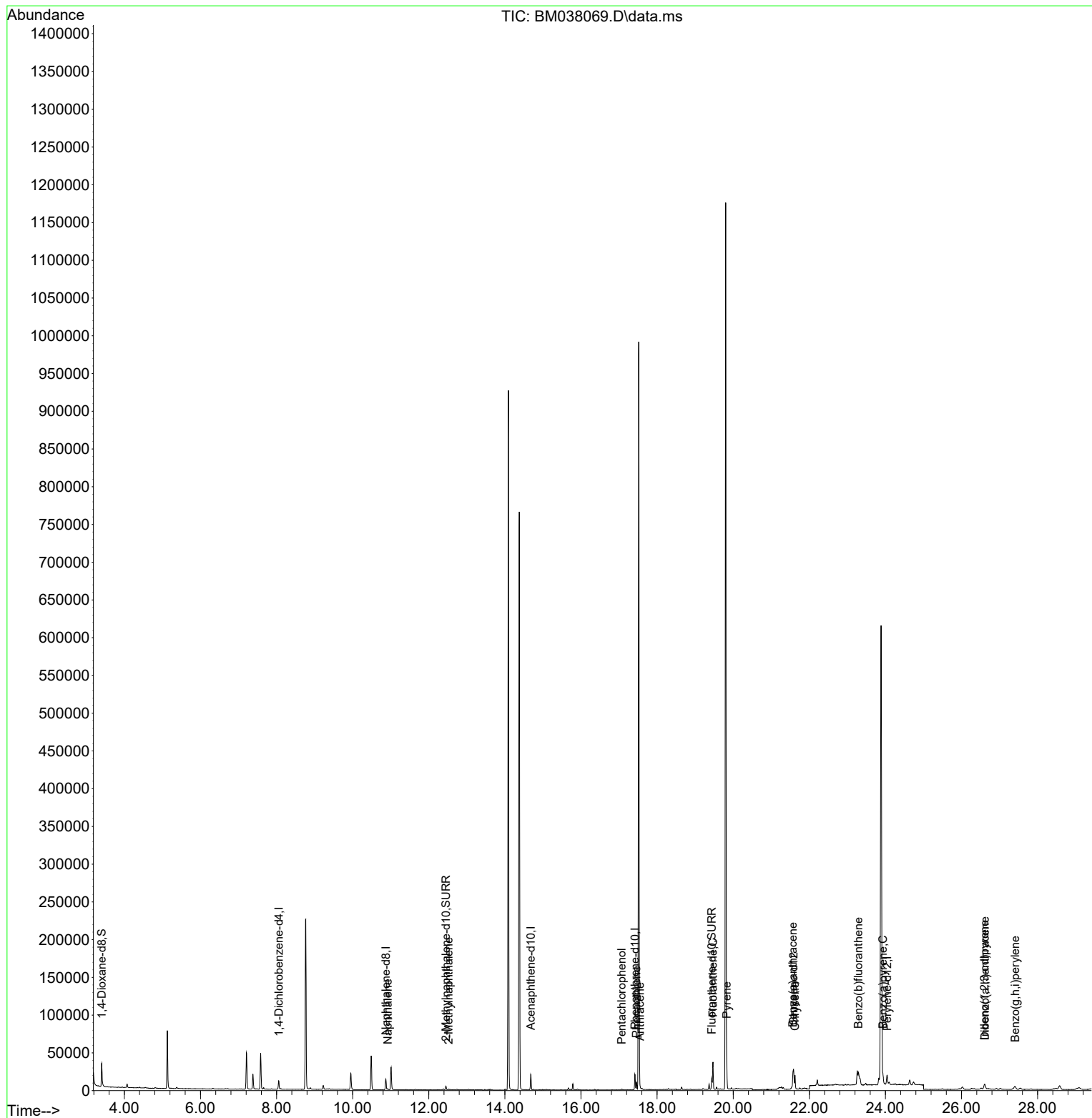
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5740	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	18537	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	10856	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	23323	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	18159	0.400	ng/ul	# 0.00
23) Perylene-d12	24.044	264	17673	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	21801	2.779	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	6333	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	13881	0.211	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	1511	0.027	ng/ul#	86
7) 2-Methylnaphthalene	12.522	142	751	0.022	ng/ul	97
14) Pentachlorophenol	17.071	266	852	0.088	ng/ul	99
15) Phenanthrene	17.460	178	9963	0.127	ng/ul	97
16) Anthracene	17.552	178	1861	0.026	ng/ul#	77
19) Fluoranthene	19.469	202	29470	0.314	ng/ul	99
20) Pyrene	19.831	202	26058	0.272	ng/ul	96
21) Benzo(a)anthracene	21.571	228	15256	0.194	ng/ul#	92
22) Chrysene	21.624	228	17929	0.227	ng/ul#	93
24) Benzo(b)fluoranthene	23.290	252	26864	0.321	ng/ul	89
26) Benzo(a)pyrene	23.933	252	15599	0.221	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.606	276	11892	0.134	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.619	278	3152	0.046	ng/ul#	49
29) Benzo(g,h,i)perylene	27.410	276	9166	0.122	ng/ul#	91

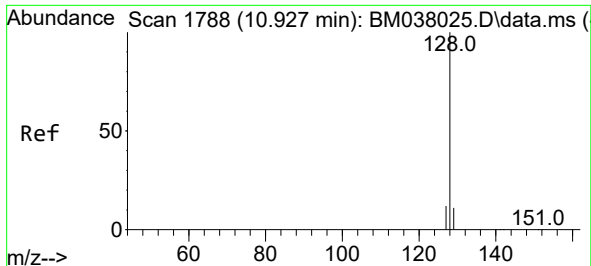
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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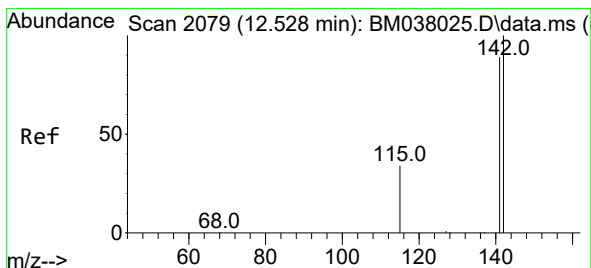
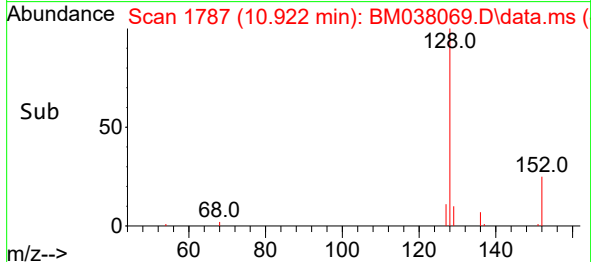
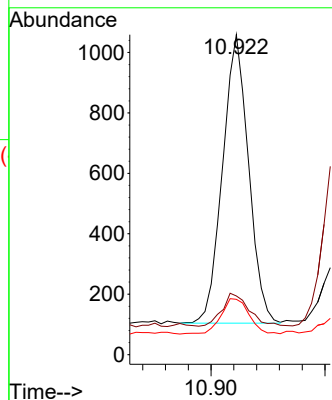
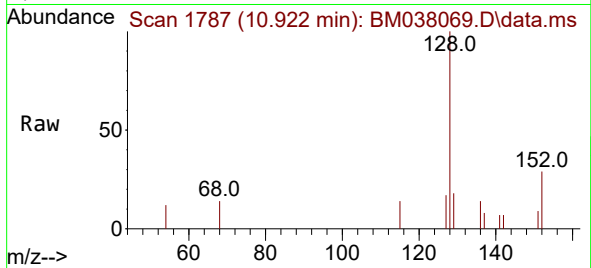




#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.922 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BM038069.D
Acq: 16 Dec 2022 16:23

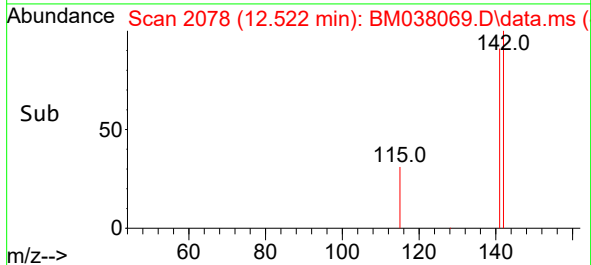
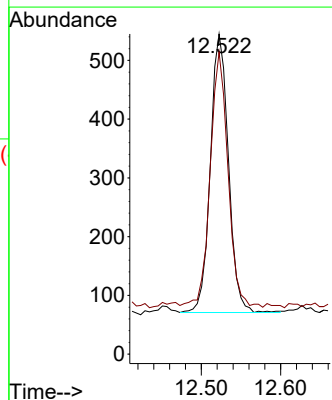
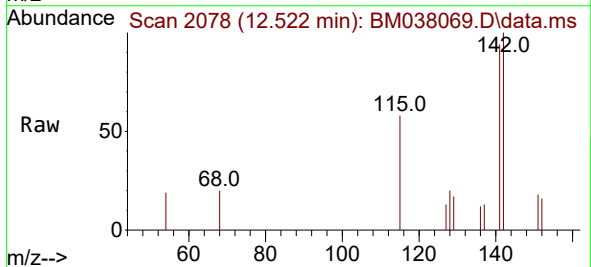
Instrument :
BNA_M
ClientSampleId :
DBXW6

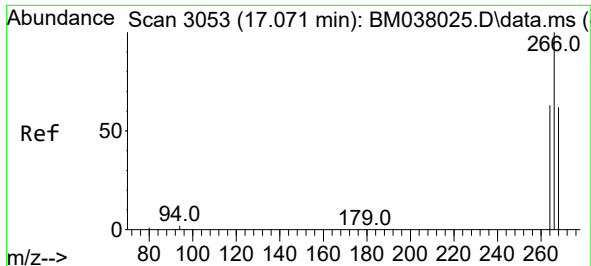
Tgt Ion:128 Resp: 1511
Ion Ratio Lower Upper
128 100
129 18.3 9.1 13.7#
127 17.3 10.4 15.6#



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038069.D
Acq: 16 Dec 2022 16:23

Tgt Ion:142 Resp: 751
Ion Ratio Lower Upper
142 100
141 90.7 70.4 105.6

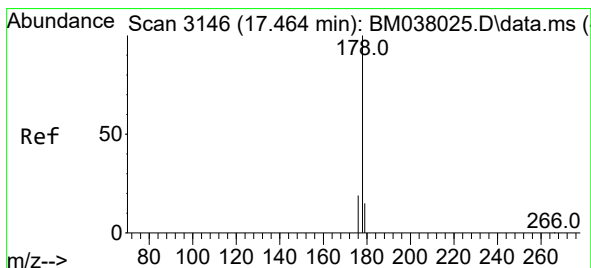
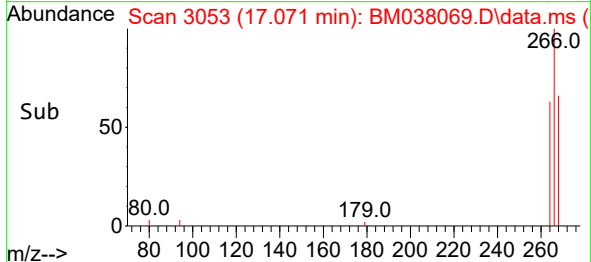
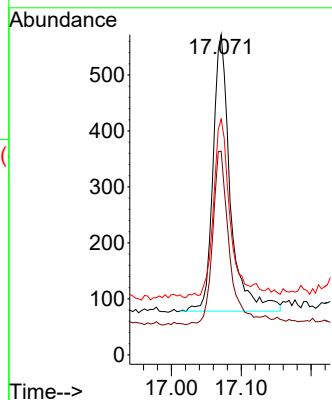
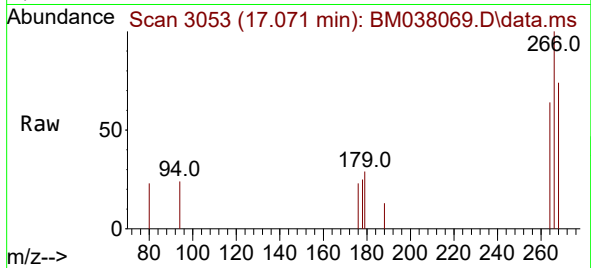




#14
 Pentachlorophenol
 Concen: 0.088 ng/ul
 RT: 17.071 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: BM038069.D
 Acq: 16 Dec 2022 16:23

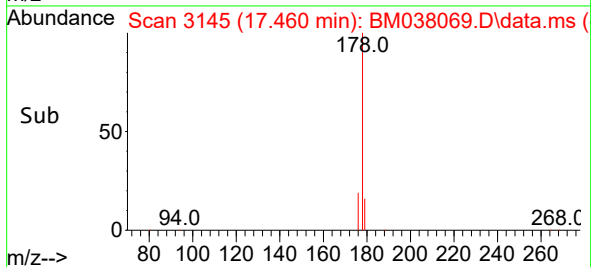
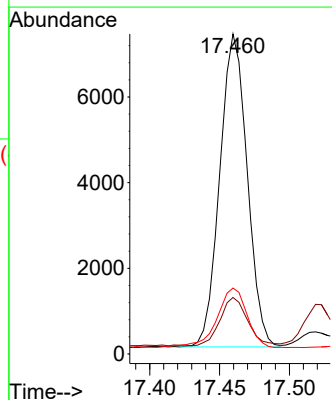
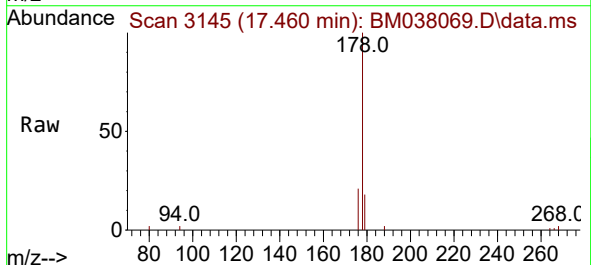
Instrument :
 BNA_M
 ClientSampleId :
 DBXW6

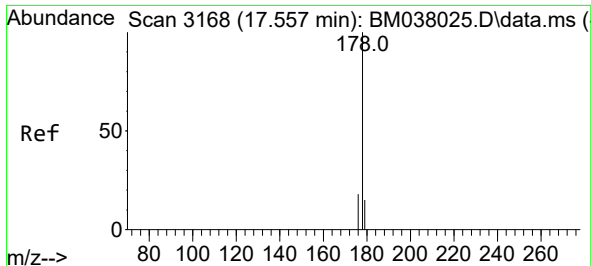
Tgt Ion:	266	Resp:	852
Ion Ratio	Lower	Upper	
266	100		
264	63.3	49.9	74.9
268	65.4	52.0	78.0



#15
 Phenanthrene
 Concen: 0.127 ng/ul
 RT: 17.460 min Scan# 3145
 Delta R.T. -0.004 min
 Lab File: BM038069.D
 Acq: 16 Dec 2022 16:23

Tgt Ion:	178	Resp:	9963
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.6	19.0
176	20.6	15.8	23.6

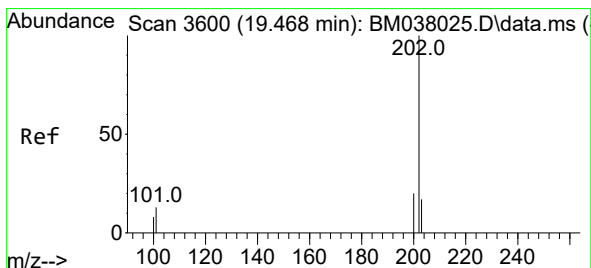
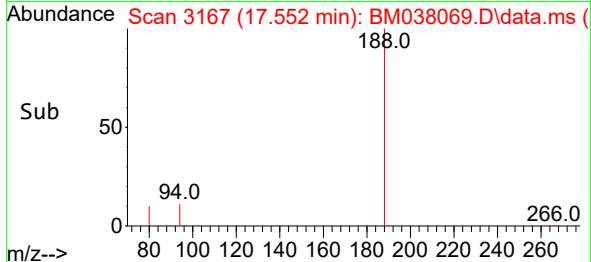
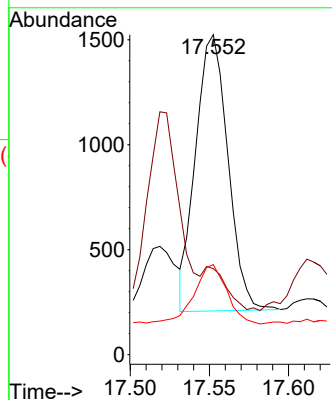
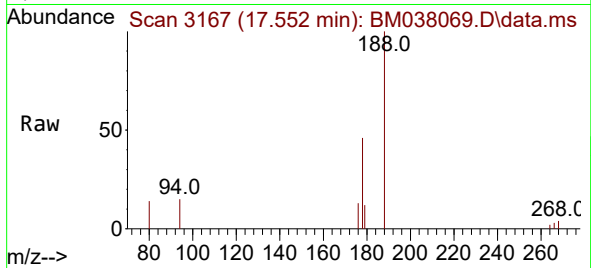




#16
 Anthracene
 Concen: 0.026 ng/ul
 RT: 17.552 min Scan# 3167
 Delta R.T. -0.004 min
 Lab File: BM038069.D
 Acq: 16 Dec 2022 16:23

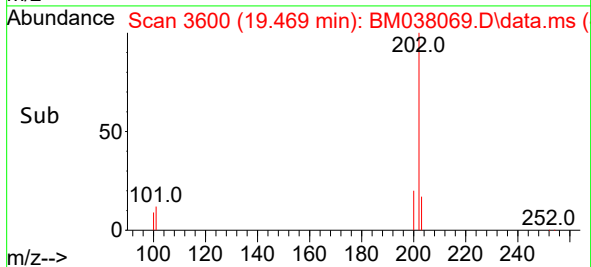
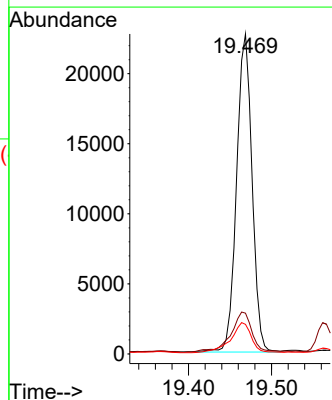
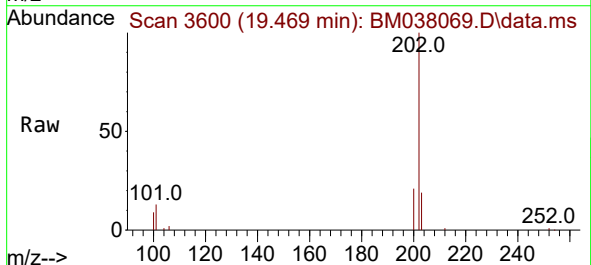
Instrument :
 BNA_M
 ClientSampleId :
 DBXW6

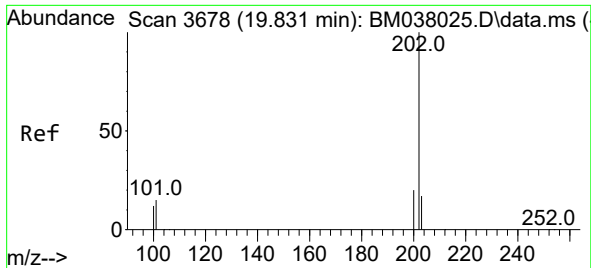
Tgt Ion:178 Resp: 1861
 Ion Ratio Lower Upper
 178 100
 179 26.9 13.0 19.4#
 176 28.1 15.0 22.4#



#19
 Fluoranthene
 Concen: 0.314 ng/ul
 RT: 19.469 min Scan# 3600
 Delta R.T. 0.000 min
 Lab File: BM038069.D
 Acq: 16 Dec 2022 16:23

Tgt Ion:202 Resp: 29470
 Ion Ratio Lower Upper
 202 100
 101 12.7 10.6 15.8
 100 9.2 7.9 11.9

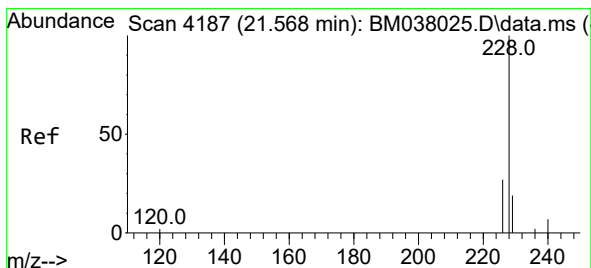
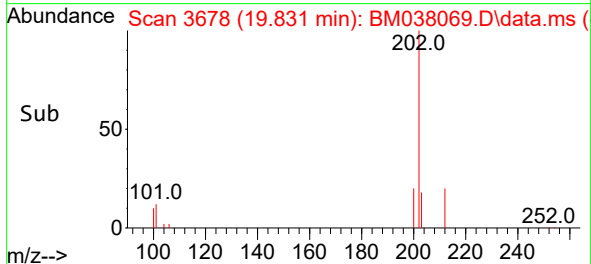
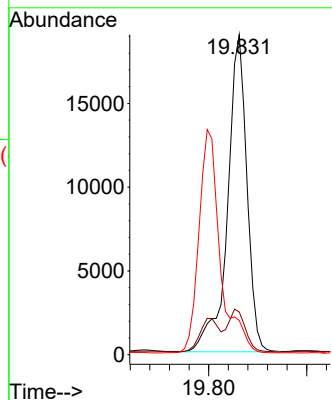
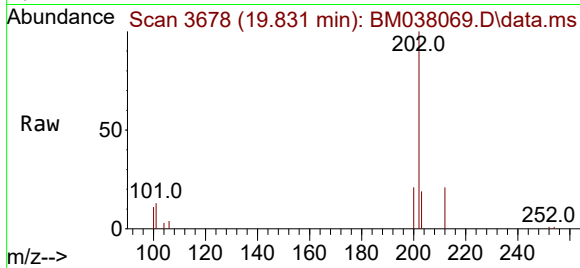




#20
Pyrene
Concen: 0.272 ng/ul
RT: 19.831 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM038069.D
Acq: 16 Dec 2022 16:23

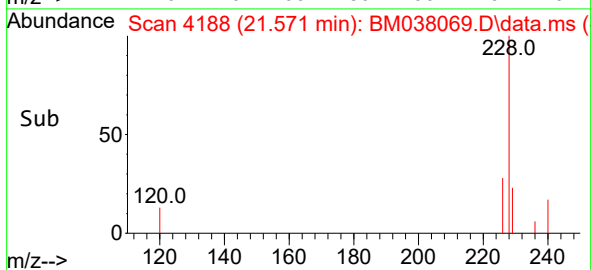
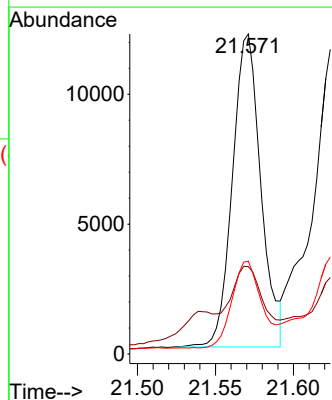
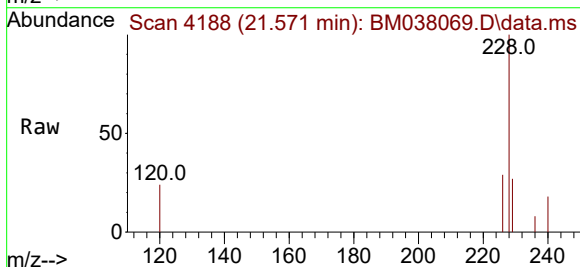
Instrument :
BNA_M
ClientSampleId :
DBXW6

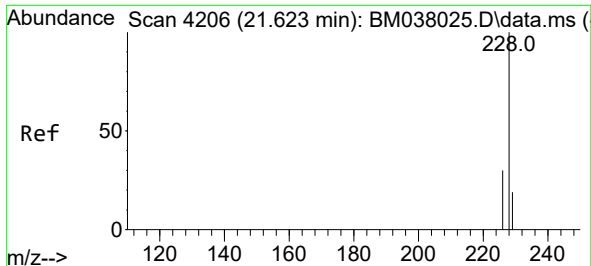
Tgt Ion:202 Resp: 26058
Ion Ratio Lower Upper
202 100
101 13.3 12.1 18.1
100 10.7 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.194 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BM038069.D
Acq: 16 Dec 2022 16:23

Tgt Ion:228 Resp: 15256
Ion Ratio Lower Upper
228 100
229 27.3 15.9 23.9#
226 29.0 22.1 33.1





#22

Chrysene

Concen: 0.227 ng/ul

RT: 21.624 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM038069.D

Acq: 16 Dec 2022 16:23

Instrument :

BNA_M

ClientSampleId :

DBXW6

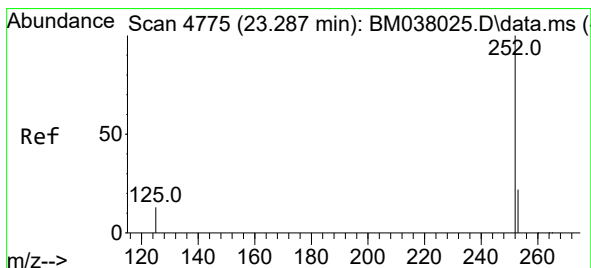
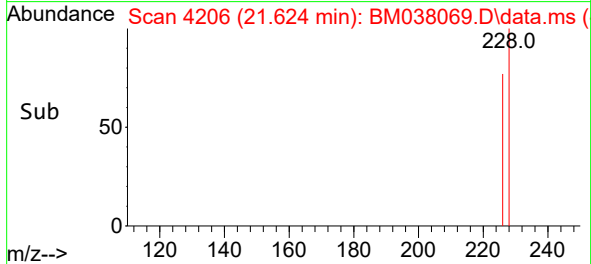
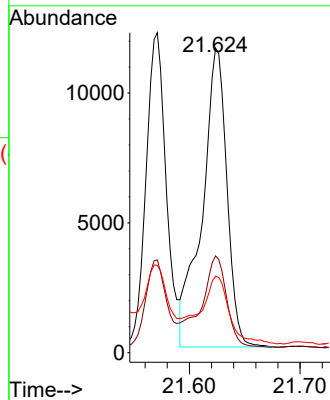
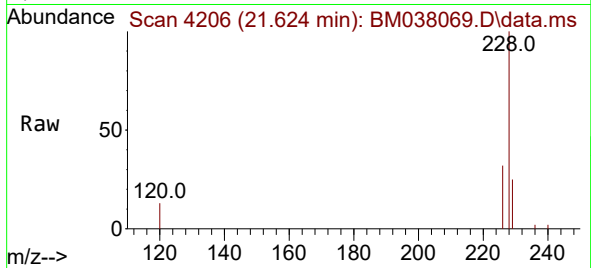
Tgt Ion:228 Resp: 17929

Ion Ratio Lower Upper

228 100

226 31.8 24.1 36.1

229 25.1 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.321 ng/ul

RT: 23.290 min Scan# 4776

Delta R.T. 0.003 min

Lab File: BM038069.D

Acq: 16 Dec 2022 16:23

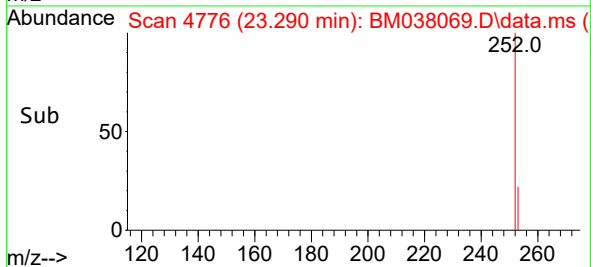
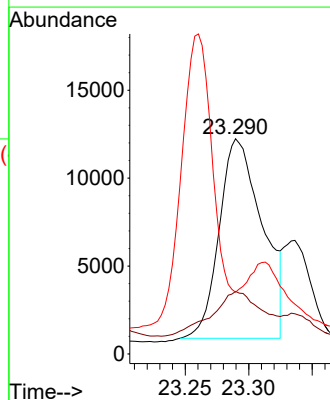
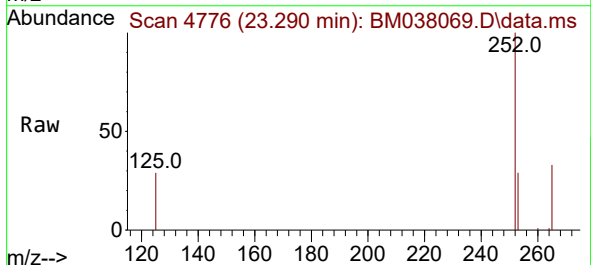
Tgt Ion:252 Resp: 26864

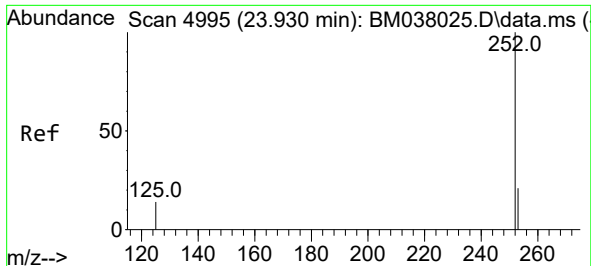
Ion Ratio Lower Upper

252 100

253 29.1 0.0 51.8

125 28.7 0.0 42.2

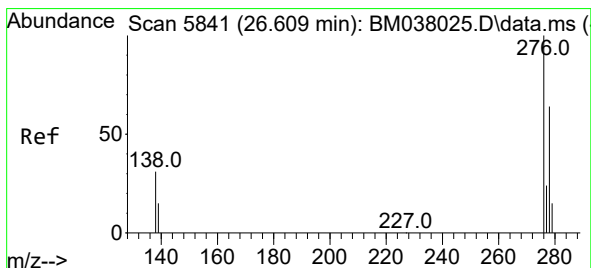
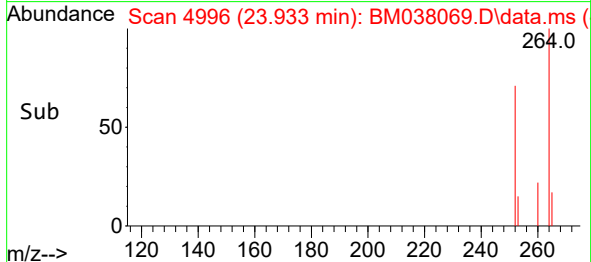
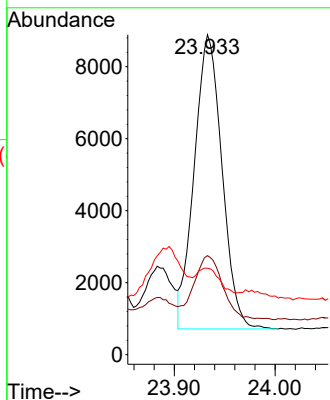
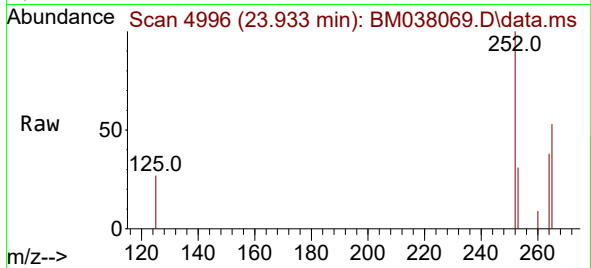




#26
Benzo(a)pyrene
Concen: 0.221 ng/ul
RT: 23.933 min Scan# 4996
Delta R.T. 0.003 min
Lab File: BM038069.D
Acq: 16 Dec 2022 16:23

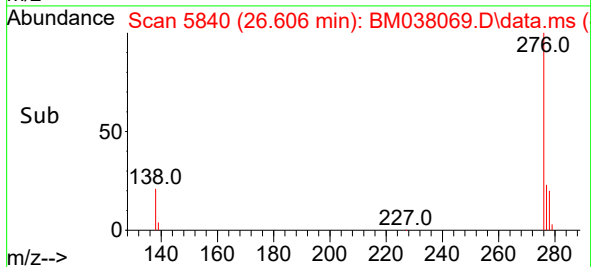
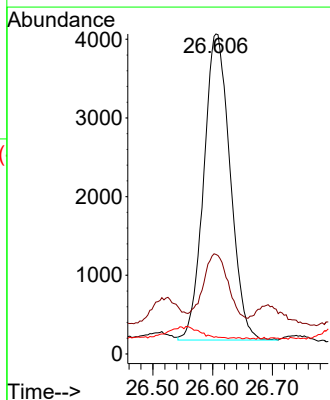
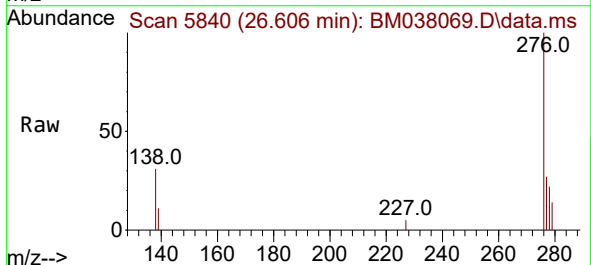
Instrument :
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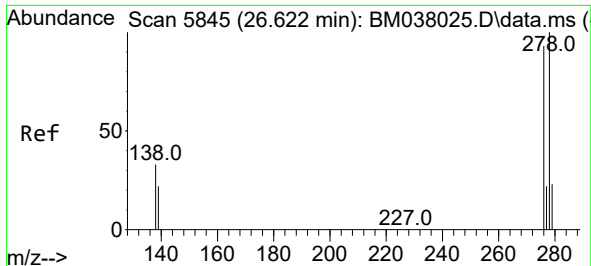
Tgt Ion:252 Resp: 15599
Ion Ratio Lower Upper
252 100
253 30.9 21.9 32.9
125 27.0 20.7 31.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.134 ng/ul
RT: 26.606 min Scan# 5840
Delta R.T. -0.003 min
Lab File: BM038069.D
Acq: 16 Dec 2022 16:23

Tgt Ion:276 Resp: 11892
Ion Ratio Lower Upper
276 100
138 23.1 26.6 40.0#
227 0.0 0.1 0.1#

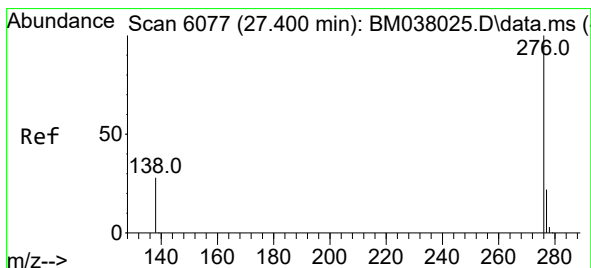
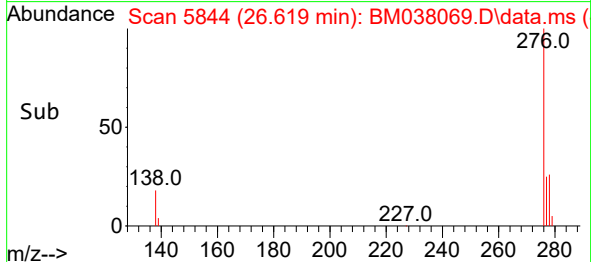
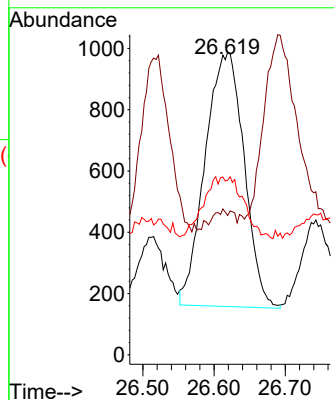
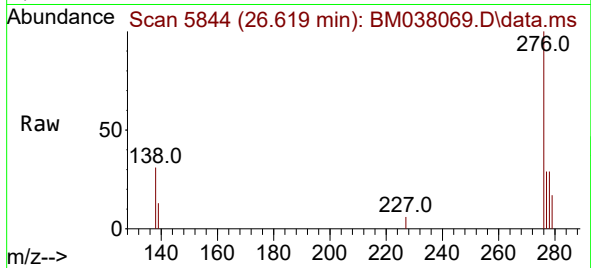




#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 26.619 min Scan# 5844
Delta R.T. -0.003 min
Lab File: BM038069.D
Acq: 16 Dec 2022 16:23

Instrument :
BNA_M
ClientSampleId :
DBXW6

Tgt Ion:278 Resp: 3152
Ion Ratio Lower Upper
278 100
139 46.1 19.0 28.6#
279 57.7 22.4 33.6#



#29
Benzo(g,h,i)perylene
Concen: 0.122 ng/ul
RT: 27.410 min Scan# 6080
Delta R.T. 0.010 min
Lab File: BM038069.D
Acq: 16 Dec 2022 16:23

Tgt Ion:276 Resp: 9166
Ion Ratio Lower Upper
276 100
138 35.0 24.1 36.1
277 28.6 19.0 28.6#

