

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040254.D
 Acq On : 15 Jun 2023 10:47
 Operator : MA/JU
 Sample : 03088-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGV5

Quant Time: Jun 15 11:19:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

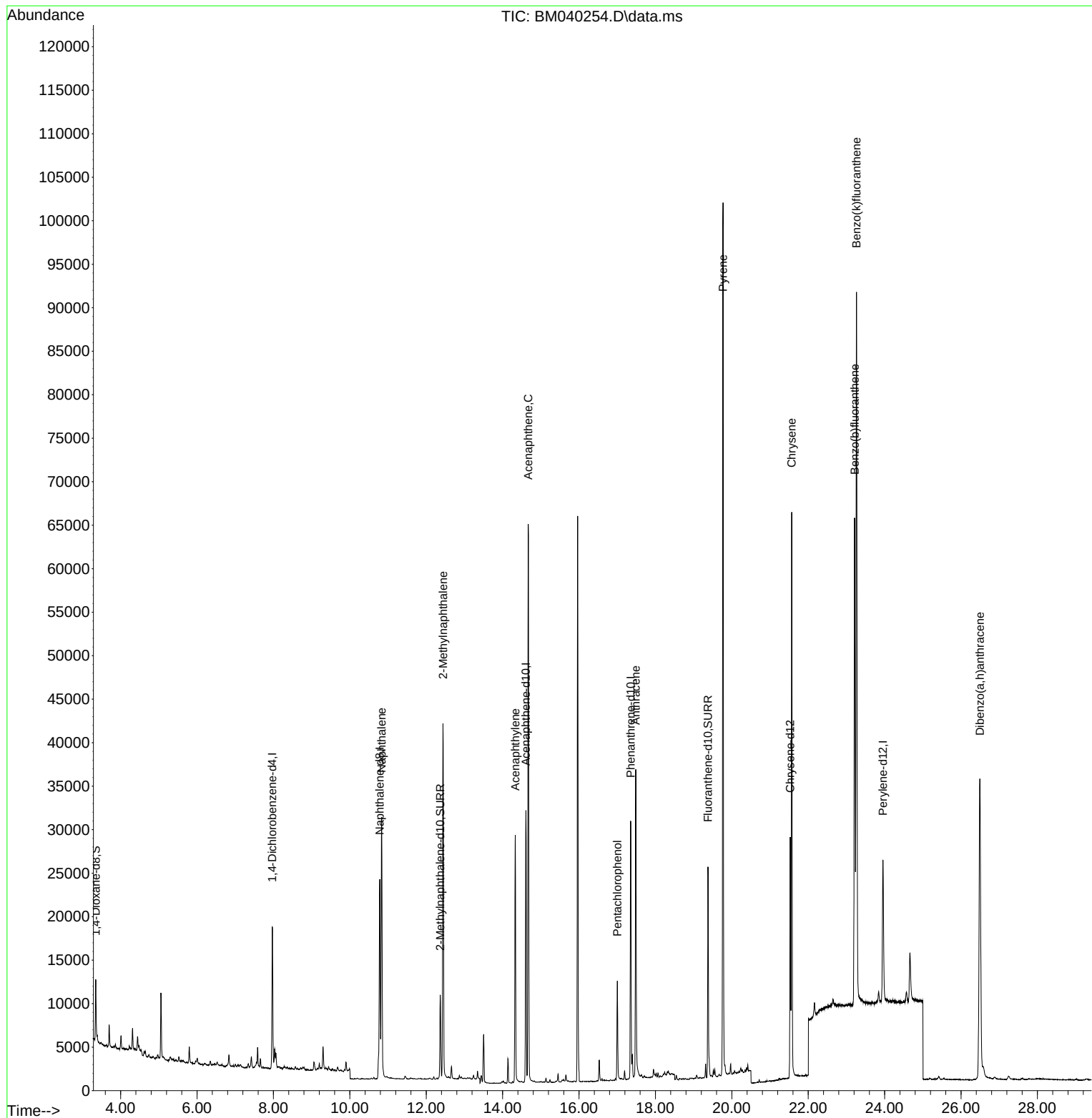
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	8654	0.400	ng/ul	0.00
4) Naphthalene-d8	10.783	136	31964	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.609	164	17007	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	35310	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	24851	0.400	ng/ul	0.00
23) Perylene-d12	23.955	264	23520	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	4578	0.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	12802	0.316	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	25263	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.833	128	41667	0.550	ng/ul	100
7) 2-Methylnaphthalene	12.439	142	29633	0.630	ng/ul	99
10) Acenaphthylene	14.332	152	32866	0.552	ng/ul	99
11) Acenaphthene	14.670	153	36531	0.716	ng/ul	99
14) Pentachlorophenol	17.003	266	7539	1.046	ng/ul	100
16) Anthracene	17.484	178	41764	0.531	ng/ul	99
20) Pyrene	19.770	202	83050	0.944	ng/ul	99
22) Chrysene	21.567	228	57027	0.736	ng/ul	100
24) Benzo(b)fluoranthene	23.216	252	69112	0.797	ng/ul	97
25) Benzo(k)fluoranthene	23.262	252	106851	1.309	ng/ul	94
28) Dibenzo(a,h)anthracene	26.494	278	55668	0.770	ng/ul	98

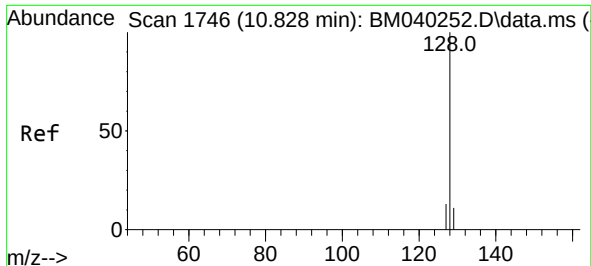
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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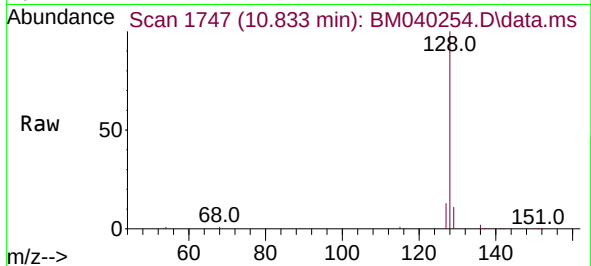
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
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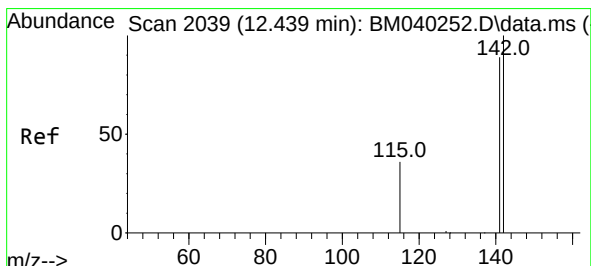
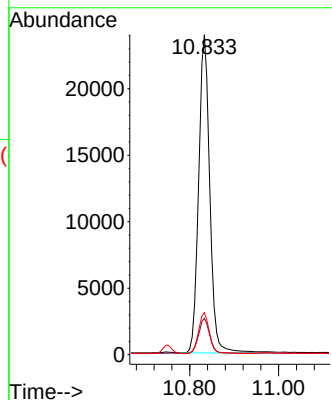
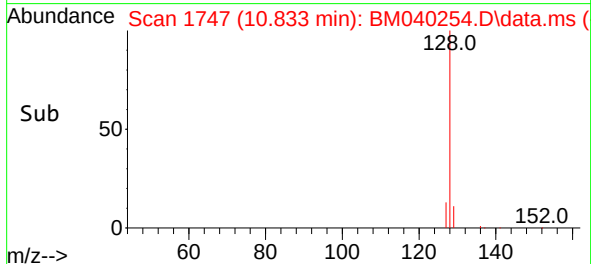


#5
Naphthalene
Concen: 0.550 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM040254.D
Acq: 15 Jun 2023 10:47

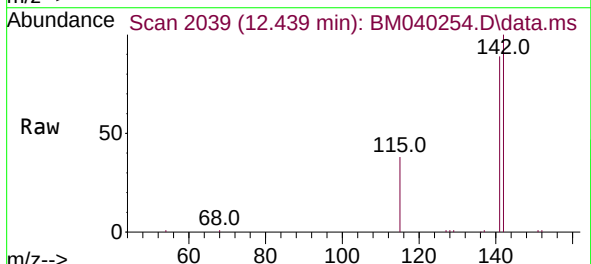
Instrument :
BNA_M
ClientSampleId :
DCGV5



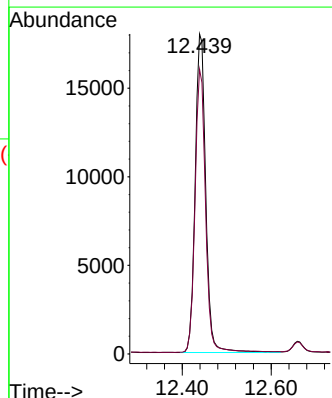
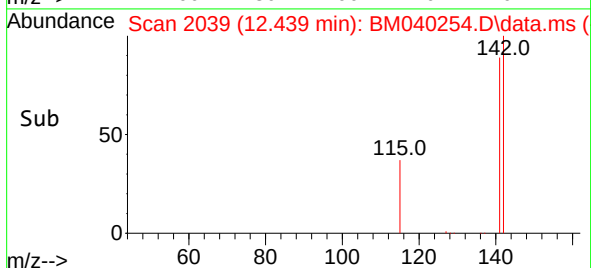
Tgt Ion:128 Resp: 41667
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.2 10.4 15.6

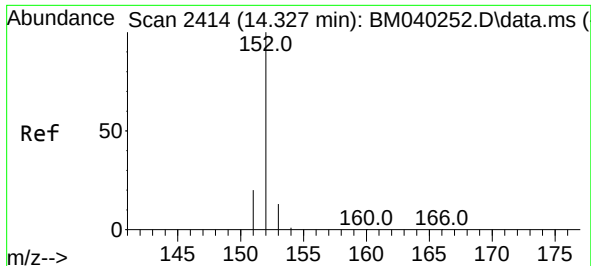


#7
2-Methylnaphthalene
Concen: 0.630 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040254.D
Acq: 15 Jun 2023 10:47



Tgt Ion:142 Resp: 29633
Ion Ratio Lower Upper
142 100
141 88.9 70.6 106.0

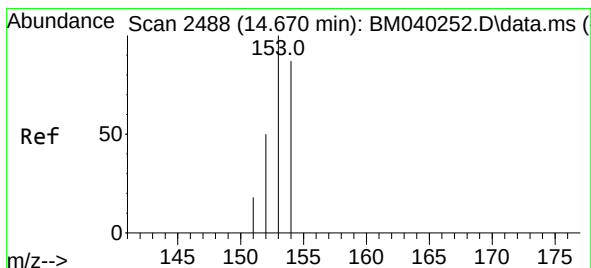
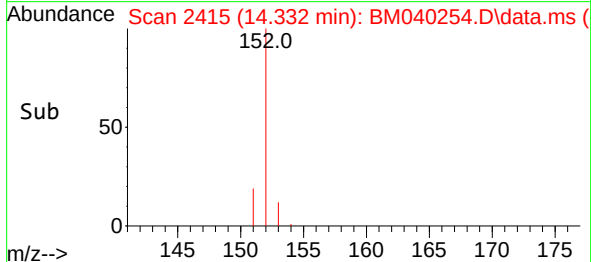
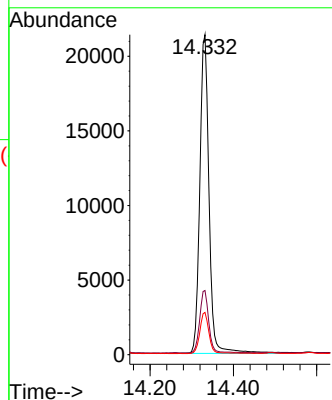
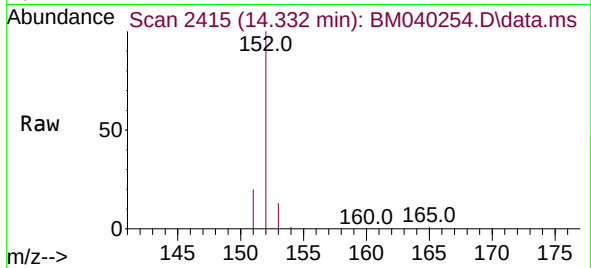




#10
Acenaphthylene
Concen: 0.552 ng/ul
RT: 14.332 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM040254.D
Acq: 15 Jun 2023 10:47

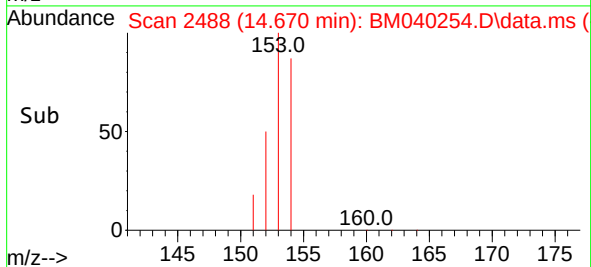
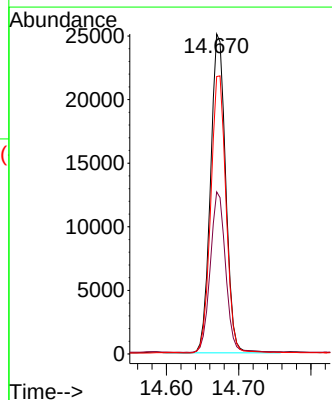
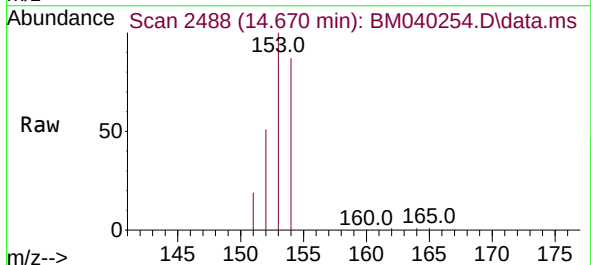
Instrument :
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DCGV5

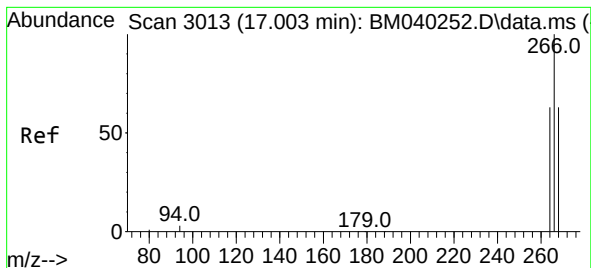
Tgt Ion:152 Resp: 32866
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.2 10.7 16.1



#11
Acenaphthene
Concen: 0.716 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040254.D
Acq: 15 Jun 2023 10:47

Tgt Ion:153 Resp: 36531
Ion Ratio Lower Upper
153 100
152 50.7 40.3 60.5
154 86.7 70.5 105.7





#14

Pentachlorophenol

Concen: 1.046 ng/ul

RT: 17.003 min Scan# 3013

Delta R.T. -0.004 min

Lab File: BM040254.D

Acq: 15 Jun 2023 10:47

Instrument :

BNA_M

ClientSampleId :

DCGV5

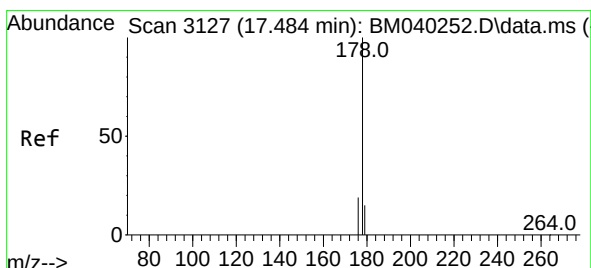
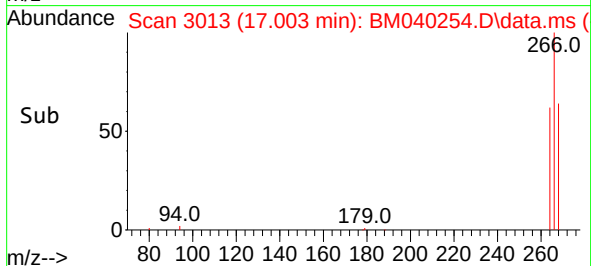
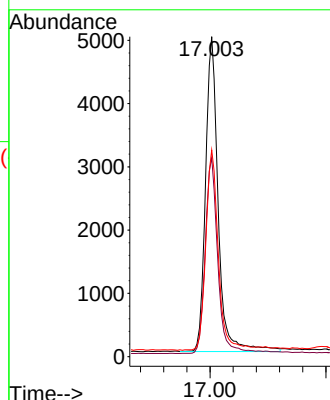
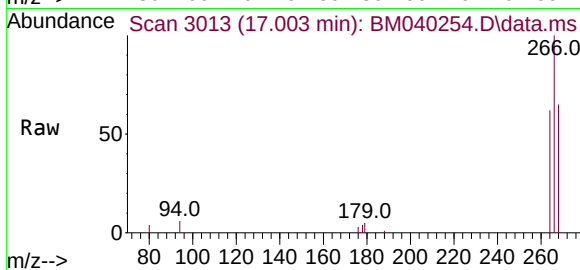
Tgt Ion:266 Resp: 7539

Ion Ratio Lower Upper

266 100

264 62.2 49.4 74.0

268 64.3 51.3 76.9



#16

Anthracene

Concen: 0.531 ng/ul

RT: 17.484 min Scan# 3127

Delta R.T. -0.004 min

Lab File: BM040254.D

Acq: 15 Jun 2023 10:47

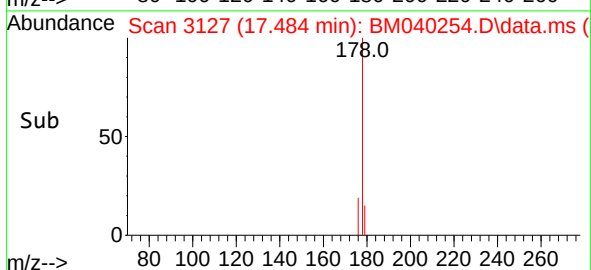
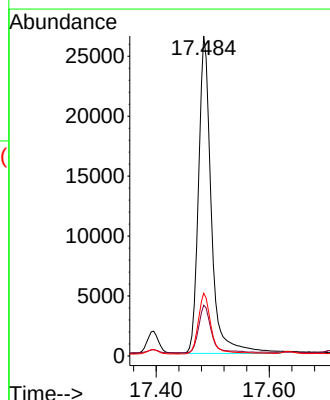
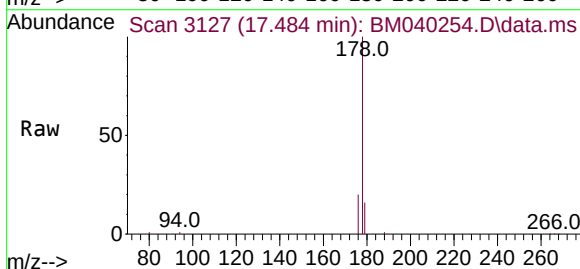
Tgt Ion:178 Resp: 41764

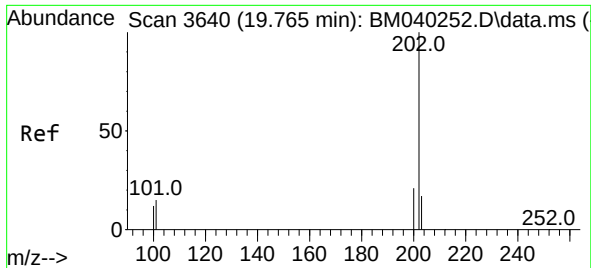
Ion Ratio Lower Upper

178 100

179 15.9 13.0 19.4

176 19.6 15.5 23.3

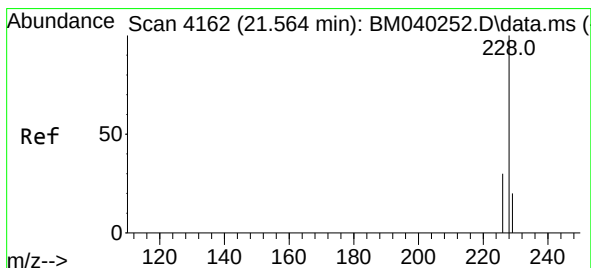
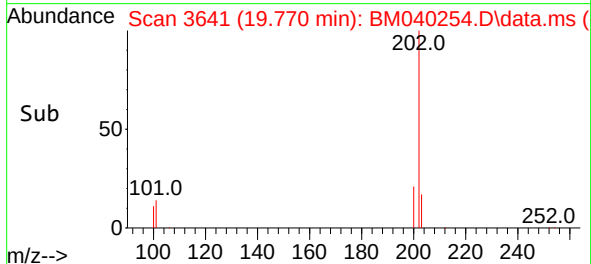
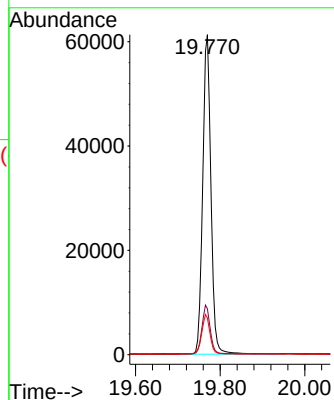
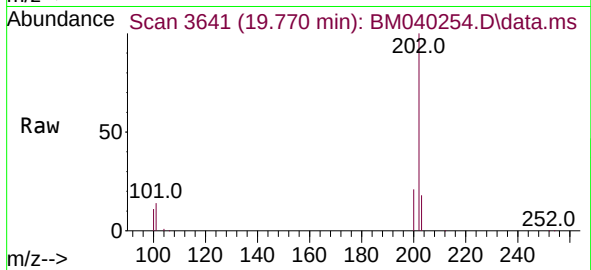




#20
Pyrene
Concen: 0.944 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM040254.D
Acq: 15 Jun 2023 10:47

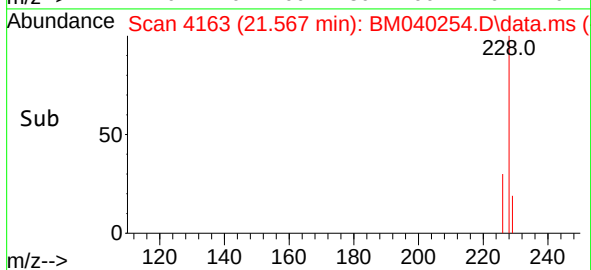
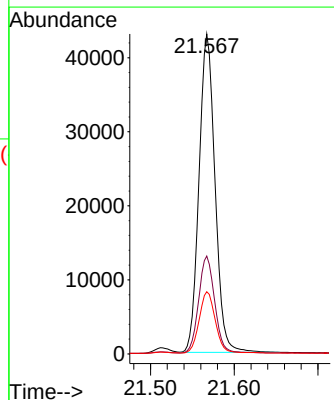
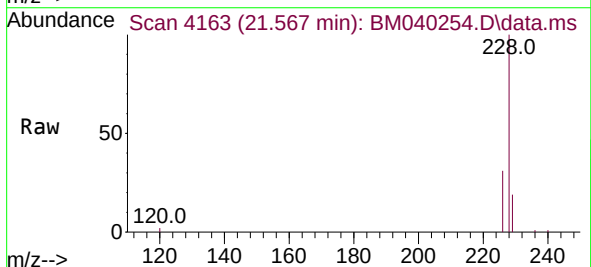
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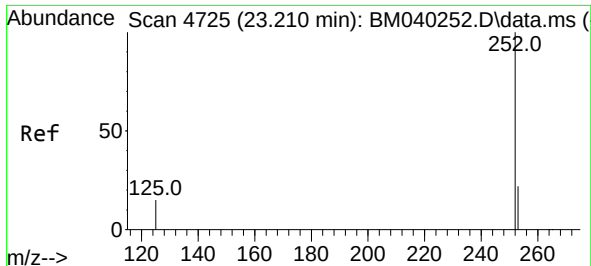
Tgt Ion:202 Resp: 83050
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.8
100 11.5 9.3 13.9



#22
Chrysene
Concen: 0.736 ng/ul
RT: 21.567 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM040254.D
Acq: 15 Jun 2023 10:47

Tgt Ion:228 Resp: 57027
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.5 15.7 23.5

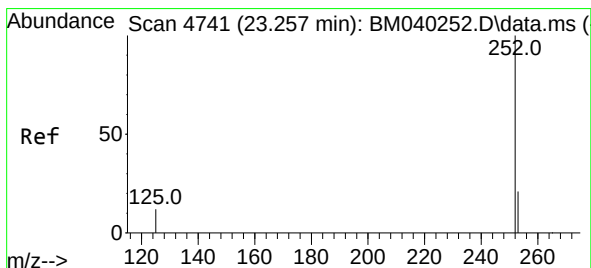
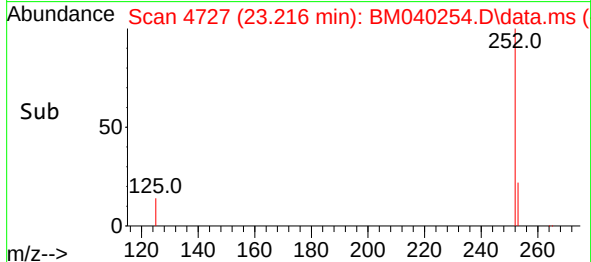
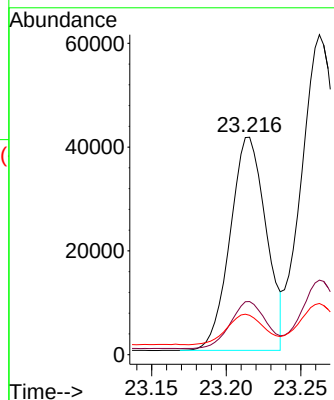
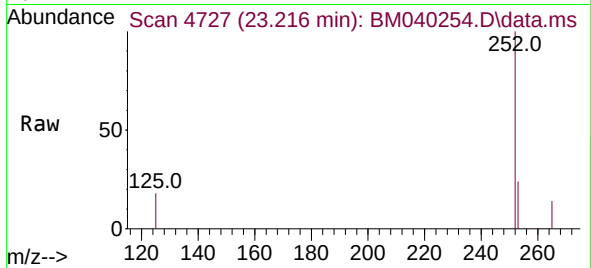




#24
Benzo(b)fluoranthene
Concen: 0.797 ng/ul
RT: 23.216 min Scan# 4727
Delta R.T. -0.000 min
Lab File: BM040254.D
Acq: 15 Jun 2023 10:47

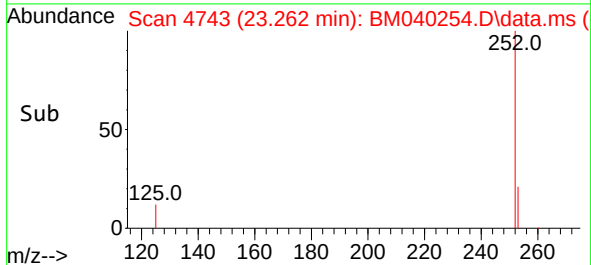
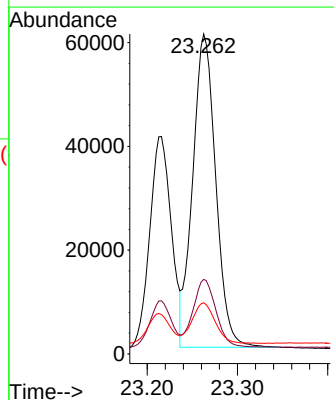
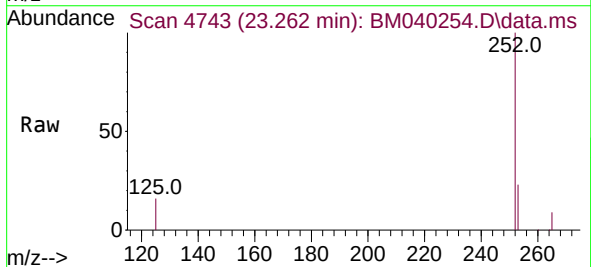
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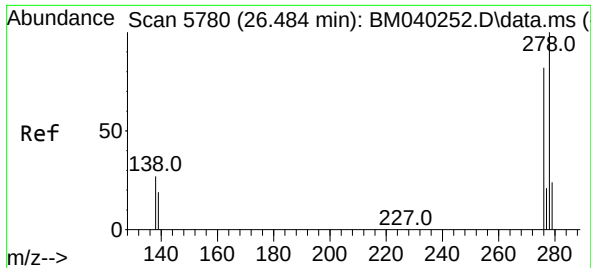
Tgt Ion:252 Resp: 69112
Ion Ratio Lower Upper
252 100
253 24.4 0.0 52.4
125 18.1 0.0 38.4



#25
Benzo(k)fluoranthene
Concen: 1.309 ng/ul
RT: 23.262 min Scan# 4743
Delta R.T. -0.003 min
Lab File: BM040254.D
Acq: 15 Jun 2023 10:47

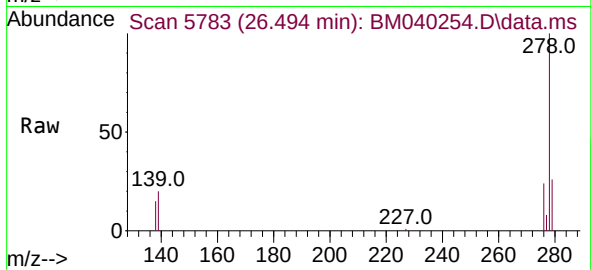
Tgt Ion:252 Resp: 106851
Ion Ratio Lower Upper
252 100
253 23.3 21.5 32.3
125 16.0 14.7 22.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.770 ng/ul
 RT: 26.494 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BM040254.D
 Acq: 15 Jun 2023 10:47

Instrument :
 BNA_M
 ClientSampleId :
 DCGV5



Tgt Ion:278 Resp: 55668
 Ion Ratio Lower Upper
 278 100
 139 20.5 16.4 24.6
 279 25.7 21.8 32.8

