

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040824\
 Data File : BM045074.D
 Acq On : 09 Apr 2024 12:04
 Operator : MA/JU
 Sample : PB160065BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS065

Quant Time: Apr 09 12:42:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 09 02:13:29 2024
 Response via : Initial Calibration

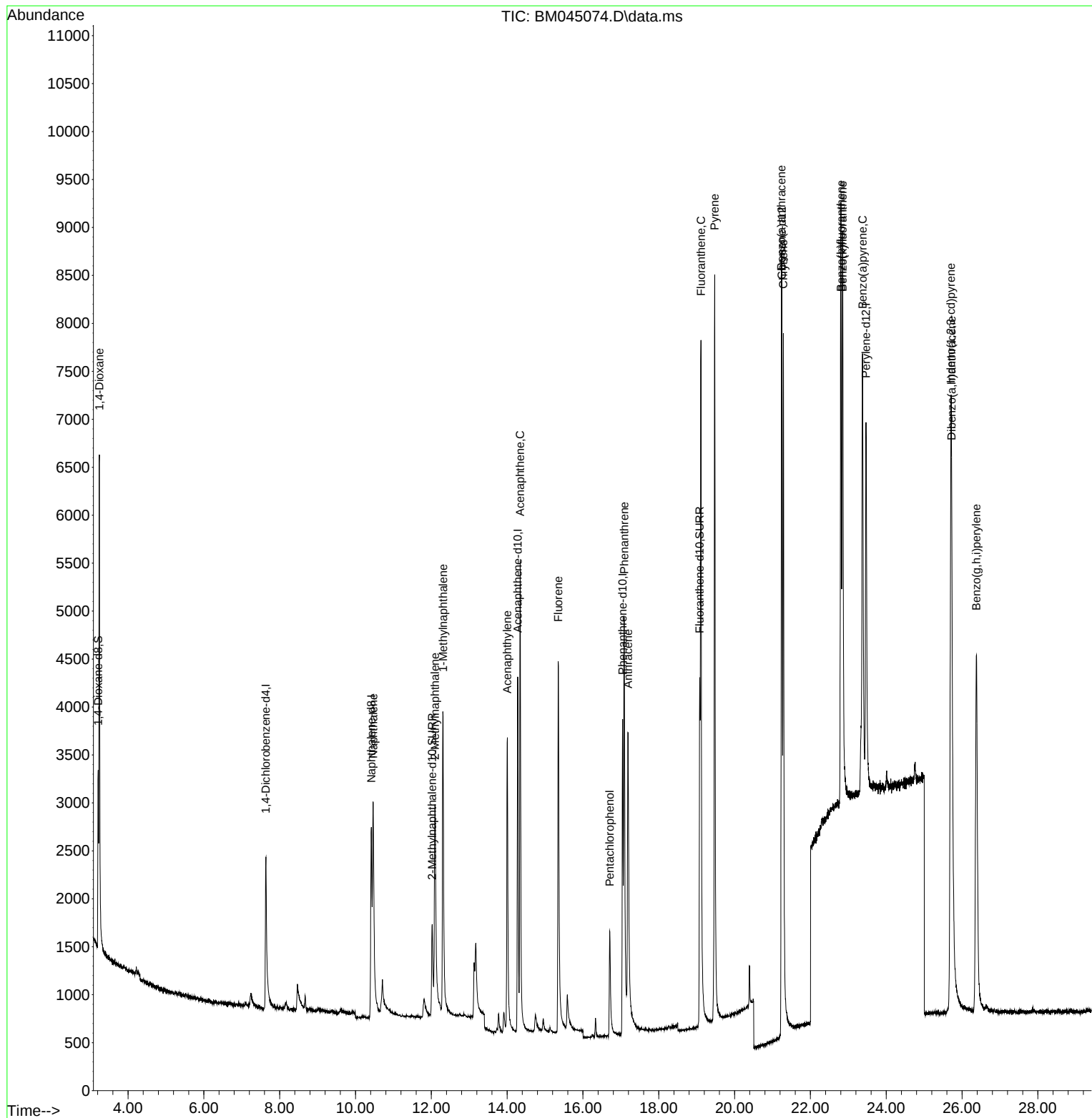
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1441	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.418	136	4707	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.279	164	2499	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.047	188	5492	0.400	ng/ul	0.00
17) Chrysene-d12	21.249	240	4714	0.400	ng/ul	-0.01
23) Perylene-d12	23.467	264	5699	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	1254	0.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.024	152	2309	0.362	ng/ul	-0.01
18) Fluoranthene-d10	19.080	212	5443	0.457	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	3649	2.011	ng/ul#	80
5) Naphthalene	10.468	128	4706	0.377	ng/ul	99
7) 2-Methylnaphthalene	12.096	142	2885	0.387	ng/ul	99
8) 1-Methylnaphthalene	12.310	142	2995	0.368	ng/ul	97
10) Acenaphthylene	14.006	152	4945	0.397	ng/ul	99
11) Acenaphthene	14.344	153	3522	0.395	ng/ul	100
12) Fluorene	15.352	166	3855	0.385	ng/ul	99
14) Pentachlorophenol	16.705	266	1185	0.920	ng/ul	95
15) Phenanthrene	17.089	178	6075	0.393	ng/ul	99
16) Anthracene	17.191	178	6342	0.416	ng/ul	98
19) Fluoranthene	19.112	202	7934	0.471	ng/ul	100
20) Pyrene	19.475	202	8299	0.467	ng/ul	99
21) Benzo(a)anthracene	21.237	228	6900	0.420	ng/ul	97
22) Chrysene	21.286	228	8558	0.418	ng/ul	99
24) Benzo(b)fluoranthene	22.803	252	8376	0.407	ng/ul	95
25) Benzo(k)fluoranthene	22.847	252	9679	0.420	ng/ul	95
26) Benzo(a)pyrene	23.376	252	8161	0.415	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.706	276	11012	0.409	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.726	278	8651	0.406	ng/ul	93
29) Benzo(g,h,i)perylene	26.380	276	9493	0.409	ng/ul	96

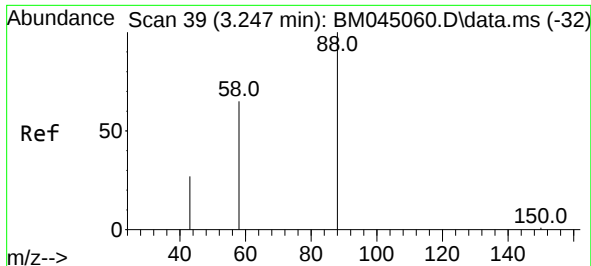
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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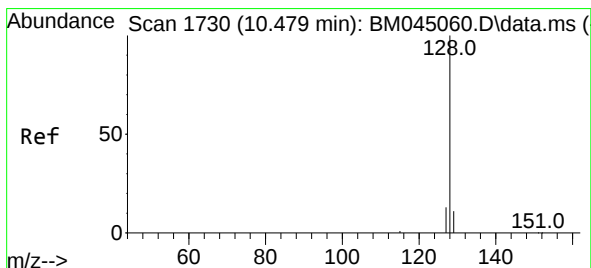
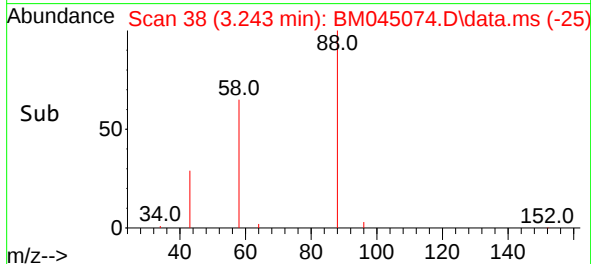
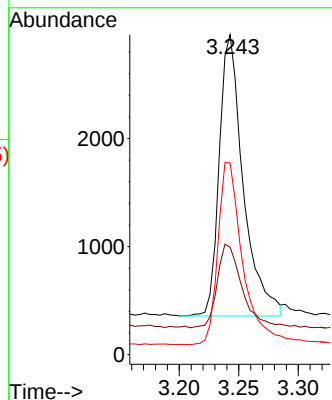
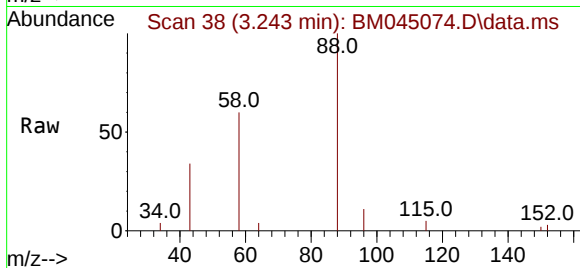




#2
1,4-Dioxane
Concen: 2.011 ng/ul
RT: 3.243 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

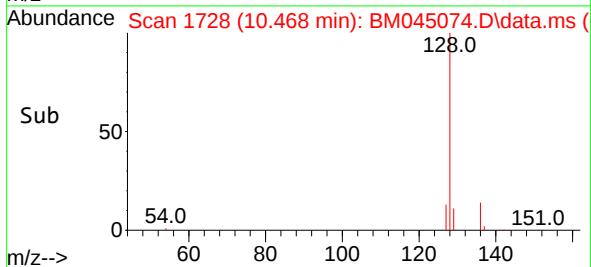
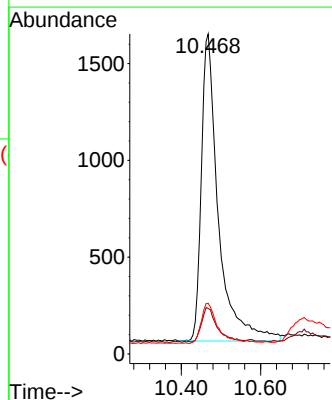
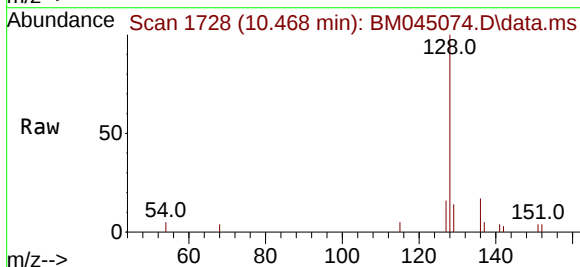
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BNA_M
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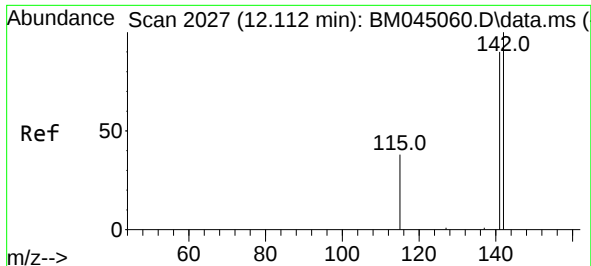
Tgt Ion: 88 Resp: 3649
Ion Ratio Lower Upper
88 100
43 33.6 30.6 46.0
58 59.9 32.6 48.8#



#5
Naphthalene
Concen: 0.377 ng/ul
RT: 10.468 min Scan# 1728
Delta R.T. -0.017 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

Tgt Ion:128 Resp: 4706
Ion Ratio Lower Upper
128 100
129 14.2 11.3 16.9
127 15.8 11.9 17.9

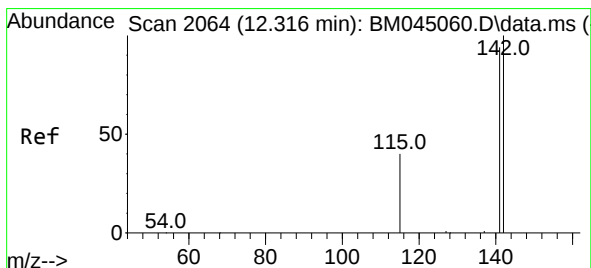
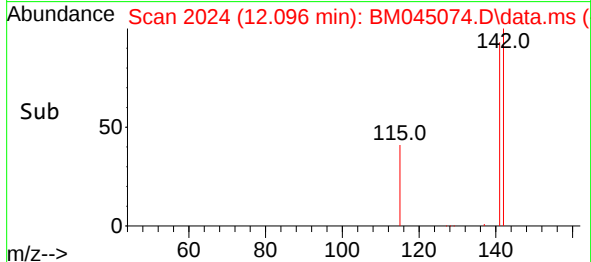
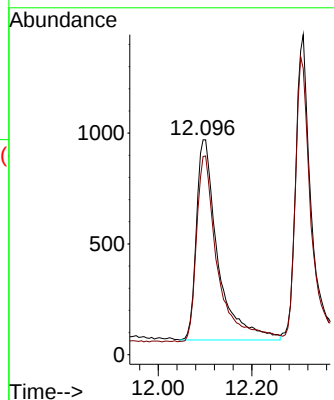
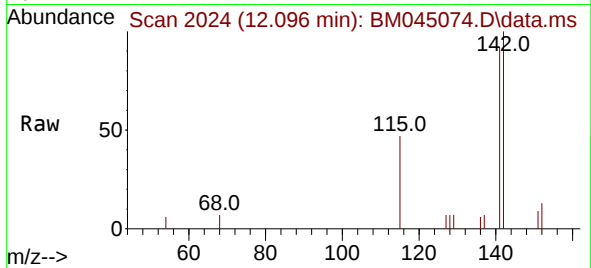




#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.096 min Scan# 2027
Delta R.T. -0.017 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

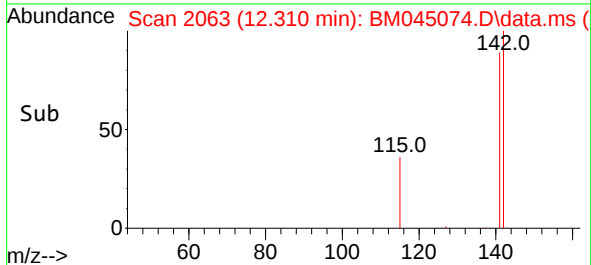
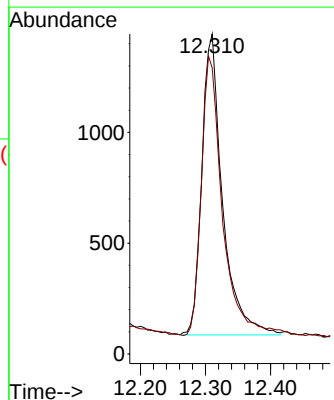
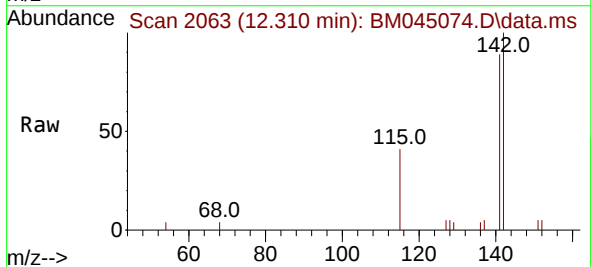
Instrument :
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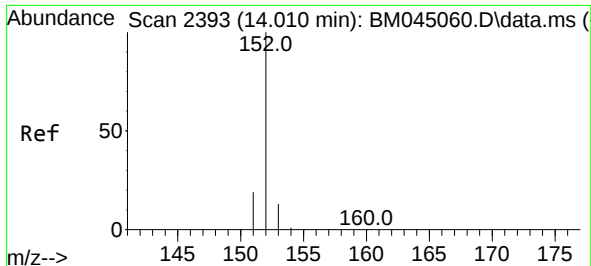
Tgt Ion:142 Resp: 2885
Ion Ratio Lower Upper
142 100
141 93.2 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.310 min Scan# 2063
Delta R.T. -0.011 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

Tgt Ion:142 Resp: 2995
Ion Ratio Lower Upper
142 100
141 95.1 74.2 111.2

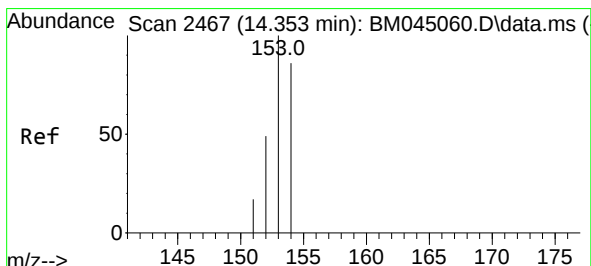
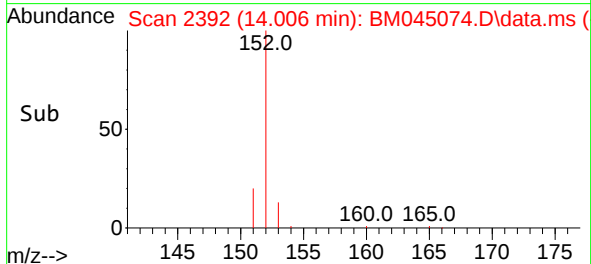
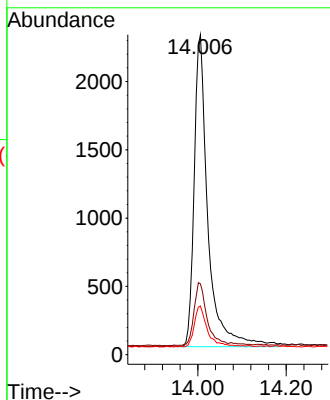
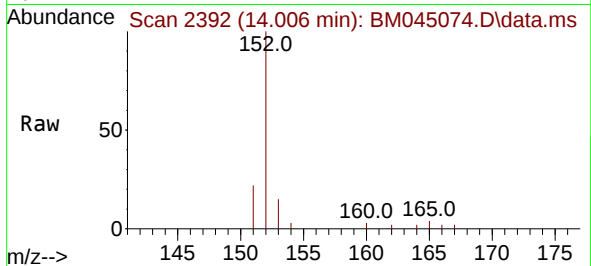




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.006 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

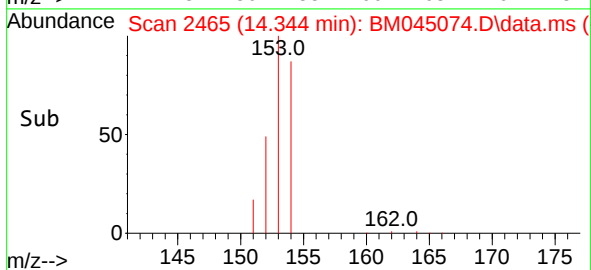
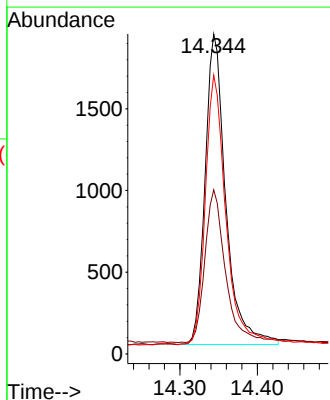
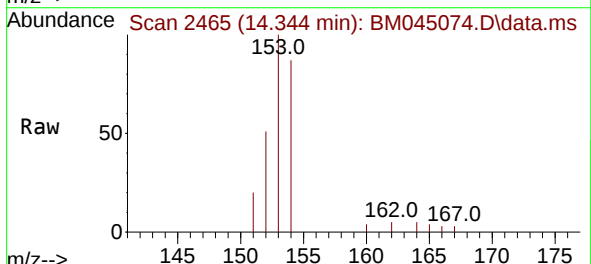
Instrument :
BNA_M
ClientSampleId :
SLCS065

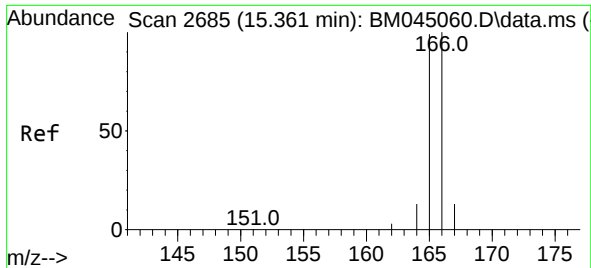
Tgt Ion:	152	Resp:	4945
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.0	25.4
153	15.2	11.9	17.9



#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.344 min Scan# 2465
Delta R.T. -0.009 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

Tgt Ion:	153	Resp:	3522
Ion Ratio	Lower	Upper	
153	100		
152	51.3	41.2	61.8
154	87.1	69.4	104.0

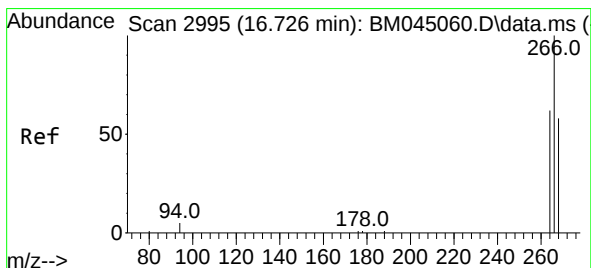
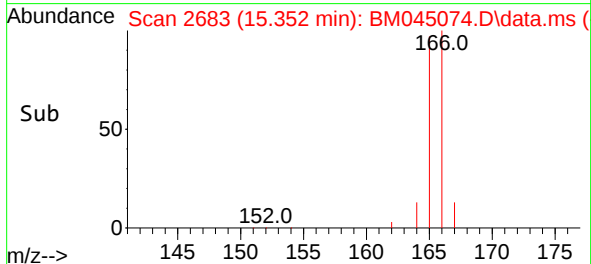
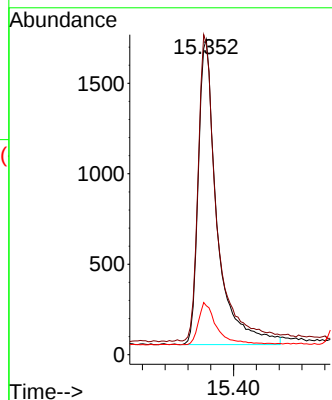
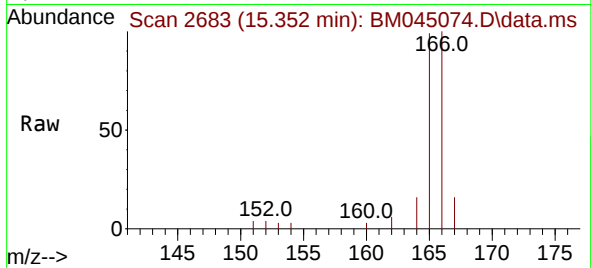




#12
Fluorene
Concen: 0.385 ng/ul
RT: 15.352 min Scan# 2090
Delta R.T. -0.009 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

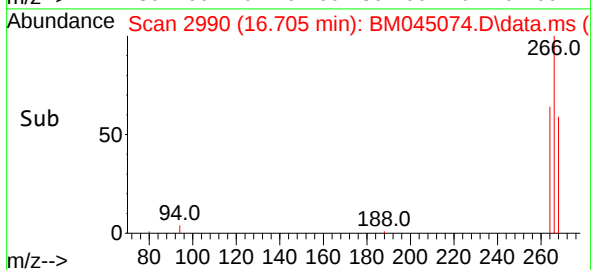
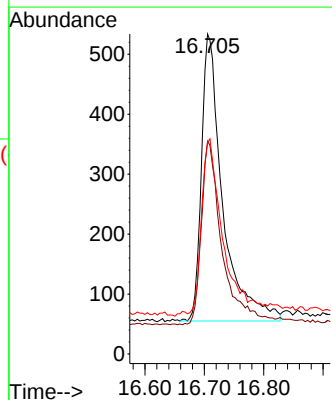
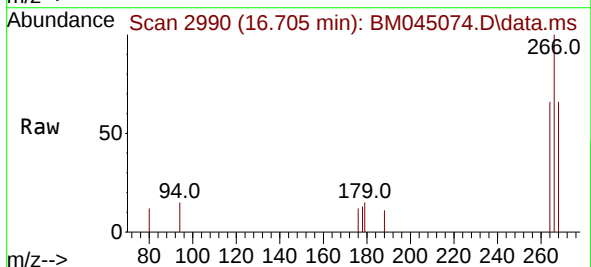
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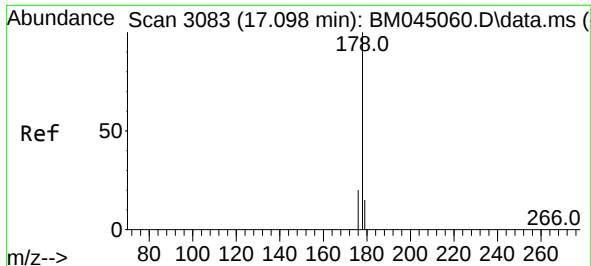
Tgt Ion:166 Resp: 3855
Ion Ratio Lower Upper
166 100
165 98.6 79.9 119.9
167 15.5 12.2 18.2



#14
Pentachlorophenol
Concen: 0.920 ng/ul
RT: 16.705 min Scan# 2990
Delta R.T. -0.026 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

Tgt Ion:266 Resp: 1185
Ion Ratio Lower Upper
266 100
264 65.7 48.3 72.5
268 64.1 52.6 79.0

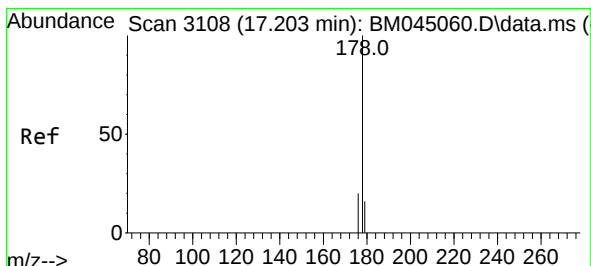
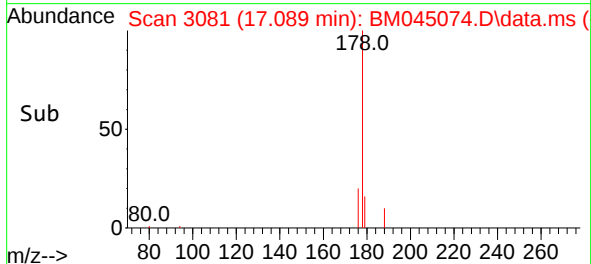
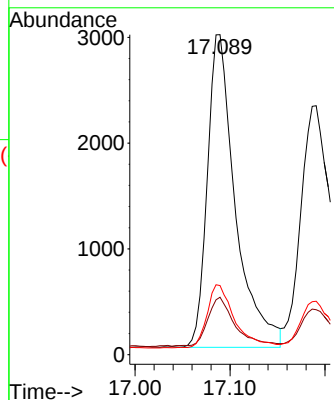
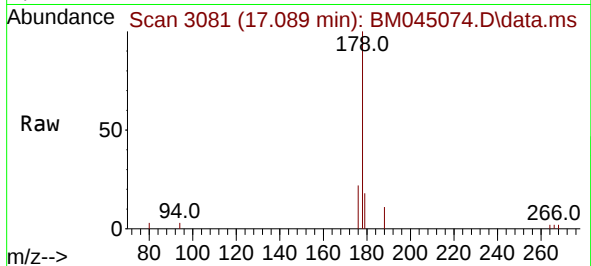




#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.089 min Scan# 3083
Delta R.T. -0.013 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

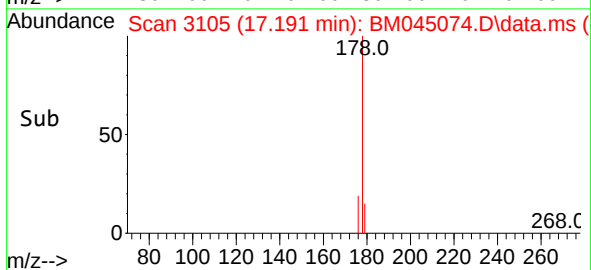
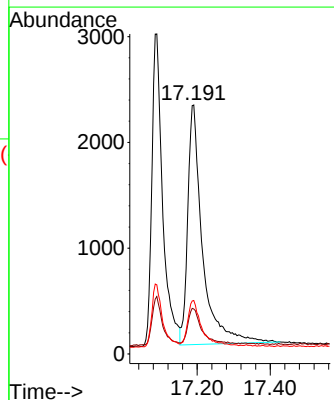
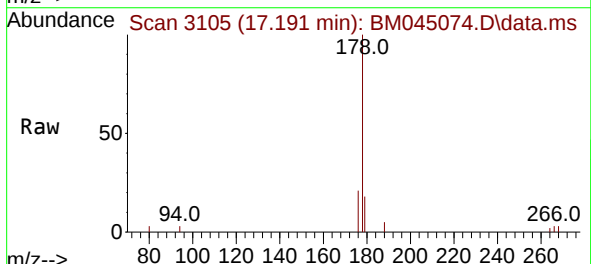
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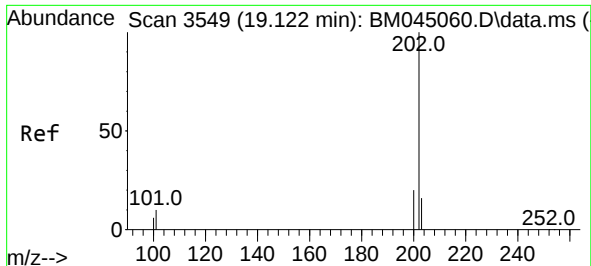
Tgt Ion:	178	Resp:	6075
Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.7	20.5
176	21.6	17.0	25.4



#16
Anthracene
Concen: 0.416 ng/ul
RT: 17.191 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

Tgt Ion:	178	Resp:	6342
Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.8	20.8
176	21.5	16.2	24.4

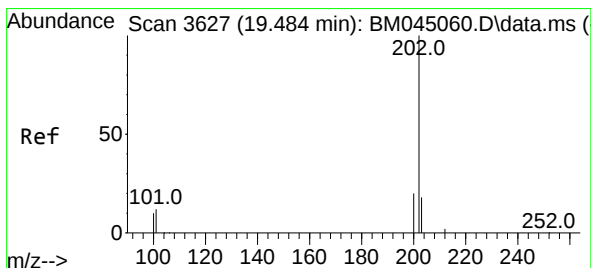
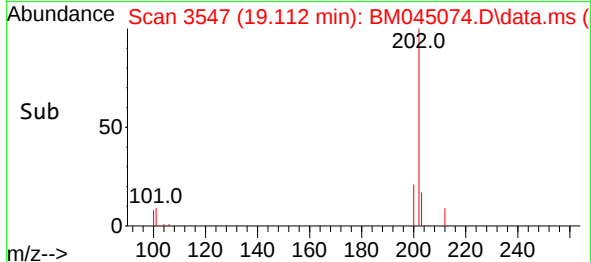
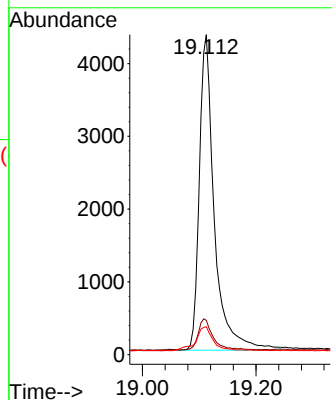
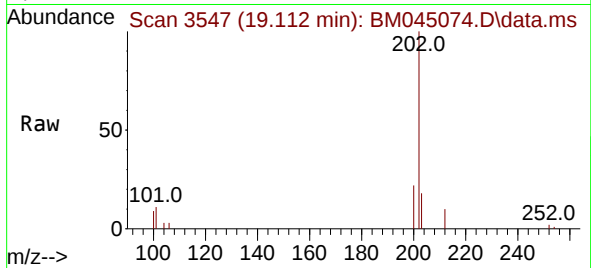




#19
Fluoranthene
Concen: 0.471 ng/ul
RT: 19.112 min Scan# 3547
Delta R.T. -0.009 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

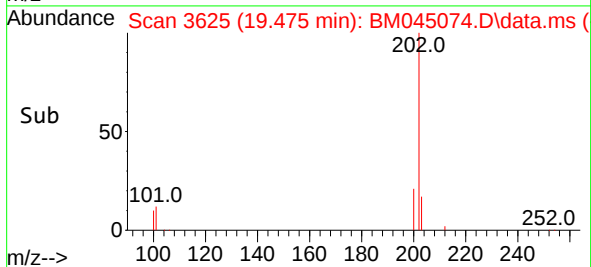
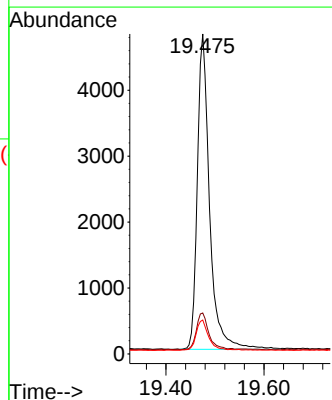
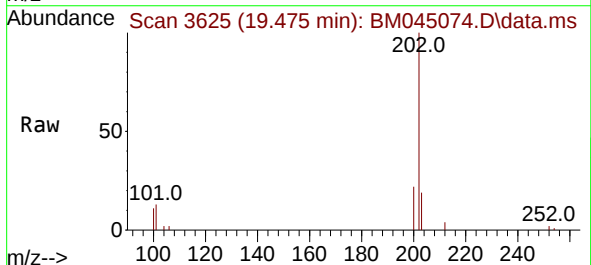
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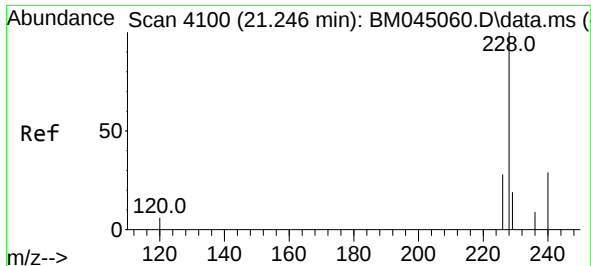
Tgt Ion:202 Resp: 7934
Ion Ratio Lower Upper
202 100
101 10.8 8.8 13.2
100 8.7 7.0 10.4



#20
Pyrene
Concen: 0.467 ng/ul
RT: 19.475 min Scan# 3625
Delta R.T. -0.009 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

Tgt Ion:202 Resp: 8299
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
100 10.6 8.1 12.1

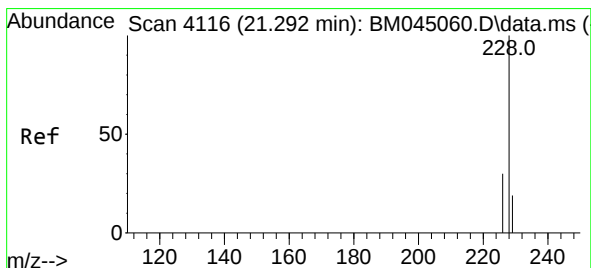
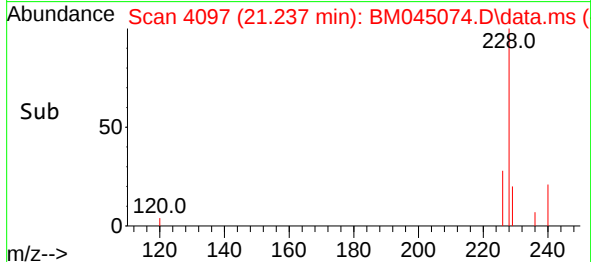
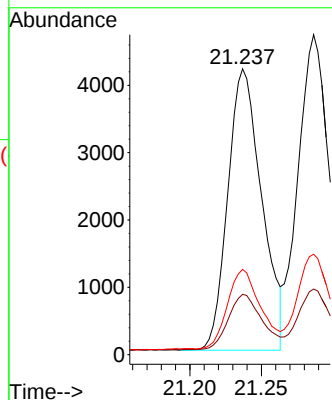
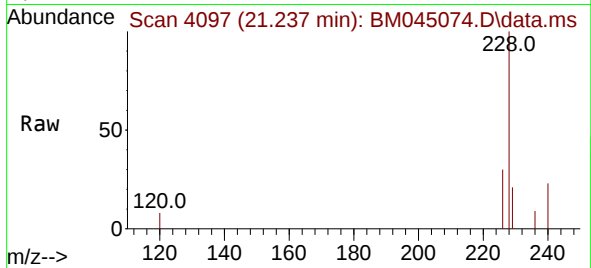




#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.237 min Scan# 4097
Delta R.T. -0.012 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

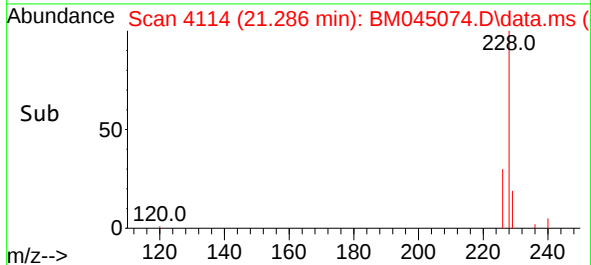
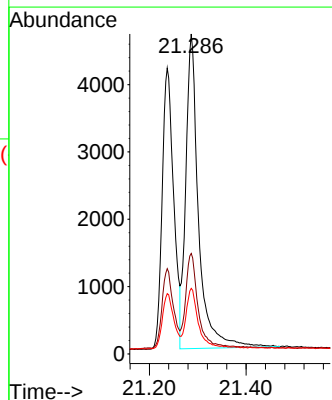
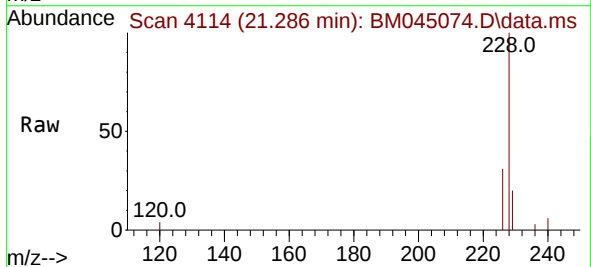
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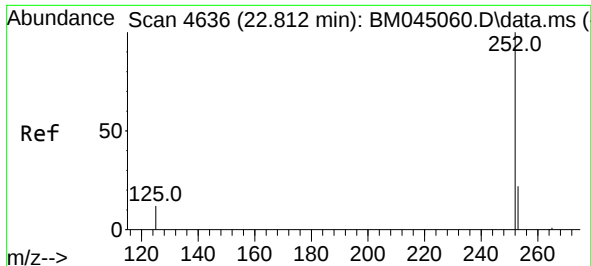
Tgt Ion:228 Resp: 6900
Ion Ratio Lower Upper
228 100
229 21.1 16.4 24.6
226 29.8 22.3 33.5



#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.286 min Scan# 4114
Delta R.T. -0.012 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

Tgt Ion:228 Resp: 8558
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 20.5 15.9 23.9

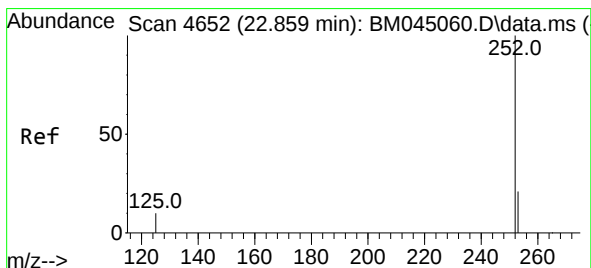
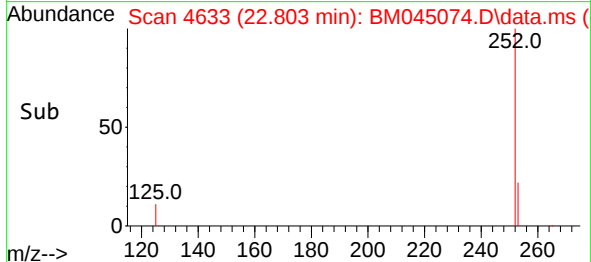
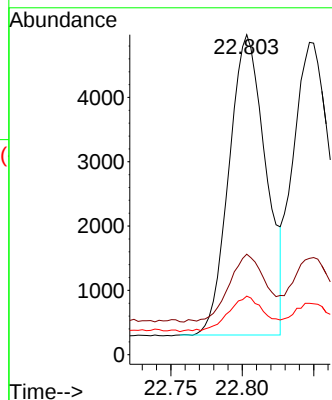
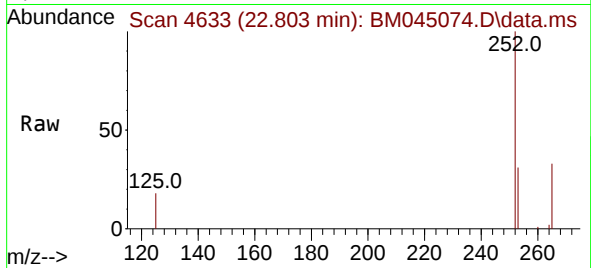




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 22.803 min Scan# 4633
Delta R.T. -0.015 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

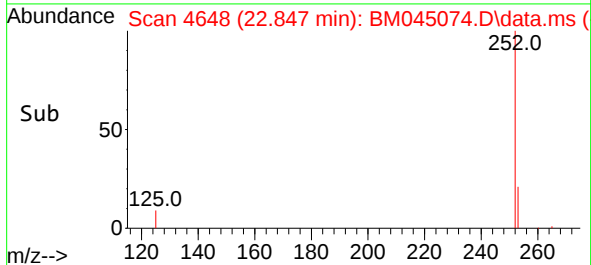
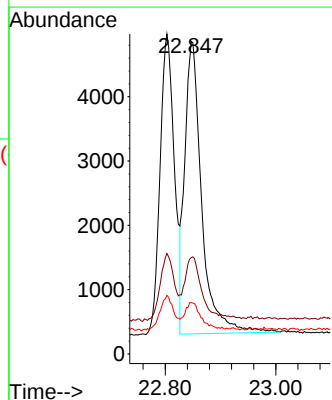
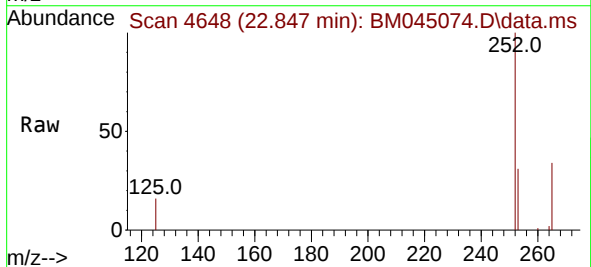
Instrument :
BNA_M
ClientSampleId :
SLCS065

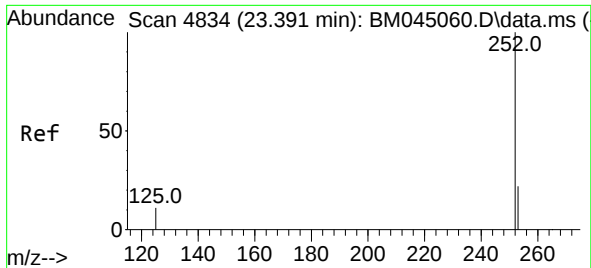
Tgt Ion:252 Resp: 8376
Ion Ratio Lower Upper
252 100
253 31.4 0.0 56.4
125 18.3 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 22.847 min Scan# 4648
Delta R.T. -0.015 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

Tgt Ion:252 Resp: 9679
Ion Ratio Lower Upper
252 100
253 30.8 22.3 33.5
125 16.5 11.6 17.4

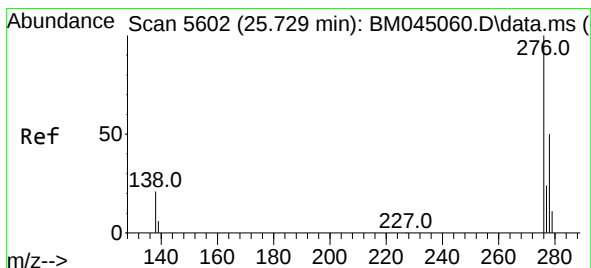
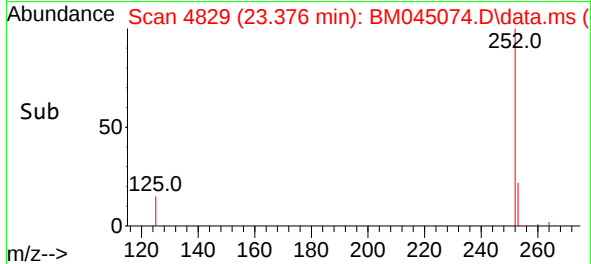
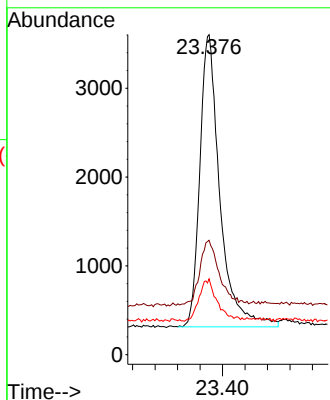
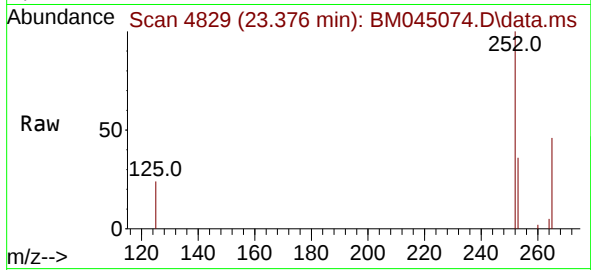




#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.376 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

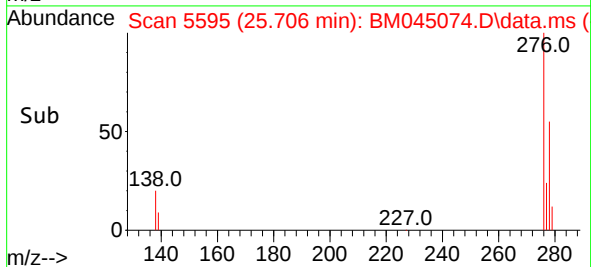
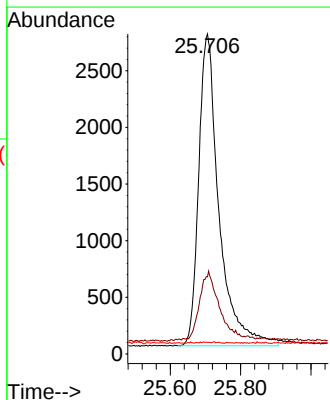
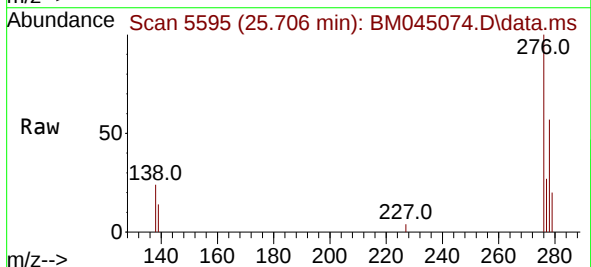
Instrument :
BNA_M
ClientSampleId :
SLCS065

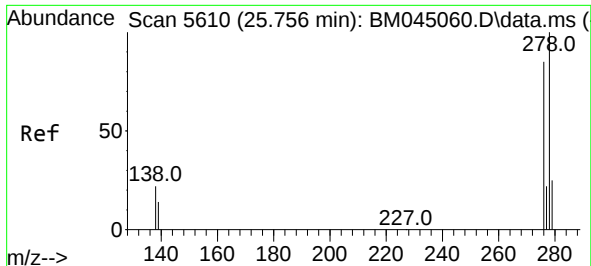
Tgt Ion:	252	Resp:	8161
Ion Ratio	Lower	Upper	
252	100		
253	35.7	24.6	37.0
125	23.7	18.2	27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 25.706 min Scan# 5595
Delta R.T. -0.034 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

Tgt Ion:	276	Resp:	11012
Ion Ratio	Lower	Upper	
276	100		
138	20.9	0.0	0.0#
227	0.1	0.1	0.1#

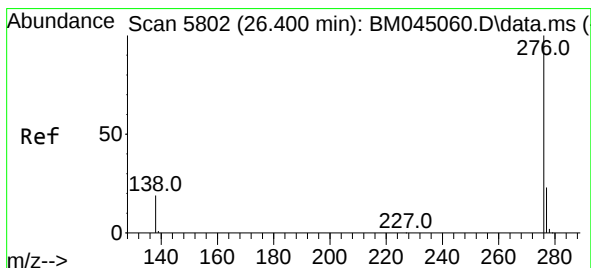
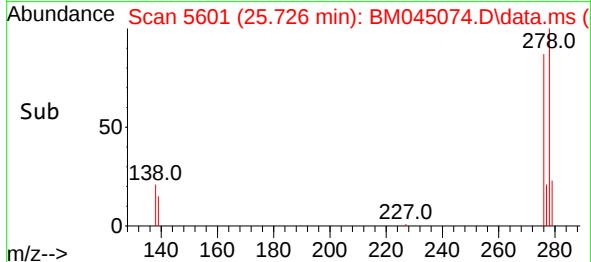
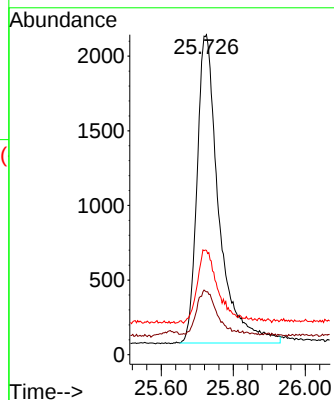
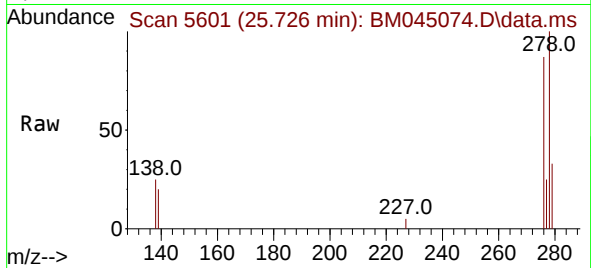




#28
Dibenzo(a,h)anthracene
Concen: 0.406 ng/ul
RT: 25.726 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

Instrument :
BNA_M
ClientSampleId :
SLCS065

Tgt Ion:278 Resp: 8651
Ion Ratio Lower Upper
278 100
139 19.7 13.6 20.4
279 32.6 23.0 34.4



#29
Benzo(g,h,i)perylene
Concen: 0.409 ng/ul
RT: 26.380 min Scan# 5796
Delta R.T. -0.027 min
Lab File: BM045074.D
Acq: 09 Apr 2024 12:04

Tgt Ion:276 Resp: 9493
Ion Ratio Lower Upper
276 100
138 23.3 16.8 25.2
277 26.7 20.3 30.5

