

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038067.D
 Acq On : 16 Dec 2022 15:08
 Operator : CG/JU
 Sample : N5925-10
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXV5

Quant Time: Dec 16 23:20:42 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)

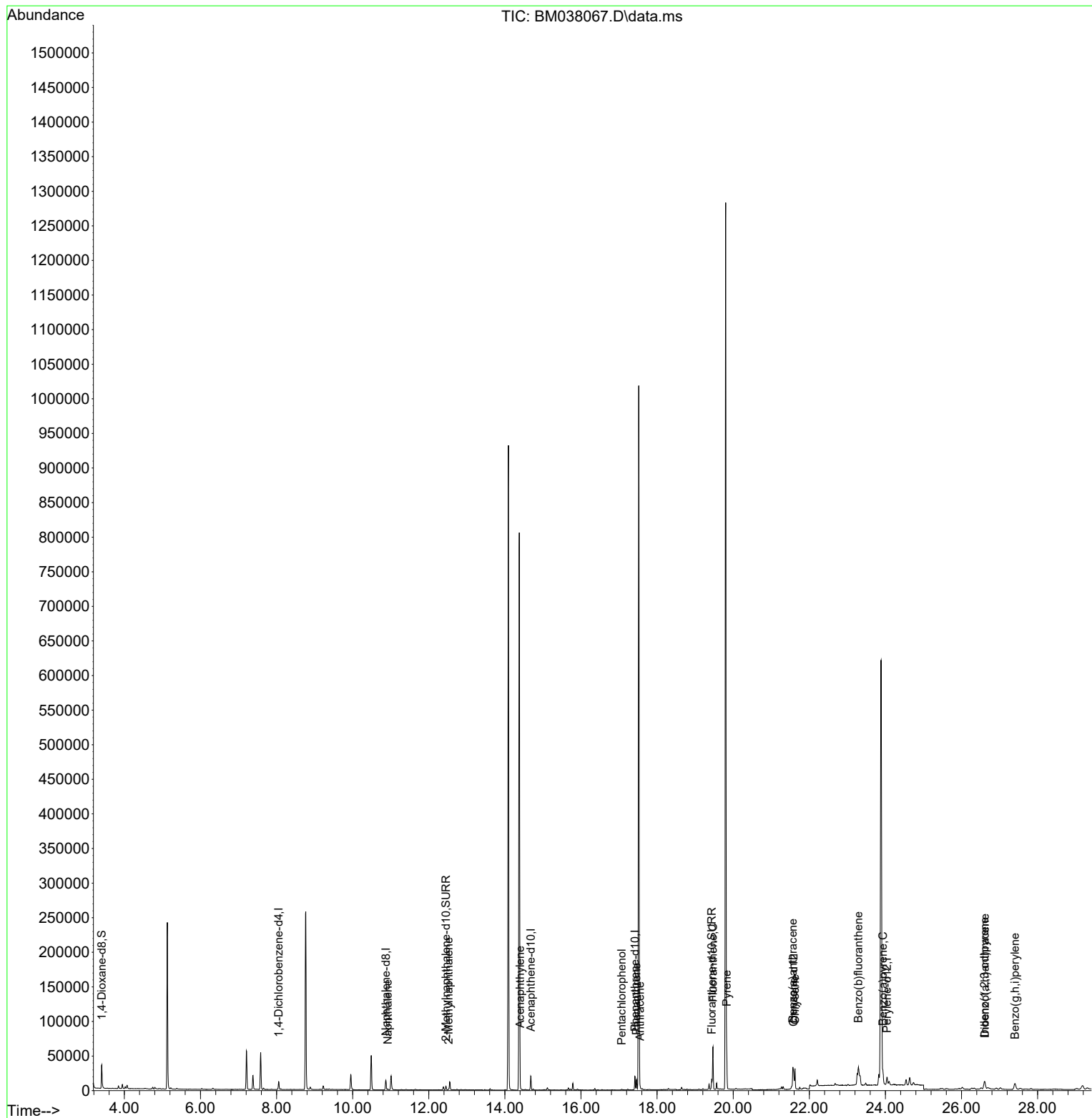
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	5760	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	18492	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	10572	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	22283	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	16911	0.400	ng/ul	# 0.00
23) Perylene-d12	24.041	264	15850	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	23209	2.948	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	6415	0.238	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	14445	0.236	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	1671	0.030	ng/ul#	85
7) 2-Methylnaphthalene	12.522	142	844	0.025	ng/ul	96
10) Acenaphthylene	14.402	152	1195	0.022	ng/ul#	69
14) Pentachlorophenol	17.071	266	697	0.076	ng/ul	96
15) Phenanthrene	17.459	178	15296	0.204	ng/ul	99
16) Anthracene	17.552	178	2669	0.038	ng/ul#	83
19) Fluoranthene	19.468	202	50447	0.578	ng/ul	97
20) Pyrene	19.831	202	44563	0.500	ng/ul	95
21) Benzo(a)anthracene	21.568	228	23162	0.317	ng/ul#	95
22) Chrysene	21.623	228	30125	0.409	ng/ul#	95
24) Benzo(b)fluoranthene	23.289	252	42963	0.572	ng/ul	96
26) Benzo(a)pyrene	23.933	252	24909	0.393	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.605	276	20203	0.254	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.615	278	4864	0.079	ng/ul#	61
29) Benzo(g,h,i)perylene	27.404	276	19603	0.290	ng/ul	97

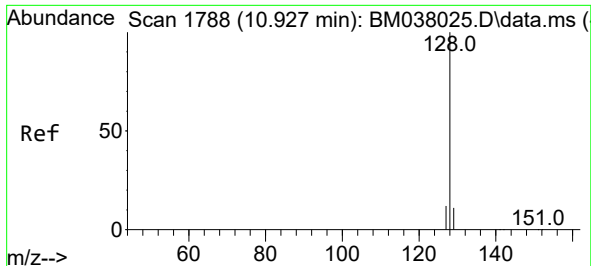
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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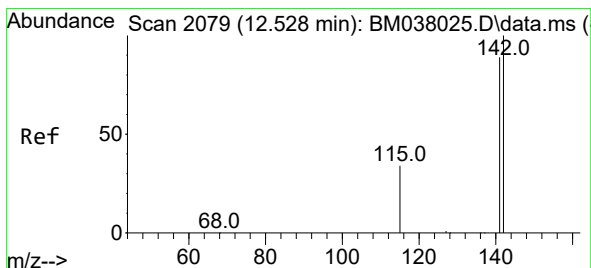
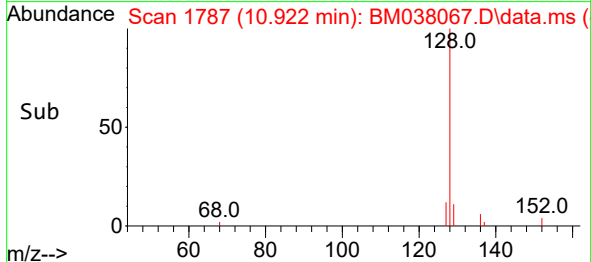
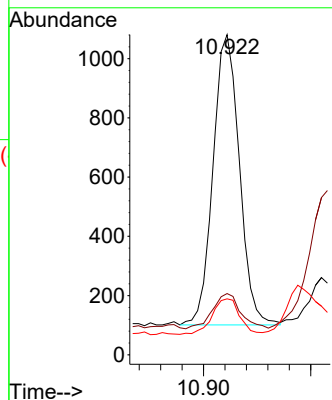
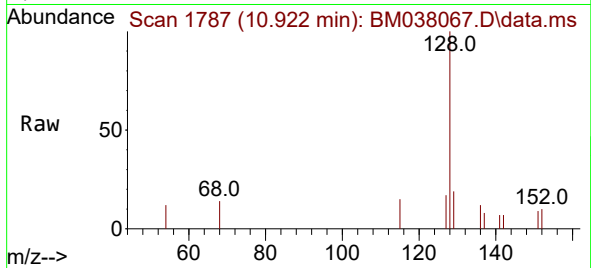




#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

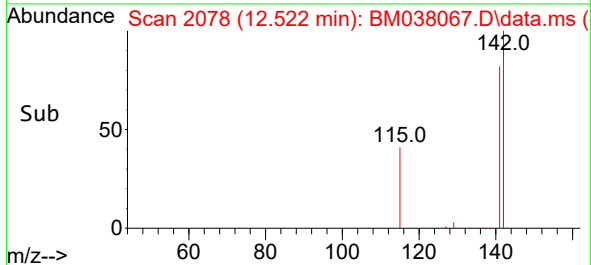
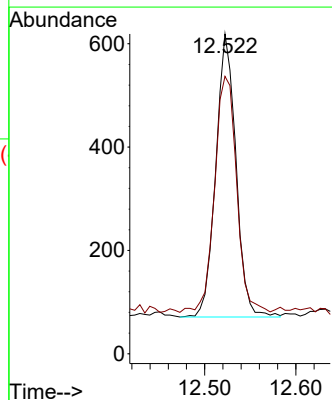
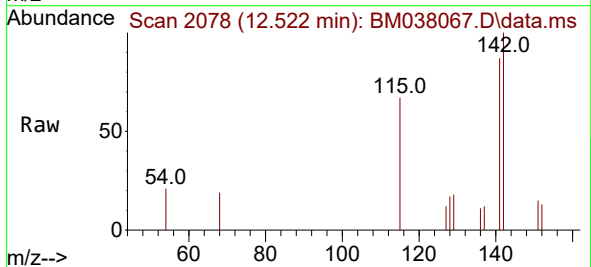
Instrument :
BNA_M
ClientSampleId :
DBXV5

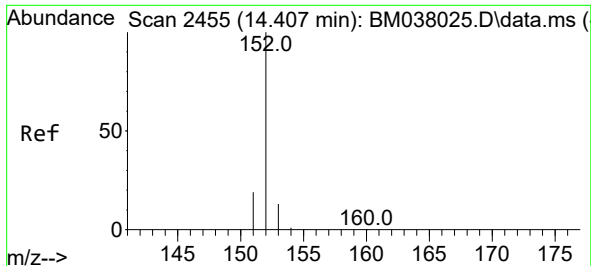
Tgt Ion:128 Resp: 1671
Ion Ratio Lower Upper
128 100
129 19.1 9.1 13.7#
127 17.5 10.4 15.6#



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

Tgt Ion:142 Resp: 844
Ion Ratio Lower Upper
142 100
141 91.6 70.4 105.6

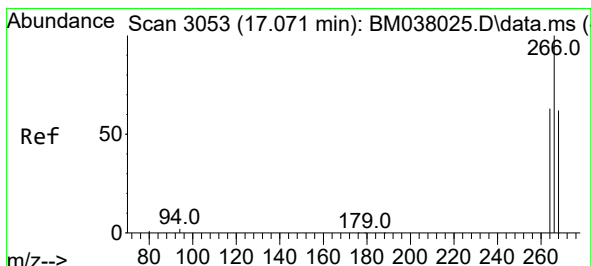
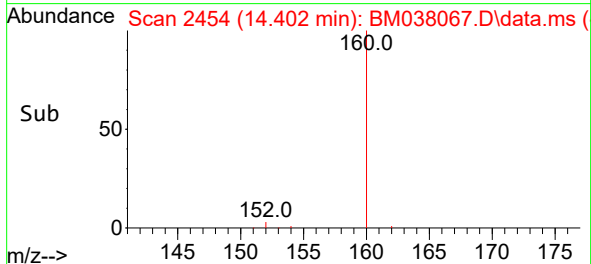
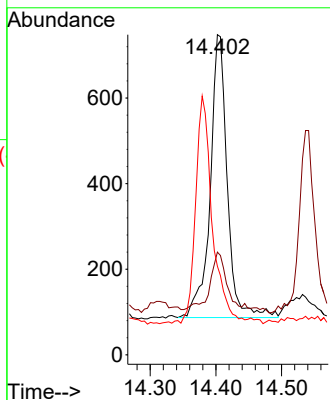
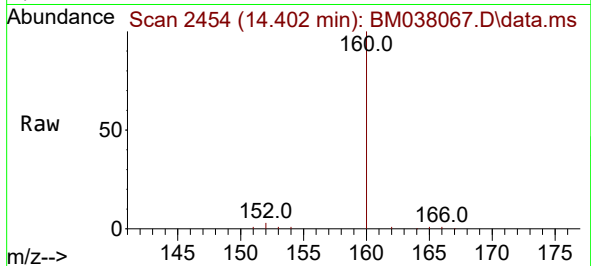




#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.402 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

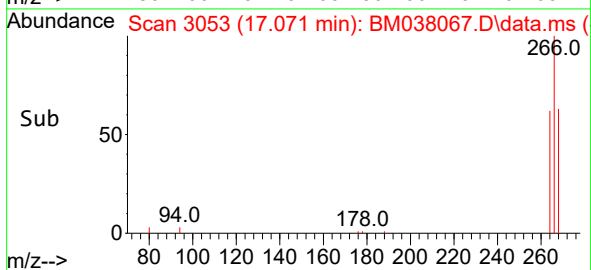
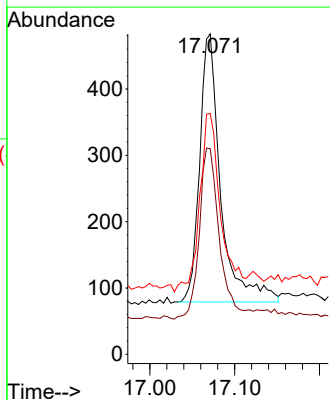
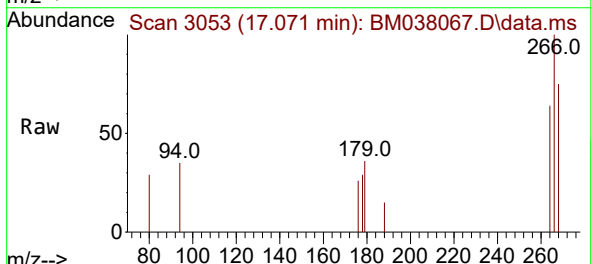
Instrument :
BNA_M
ClientSampleId :
DBXV5

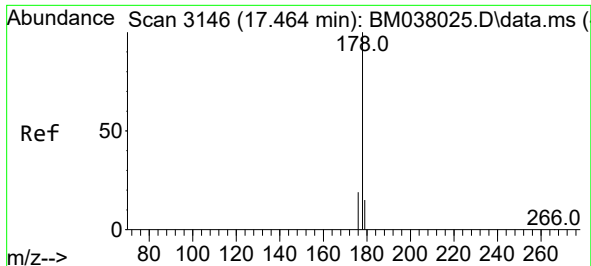
Tgt Ion:152 Resp: 1195
Ion Ratio Lower Upper
152 100
151 32.1 15.5 23.3#
153 27.7 11.0 16.4#



#14
Pentachlorophenol
Concen: 0.076 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

Tgt Ion:266 Resp: 697
Ion Ratio Lower Upper
266 100
264 67.3 49.9 74.9
268 66.3 52.0 78.0

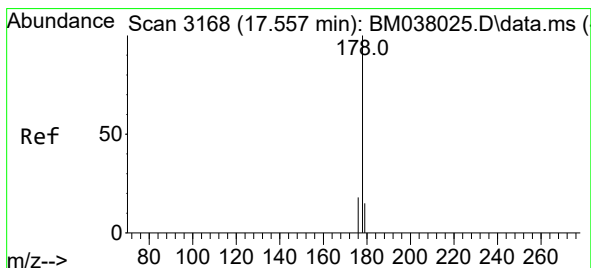
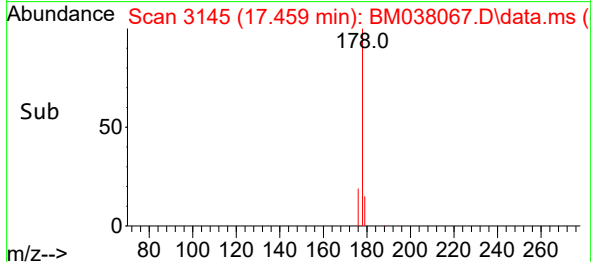
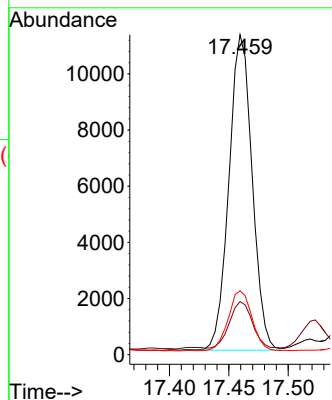
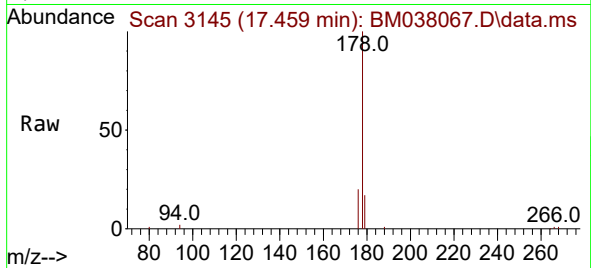




#15
Phenanthrene
Concen: 0.204 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

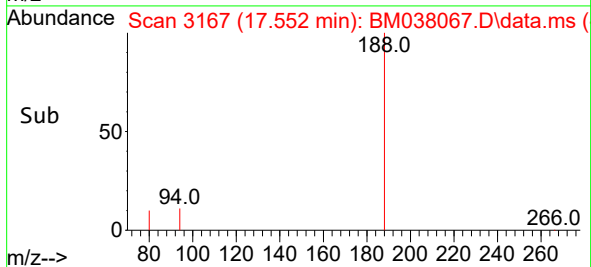
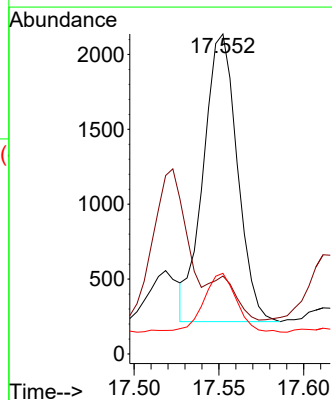
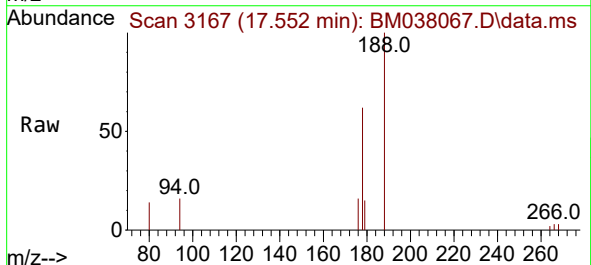
Instrument :
BNA_M
ClientSampleId :
DBXV5

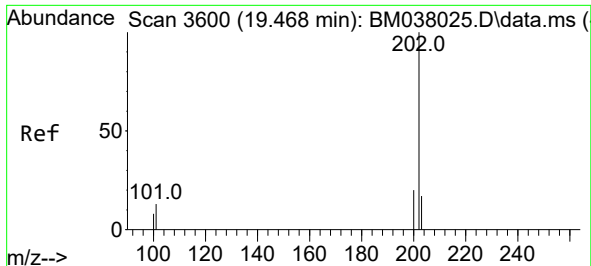
Tgt Ion:178 Resp: 15296
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.038 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

Tgt Ion:178 Resp: 2669
Ion Ratio Lower Upper
178 100
179 24.3 13.0 19.4#
176 25.2 15.0 22.4#

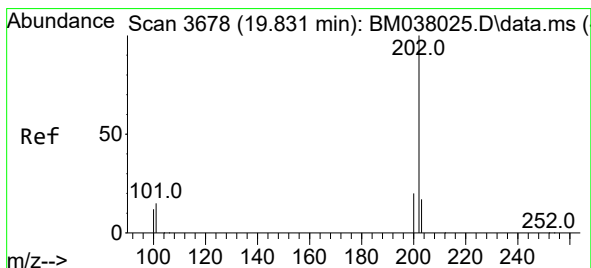
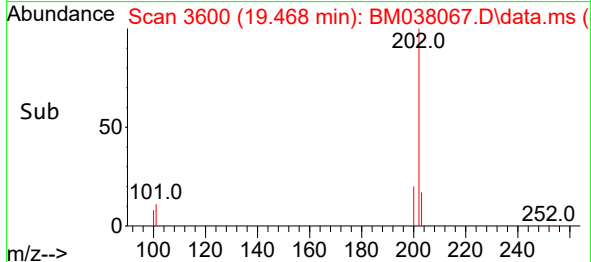
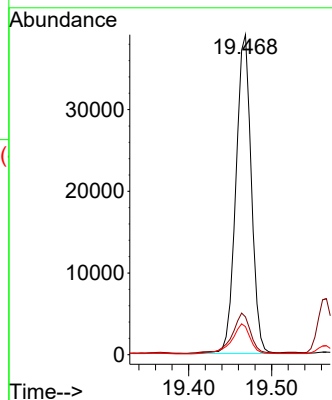
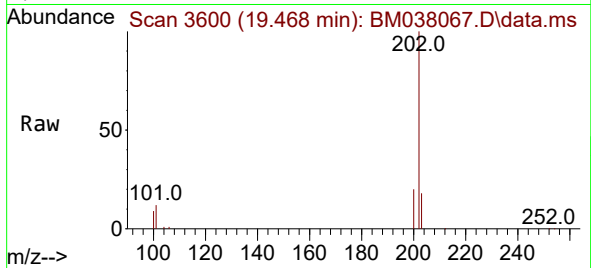




#19
Fluoranthene
Concen: 0.578 ng/ul
RT: 19.468 min Scan# 3600
Delta R.T. 0.000 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

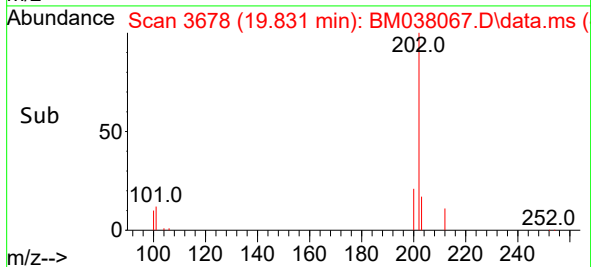
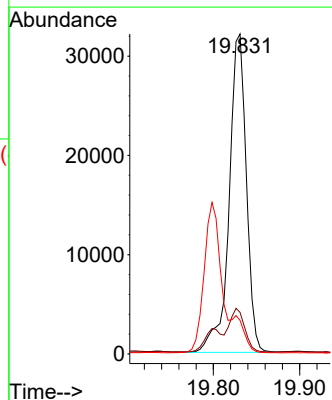
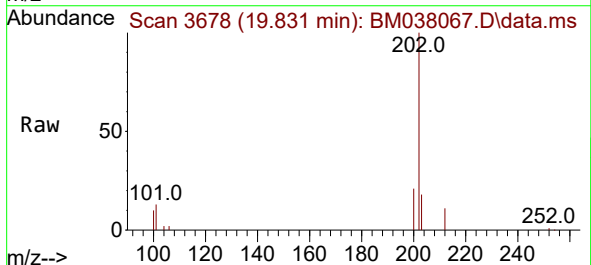
Instrument :
BNA_M
ClientSampleId :
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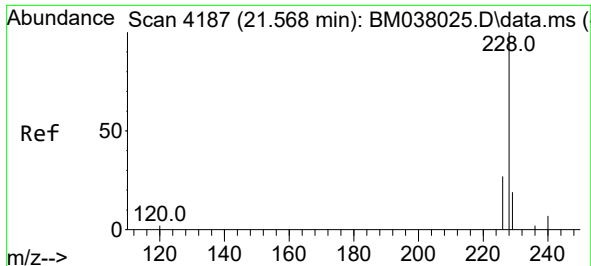
Tgt Ion:202 Resp: 50447
Ion Ratio Lower Upper
202 100
101 11.8 10.6 15.8
100 8.8 7.9 11.9



#20
Pyrene
Concen: 0.500 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

Tgt Ion:202 Resp: 44563
Ion Ratio Lower Upper
202 100
101 13.0 12.1 18.1
100 10.5 9.8 14.6

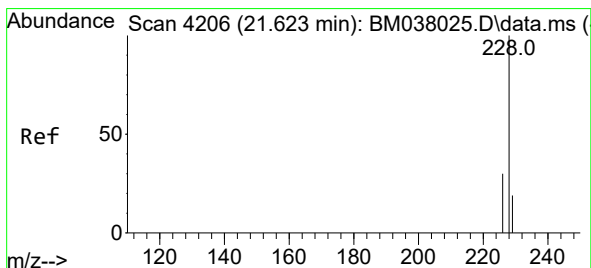
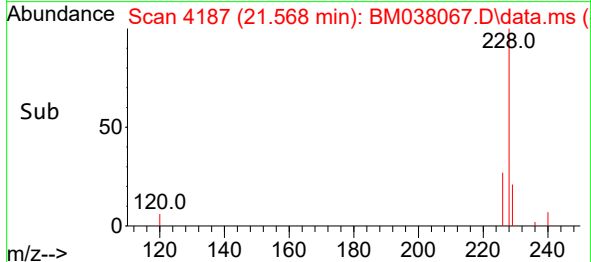
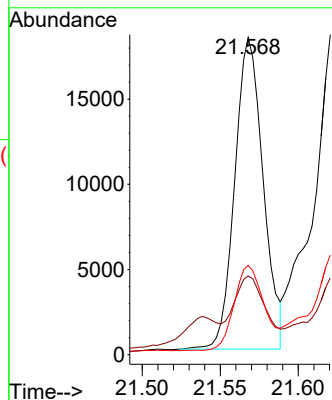
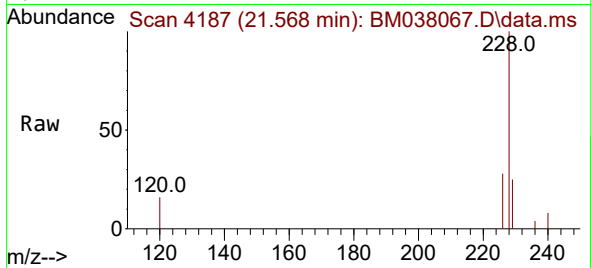




#21
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

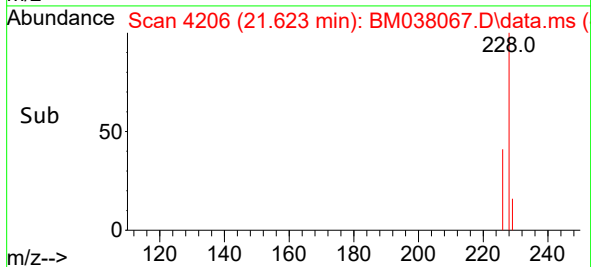
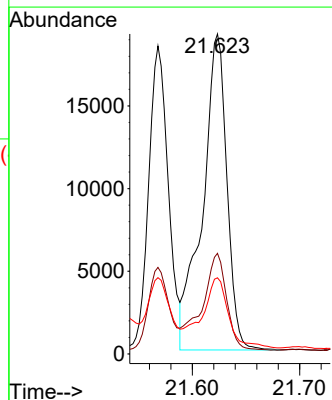
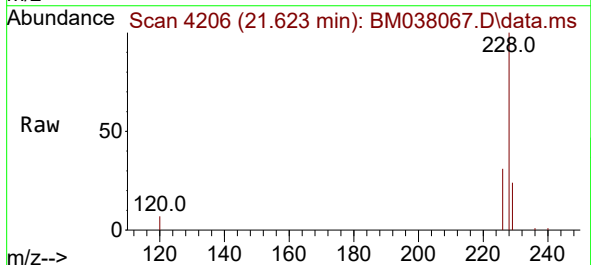
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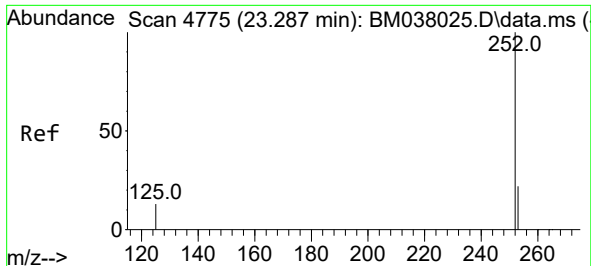
Tgt Ion:228 Resp: 23162
Ion Ratio Lower Upper
228 100
229 24.8 15.9 23.9#
226 28.1 22.1 33.1



#22
Chrysene
Concen: 0.409 ng/ul
RT: 21.623 min Scan# 4206
Delta R.T. 0.000 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

Tgt Ion:228 Resp: 30125
Ion Ratio Lower Upper
228 100
226 31.4 24.1 36.1
229 23.8 15.7 23.5#

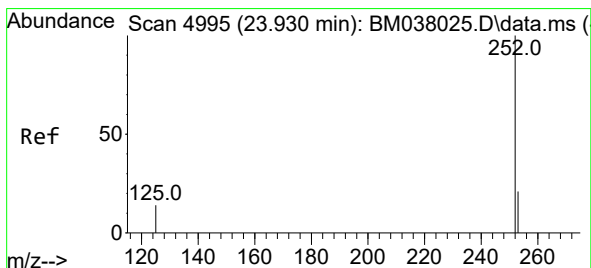
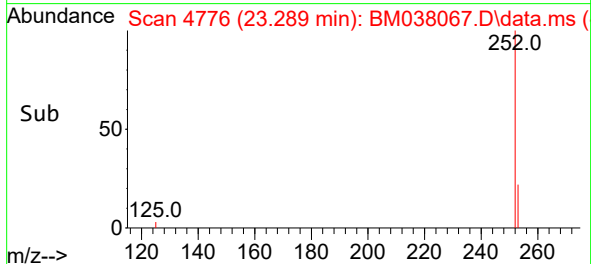
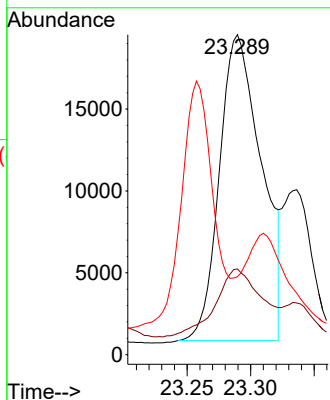
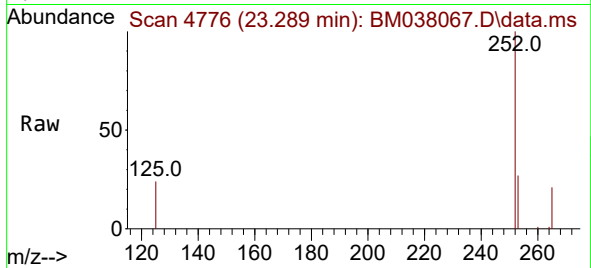




#24
Benzo(b)fluoranthene
Concen: 0.572 ng/ul
RT: 23.289 min Scan# 4775
Delta R.T. 0.003 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

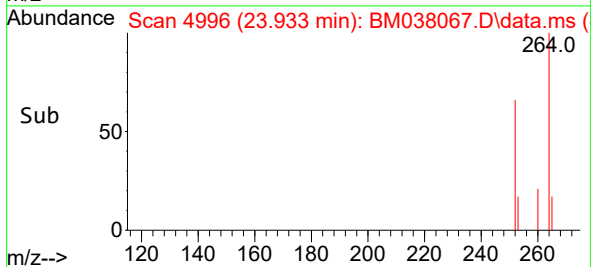
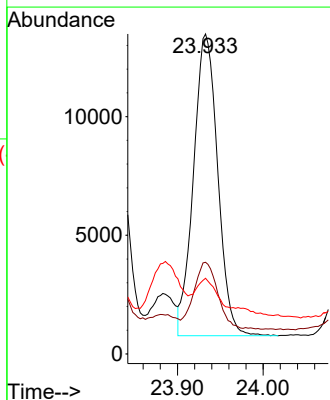
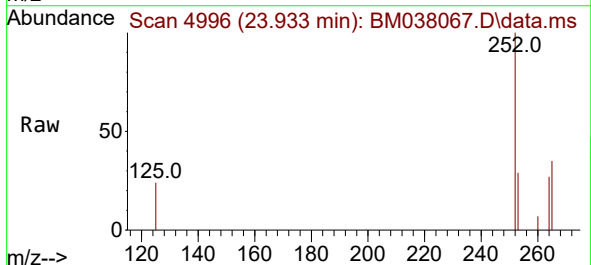
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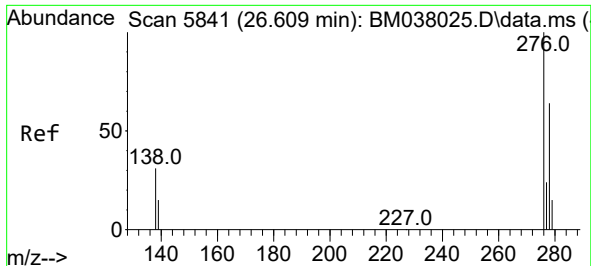
Tgt Ion:252 Resp: 42963
Ion Ratio Lower Upper
252 100
253 26.8 0.0 51.8
125 24.3 0.0 42.2



#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.933 min Scan# 4996
Delta R.T. 0.003 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

Tgt Ion:252 Resp: 24909
Ion Ratio Lower Upper
252 100
253 28.6 21.9 32.9
125 23.7 20.7 31.1

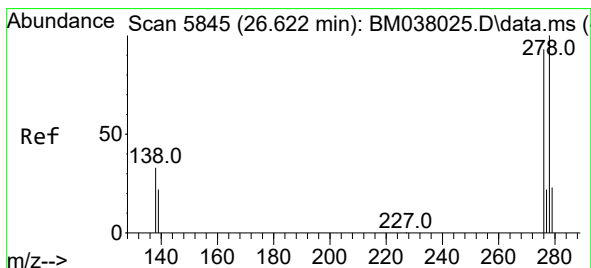
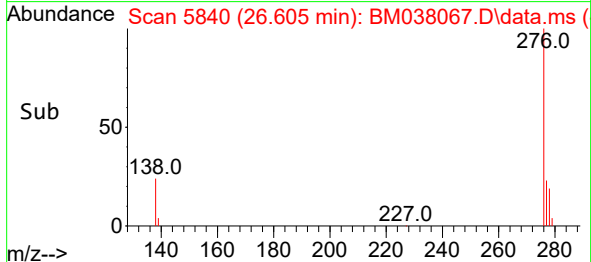
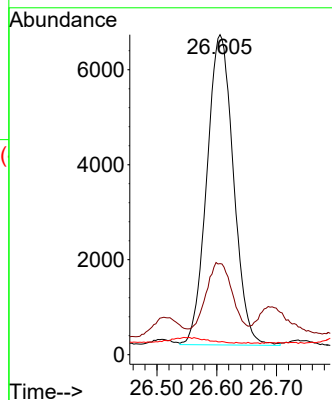
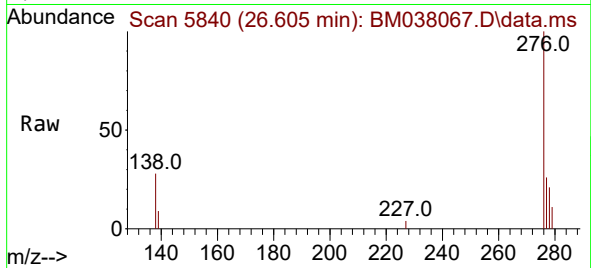




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.254 ng/ul
RT: 26.605 min Scan# 5841
Delta R.T. -0.003 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

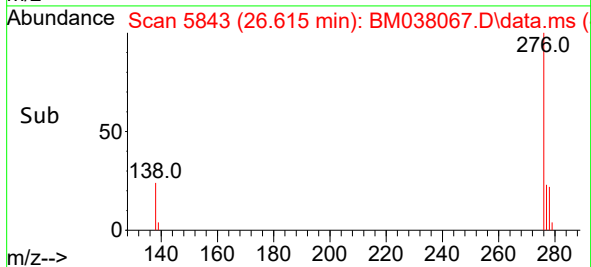
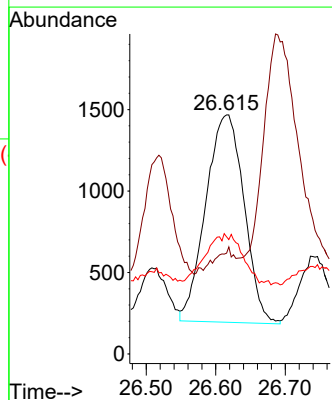
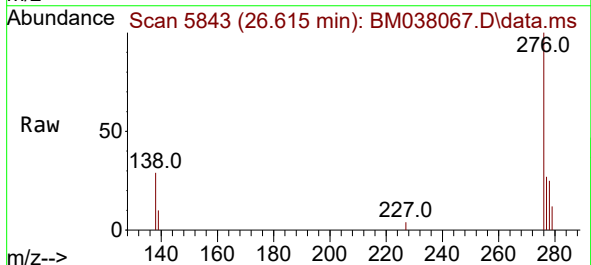
Instrument :
BNA_M
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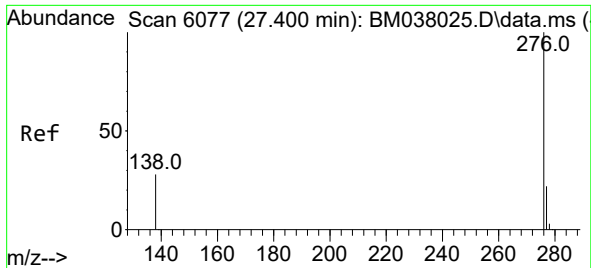
Tgt Ion:276 Resp: 20203
Ion Ratio Lower Upper
276 100
138 23.9 26.6 40.0#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul
RT: 26.615 min Scan# 5843
Delta R.T. -0.007 min
Lab File: BM038067.D
Acq: 16 Dec 2022 15:08

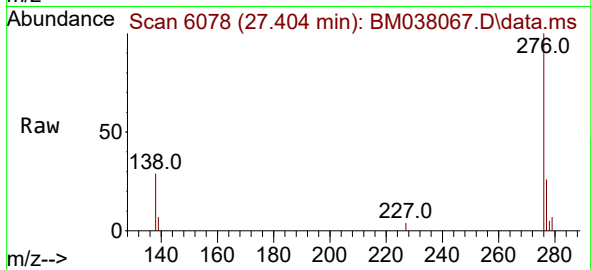
Tgt Ion:278 Resp: 4864
Ion Ratio Lower Upper
278 100
139 42.2 19.0 28.6#
279 49.0 22.4 33.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.290 ng/ul
 RT: 27.404 min Scan# 6078
 Delta R.T. 0.003 min
 Lab File: BM038067.D
 Acq: 16 Dec 2022 15:08

Instrument :
 BNA_M
 ClientSampleId :
 DBXV5



Tgt Ion:	276	Resp:	19603
Ion Ratio	Lower	Upper	
276	100		
138	29.4	24.1	36.1
277	26.1	19.0	28.6

