

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040262.D
 Acq On : 15 Jun 2023 16:48
 Operator : MA/JU
 Sample : PB153389BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS389

Quant Time: Jun 15 23:43:01 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)

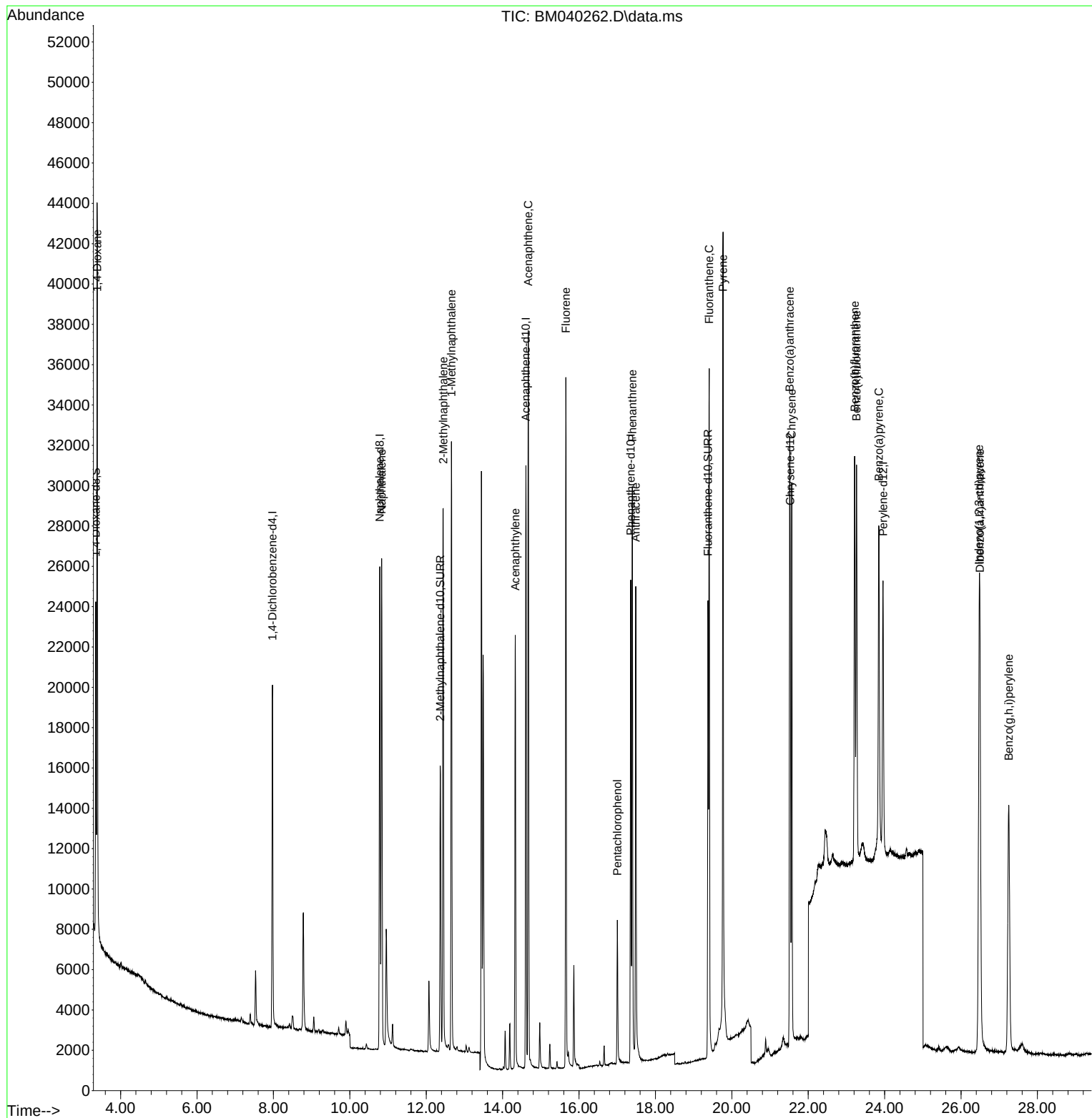
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	8944	0.400	ng/ul	0.00
4) Naphthalene-d8	10.783	136	32908	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.609	164	16142	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	28020	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	16995	0.400	ng/ul	# 0.00
23) Perylene-d12	23.958	264	18999	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	9675	0.876	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	19294	0.462	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	24077	0.568	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.384	88	23306	2.009	ng/ul#	76
5) Naphthalene	10.833	128	32905	0.422	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	20173	0.416	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	20386	0.402	ng/ul	99
10) Acenaphthylene	14.332	152	25601	0.453	ng/ul	99
11) Acenaphthene	14.670	153	20967	0.433	ng/ul	98
12) Fluorene	15.655	166	21486	0.398	ng/ul	99
14) Pentachlorophenol	17.003	266	4874	0.852	ng/ul	99
15) Phenanthrene	17.395	178	30263	0.411	ng/ul	99
16) Anthracene	17.484	178	27477	0.440	ng/ul	99
19) Fluoranthene	19.407	202	28657	0.495	ng/ul	100
20) Pyrene	19.770	202	33054	0.550	ng/ul	99
21) Benzo(a)anthracene	21.515	228	24225	0.483	ng/ul	99
22) Chrysene	21.567	228	24408	0.461	ng/ul	99
24) Benzo(b)fluoranthene	23.216	252	26898	0.384	ng/ul	90
25) Benzo(k)fluoranthene	23.265	252	26762	0.406	ng/ul#	90
26) Benzo(a)pyrene	23.847	252	23641	0.411	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.474	276	32515	0.447	ng/ul	97
28) Dibenzo(a,h)anthracene	26.494	278	25970	0.445	ng/ul	95
29) Benzo(g,h,i)perylene	27.249	276	27679	0.456	ng/ul	95

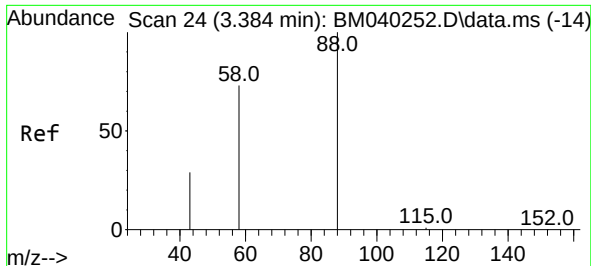
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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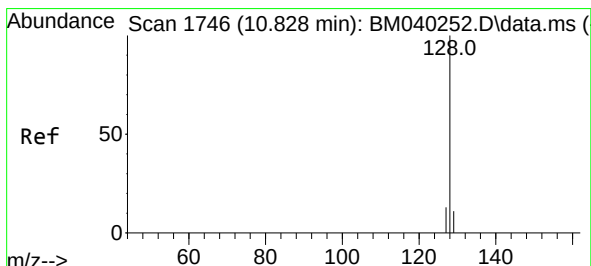
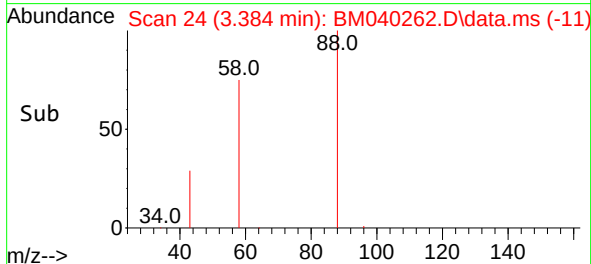
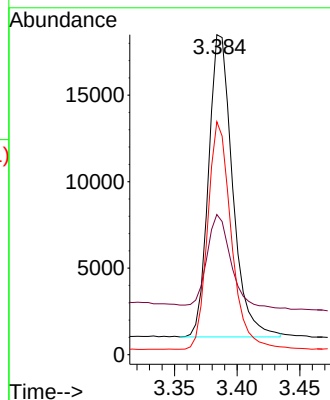
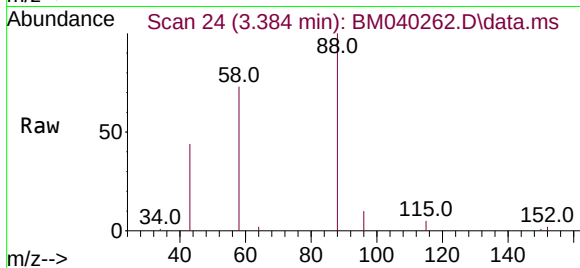




#2
1,4-Dioxane
Concen: 2.009 ng/ul
RT: 3.384 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

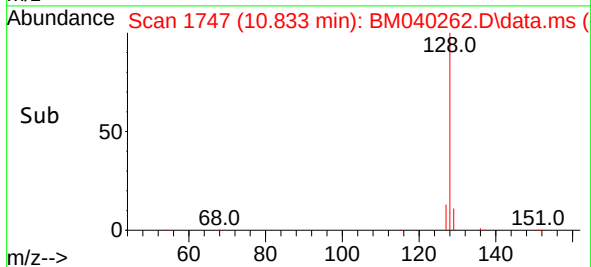
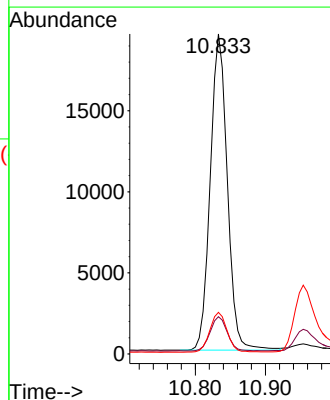
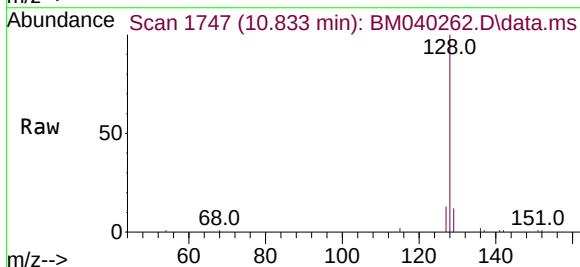
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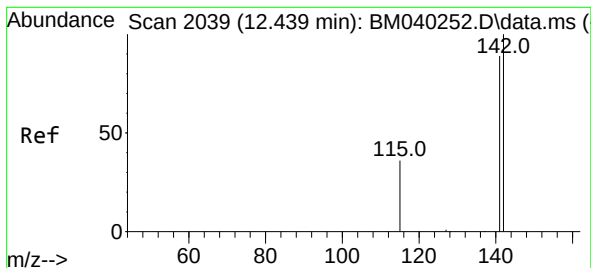
Tgt Ion: 88 Resp: 23306
Ion Ratio Lower Upper
88 100
43 43.8 30.3 45.5
58 72.8 38.8 58.2#



#5
Naphthalene
Concen: 0.422 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

Tgt Ion: 128 Resp: 32905
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.0 10.4 15.6

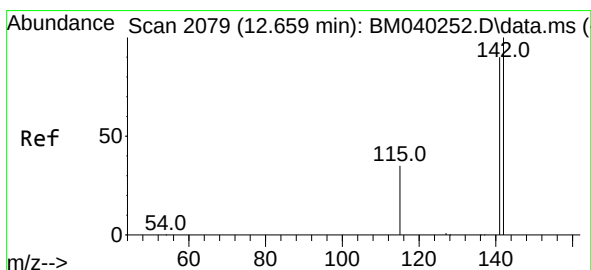
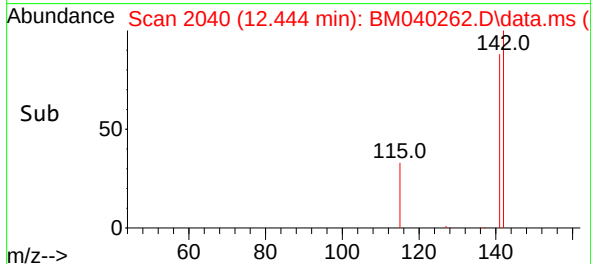
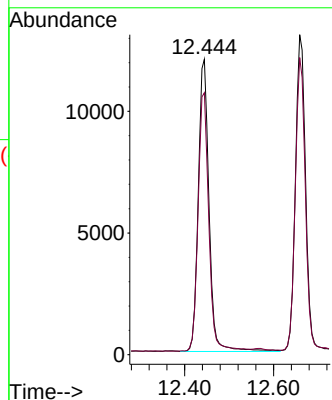
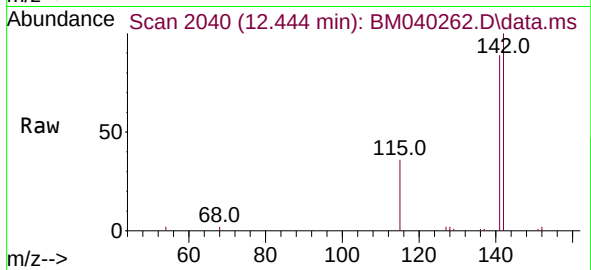




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.444 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

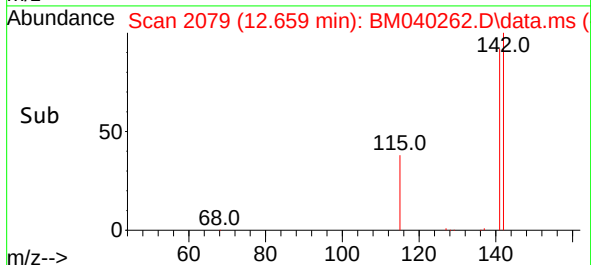
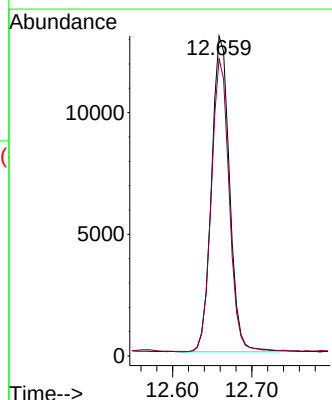
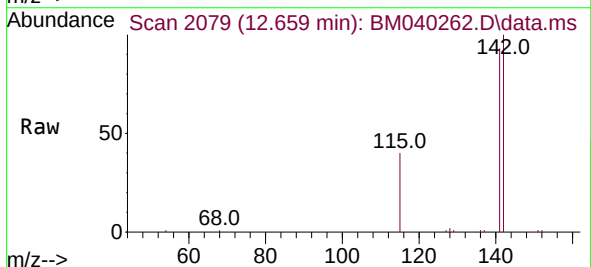
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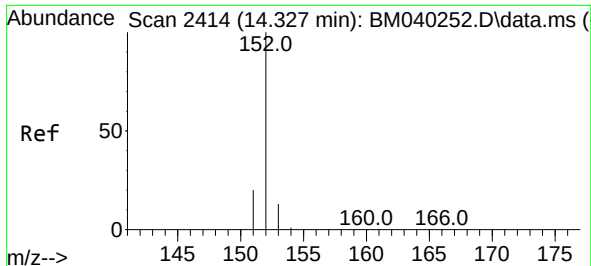
Tgt Ion:142 Resp: 20173
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0



#8
1-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

Tgt Ion:142 Resp: 20386
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.4

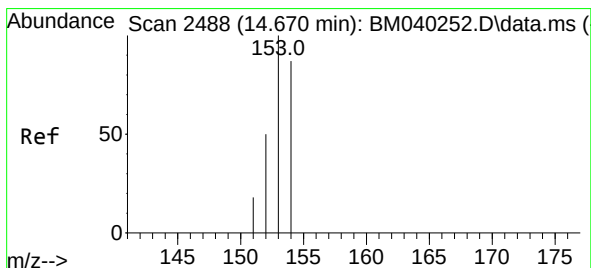
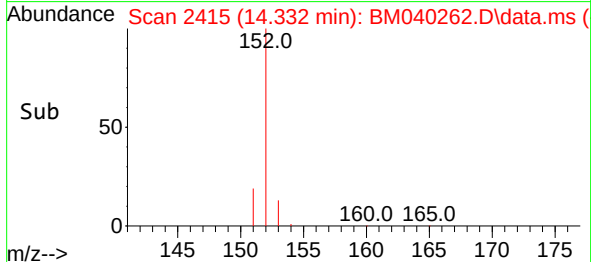
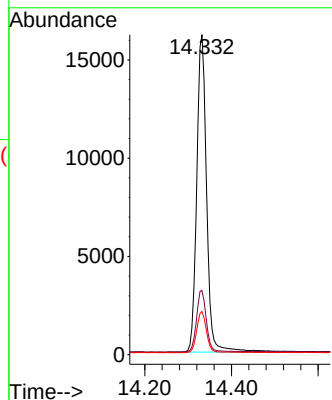
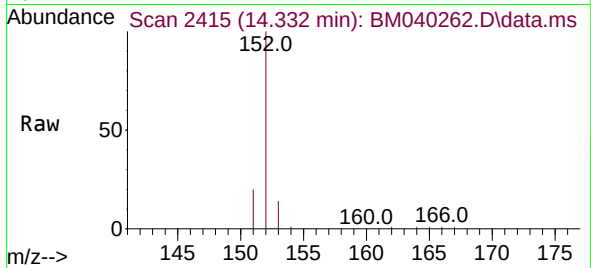




#10
Acenaphthylene
Concen: 0.453 ng/ul
RT: 14.332 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

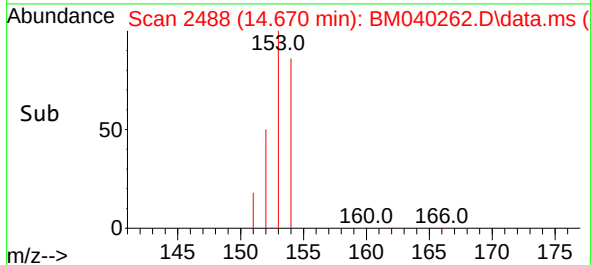
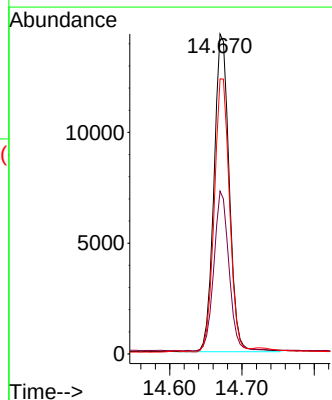
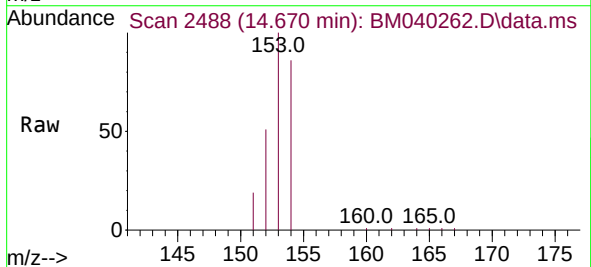
Instrument :
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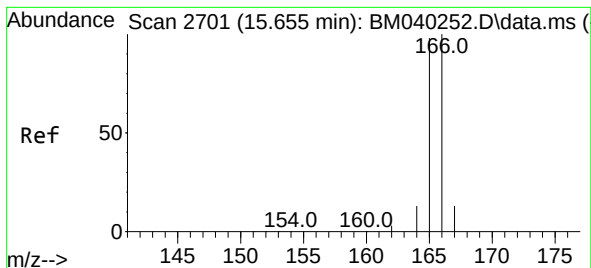
Tgt Ion:152 Resp: 25601
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.5 10.7 16.1



#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

Tgt Ion:153 Resp: 20967
Ion Ratio Lower Upper
153 100
152 50.8 40.3 60.5
154 86.0 70.5 105.7





#12

Fluorene

Concen: 0.398 ng/ul

RT: 15.655 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM040262.D

Acq: 15 Jun 2023 16:48

Instrument :

BNA_M

ClientSampleId :

SLCS389

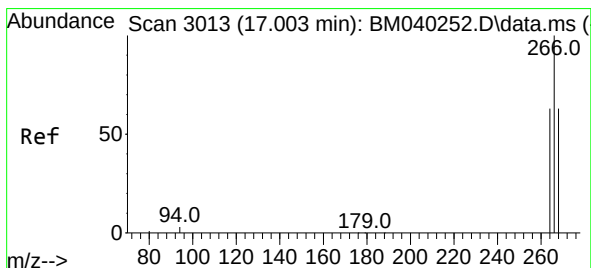
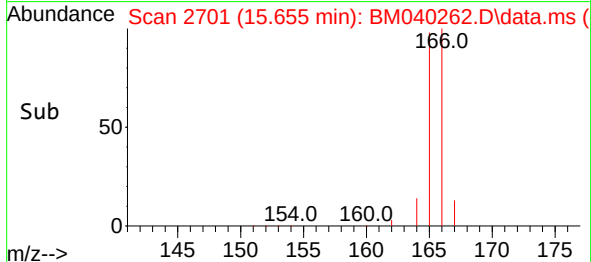
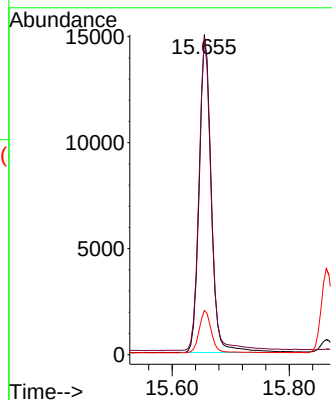
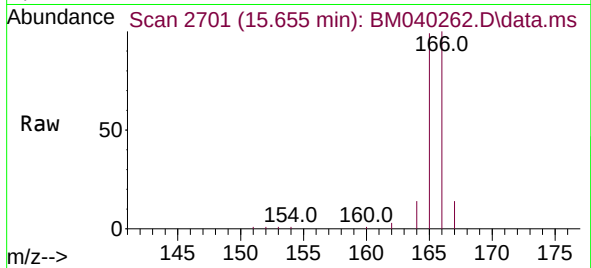
Tgt Ion:166 Resp: 21486

Ion Ratio Lower Upper

166 100

165 99.1 78.2 117.4

167 13.8 11.0 16.4



#14

Pentachlorophenol

Concen: 0.852 ng/ul

RT: 17.003 min Scan# 3013

Delta R.T. -0.004 min

Lab File: BM040262.D

Acq: 15 Jun 2023 16:48

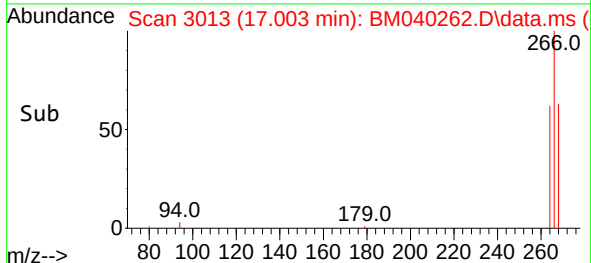
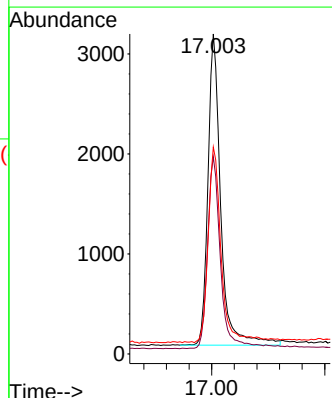
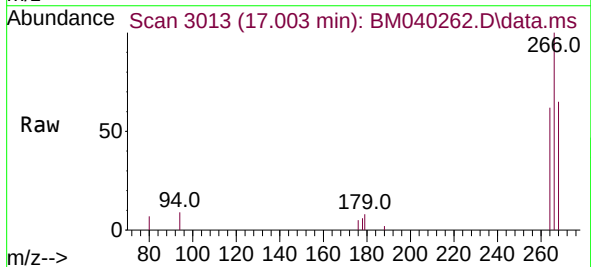
Tgt Ion:266 Resp: 4874

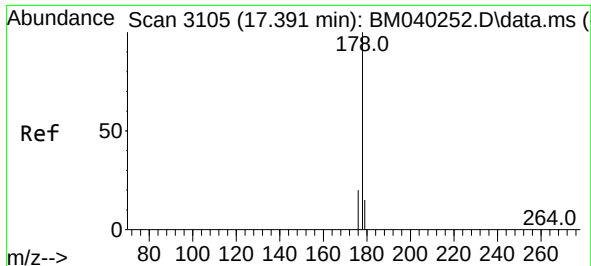
Ion Ratio Lower Upper

266 100

264 62.7 49.4 74.0

268 64.0 51.3 76.9

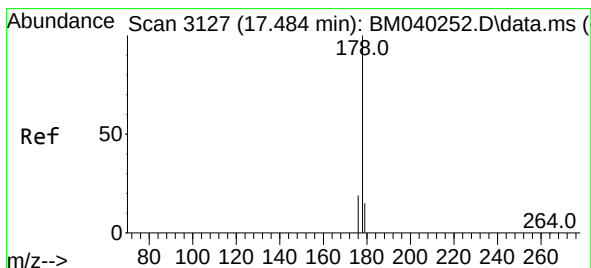
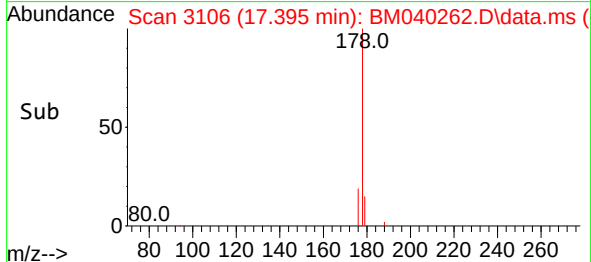
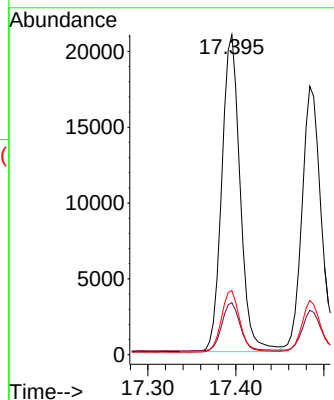
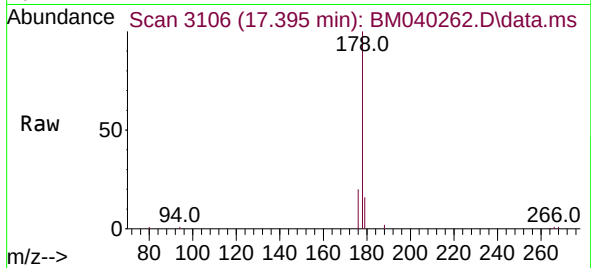




#15
Phenanthrene
Concen: 0.411 ng/ul
RT: 17.395 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

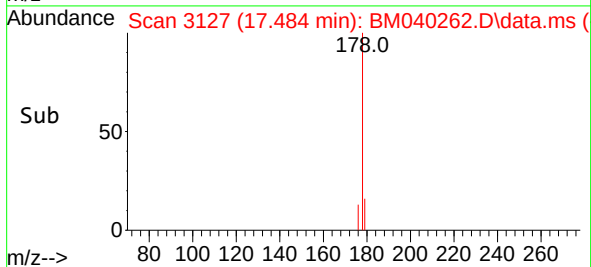
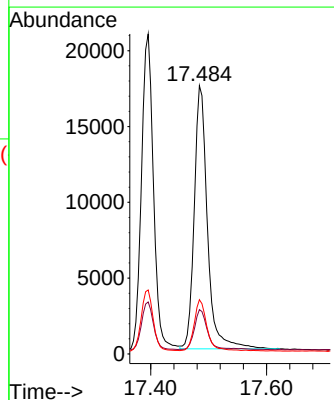
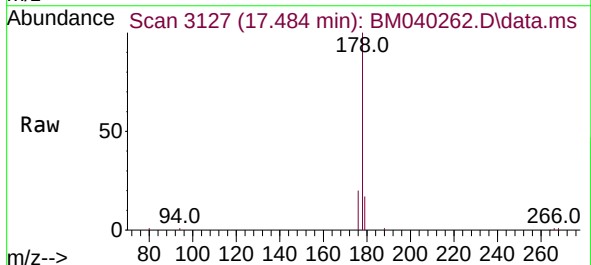
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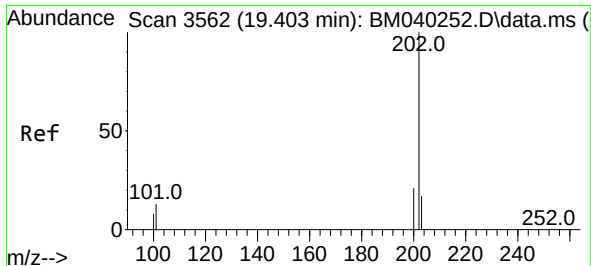
Tgt Ion:178 Resp: 30263
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.0 16.1 24.1



#16
Anthracene
Concen: 0.440 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

Tgt Ion:178 Resp: 27477
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 20.2 15.5 23.3

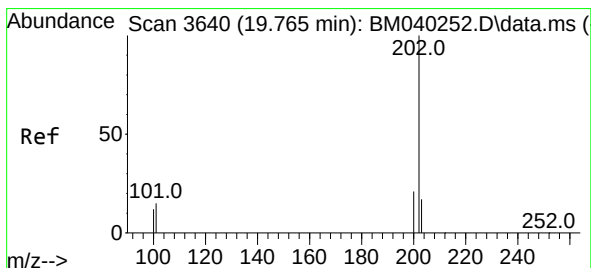
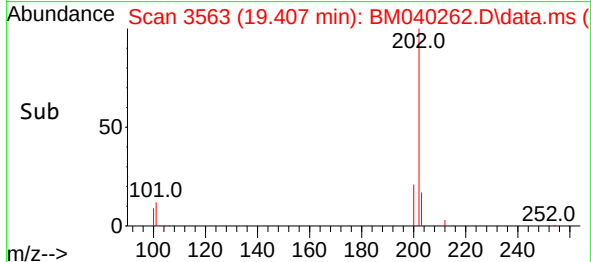
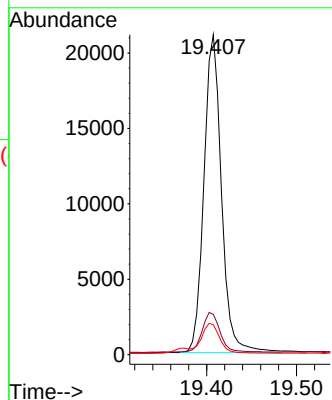
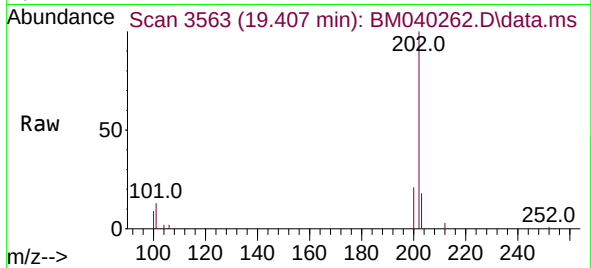




#19
Fluoranthene
Concen: 0.495 ng/ul
RT: 19.407 min Scan# 3563
Delta R.T. -0.000 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

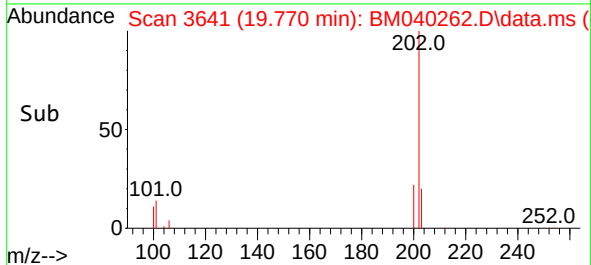
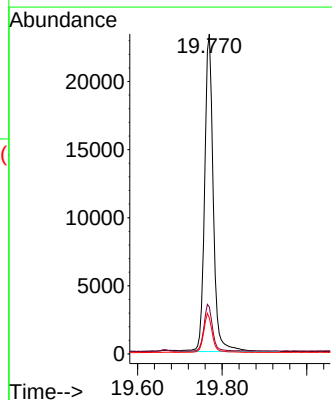
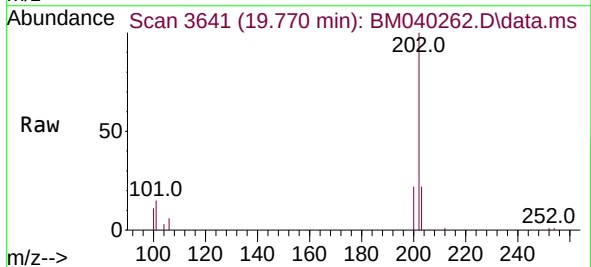
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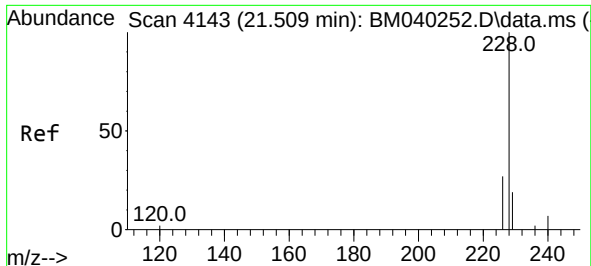
Tgt Ion:	202	Resp:	28657
Ion Ratio	Lower	Upper	
202	100		
101	12.6	10.2	15.4
100	9.4	7.6	11.4



#20
Pyrene
Concen: 0.550 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

Tgt Ion:	202	Resp:	33054
Ion Ratio	Lower	Upper	
202	100		
101	14.7	11.8	17.8
100	11.2	9.3	13.9

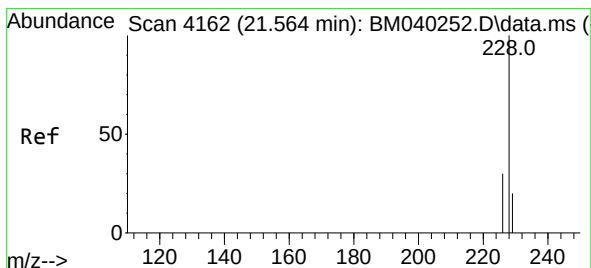
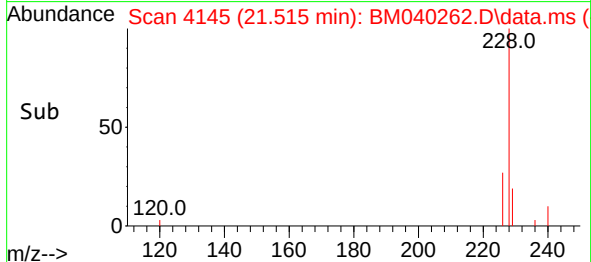
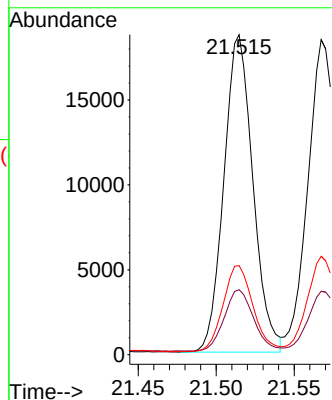
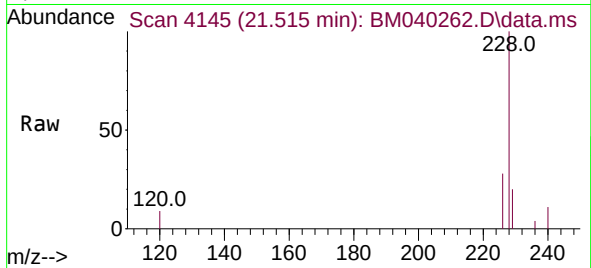




#21
Benzo(a)anthracene
Concen: 0.483 ng/ul
RT: 21.515 min Scan# 4143
Delta R.T. -0.000 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

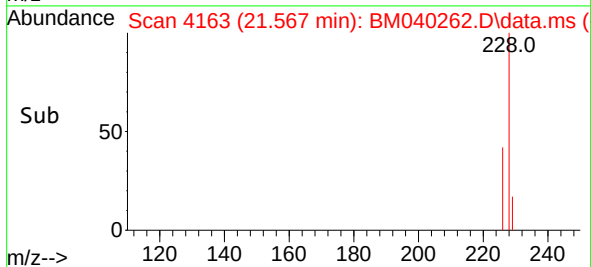
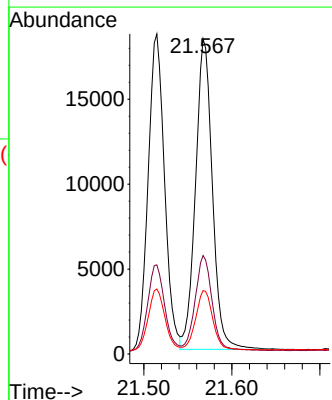
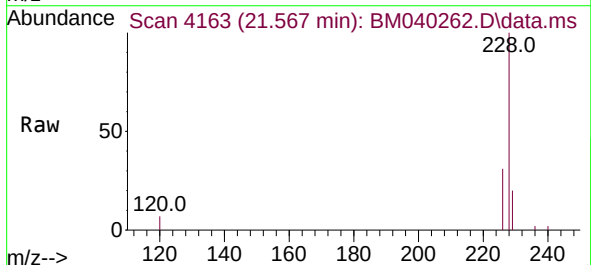
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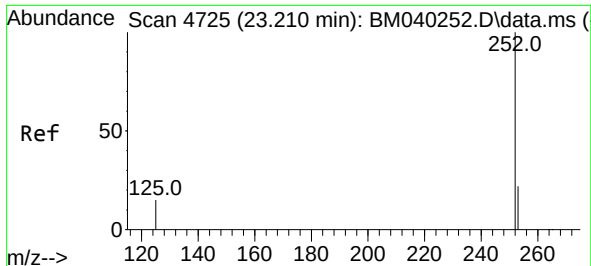
Tgt Ion:228	Resp:	24225
Ion Ratio	Lower	Upper
228	100	
229	20.3	15.8 23.8
226	27.9	22.0 33.0



#22
Chrysene
Concen: 0.461 ng/ul
RT: 21.567 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

Tgt Ion:228	Resp:	24408
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.3 36.5
229	20.1	15.7 23.5

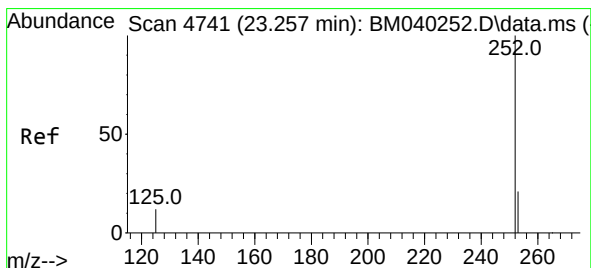
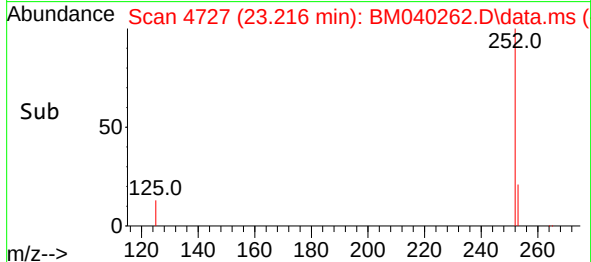
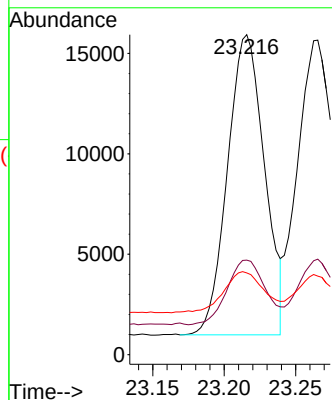
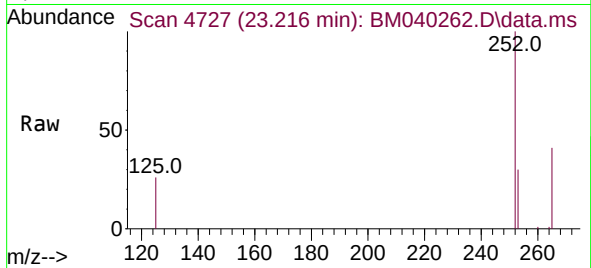




#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 23.216 min Scan# 4727
Delta R.T. -0.000 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

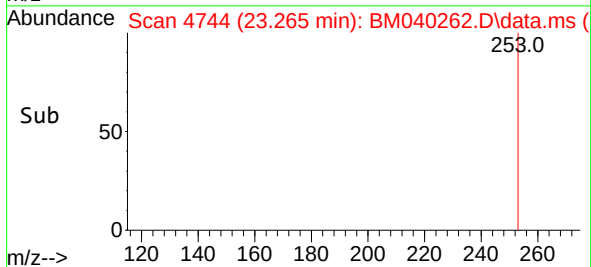
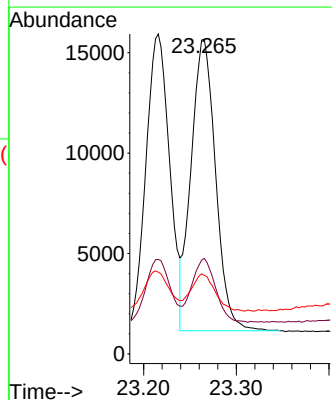
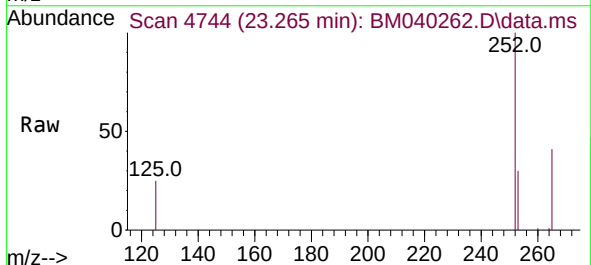
Instrument :
BNA_M
ClientSampleId :
SLCS389

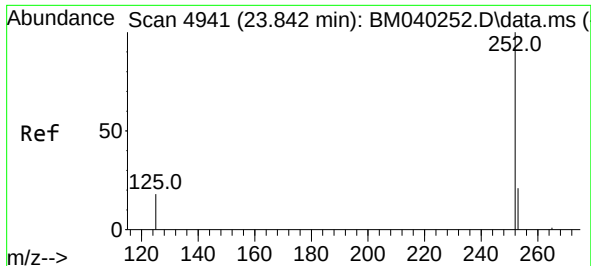
Tgt Ion:252 Resp: 26898
Ion Ratio Lower Upper
252 100
253 29.6 0.0 52.4
125 25.6 0.0 38.4



#25
Benzo(k)fluoranthene
Concen: 0.406 ng/ul
RT: 23.265 min Scan# 4744
Delta R.T. -0.000 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

Tgt Ion:252 Resp: 26762
Ion Ratio Lower Upper
252 100
253 30.4 21.5 32.3
125 25.0 14.7 22.1#

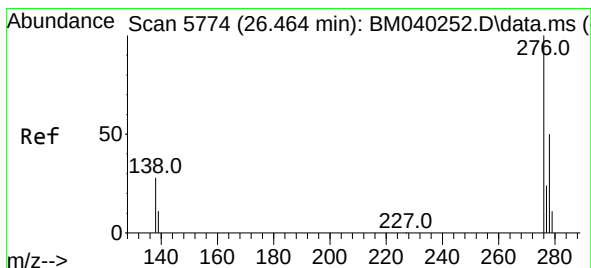
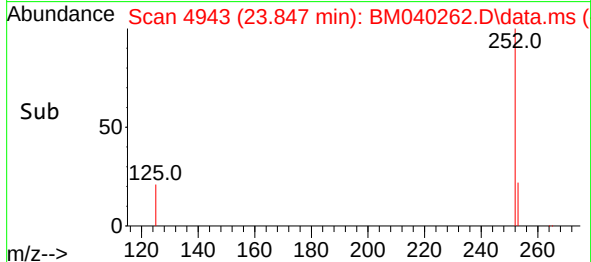
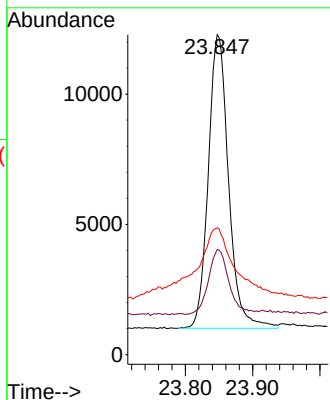
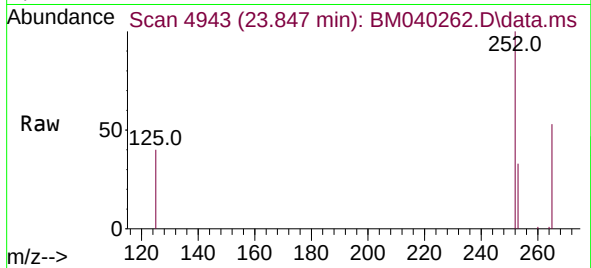




#26
Benzo(a)pyrene
Concen: 0.411 ng/ul
RT: 23.847 min Scan# 4941
Delta R.T. -0.003 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

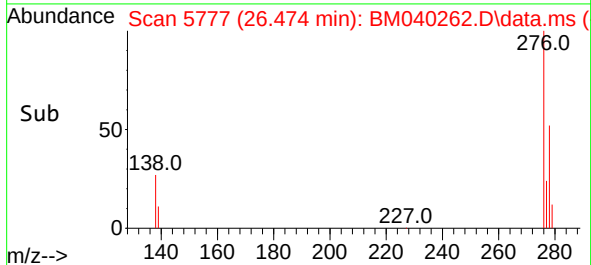
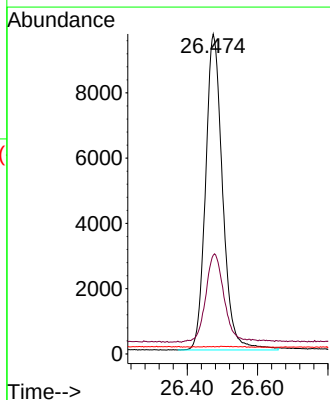
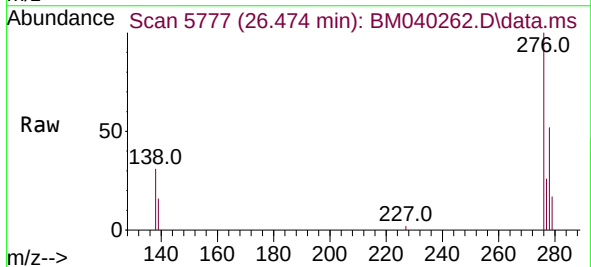
Instrument :
BNA_M
ClientSampleId :
SLCS389

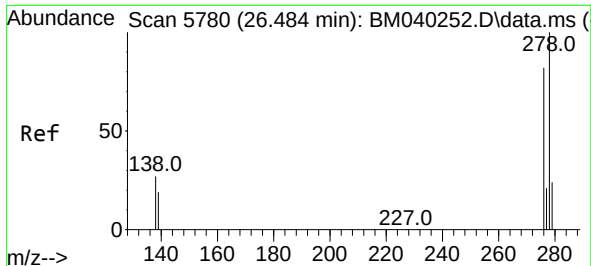
Tgt Ion:252 Resp: 23641
Ion Ratio Lower Upper
252 100
253 32.9 23.4 35.0
125 39.6 19.7 29.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 26.474 min Scan# 5777
Delta R.T. -0.003 min
Lab File: BM040262.D
Acq: 15 Jun 2023 16:48

Tgt Ion:276 Resp: 32515
Ion Ratio Lower Upper
276 100
138 30.5 23.3 34.9
227 0.1 0.1 0.1

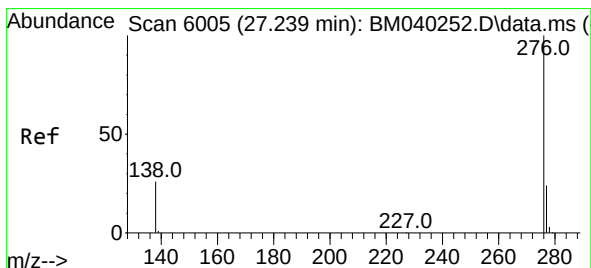
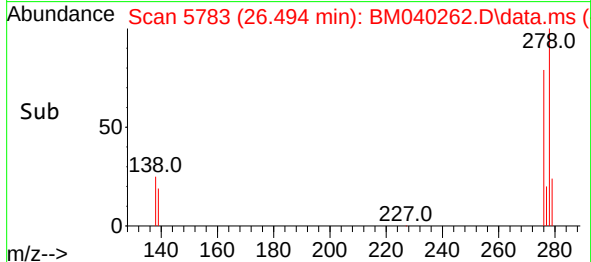
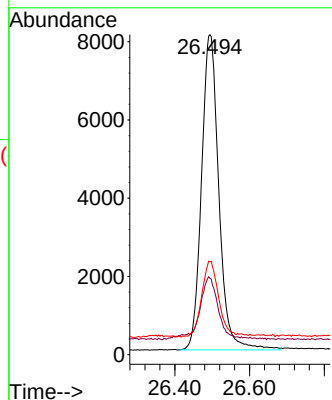
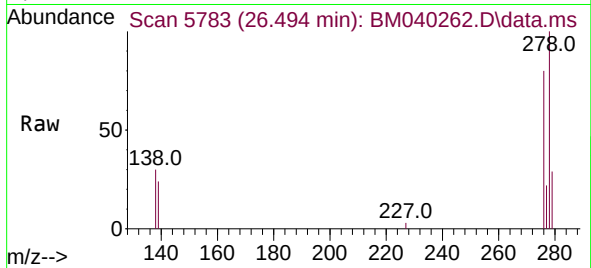




#28
 Dibenzo(a,h)anthracene
 Concen: 0.445 ng/ul
 RT: 26.494 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BM040262.D
 Acq: 15 Jun 2023 16:48

Instrument :
 BNA_M
 ClientSampleId :
 SLCS389

Tgt Ion:278 Resp: 25970
 Ion Ratio Lower Upper
 278 100
 139 23.9 16.4 24.6
 279 29.0 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.456 ng/ul
 RT: 27.249 min Scan# 6008
 Delta R.T. -0.007 min
 Lab File: BM040262.D
 Acq: 15 Jun 2023 16:48

Tgt Ion:276 Resp: 27679
 Ion Ratio Lower Upper
 276 100
 138 29.9 21.0 31.4
 277 25.7 19.6 29.4

