

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038056.D
 Acq On : 16 Dec 2022 06:38
 Operator : CG/JU
 Sample : N5984-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COLFO

Quant Time: Dec 16 07:11:30 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

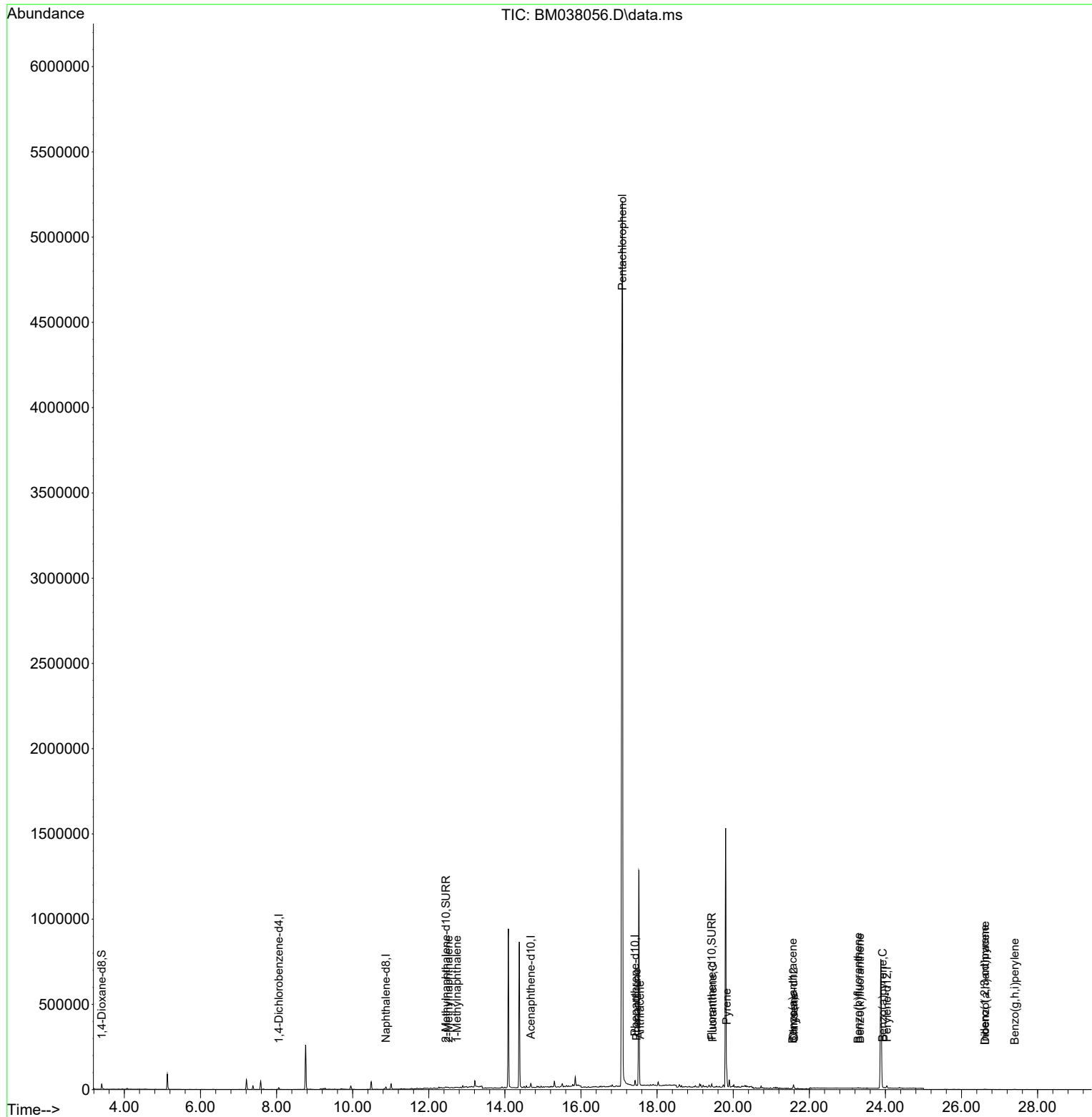
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5524	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	17327	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.685	164	13126	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	28500	0.400	ng/ul #	0.00
17) Chrysene-d12	21.585	240	19150	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	17563	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	21259	2.816	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	6987	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	18373	0.265	ng/ul	0.00
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.522	142	1757	0.054	ng/ul#	77
8) 1-Methylnaphthalene	12.742	142	878	0.027	ng/ul	98
14) Pentachlorophenol	17.088	266	4613932	391.003	ng/ul	99
15) Phenanthrene	17.464	178	2677	0.028	ng/ul#	1
16) Anthracene	17.552	178	7233	0.082	ng/ul#	21
19) Fluoranthene	19.464	202	4873	0.049	ng/ul#	42
20) Pyrene	19.831	202	79806	0.790	ng/ul#	95
21) Benzo(a)anthracene	21.565	228	2381	0.029	ng/ul#	1
22) Chrysene	21.600	228	7717	0.092	ng/ul#	72
24) Benzo(b)fluoranthene	23.281	252	3060	0.037	ng/ul#	20
25) Benzo(k)fluoranthene	23.333	252	2348	0.029	ng/ul#	1
26) Benzo(a)pyrene	23.927	252	1476	0.021	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.609	276	2157	0.024	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.626	278	1636	0.024	ng/ul#	19
29) Benzo(g,h,i)perylene	27.400	276	1718	0.023	ng/ul#	62

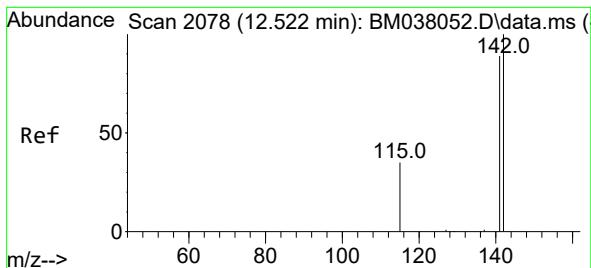
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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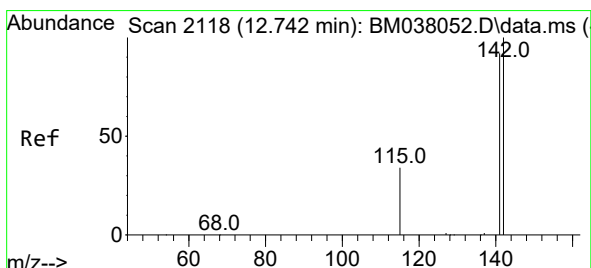
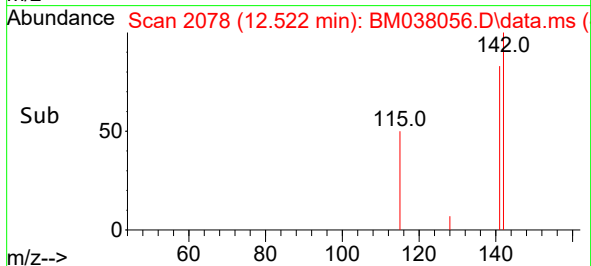
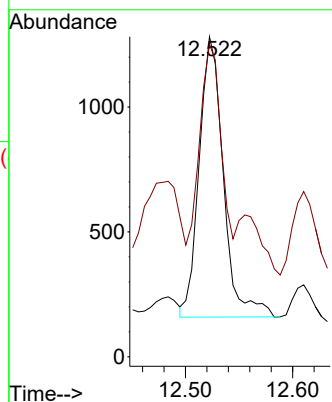
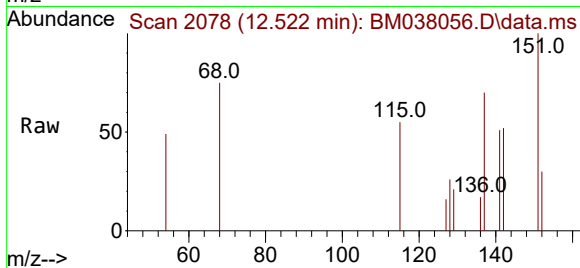




#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038056.D
Acq: 16 Dec 2022 06:38

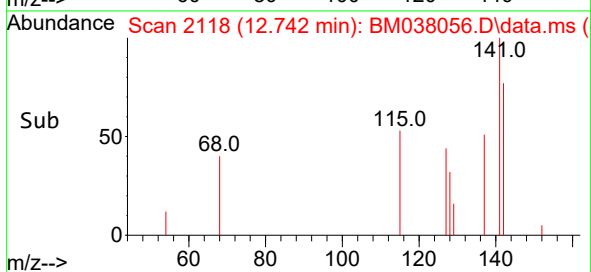
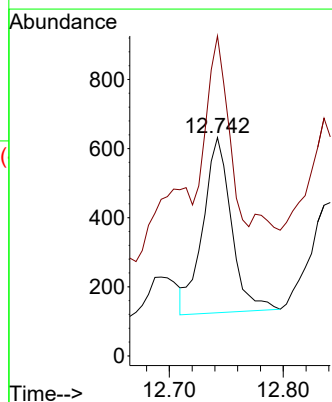
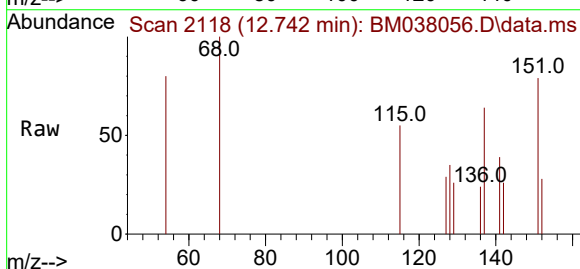
Instrument :
BNA_M
ClientSampleId :
COLFO

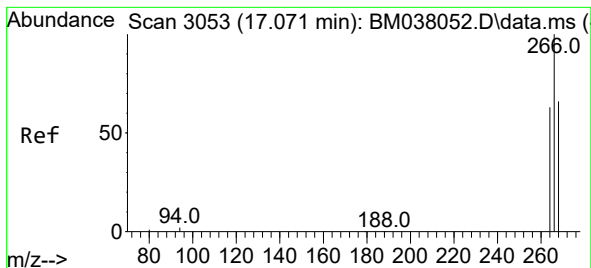
Tgt Ion:142 Resp: 1757
Ion Ratio Lower Upper
142 100
141 109.6 70.4 105.6#



#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038056.D
Acq: 16 Dec 2022 06:38

Tgt Ion:142 Resp: 878
Ion Ratio Lower Upper
142 100
141 90.3 73.6 110.4





#14

Pentachlorophenol

Concen: 391.003 ng/ul

RT: 17.088 min Scan# 3053

Delta R.T. 0.017 min

Lab File: BM038056.D

Acq: 16 Dec 2022 06:38

Instrument :

BNA_M

ClientSampleId :

COLFO

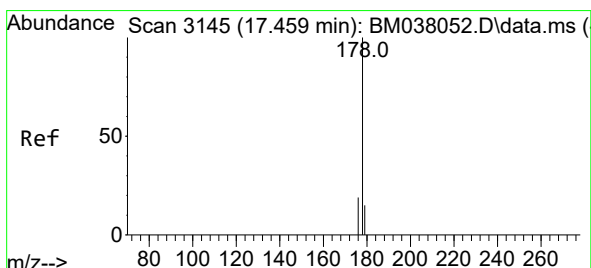
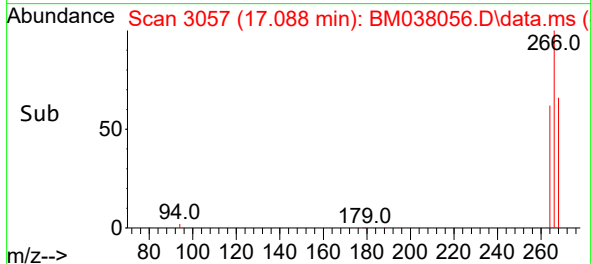
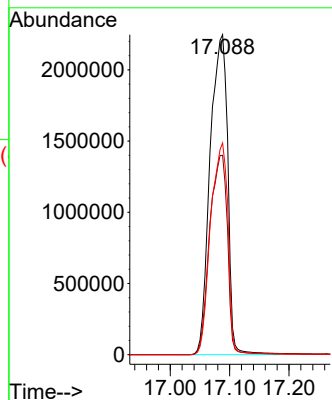
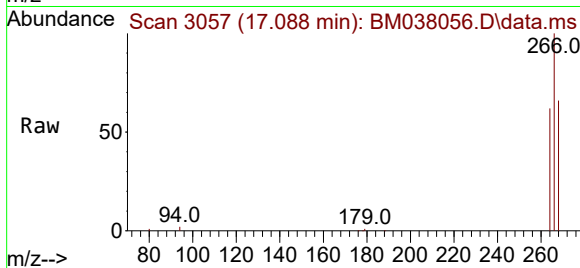
Tgt Ion:266 Resp: 4613932

Ion Ratio Lower Upper

266 100

264 62.7 49.9 74.9

268 65.5 52.0 78.0



#15

Phenanthrene

Concen: 0.028 ng/ul

RT: 17.464 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BM038056.D

Acq: 16 Dec 2022 06:38

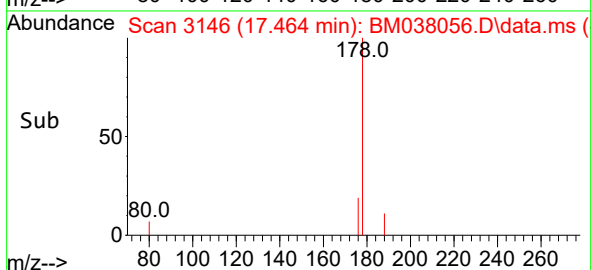
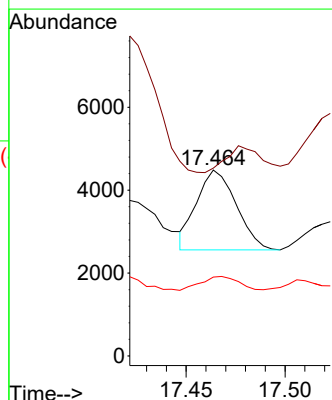
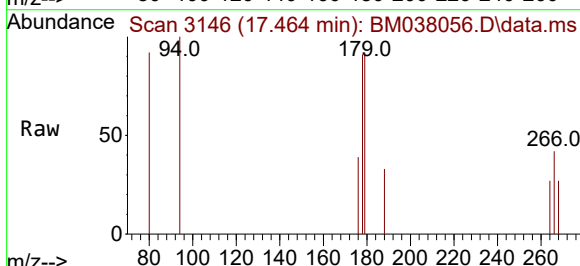
Tgt Ion:178 Resp: 2677

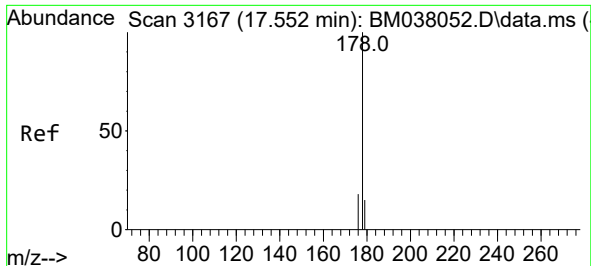
Ion Ratio Lower Upper

178 100

179 101.0 12.6 19.0#

176 42.4 15.8 23.6#

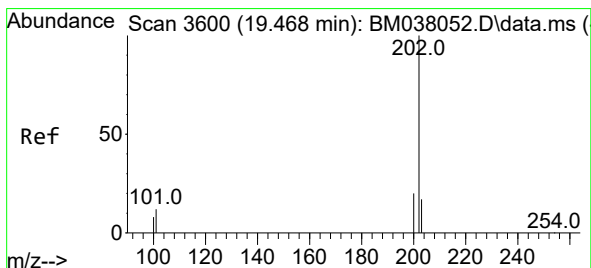
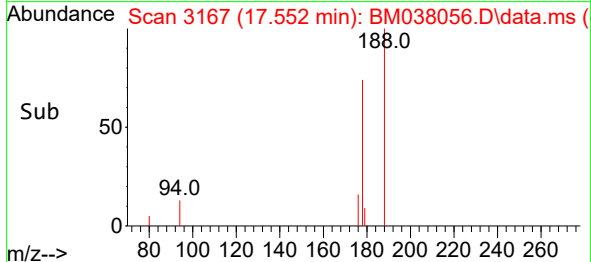
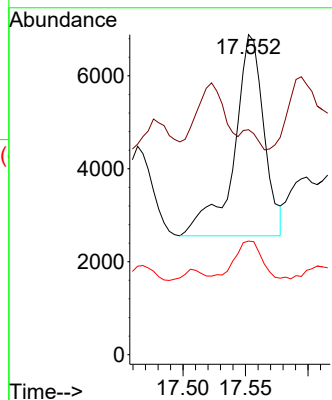
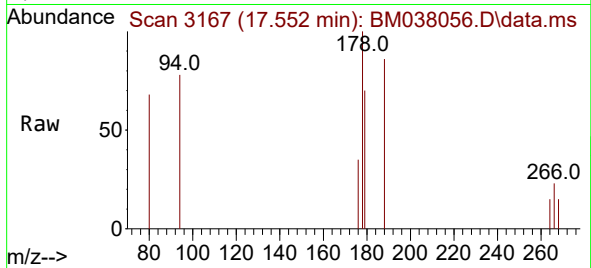




#16
 Anthracene
 Concen: 0.082 ng/ul
 RT: 17.552 min Scan# 3167
 Delta R.T. -0.004 min
 Lab File: BM038056.D
 Acq: 16 Dec 2022 06:38

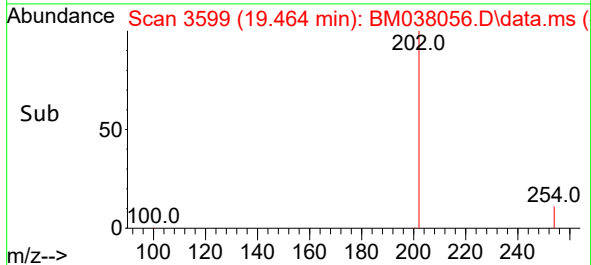
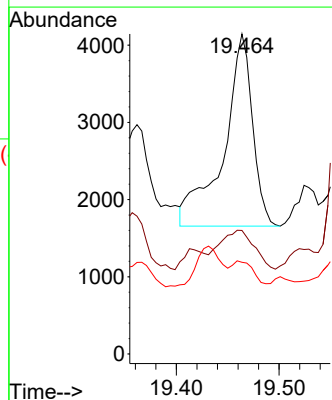
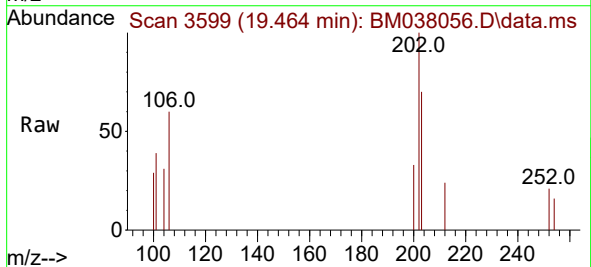
Instrument :
 BNA_M
 ClientSampleId :
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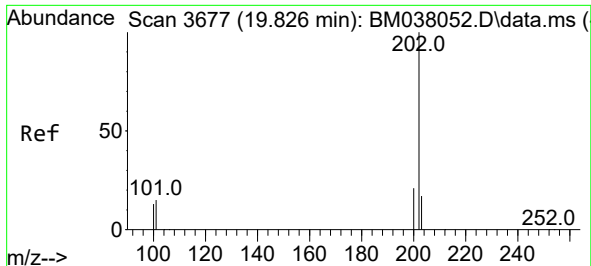
Tgt Ion:178 Resp: 7233
 Ion Ratio Lower Upper
 178 100
 179 70.3 13.0 19.4#
 176 35.5 15.0 22.4#



#19
 Fluoranthene
 Concen: 0.049 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.005 min
 Lab File: BM038056.D
 Acq: 16 Dec 2022 06:38

Tgt Ion:202 Resp: 4873
 Ion Ratio Lower Upper
 202 100
 101 38.6 10.6 15.8#
 100 28.7 7.9 11.9#

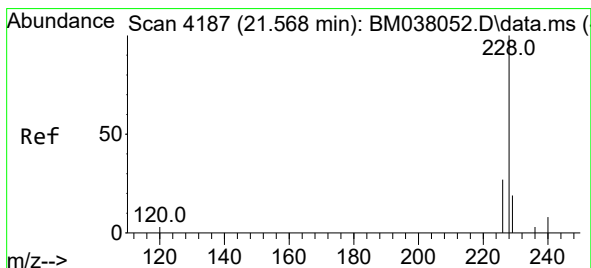
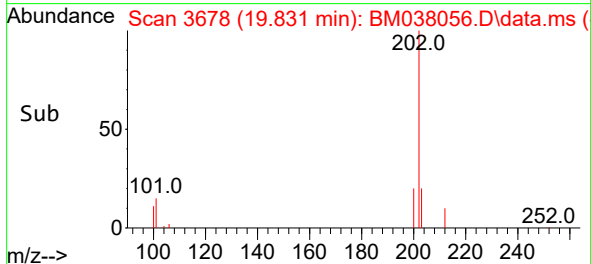
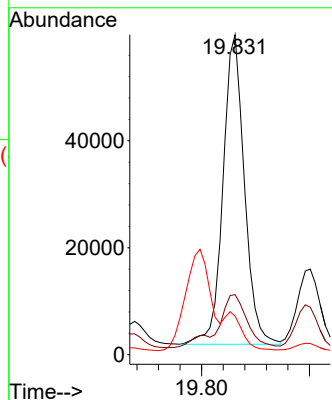
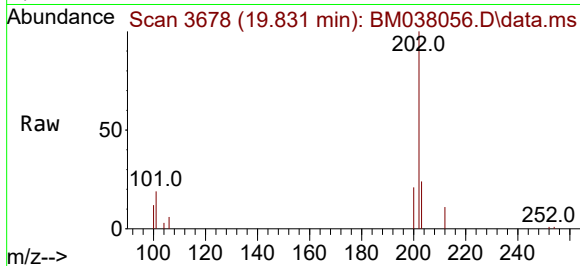




#20
Pyrene
Concen: 0.790 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038056.D
Acq: 16 Dec 2022 06:38

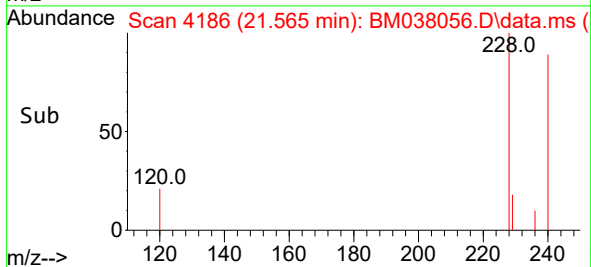
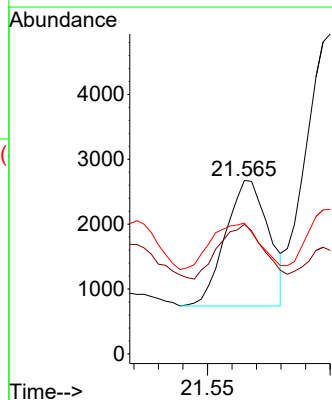
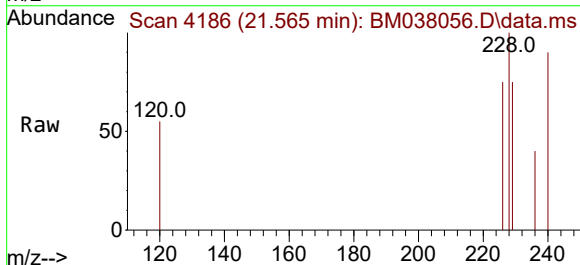
Instrument :
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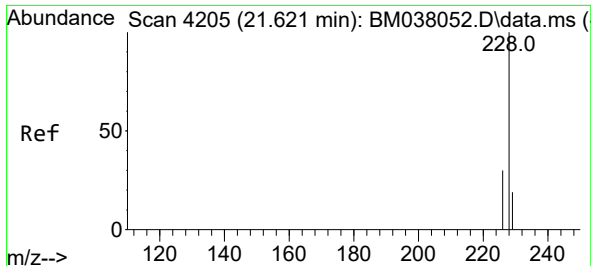
Tgt Ion:202 Resp: 79806
Ion Ratio Lower Upper
202 100
101 18.7 12.1 18.1#
100 12.1 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.029 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BM038056.D
Acq: 16 Dec 2022 06:38

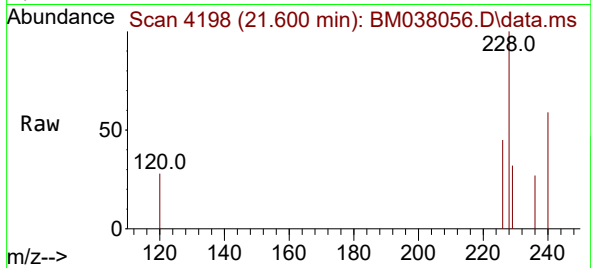
Tgt Ion:228 Resp: 2381
Ion Ratio Lower Upper
228 100
229 74.8 15.9 23.9#
226 75.4 22.1 33.1#



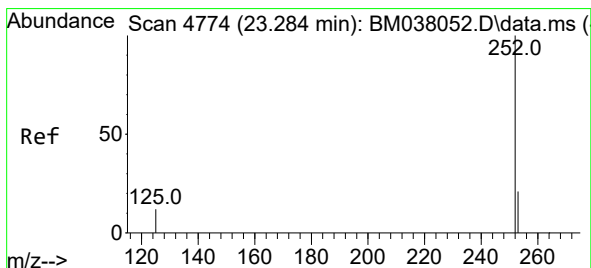
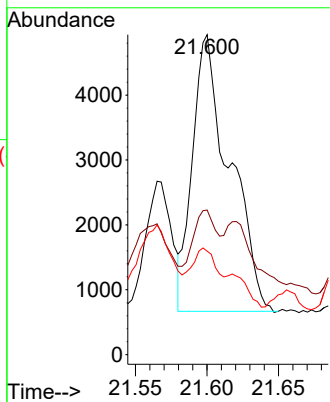
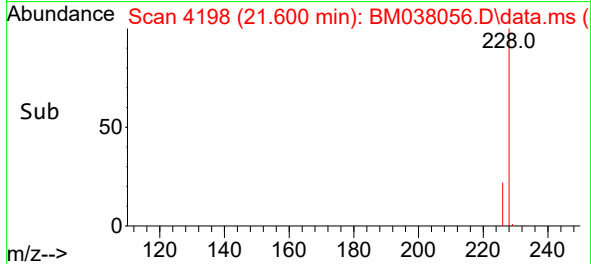


#22
Chrysene
Concen: 0.092 ng/ul
RT: 21.600 min Scan# 4198
Delta R.T. -0.023 min
Lab File: BM038056.D
Acq: 16 Dec 2022 06:38

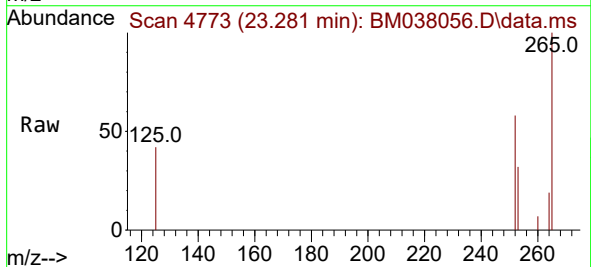
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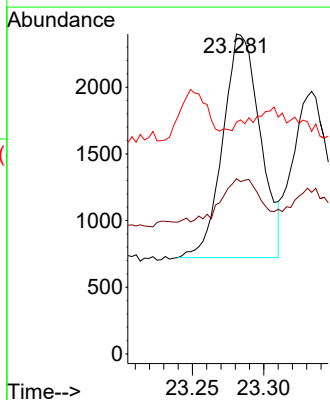
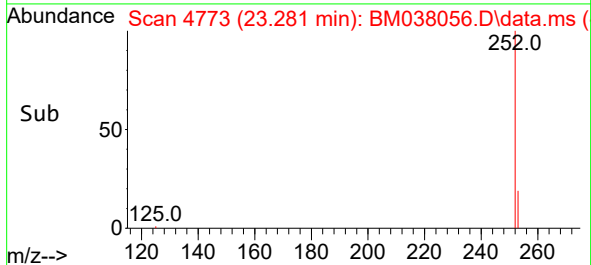
Tgt Ion:228 Resp: 7717
Ion Ratio Lower Upper
228 100
226 45.2 24.1 36.1#
229 32.4 15.7 23.5#

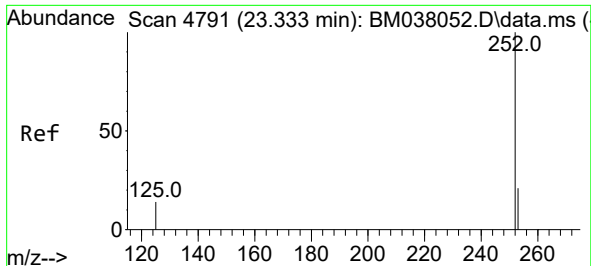


#24
Benzo(b)fluoranthene
Concen: 0.037 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. -0.006 min
Lab File: BM038056.D
Acq: 16 Dec 2022 06:38



Tgt Ion:252 Resp: 3060
Ion Ratio Lower Upper
252 100
253 54.8 0.0 51.8#
125 72.4 0.0 42.2#

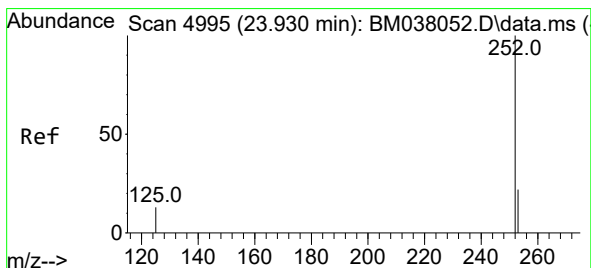
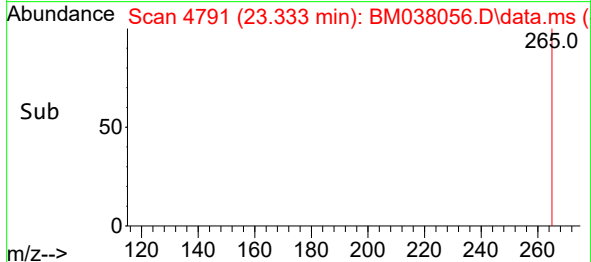
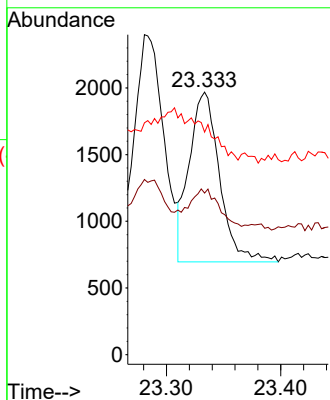
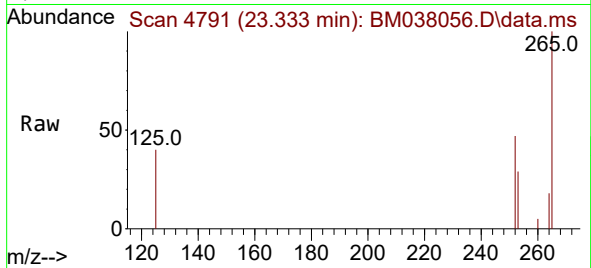




#25
Benzo(k)fluoranthene
Concen: 0.029 ng/ul
RT: 23.333 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BM038056.D
Acq: 16 Dec 2022 06:38

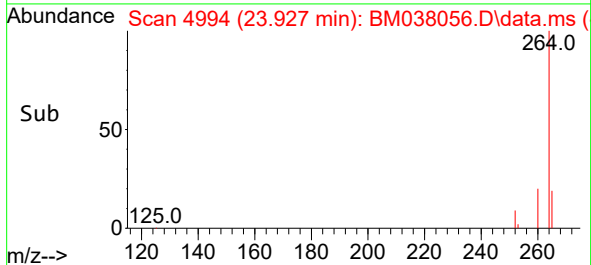
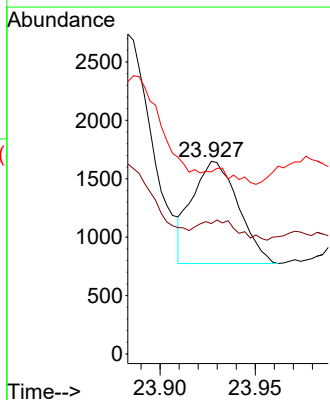
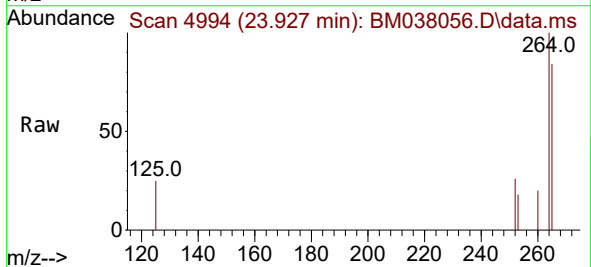
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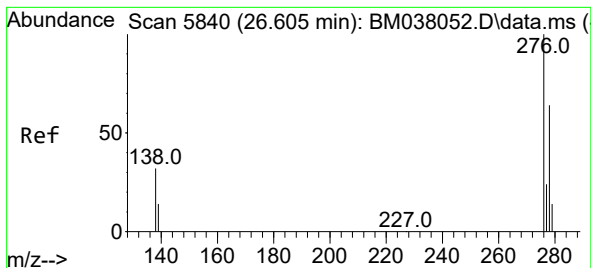
Tgt Ion:252 Resp: 2348
Ion Ratio Lower Upper
252 100
253 61.5 20.8 31.2#
125 84.8 17.1 25.7#



#26
Benzo(a)pyrene
Concen: 0.021 ng/ul
RT: 23.927 min Scan# 4994
Delta R.T. -0.003 min
Lab File: BM038056.D
Acq: 16 Dec 2022 06:38

Tgt Ion:252 Resp: 1476
Ion Ratio Lower Upper
252 100
253 67.7 21.9 32.9#
125 94.5 20.7 31.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.024 ng/ul

RT: 26.609 min Scan# 5841

Delta R.T. 0.000 min

Lab File: BM038056.D

Acq: 16 Dec 2022 06:38

Instrument :

BNA_M

ClientSampleId :

COLFO

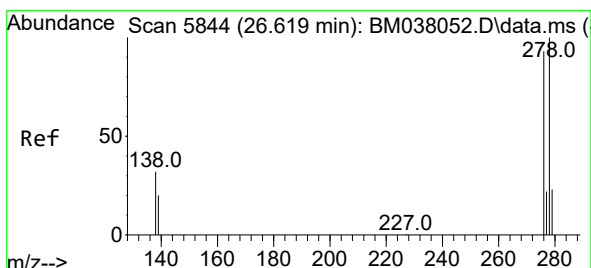
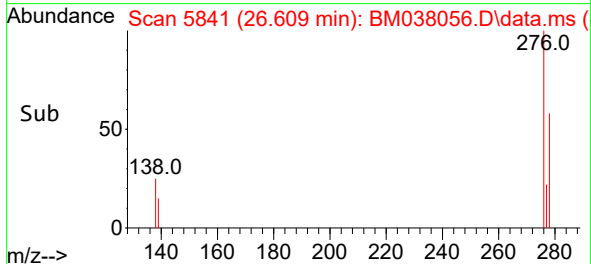
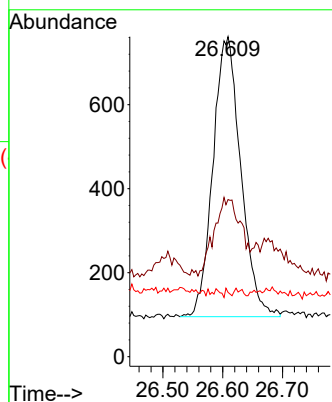
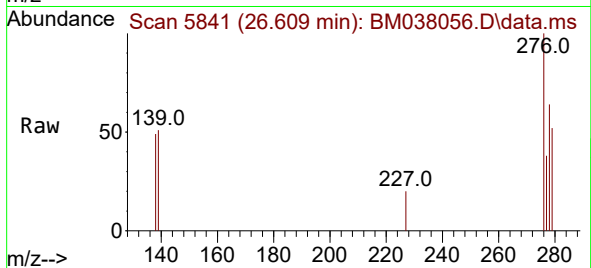
Tgt Ion:276 Resp: 2157

Ion Ratio Lower Upper

276 100

138 30.2 26.6 40.0

227 0.4 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.024 ng/ul

RT: 26.626 min Scan# 5846

Delta R.T. 0.003 min

Lab File: BM038056.D

Acq: 16 Dec 2022 06:38

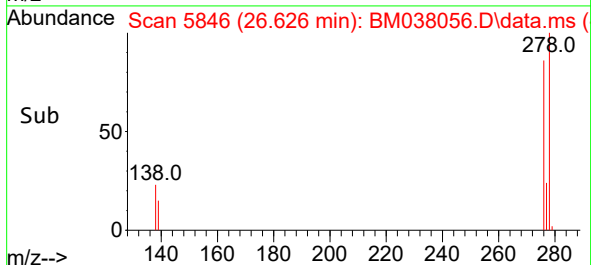
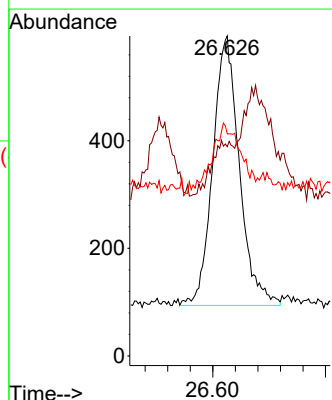
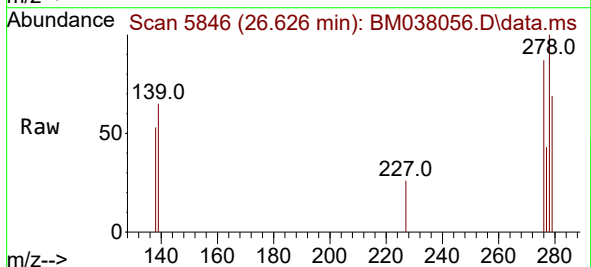
Tgt Ion:278 Resp: 1636

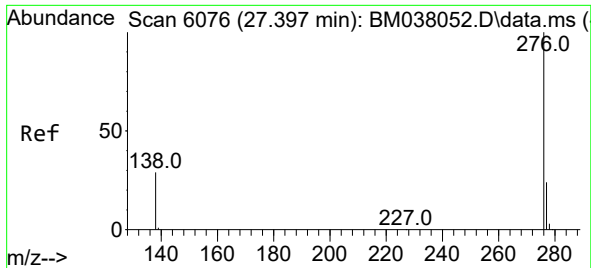
Ion Ratio Lower Upper

278 100

139 65.4 19.0 28.6#

279 69.4 22.4 33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038056.D
Acq: 16 Dec 2022 06:38

Instrument :
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ClientSampleId :
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Tgt Ion:276 Resp: 1718
Ion Ratio Lower Upper
276 100
138 50.3 24.1 36.1#
277 43.1 19.0 28.6#

