

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046073.D
 Acq On : 19 Jun 2024 05:06
 Operator : MA/JU
 Sample : PB161358BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS358

Quant Time: Jun 19 08:26:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

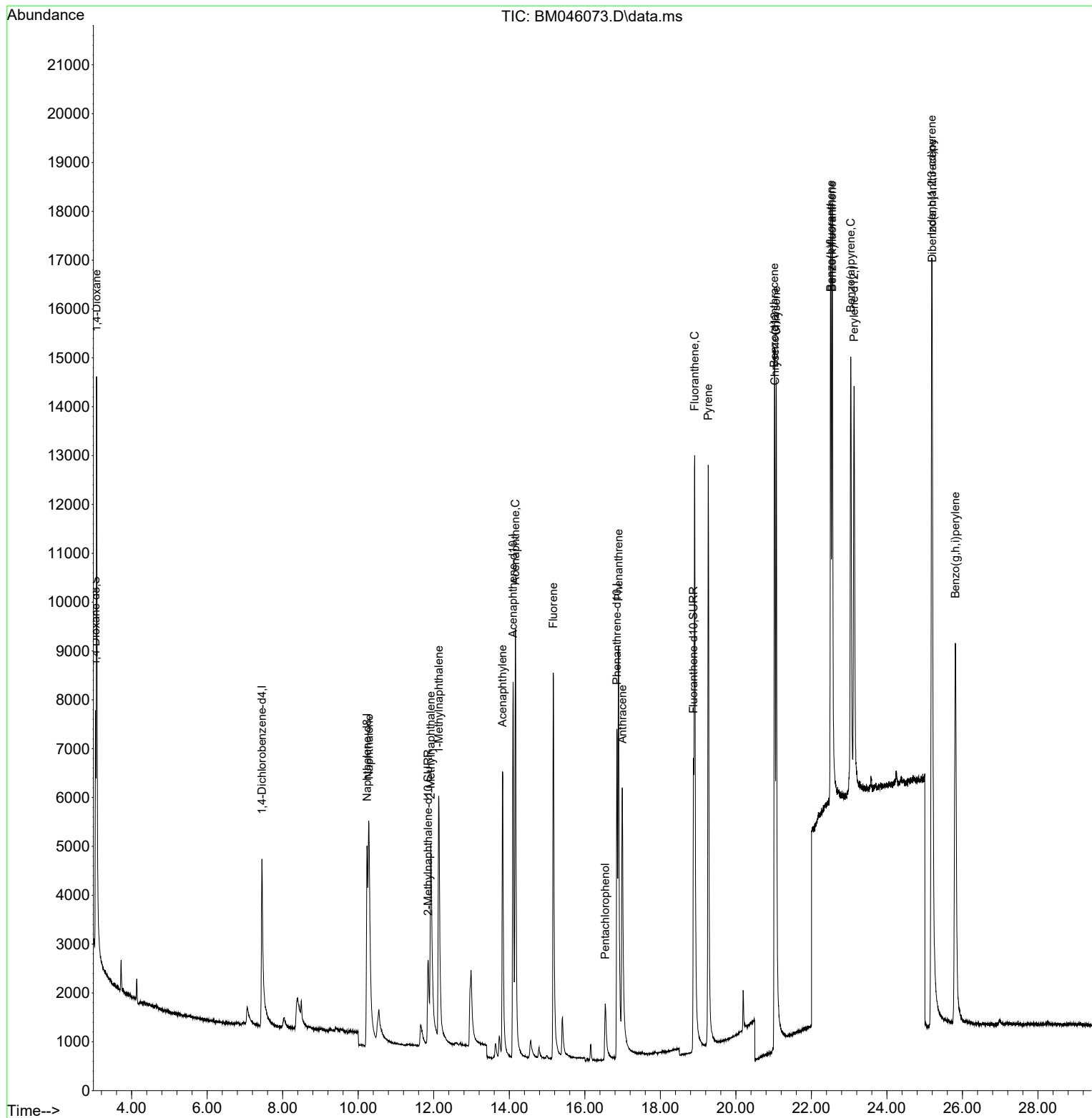
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	3781	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.233	136	11287	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.100	164	6312	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	12165	0.400	ng/ul	-0.01
17) Chrysene-d12	21.035	240	9389	0.400	ng/ul	0.00
23) Perylene-d12	23.130	264	12500	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.046	96	2931	0.565	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.849	152	5096	0.336	ng/ul	-0.02
18) Fluoranthene-d10	18.877	212	9524	0.339	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.071	88	8049	1.383	ng/ul#	73
5) Naphthalene	10.282	128	10630	0.338	ng/ul	96
7) 2-Methylnaphthalene	11.921	142	6194	0.350	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	6386	0.329	ng/ul	99
10) Acenaphthylene	13.822	152	10548	0.352	ng/ul	97
11) Acenaphthene	14.164	153	7523	0.348	ng/ul	97
12) Fluorene	15.164	166	8019	0.346	ng/ul	99
14) Pentachlorophenol	16.542	266	1763	0.484	ng/ul	98
15) Phenanthrene	16.892	178	11625	0.340	ng/ul	97
16) Anthracene	16.994	178	9239	0.363	ng/ul	97
19) Fluoranthene	18.909	202	14578	0.359	ng/ul	100
20) Pyrene	19.267	202	15335	0.349	ng/ul	99
21) Benzo(a)anthracene	21.017	228	12903	0.356	ng/ul	99
22) Chrysene	21.070	228	15667	0.339	ng/ul	99
24) Benzo(b)fluoranthene	22.513	252	16078	0.357	ng/ul	96
25) Benzo(k)fluoranthene	22.551	252	17730	0.331	ng/ul	95
26) Benzo(a)pyrene	23.042	252	16062	0.385	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.185	276	21354	0.313	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.199	278	16598	0.326	ng/ul	96
29) Benzo(g,h,i)perylene	25.812	276	18374	0.314	ng/ul	99

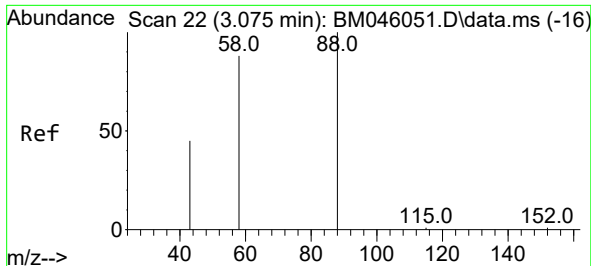
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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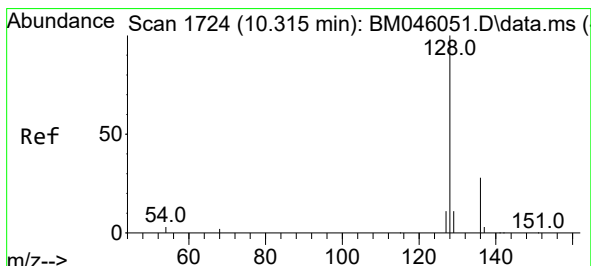
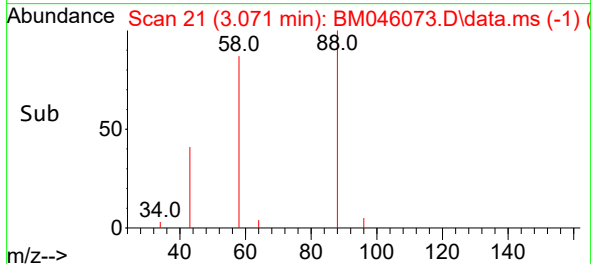
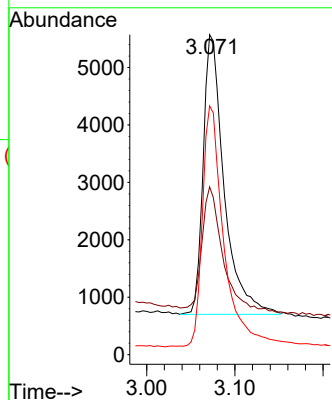
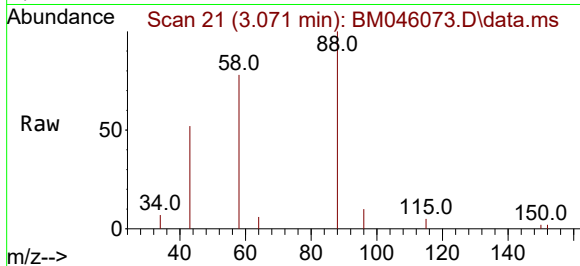




#2
1,4-Dioxane
Concen: 1.383 ng/ul
RT: 3.071 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

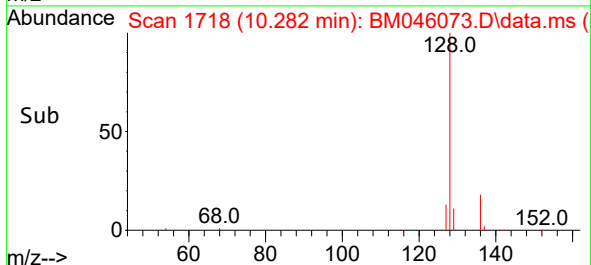
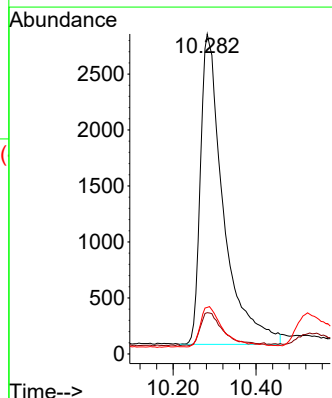
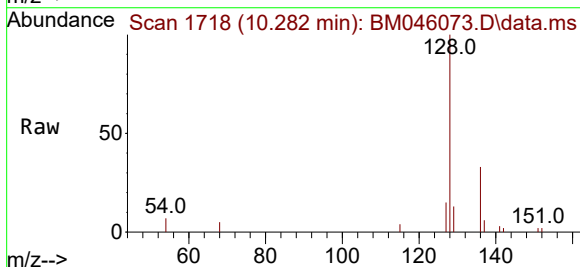
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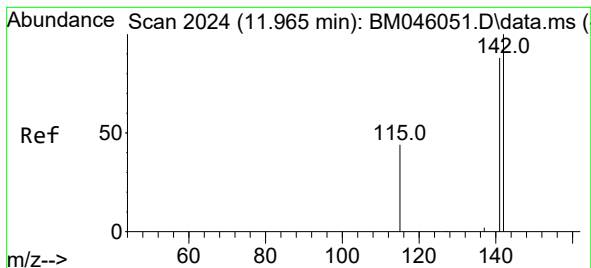
Tgt Ion: 88 Resp: 8049
Ion Ratio Lower Upper
88 100
43 52.5 69.8 104.8#
58 77.8 53.2 79.8



#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.282 min Scan# 1718
Delta R.T. -0.021 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion: 128 Resp: 10630
Ion Ratio Lower Upper
128 100
129 12.9 11.8 17.6
127 14.6 12.8 19.2

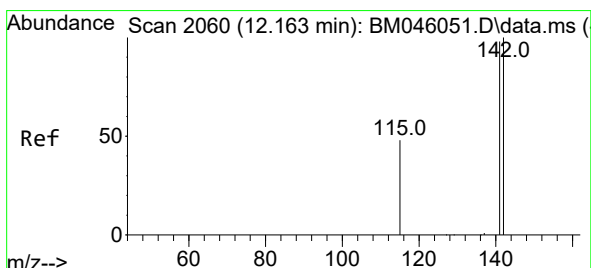
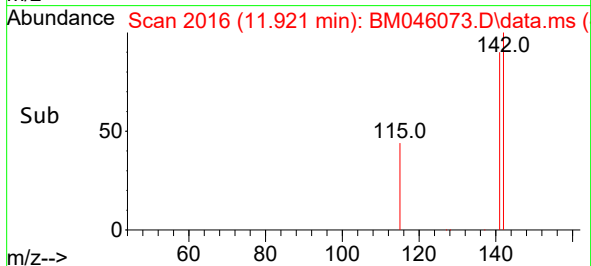
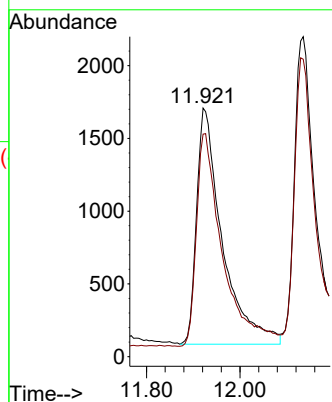
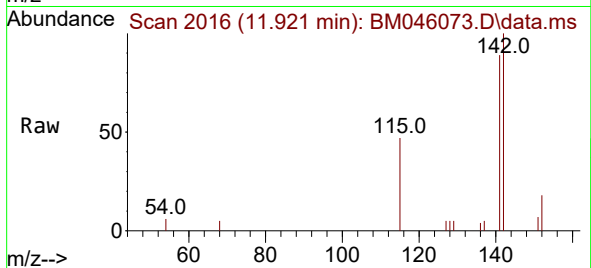




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 11.921 min Scan# 2016
Delta R.T. -0.026 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

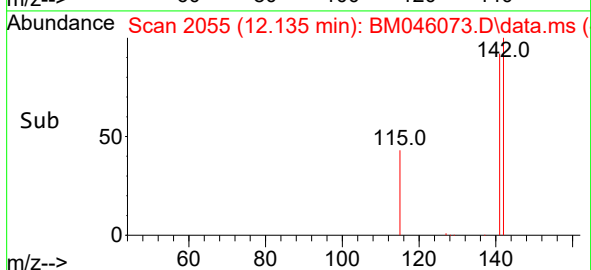
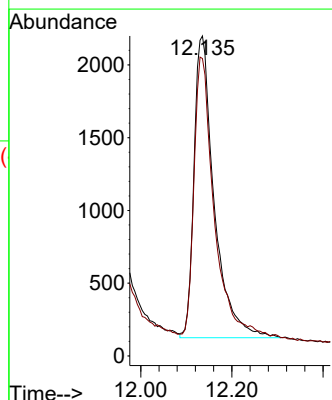
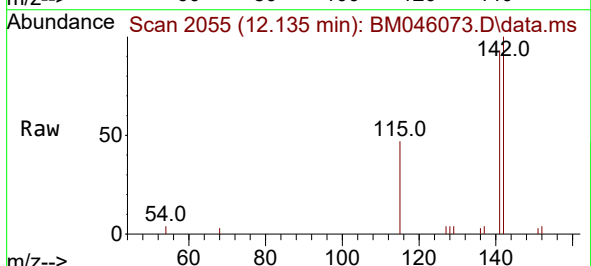
Instrument :
BNA_M
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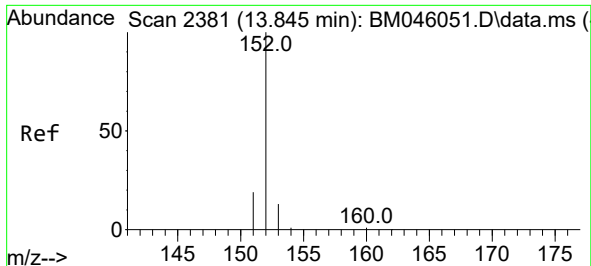
Tgt Ion:142 Resp: 6194
Ion Ratio Lower Upper
142 100
141 92.5 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.135 min Scan# 2055
Delta R.T. -0.015 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:142 Resp: 6386
Ion Ratio Lower Upper
142 100
141 92.6 75.2 112.8

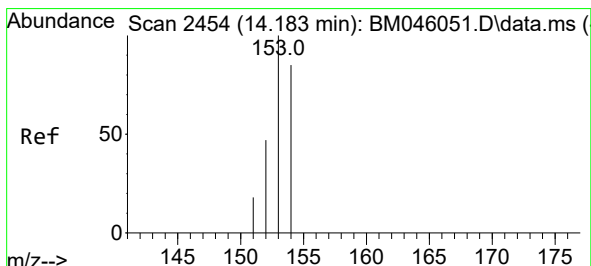
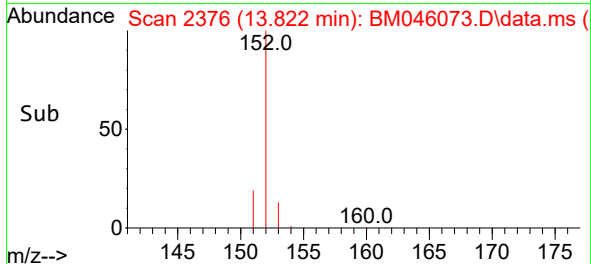
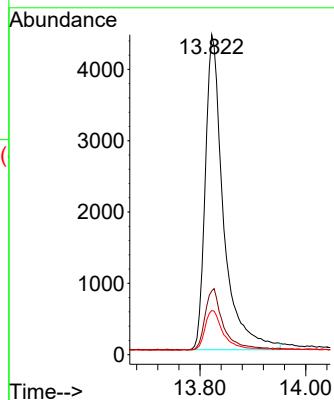
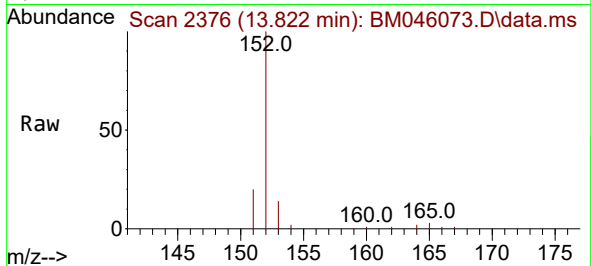




#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 13.822 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

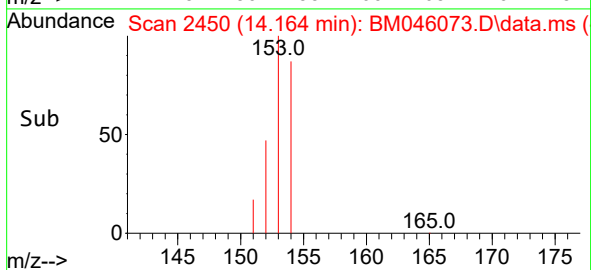
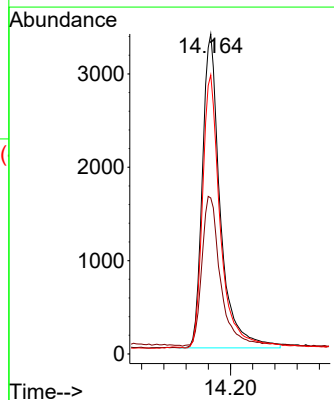
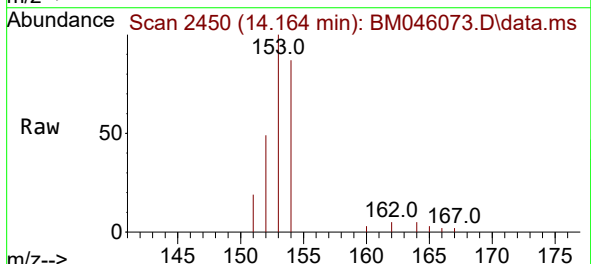
Instrument :
BNA_M
ClientSampleId :
SLCS358

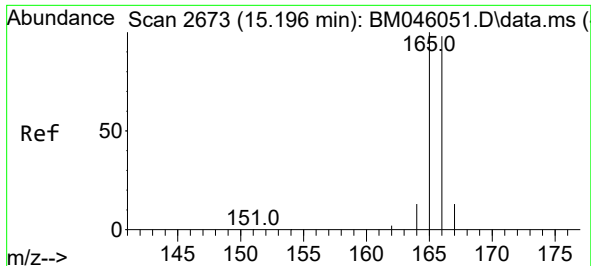
Tgt Ion:152	Resp:	10548
Ion Ratio	Lower	Upper
152	100	
151	19.9	17.4 26.2
153	13.8	11.8 17.8



#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.164 min Scan# 2450
Delta R.T. -0.008 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:153	Resp:	7523
Ion Ratio	Lower	Upper
153	100	
152	48.7	41.3 61.9
154	87.2	68.2 102.4

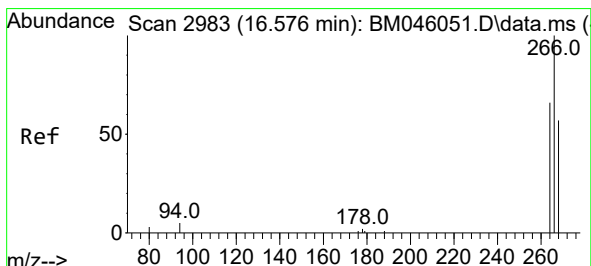
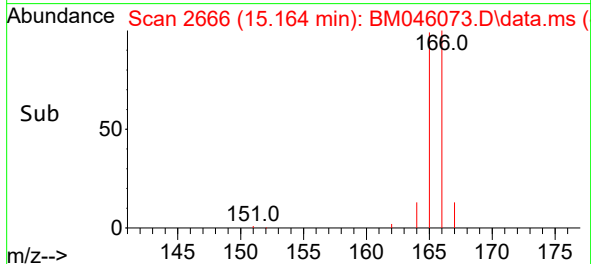
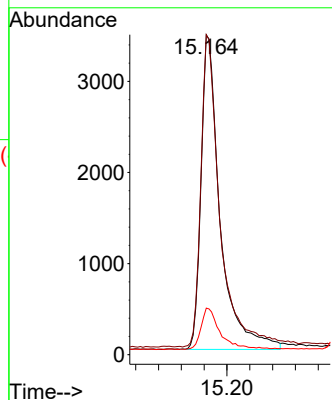
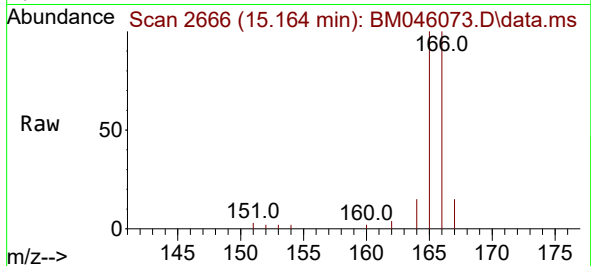




#12
Fluorene
Concen: 0.346 ng/ul
RT: 15.164 min Scan# 20
Delta R.T. -0.017 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

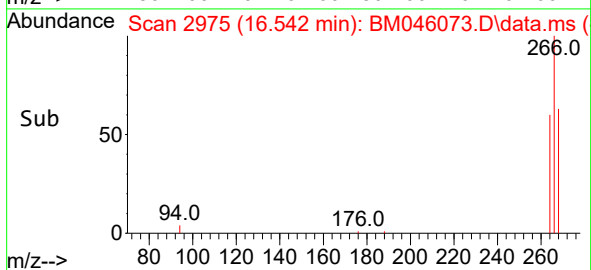
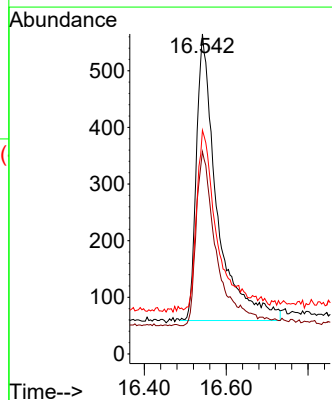
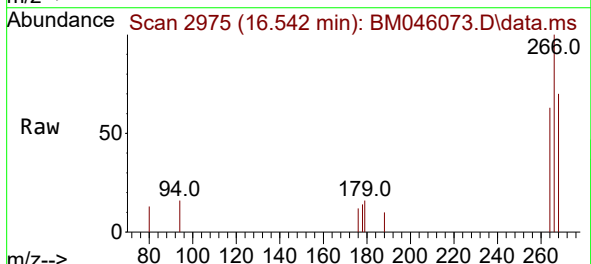
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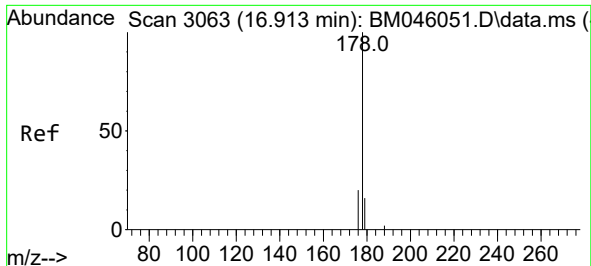
Tgt Ion:166 Resp: 8019
Ion Ratio Lower Upper
166 100
165 100.1 80.4 120.6
167 14.6 12.4 18.6



#14
Pentachlorophenol
Concen: 0.484 ng/ul
RT: 16.542 min Scan# 2975
Delta R.T. -0.024 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:266 Resp: 1763
Ion Ratio Lower Upper
266 100
264 61.8 50.9 76.3
268 63.9 52.3 78.5

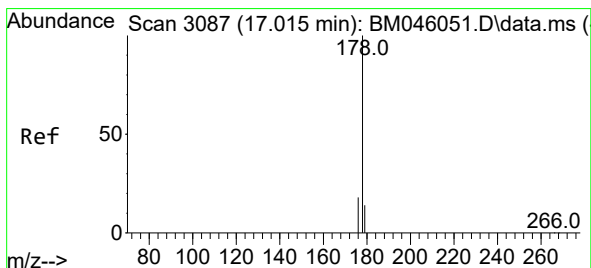
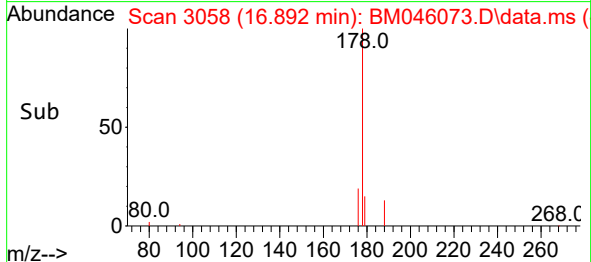
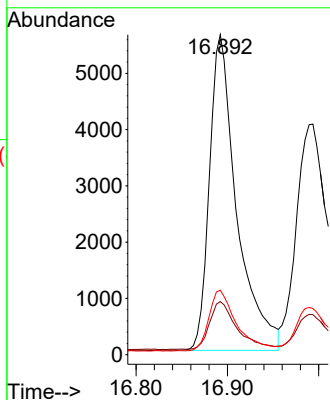
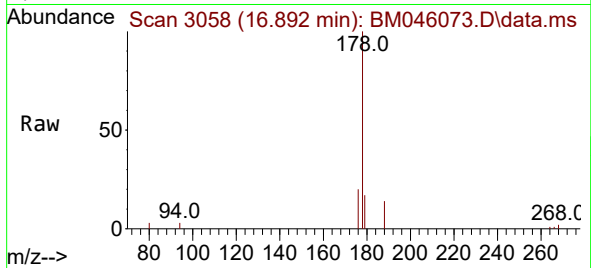




#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 16.892 min Scan# 3058
Delta R.T. -0.011 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

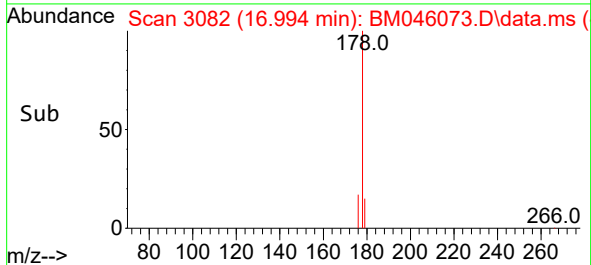
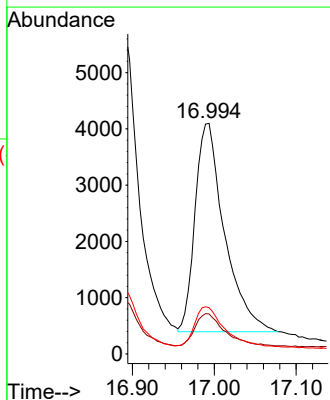
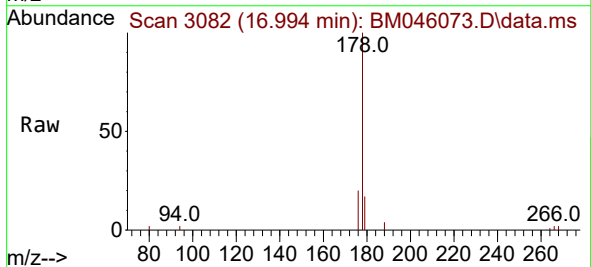
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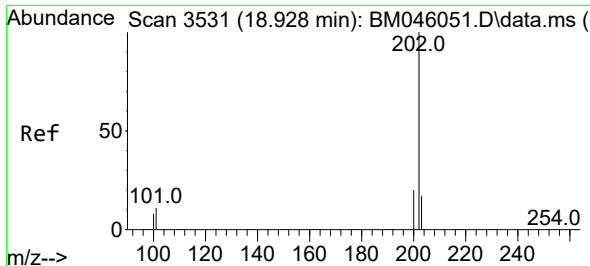
Tgt Ion:178 Resp: 11625
Ion Ratio Lower Upper
178 100
179 16.6 14.2 21.2
176 20.1 17.1 25.7



#16
Anthracene
Concen: 0.363 ng/ul
RT: 16.994 min Scan# 3082
Delta R.T. -0.011 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:178 Resp: 9239
Ion Ratio Lower Upper
178 100
179 17.3 14.9 22.3
176 20.1 17.0 25.4

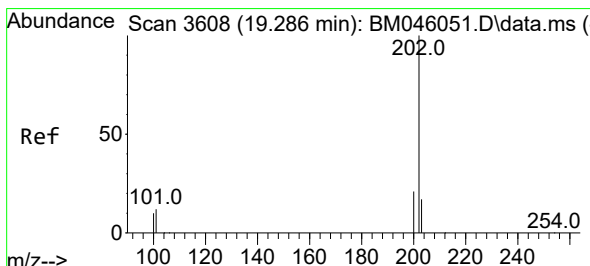
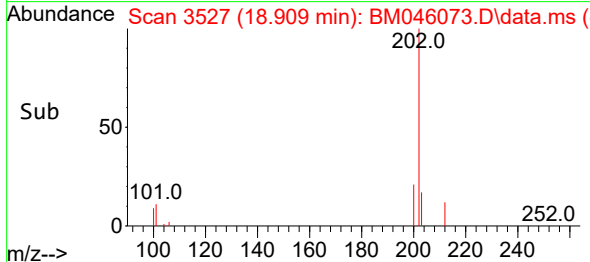
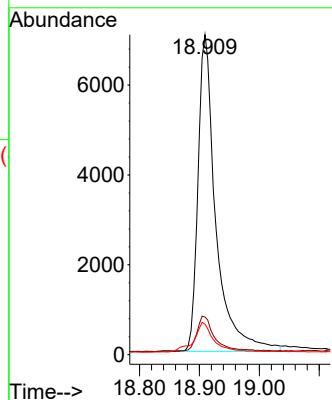
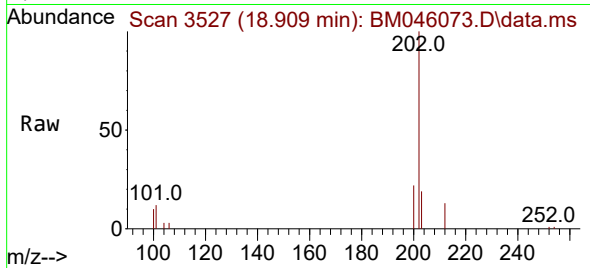




#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 18.909 min Scan# 3527
Delta R.T. -0.008 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

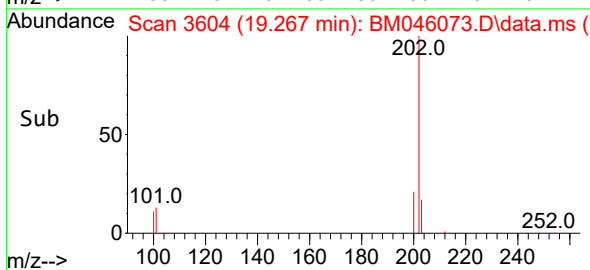
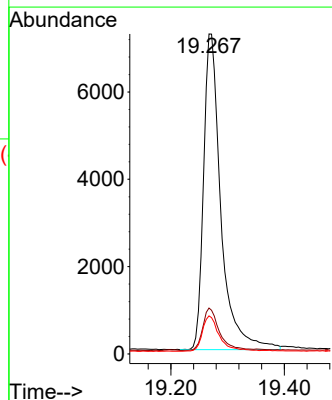
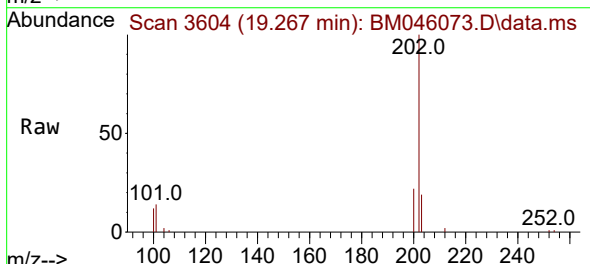
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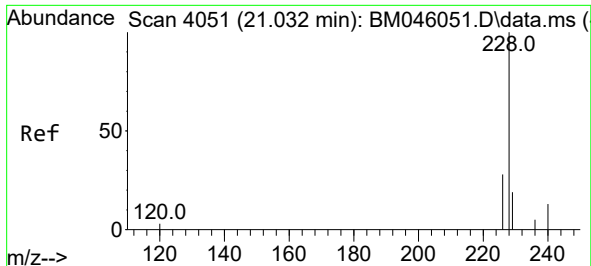
Tgt Ion:202 Resp: 14578
Ion Ratio Lower Upper
202 100
101 11.7 9.6 14.4
100 9.5 7.6 11.4



#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.267 min Scan# 3604
Delta R.T. -0.008 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

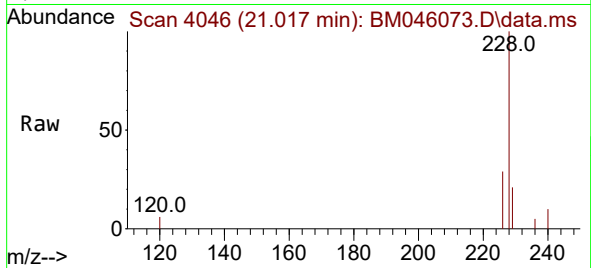
Tgt Ion:202 Resp: 15335
Ion Ratio Lower Upper
202 100
101 14.3 11.3 16.9
100 11.9 9.8 14.6



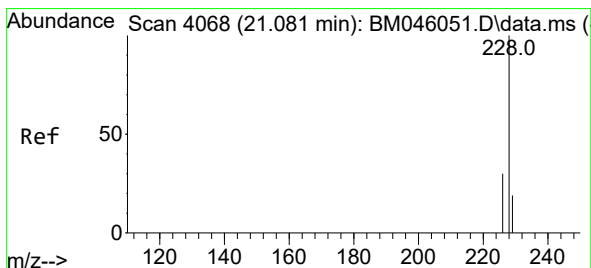
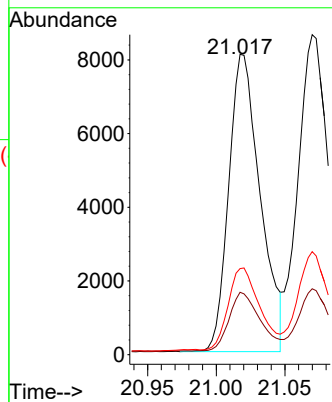
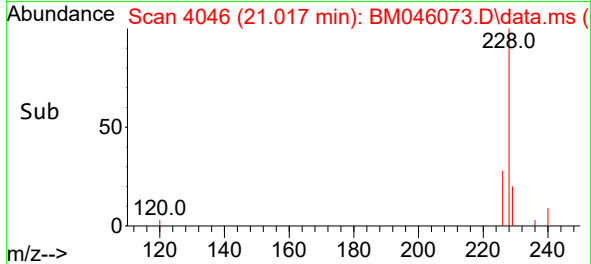


#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.017 min Scan# 4046
Delta R.T. -0.012 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS358

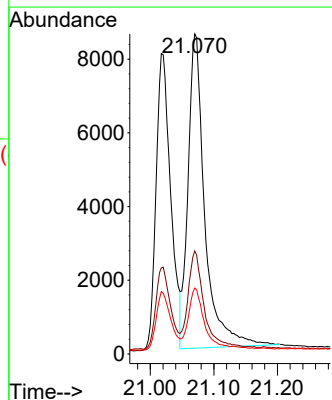
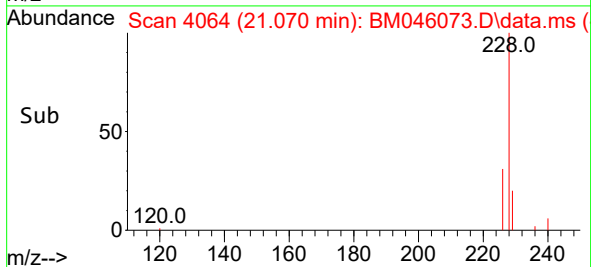
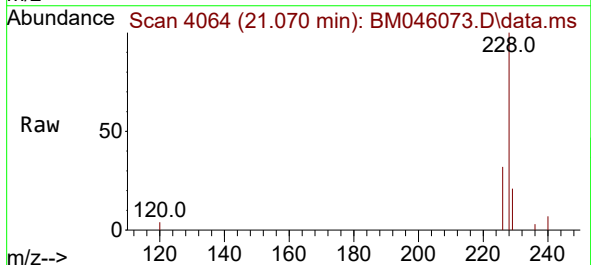


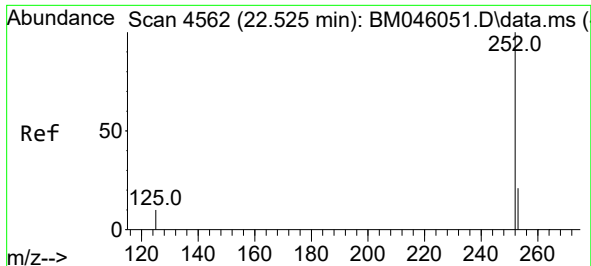
Tgt Ion:228 Resp: 12903
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 28.7 23.4 35.2



#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.070 min Scan# 4064
Delta R.T. -0.006 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:228 Resp: 15667
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 20.6 16.3 24.5

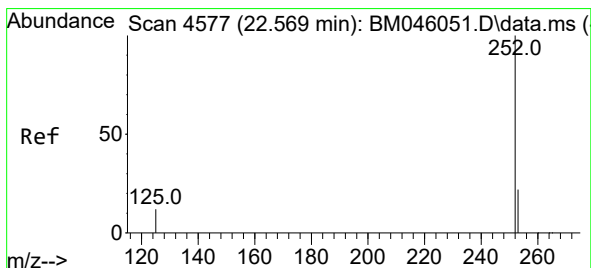
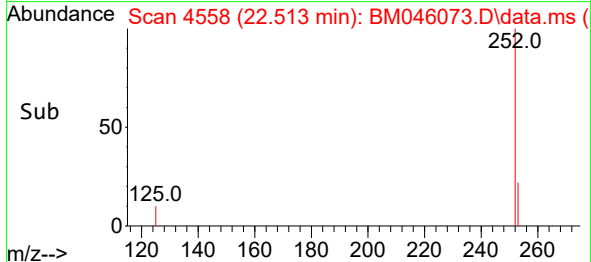
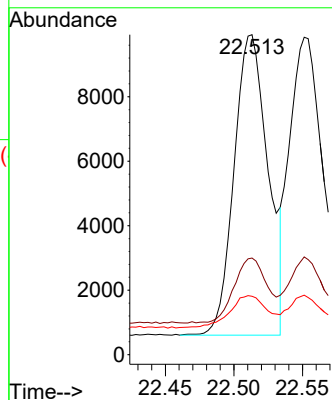
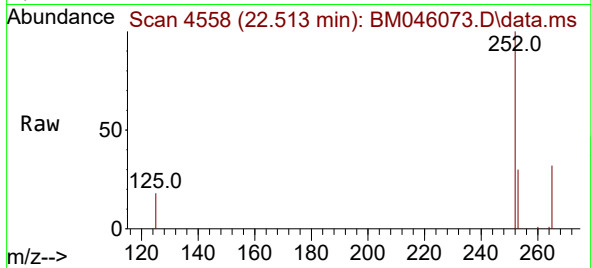




#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 22.513 min Scan# 4558
Delta R.T. -0.006 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

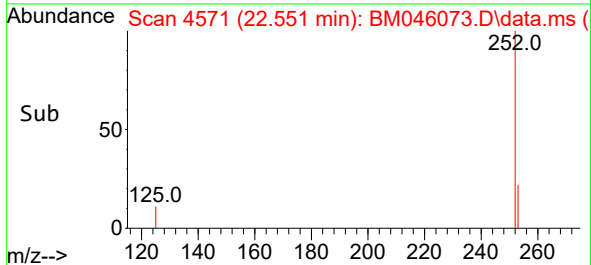
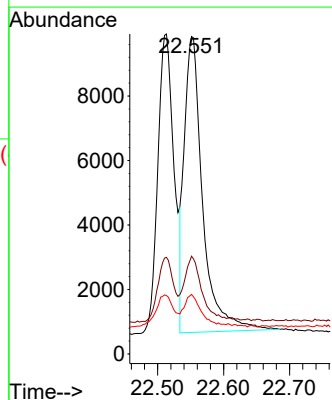
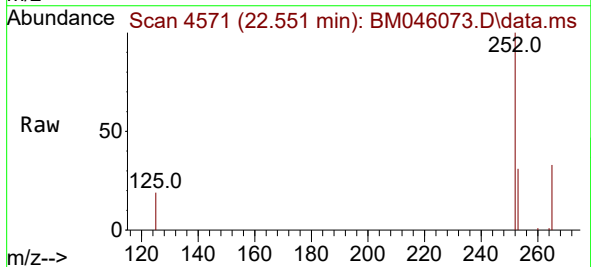
Instrument :
BNA_M
ClientSampleId :
SLCS358

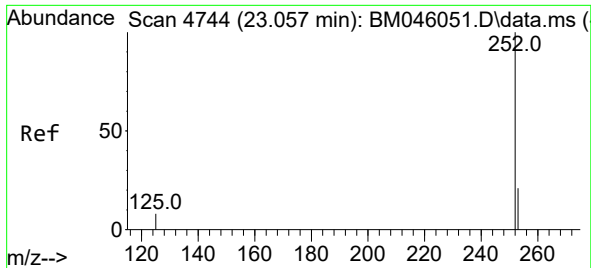
Tgt Ion:252 Resp: 16078
Ion Ratio Lower Upper
252 100
253 30.2 0.0 65.8
125 18.3 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 22.551 min Scan# 4571
Delta R.T. -0.012 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:252 Resp: 17730
Ion Ratio Lower Upper
252 100
253 30.8 27.2 40.8
125 18.8 16.6 25.0

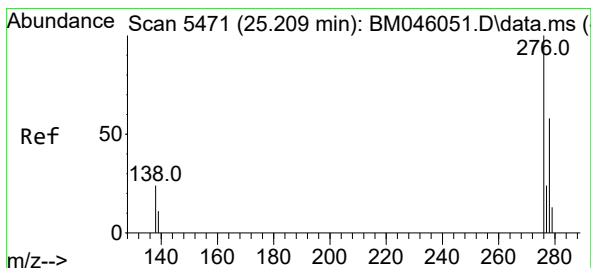
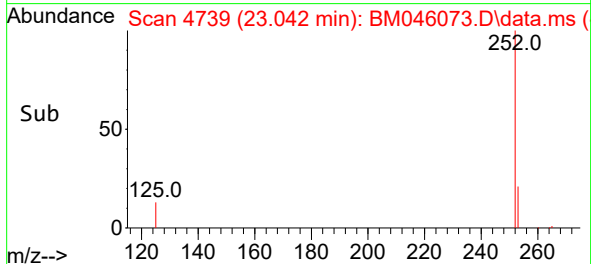
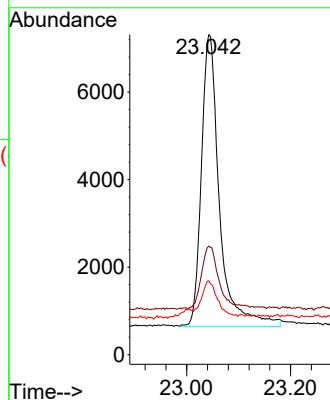
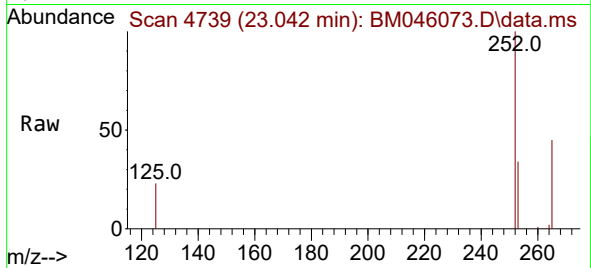




#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.042 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

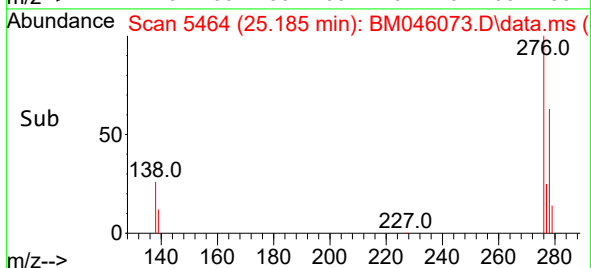
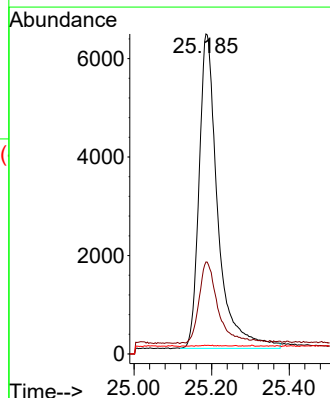
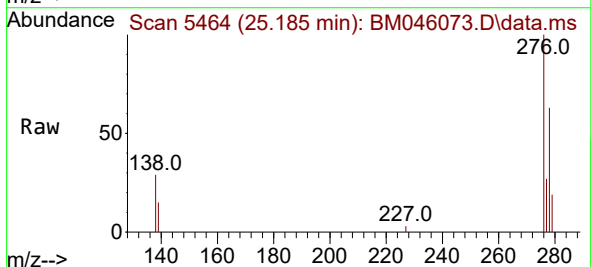
Instrument :
BNA_M
ClientSampleId :
SLCS358

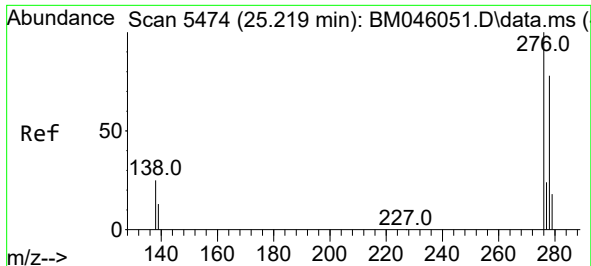
Tgt Ion:252 Resp: 16062
Ion Ratio Lower Upper
252 100
253 34.0 32.1 48.1
125 23.0 21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng/ul
RT: 25.185 min Scan# 5464
Delta R.T. -0.017 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

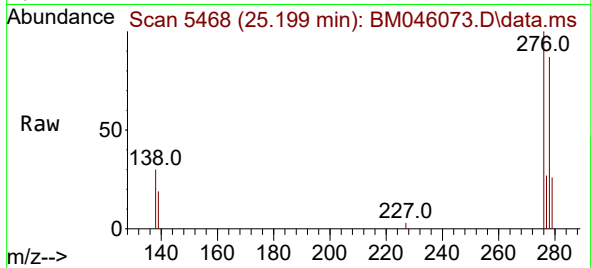
Tgt Ion:276 Resp: 21354
Ion Ratio Lower Upper
276 100
138 26.1 21.0 31.4
227 0.3 0.0 0.0#



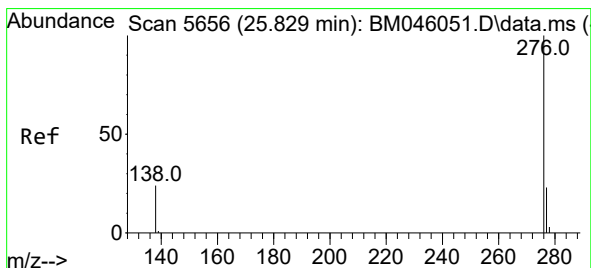
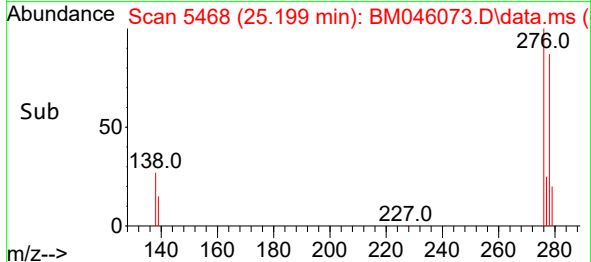
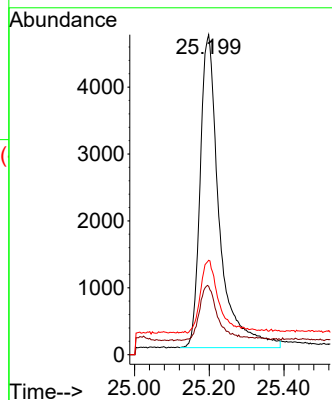


#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 25.199 min Scan# 5474
Delta R.T. -0.017 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Instrument :
BNA_M
ClientSampleId :
SLCS358



Tgt Ion:278 Resp: 16598
Ion Ratio Lower Upper
278 100
139 21.4 17.6 26.4
279 29.5 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.314 ng/ul
RT: 25.812 min Scan# 5651
Delta R.T. -0.017 min
Lab File: BM046073.D
Acq: 19 Jun 2024 05:06

Tgt Ion:276 Resp: 18374
Ion Ratio Lower Upper
276 100
138 26.4 21.7 32.5
277 25.7 20.4 30.6

