

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022124\
 Data File : BM044260.D
 Acq On : 23 Feb 2024 03:52
 Operator : MA/JU
 Sample : PB159103BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS103

Quant Time: Feb 23 04:23:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

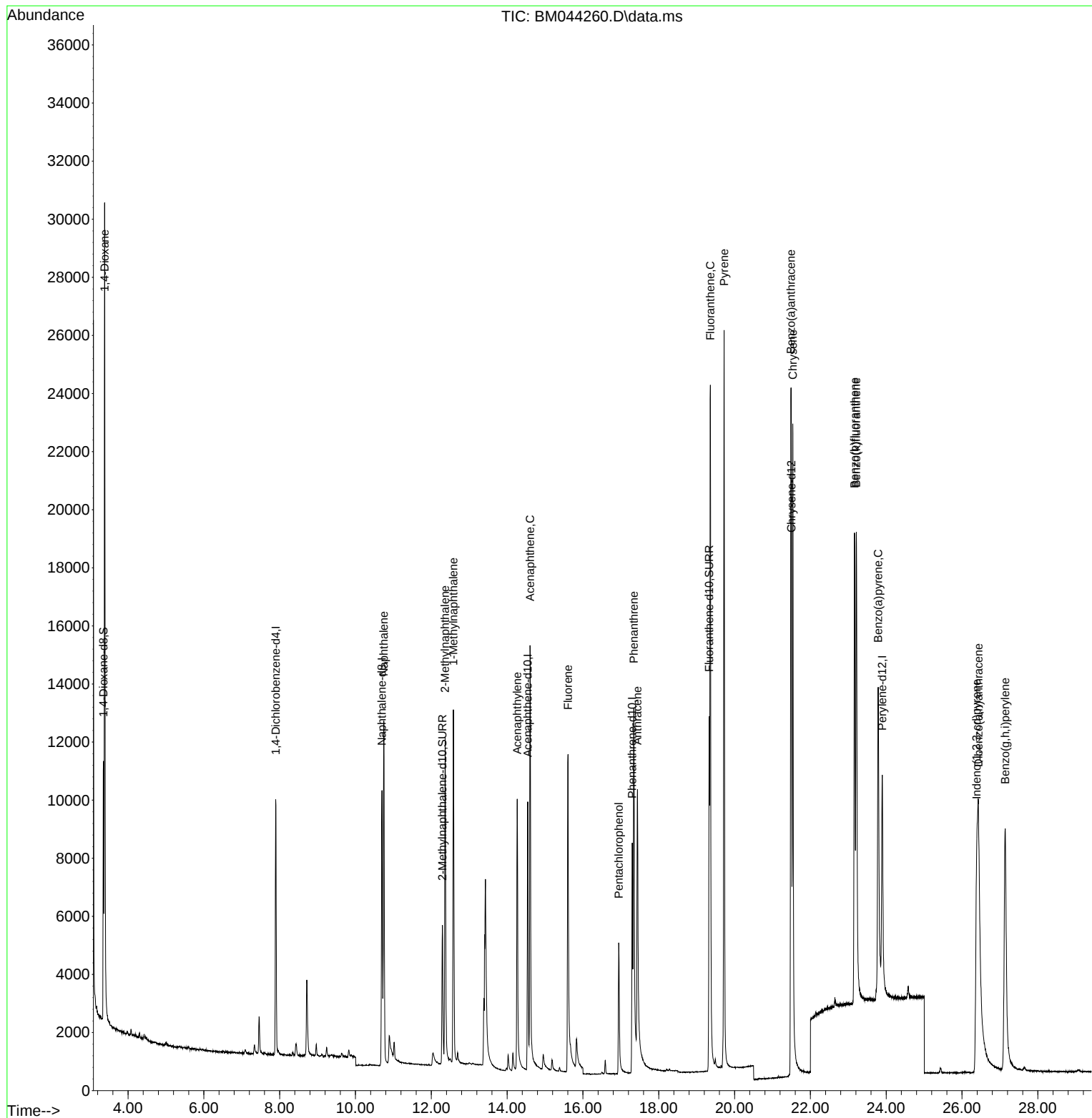
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	4652	0.400	ng/ul	0.00
4) Naphthalene-d8	10.698	136	13608	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.546	164	5837	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	12513	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	11187	0.400	ng/ul	0.00
23) Perylene-d12	23.895	264	12569	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5322	0.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.292	152	7467	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	15037	0.451	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	17139	2.603	ng/ul#	73
5) Naphthalene	10.747	128	16759	0.414	ng/ul	100
7) 2-Methylnaphthalene	12.364	142	9676	0.388	ng/ul	98
8) 1-Methylnaphthalene	12.584	142	9451	0.374	ng/ul	100
10) Acenaphthylene	14.268	152	13912	0.434	ng/ul	99
11) Acenaphthene	14.606	153	9878	0.425	ng/ul	98
12) Fluorene	15.605	166	10360	0.395	ng/ul	99
14) Pentachlorophenol	16.945	266	4069	0.908	ng/ul	99
15) Phenanthrene	17.341	178	17117	0.432	ng/ul	100
16) Anthracene	17.438	178	17835	0.455	ng/ul	100
19) Fluoranthene	19.362	202	22676	0.445	ng/ul	99
20) Pyrene	19.724	202	23964	0.447	ng/ul	98
21) Benzo(a)anthracene	21.486	228	20763	0.405	ng/ul	100
22) Chrysene	21.536	228	25261	0.457	ng/ul	99
24) Benzo(b)fluoranthene	23.164	252	23050	0.444	ng/ul	98
25) Benzo(k)fluoranthene	23.214	252	26741	0.475	ng/ul	98
26) Benzo(a)pyrene	23.790	252	21284	0.441	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.388	276	25075	0.408	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.435	278	19560	0.405	ng/ul	96
29) Benzo(g,h,i)perylene	27.139	276	22889	0.422	ng/ul	98

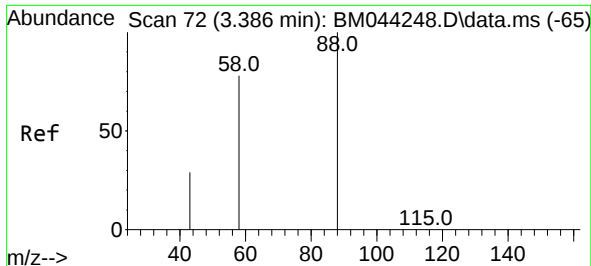
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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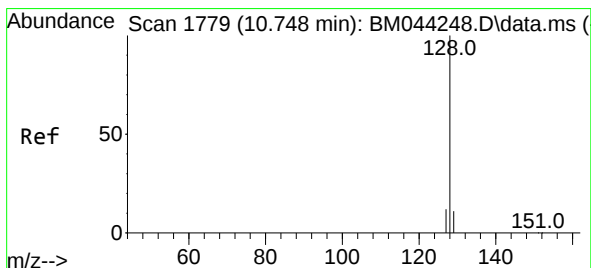
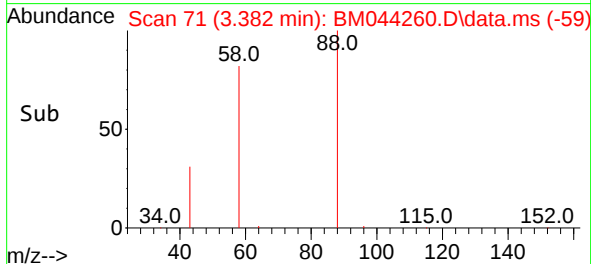
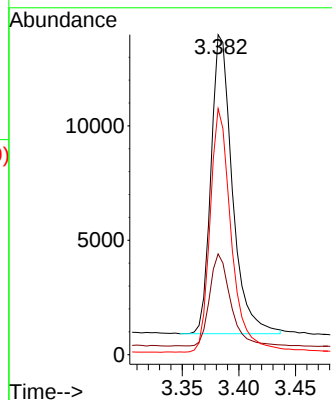
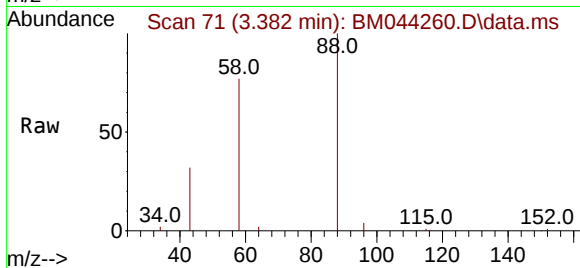




#2
1,4-Dioxane
Concen: 2.603 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.008 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

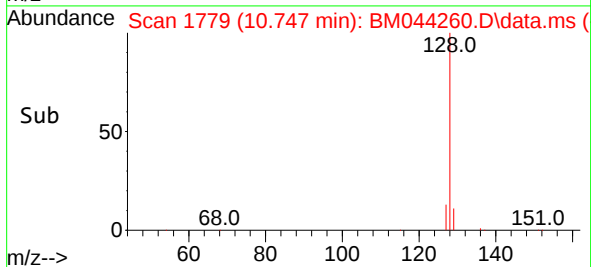
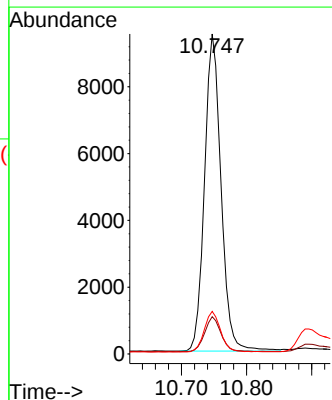
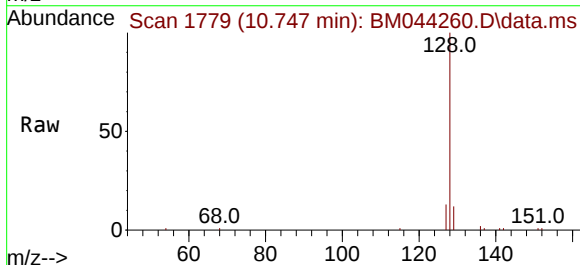
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BNA_M
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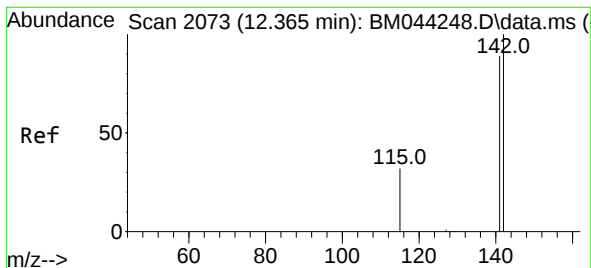
Tgt Ion: 88 Resp: 17139
Ion Ratio Lower Upper
88 100
43 31.5 32.2 48.2#
58 76.9 40.6 60.8#



#5
Naphthalene
Concen: 0.414 ng/ul
RT: 10.747 min Scan# 1779
Delta R.T. -0.007 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

Tgt Ion:128 Resp: 16759
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.3 10.7 16.1

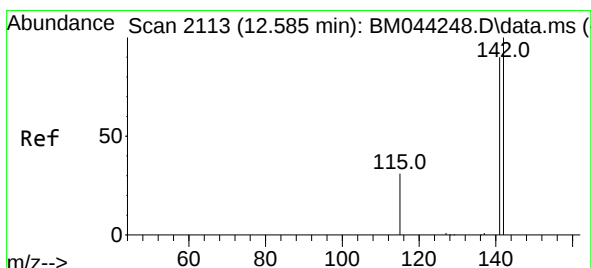
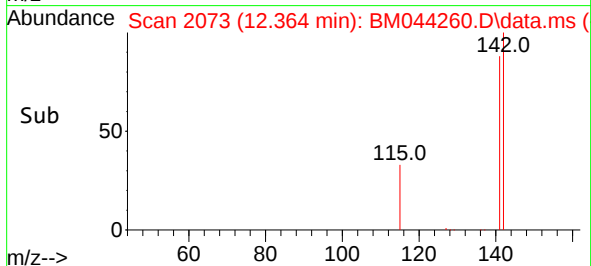
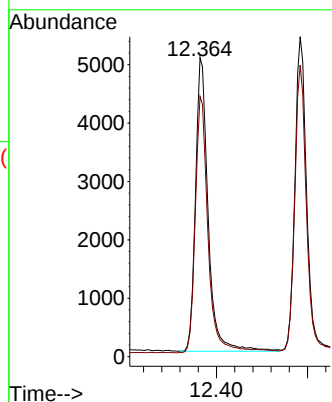
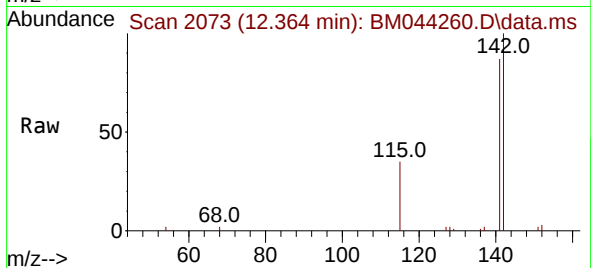




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.364 min Scan# 2073
Delta R.T. -0.007 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

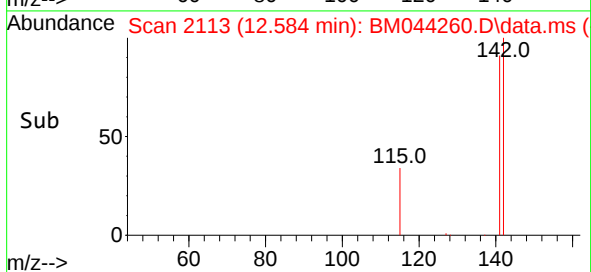
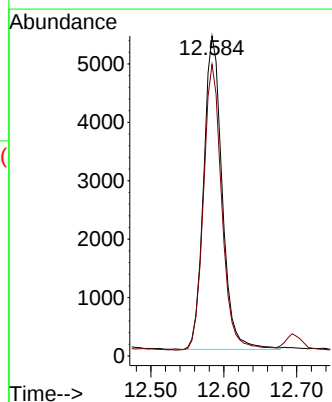
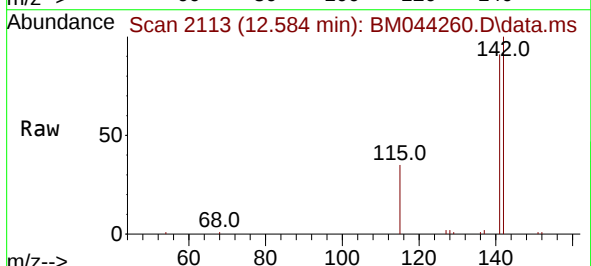
Instrument :
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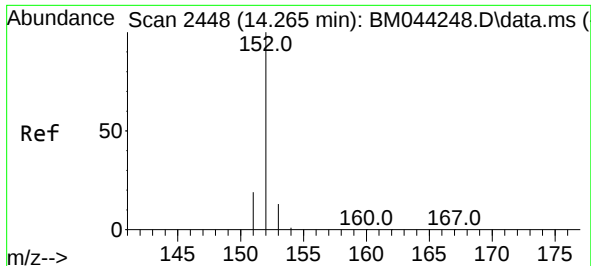
Tgt Ion:142 Resp: 9676
Ion Ratio Lower Upper
142 100
141 89.0 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.584 min Scan# 2113
Delta R.T. -0.007 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

Tgt Ion:142 Resp: 9451
Ion Ratio Lower Upper
142 100
141 90.8 72.5 108.7

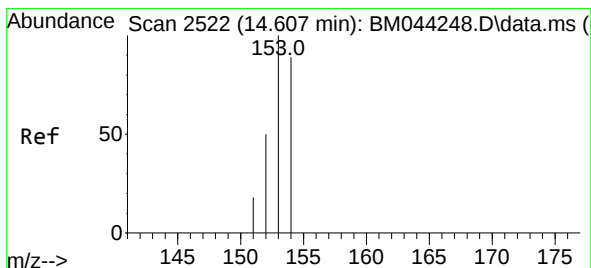
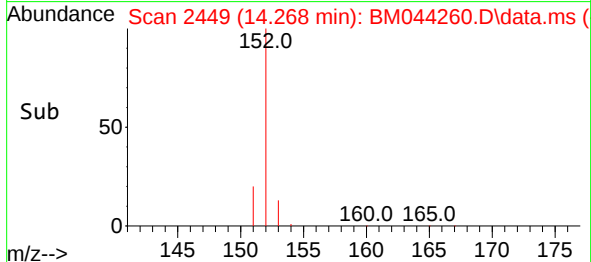
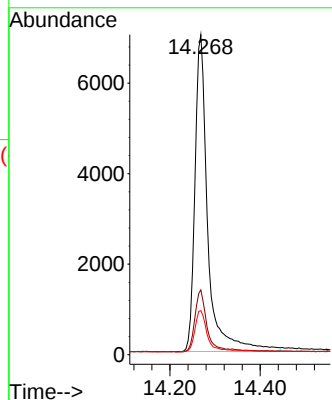
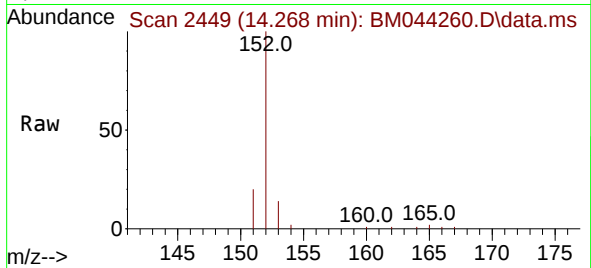




#10
Acenaphthylene
Concen: 0.434 ng/ul
RT: 14.268 min Scan# 2449
Delta R.T. -0.001 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

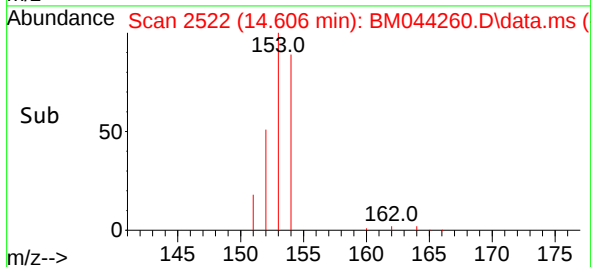
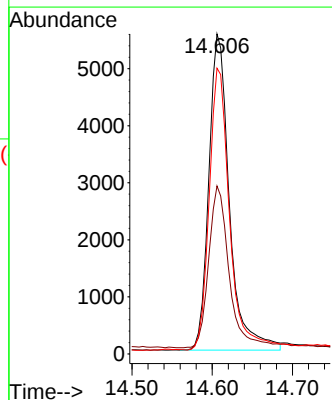
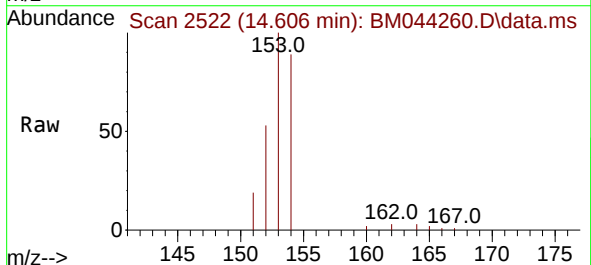
Instrument :
BNA_M
ClientSampleId :
SLCS103

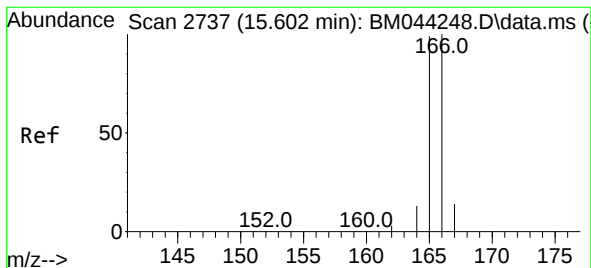
Tgt Ion:152 Resp: 13912
Ion Ratio Lower Upper
152 100
151 20.3 15.5 23.3
153 13.8 10.8 16.2



#11
Acenaphthene
Concen: 0.425 ng/ul
RT: 14.606 min Scan# 2522
Delta R.T. -0.001 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

Tgt Ion:153 Resp: 9878
Ion Ratio Lower Upper
153 100
152 52.5 40.6 61.0
154 89.3 70.1 105.1





#12

Fluorene

Concen: 0.395 ng/ul

RT: 15.605 min Scan# 21

Delta R.T. 0.008 min

Lab File: BM044260.D

Acq: 23 Feb 2024 03:52

Instrument :

BNA_M

ClientSampleId :

SLCS103

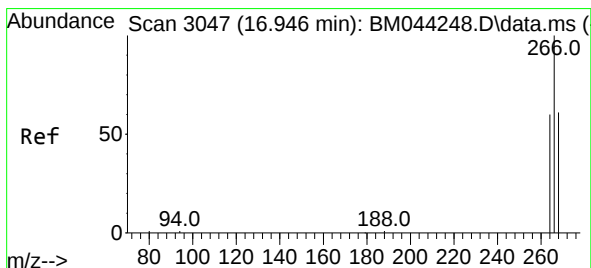
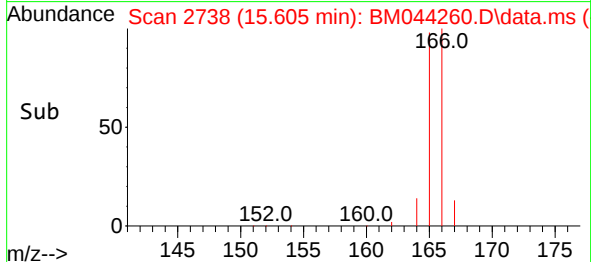
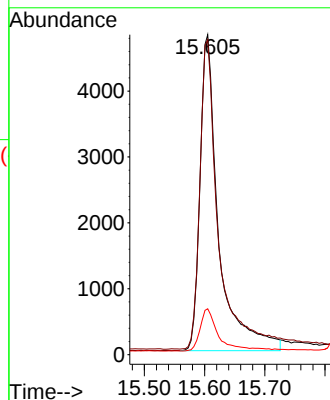
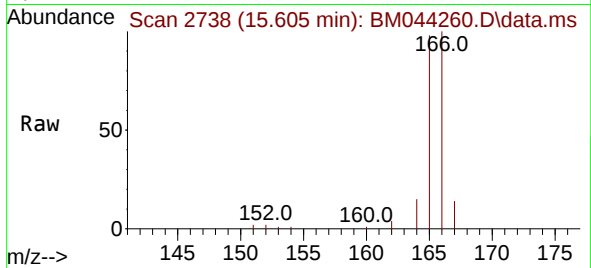
Tgt Ion:166 Resp: 10360

Ion Ratio Lower Upper

166 100

165 98.5 79.8 119.6

167 14.3 11.1 16.7



#14

Pentachlorophenol

Concen: 0.908 ng/ul

RT: 16.945 min Scan# 3047

Delta R.T. -0.001 min

Lab File: BM044260.D

Acq: 23 Feb 2024 03:52

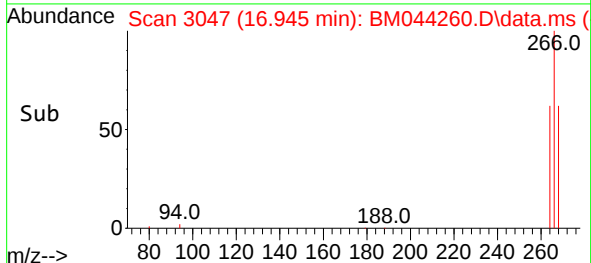
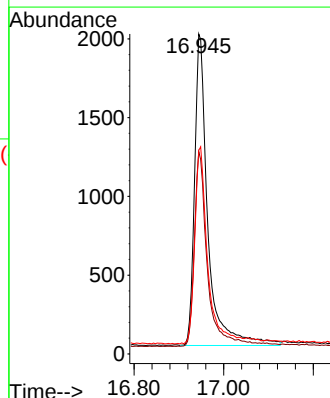
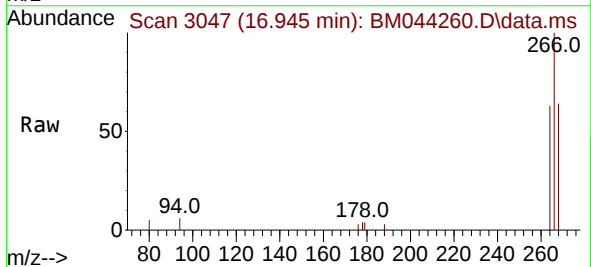
Tgt Ion:266 Resp: 4069

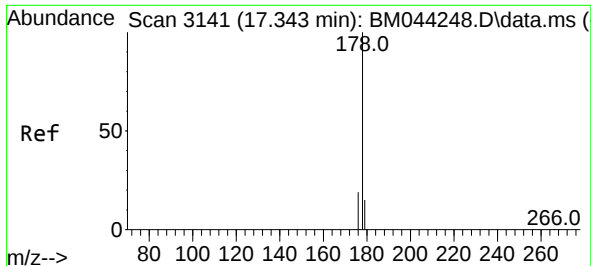
Ion Ratio Lower Upper

266 100

264 62.4 49.4 74.0

268 63.8 52.1 78.1

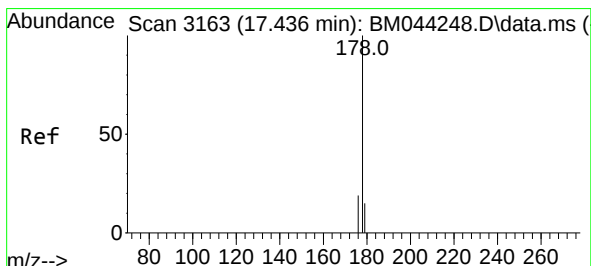
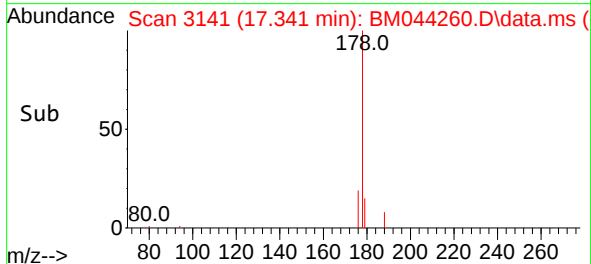
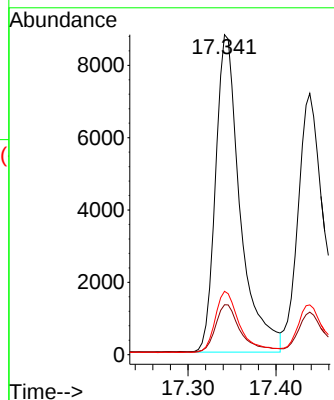
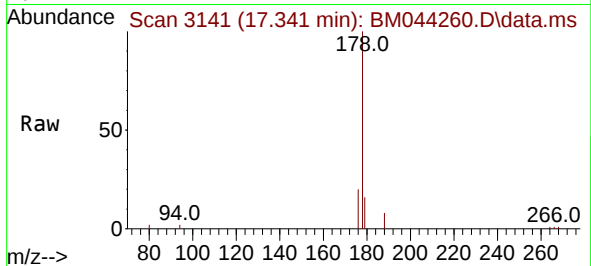




#15
Phenanthrene
Concen: 0.432 ng/u1
RT: 17.341 min Scan# 3141
Delta R.T. 0.003 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

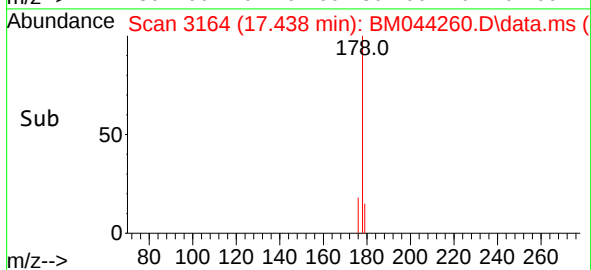
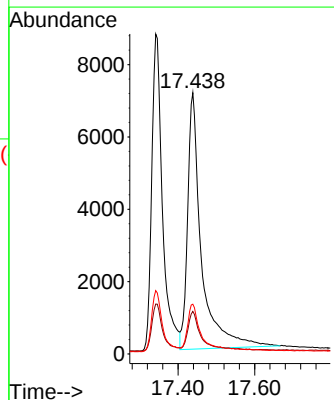
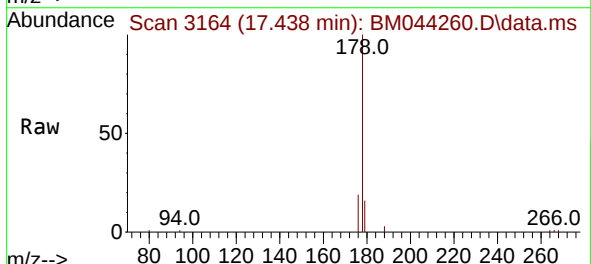
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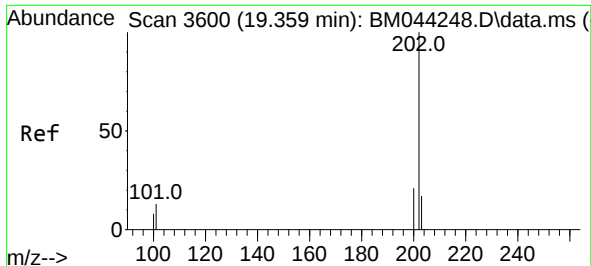
Tgt Ion:	178	Resp:	17117
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	19.0
176	19.8	16.0	24.0



#16
Anthracene
Concen: 0.455 ng/u1
RT: 17.438 min Scan# 3164
Delta R.T. 0.003 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

Tgt Ion:	178	Resp:	17835
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.8	19.2
176	19.1	15.3	22.9

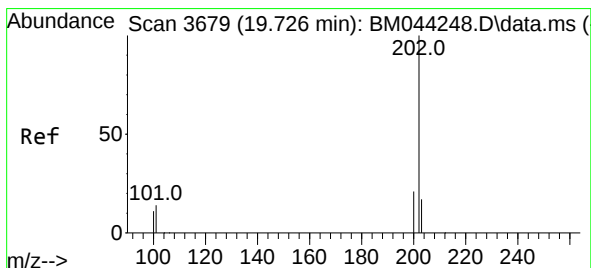
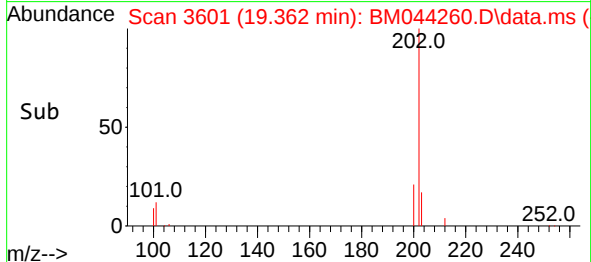
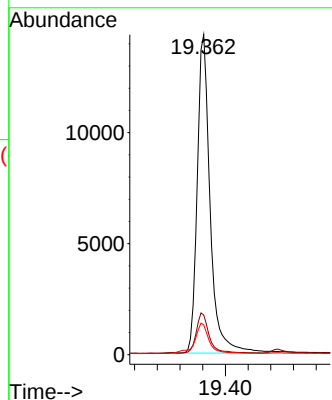
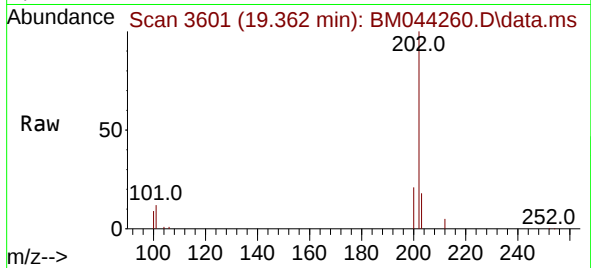




#19
Fluoranthene
Concen: 0.445 ng/ul
RT: 19.362 min Scan# 3601
Delta R.T. -0.002 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

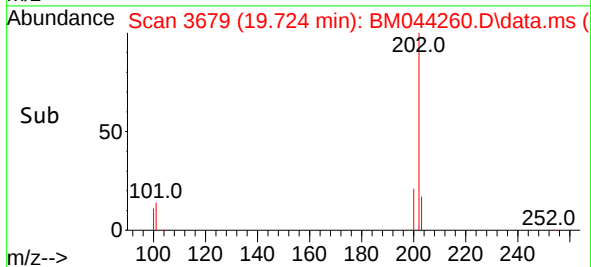
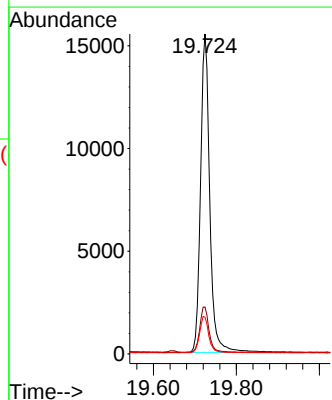
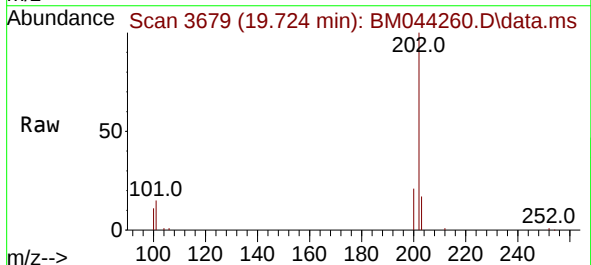
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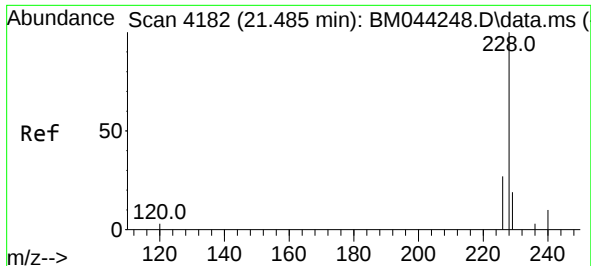
Tgt Ion:202 Resp: 22676
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.6
100 9.3 7.0 10.4



#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.724 min Scan# 3679
Delta R.T. -0.002 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

Tgt Ion:202 Resp: 23964
Ion Ratio Lower Upper
202 100
101 14.7 11.2 16.8
100 11.5 8.6 13.0

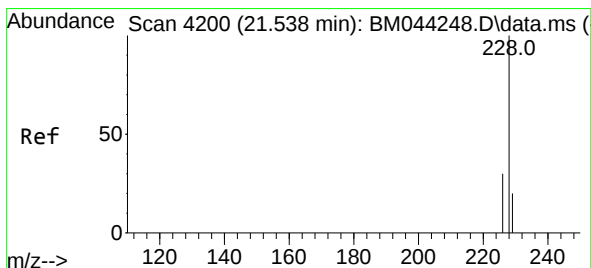
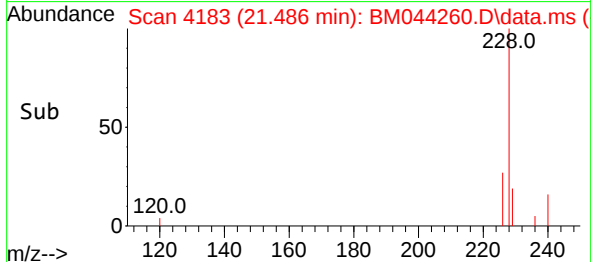
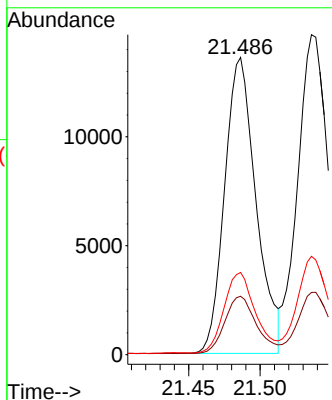
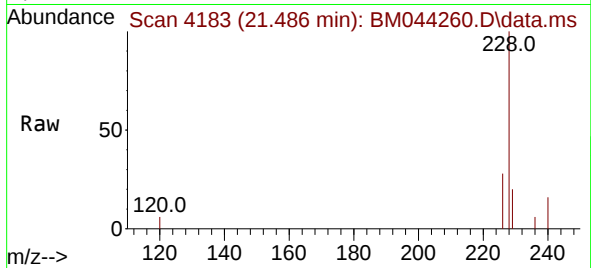




#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.486 min Scan# 4182
Delta R.T. 0.001 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

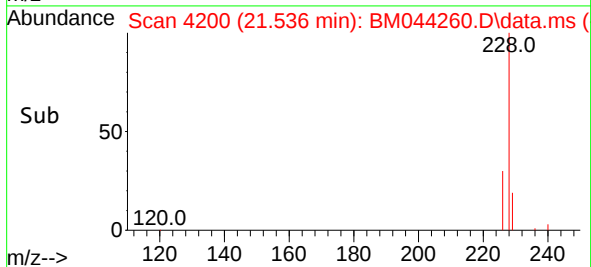
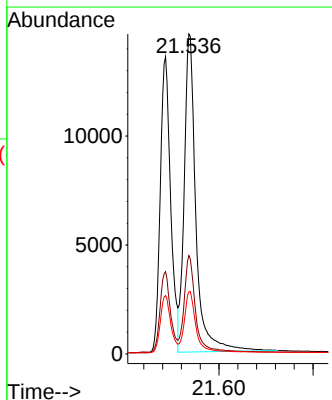
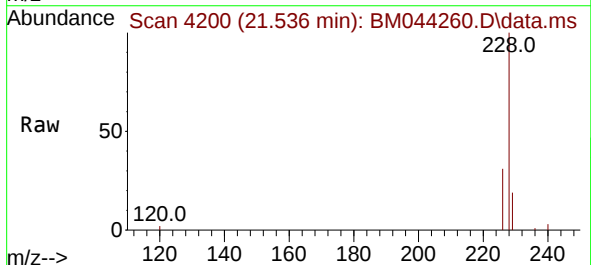
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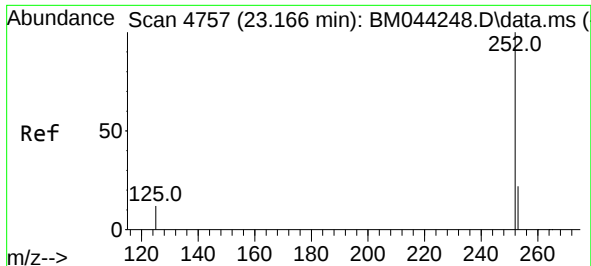
Tgt Ion:228 Resp: 20763
Ion Ratio Lower Upper
228 100
229 19.6 15.4 23.2
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.457 ng/ul
RT: 21.536 min Scan# 4200
Delta R.T. -0.002 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

Tgt Ion:228 Resp: 25261
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 19.4 15.8 23.6

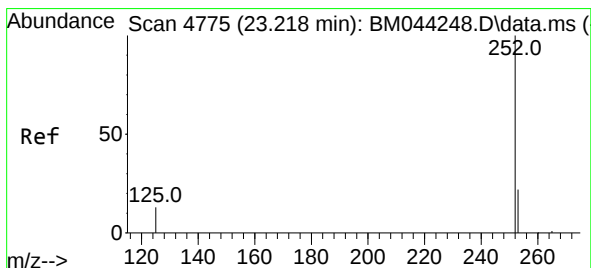
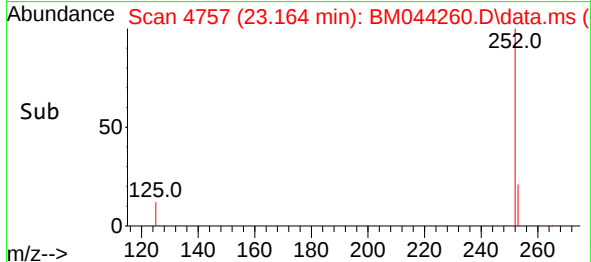
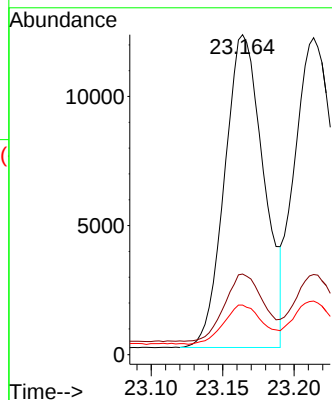
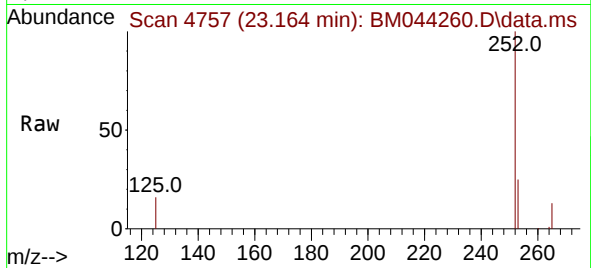




#24
Benzo(b)fluoranthene
Concen: 0.444 ng/ul
RT: 23.164 min Scan# 4757
Delta R.T. 0.001 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

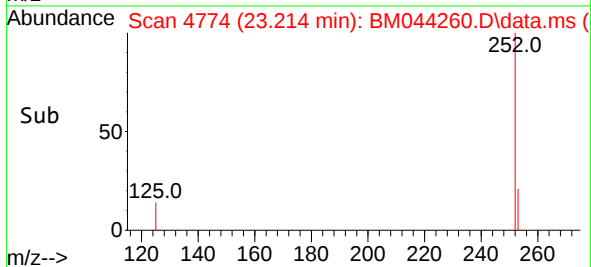
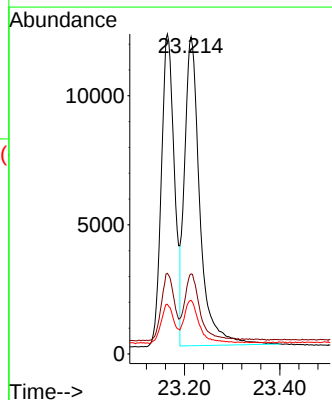
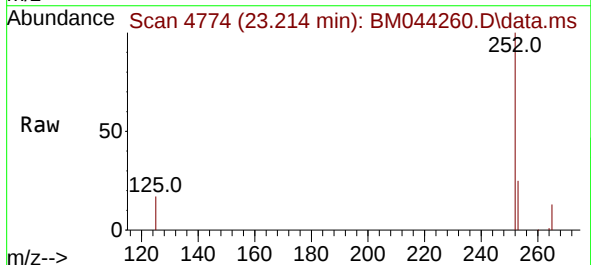
Instrument :
BNA_M
ClientSampleId :
SLCS103

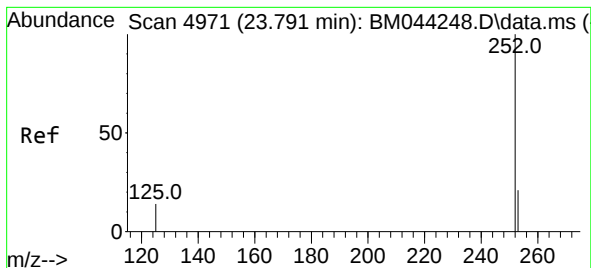
Tgt Ion:252 Resp: 23050
Ion Ratio Lower Upper
252 100
253 25.2 0.0 50.0
125 15.5 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.475 ng/ul
RT: 23.214 min Scan# 4774
Delta R.T. 0.001 min
Lab File: BM044260.D
Acq: 23 Feb 2024 03:52

Tgt Ion:252 Resp: 26741
Ion Ratio Lower Upper
252 100
253 25.3 20.1 30.1
125 16.9 12.3 18.5





#26

Benzo(a)pyrene

Concen: 0.441 ng/ul

RT: 23.790 min Scan# 4971

Delta R.T. 0.004 min

Lab File: BM044260.D

Acq: 23 Feb 2024 03:52

Instrument :

BNA_M

ClientSampleId :

SLCS103

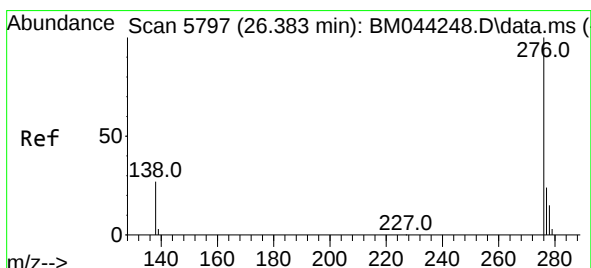
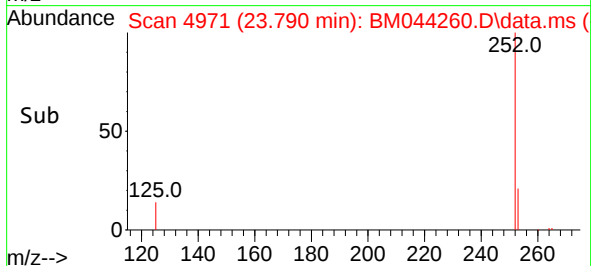
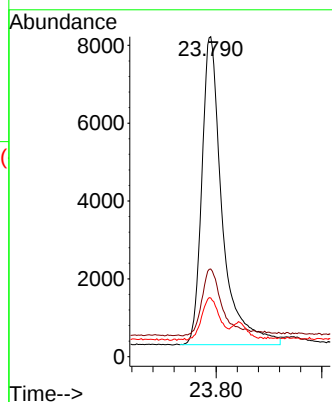
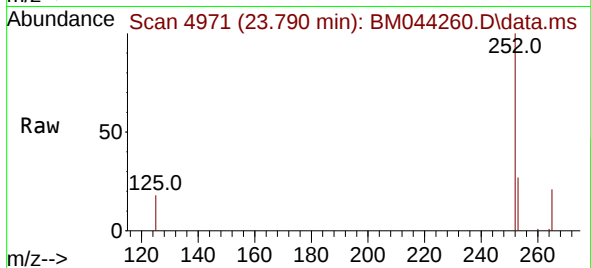
Tgt Ion:252 Resp: 21284

Ion Ratio Lower Upper

252 100

253 27.4 21.4 32.2

125 18.4 13.3 19.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.408 ng/ul

RT: 26.388 min Scan# 5799

Delta R.T. 0.018 min

Lab File: BM044260.D

Acq: 23 Feb 2024 03:52

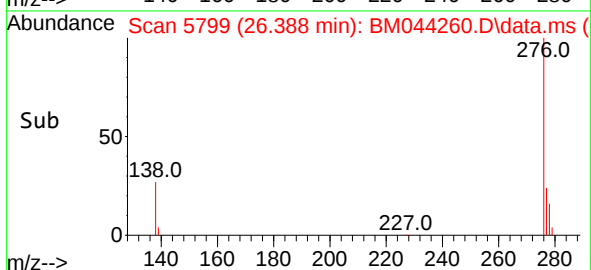
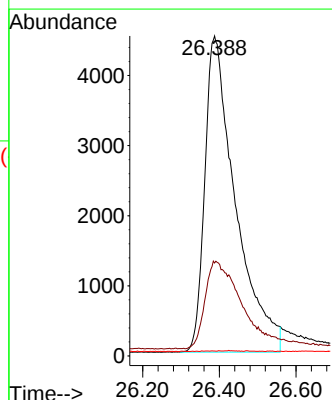
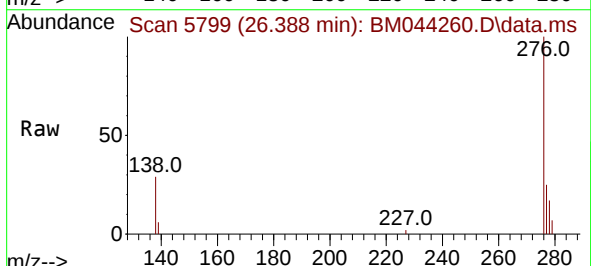
Tgt Ion:276 Resp: 25075

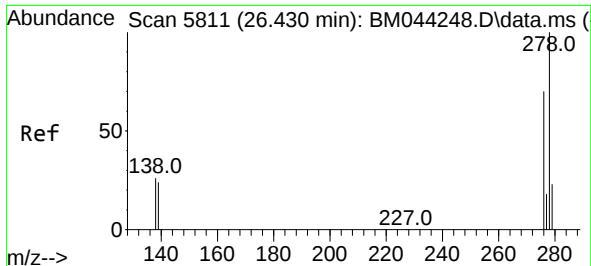
Ion Ratio Lower Upper

276 100

138 33.0 25.2 37.8

227 0.0 0.1 0.1#

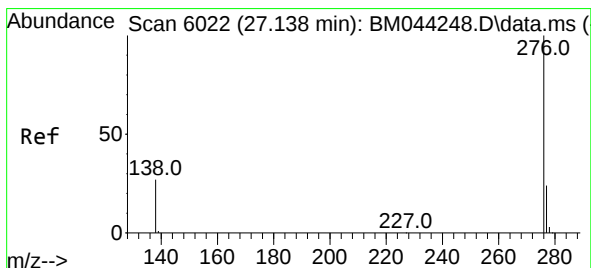
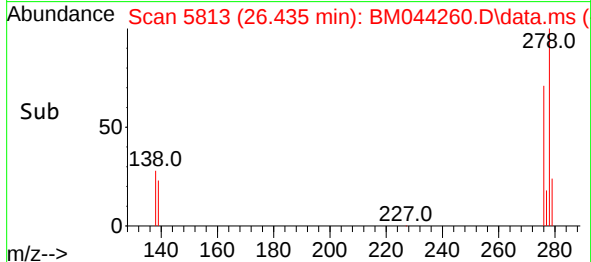
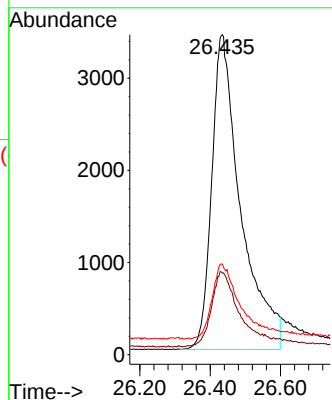
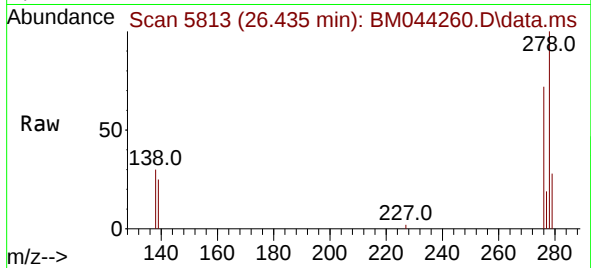




#28
 Dibenzo(a,h)anthracene
 Concen: 0.405 ng/ul
 RT: 26.435 min Scan# 5813
 Delta R.T. 0.025 min
 Lab File: BM044260.D
 Acq: 23 Feb 2024 03:52

Instrument :
 BNA_M
 ClientSampleId :
 SLCS103

Tgt Ion:278 Resp: 19560
 Ion Ratio Lower Upper
 278 100
 139 25.4 17.8 26.8
 279 28.3 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.422 ng/ul
 RT: 27.139 min Scan# 6023
 Delta R.T. 0.011 min
 Lab File: BM044260.D
 Acq: 23 Feb 2024 03:52

Tgt Ion:276 Resp: 22889
 Ion Ratio Lower Upper
 276 100
 138 29.7 22.7 34.1
 277 24.1 19.0 28.6

