

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022124\
 Data File : BM044258.D
 Acq On : 23 Feb 2024 02:39
 Operator : MA/JU
 Sample : PB159099BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS099

Quant Time: Feb 23 03:12:27 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)

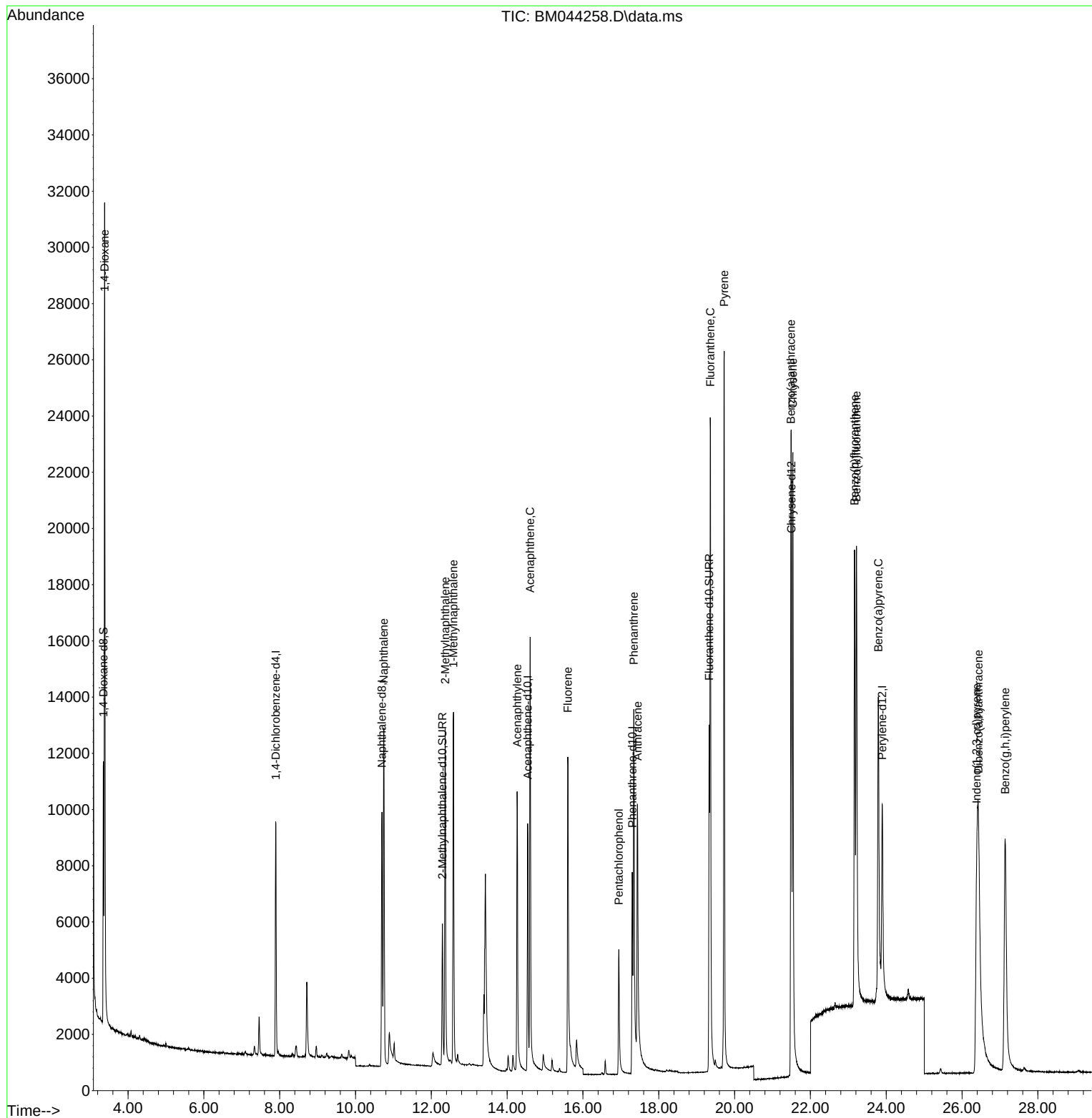
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4422	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	12865	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	5554	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	11474	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	10376	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	11656	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5628	0.899	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	7688	0.427	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	15134	0.489	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	17667	2.823	ng/ul#	73
5) Naphthalene	10.748	128	17434	0.456	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	9963	0.422	ng/ul	98
8) 1-Methylnaphthalene	12.585	142	9818	0.411	ng/ul	100
10) Acenaphthylene	14.265	152	14456	0.474	ng/ul	99
11) Acenaphthene	14.607	153	10210	0.461	ng/ul	98
12) Fluorene	15.602	166	10625	0.426	ng/ul	99
14) Pentachlorophenol	16.946	266	4069	0.990	ng/ul	99
15) Phenanthrene	17.343	178	17098	0.470	ng/ul	100
16) Anthracene	17.440	178	18019	0.501	ng/ul	99
19) Fluoranthene	19.363	202	22841	0.483	ng/ul	100
20) Pyrene	19.726	202	24240	0.487	ng/ul	99
21) Benzo(a)anthracene	21.485	228	20549	0.432	ng/ul	99
22) Chrysene	21.538	228	25578	0.499	ng/ul	100
24) Benzo(b)fluoranthene	23.166	252	23230	0.483	ng/ul	98
25) Benzo(k)fluoranthene	23.215	252	27068	0.518	ng/ul	98
26) Benzo(a)pyrene	23.791	252	21623	0.484	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.386	276	25824	0.454	ng/ul#	43
28) Dibenzo(a,h)anthracene	26.433	278	20017	0.447	ng/ul	97
29) Benzo(g,h,i)perylene	27.138	276	23439	0.466	ng/ul	98

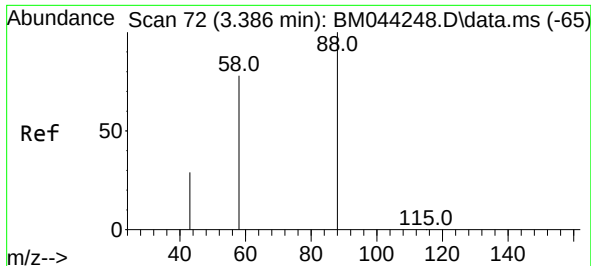
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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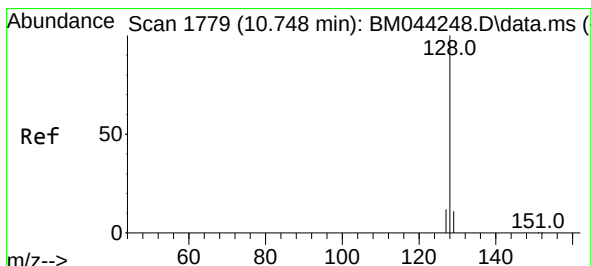
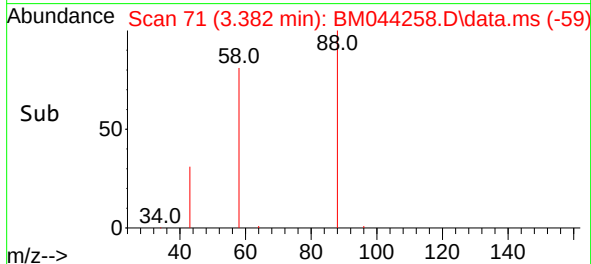
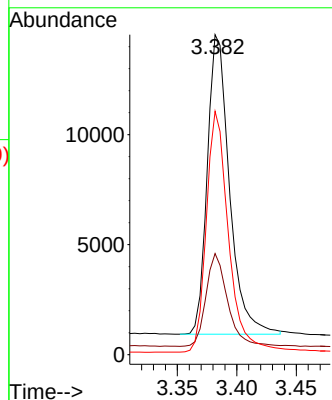
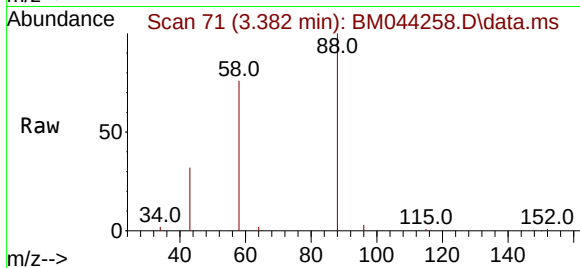




#2
1,4-Dioxane
Concen: 2.823 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.008 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

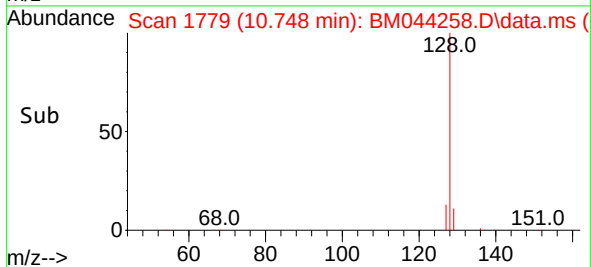
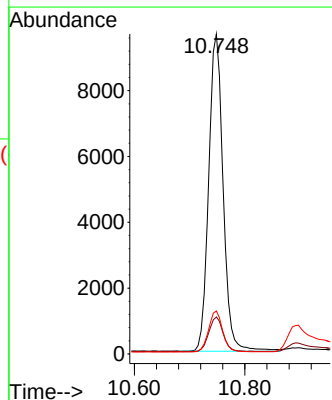
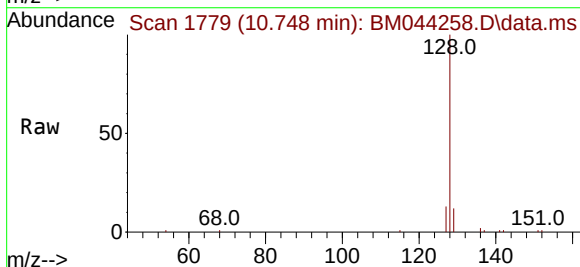
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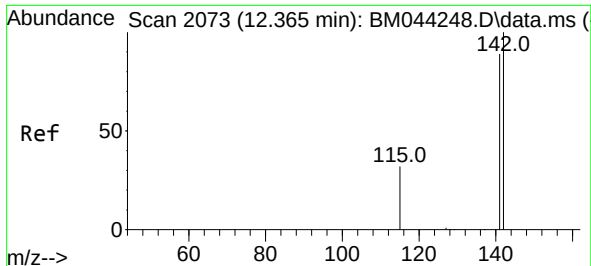
Tgt Ion: 88 Resp: 17667
Ion Ratio Lower Upper
88 100
43 31.6 32.2 48.2#
58 76.1 40.6 60.8#



#5
Naphthalene
Concen: 0.456 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

Tgt Ion: 128 Resp: 17434
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.5 10.7 16.1

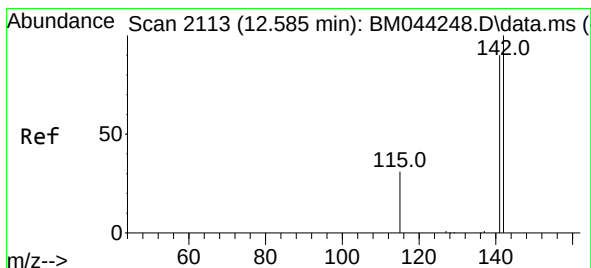
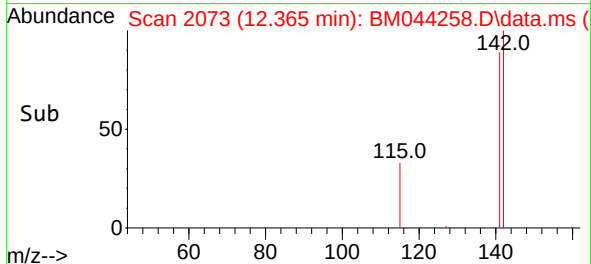
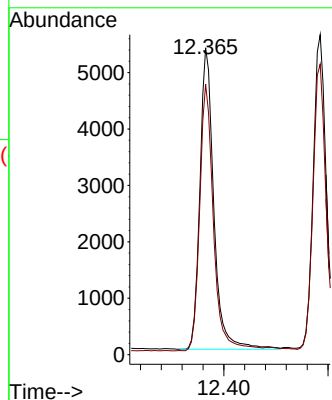
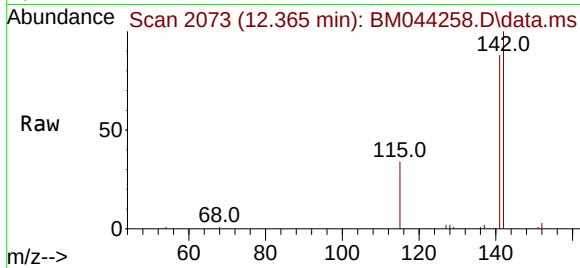




#7
2-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

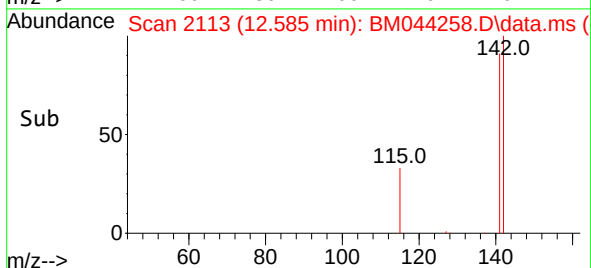
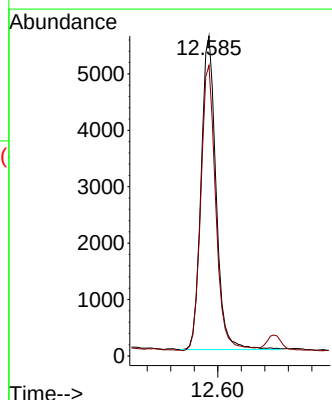
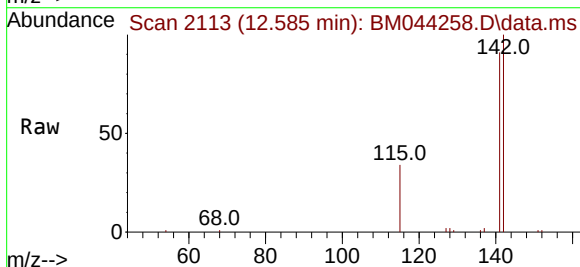
Instrument :
BNA_M
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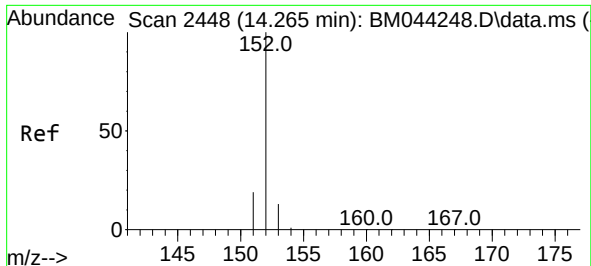
Tgt Ion:142 Resp: 9963
Ion Ratio Lower Upper
142 100
141 89.3 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

Tgt Ion:142 Resp: 9818
Ion Ratio Lower Upper
142 100
141 90.9 72.5 108.7

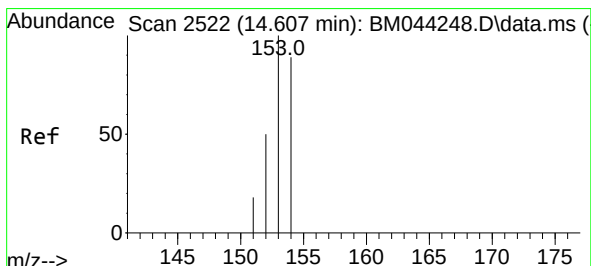
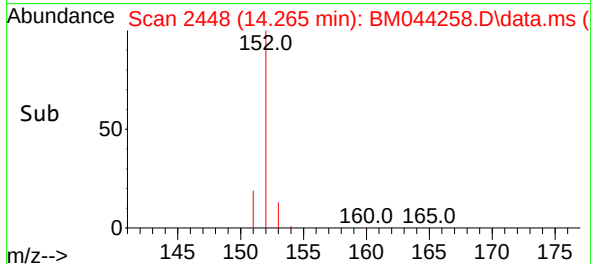
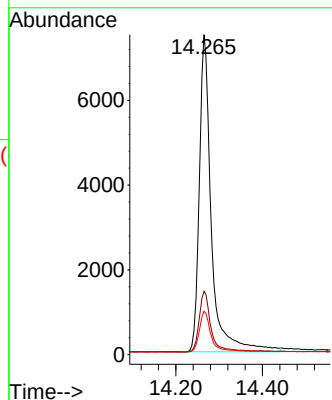
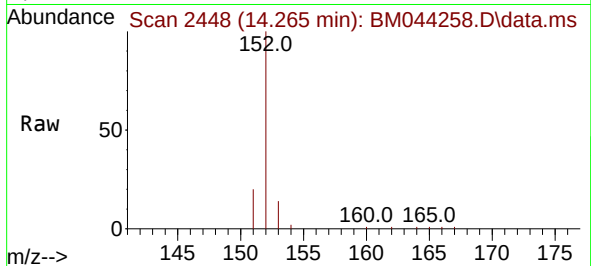




#10
Acenaphthylene
Concen: 0.474 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

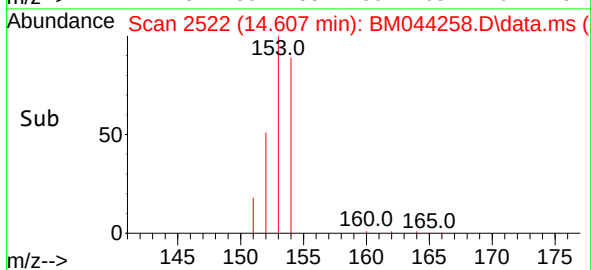
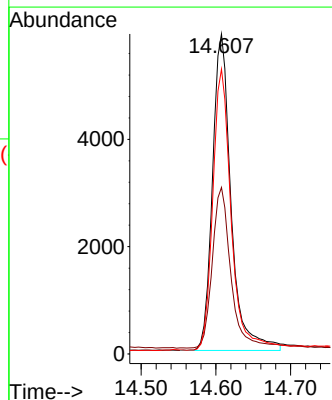
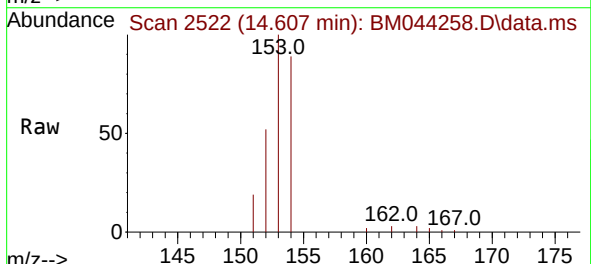
Instrument :
BNA_M
ClientSampleId :
SLCS099

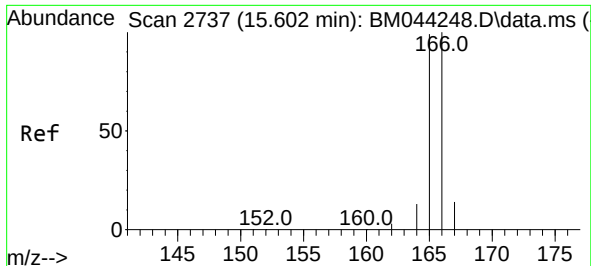
Tgt Ion:	152	Resp:	14456
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.5	23.3
153	13.6	10.8	16.2



#11
Acenaphthene
Concen: 0.461 ng/ul
RT: 14.607 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

Tgt Ion:	153	Resp:	10210
Ion Ratio	Lower	Upper	
153	100		
152	52.1	40.6	61.0
154	89.0	70.1	105.1

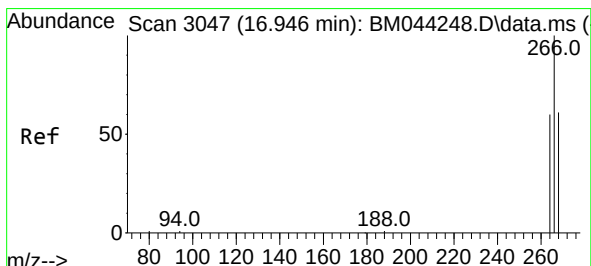
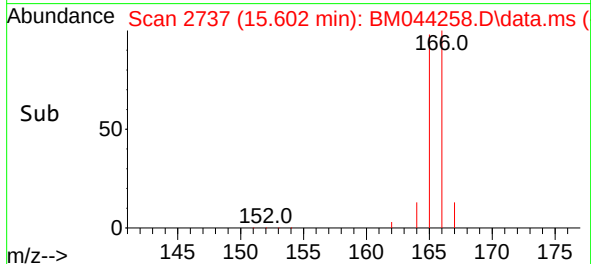
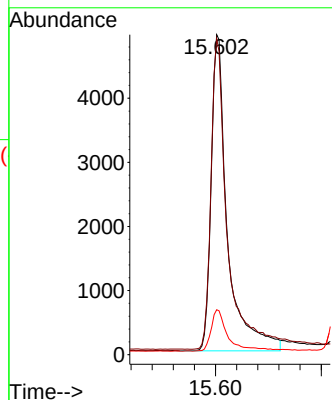
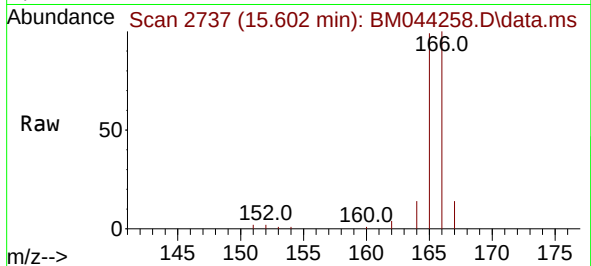




#12
 Fluorene
 Concen: 0.426 ng/ul
 RT: 15.602 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BM044258.D
 Acq: 23 Feb 2024 02:39

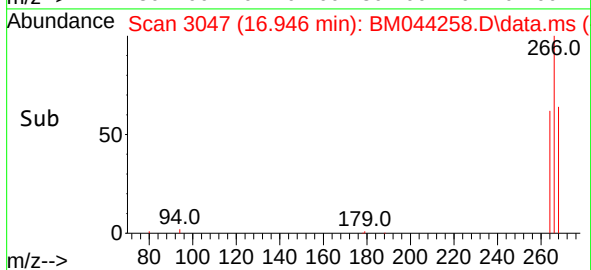
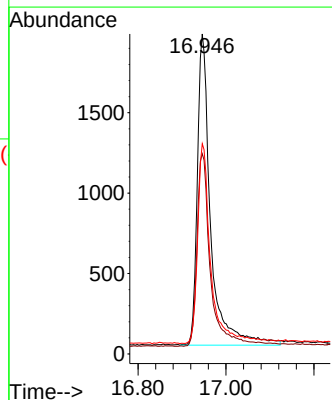
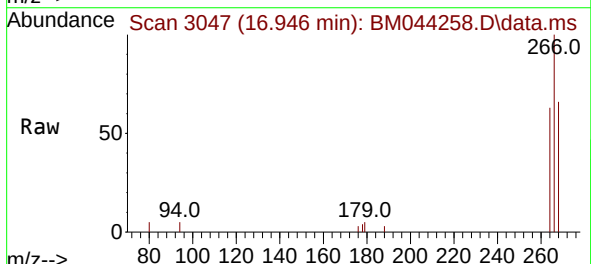
Instrument :
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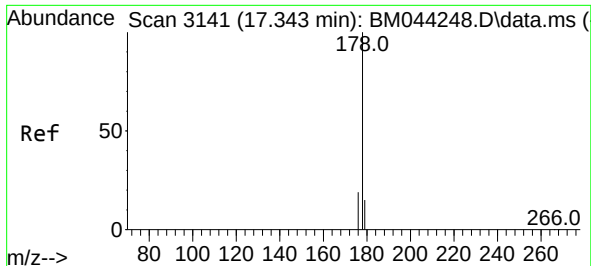
Tgt Ion:166	Resp:	10625
Ion Ratio	Lower	Upper
166	100	
165	98.8	79.8 119.6
167	14.1	11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.990 ng/ul
 RT: 16.946 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: BM044258.D
 Acq: 23 Feb 2024 02:39

Tgt Ion:266	Resp:	4069
Ion Ratio	Lower	Upper
266	100	
264	62.9	49.4 74.0
268	64.1	52.1 78.1

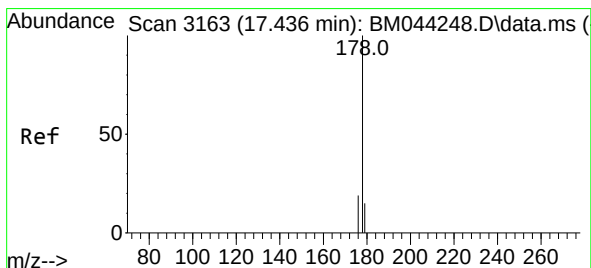
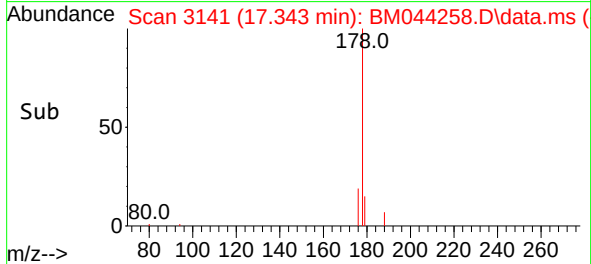
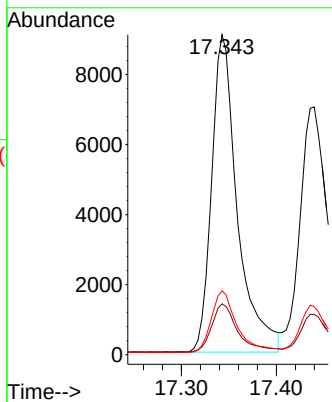
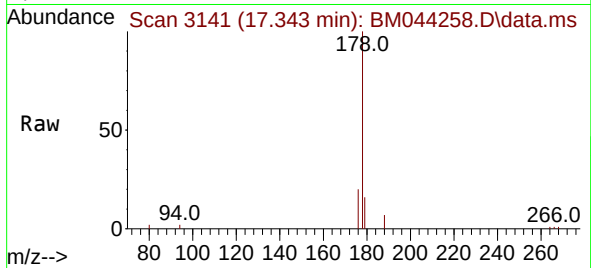




#15
Phenanthrene
Concen: 0.470 ng/u1
RT: 17.343 min Scan# 3141
Delta R.T. 0.004 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

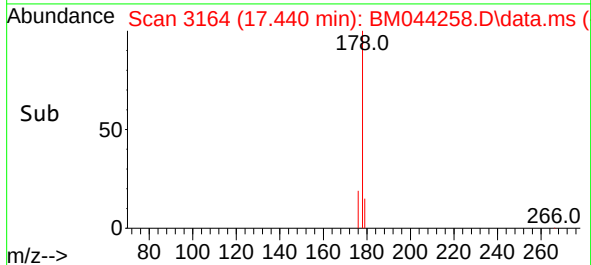
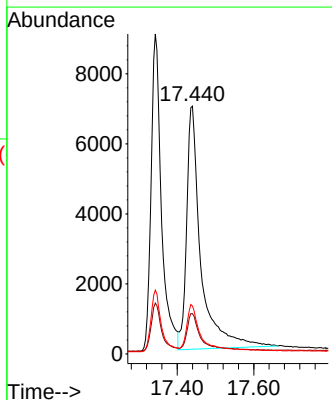
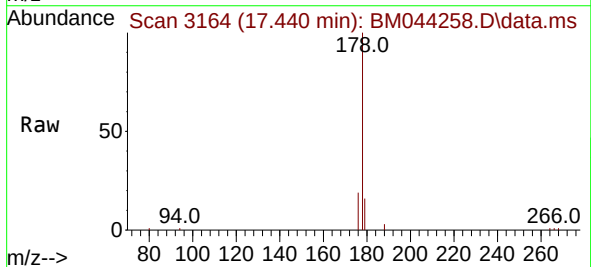
Instrument :
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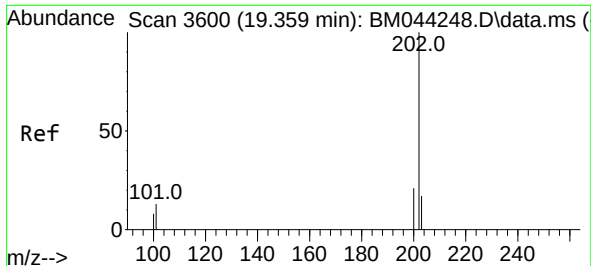
Tgt Ion:	178	Resp:	17098
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	19.9	16.0	24.0



#16
Anthracene
Concen: 0.501 ng/u1
RT: 17.440 min Scan# 3164
Delta R.T. 0.004 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

Tgt Ion:	178	Resp:	18019
Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.4	15.3	22.9

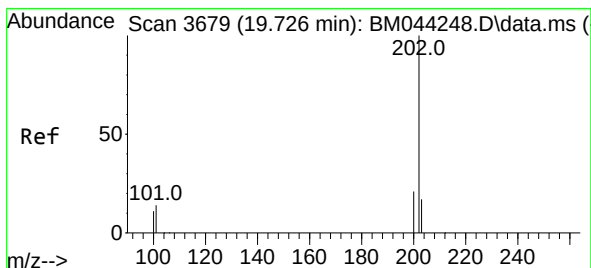
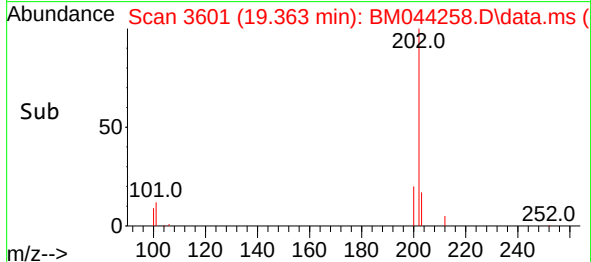
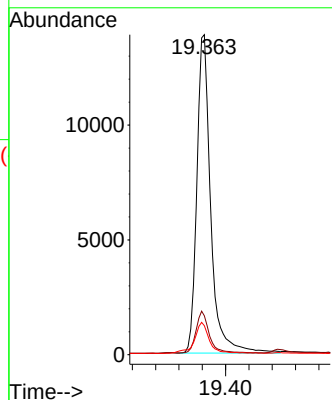
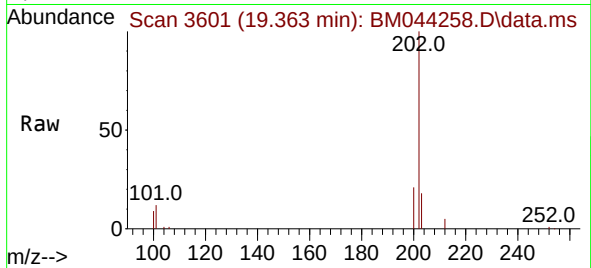




#19
Fluoranthene
Concen: 0.483 ng/ul
RT: 19.363 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

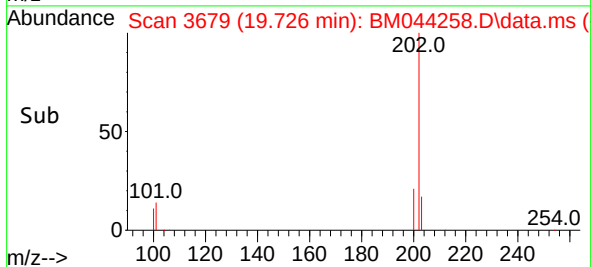
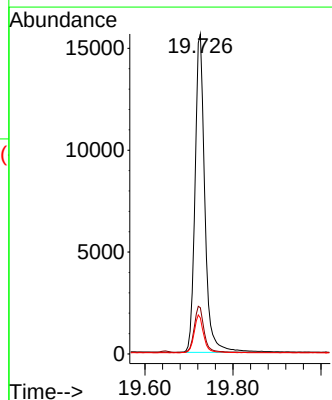
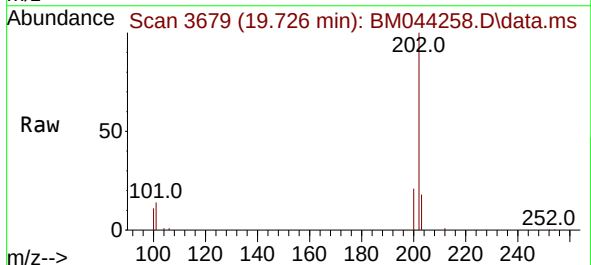
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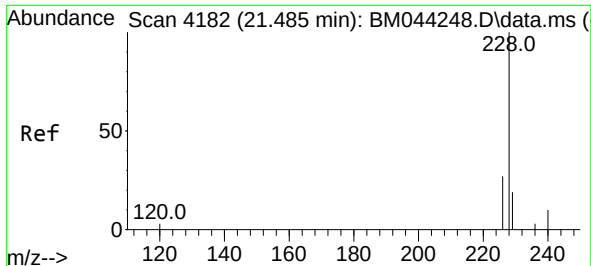
Tgt Ion:202 Resp: 22841
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.6
100 9.0 7.0 10.4



#20
Pyrene
Concen: 0.487 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

Tgt Ion:202 Resp: 24240
Ion Ratio Lower Upper
202 100
101 14.4 11.2 16.8
100 11.2 8.6 13.0

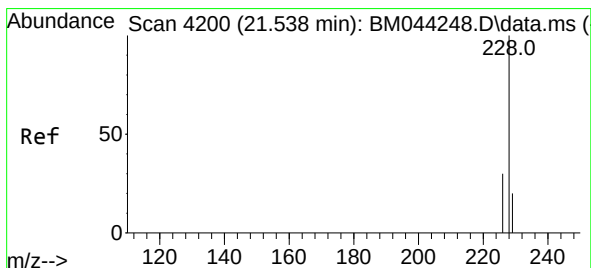
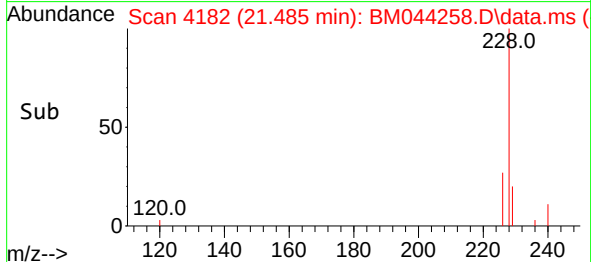
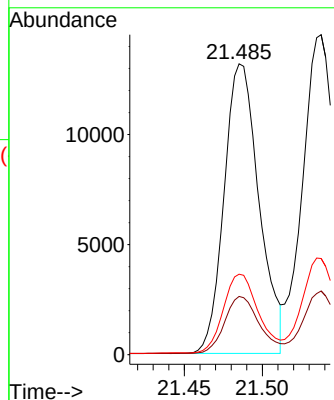
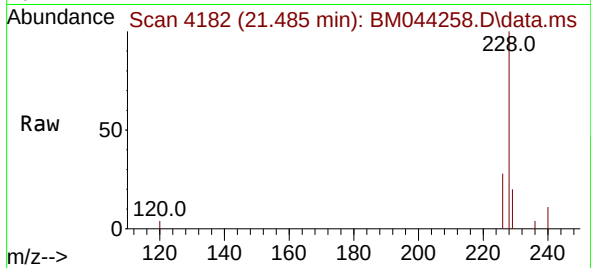




#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

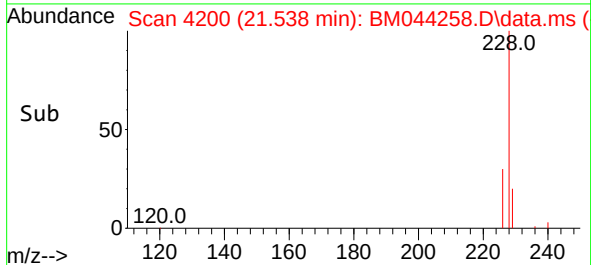
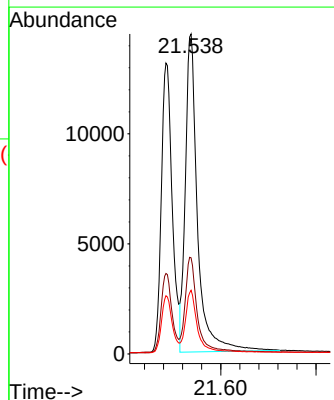
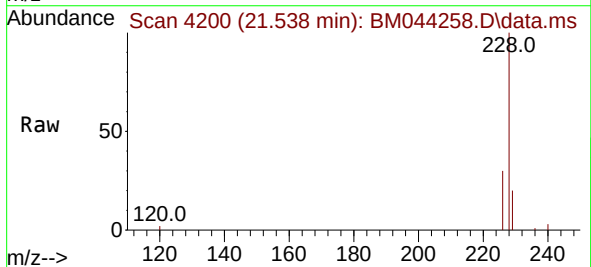
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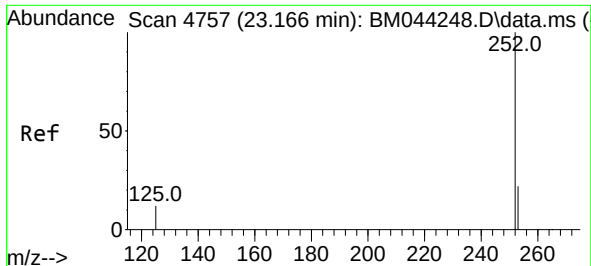
Tgt Ion:228 Resp: 20549
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.2
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.499 ng/ul
RT: 21.538 min Scan# 4200
Delta R.T. 0.000 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

Tgt Ion:228 Resp: 25578
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.9 15.8 23.6

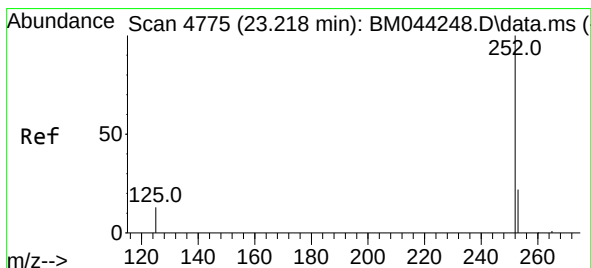
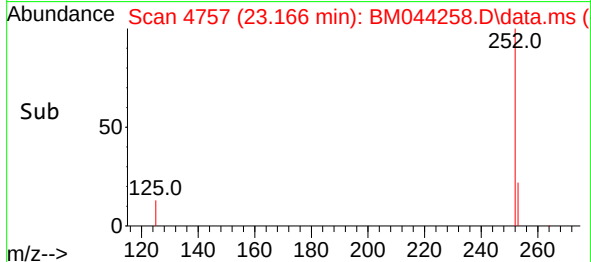
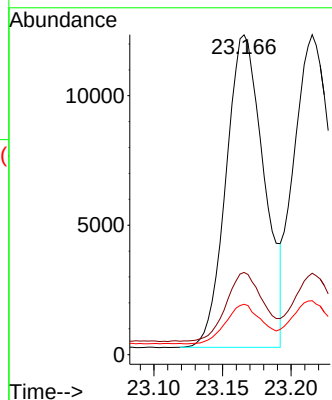
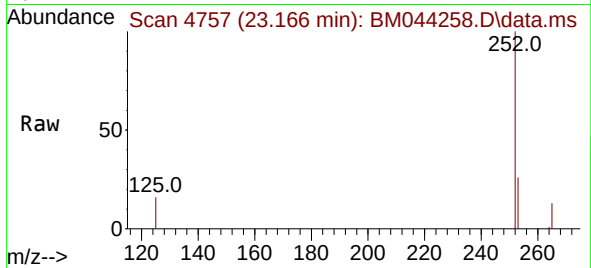




#24
Benzo(b)fluoranthene
Concen: 0.483 ng/ul
RT: 23.166 min Scan# 4757
Delta R.T. 0.003 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

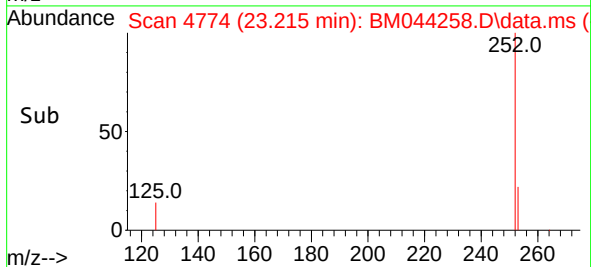
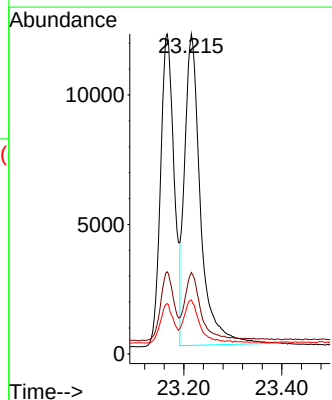
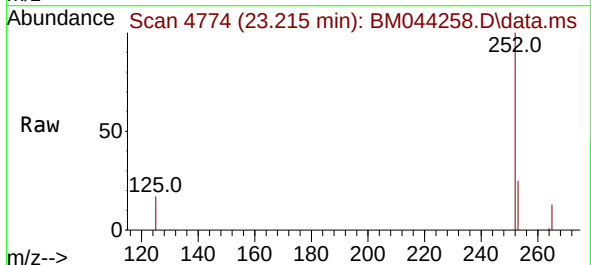
Instrument :
BNA_M
ClientSampleId :
SLCS099

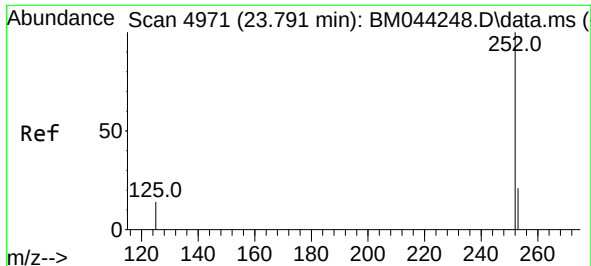
Tgt Ion:252 Resp: 23230
Ion Ratio Lower Upper
252 100
253 25.7 0.0 50.0
125 15.8 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.518 ng/ul
RT: 23.215 min Scan# 4774
Delta R.T. 0.003 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

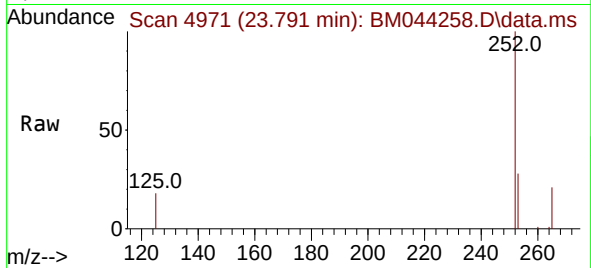
Tgt Ion:252 Resp: 27068
Ion Ratio Lower Upper
252 100
253 25.4 20.1 30.1
125 16.9 12.3 18.5



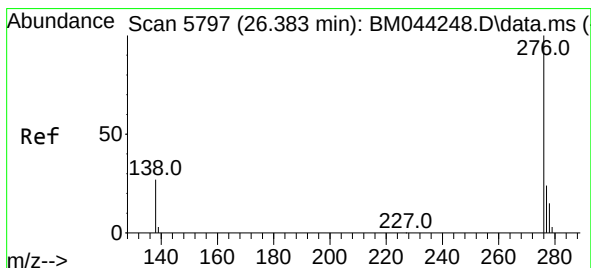
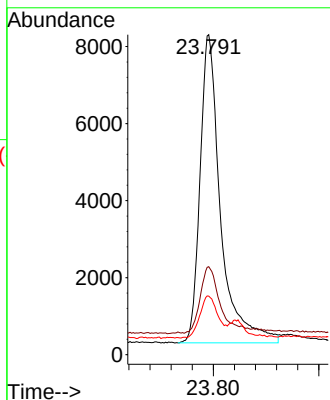
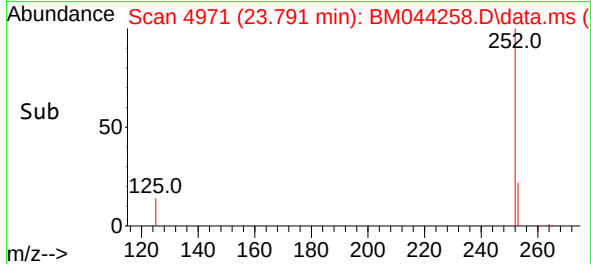


#26
Benzo(a)pyrene
Concen: 0.484 ng/ul
RT: 23.791 min Scan# 4971
Delta R.T. 0.006 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39

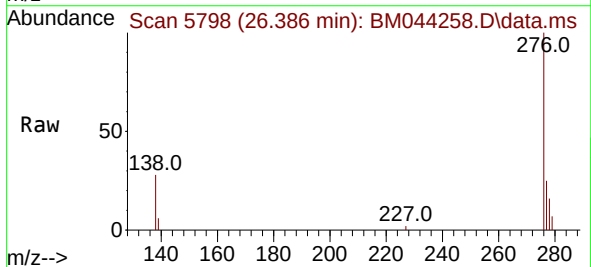
Instrument :
BNA_M
ClientSampleId :
SLCS099



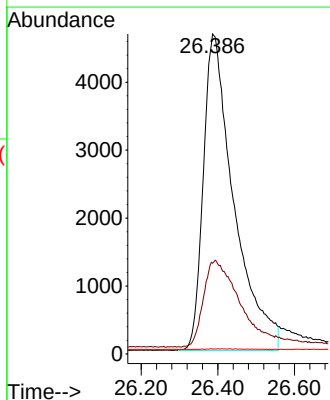
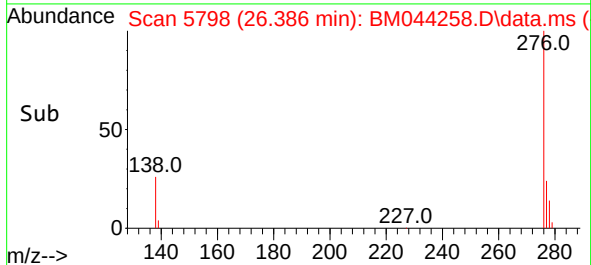
Tgt Ion:	252	Resp:	21623
Ion Ratio	Lower	Upper	
252	100		
253	27.5	21.4	32.2
125	18.3	13.3	19.9

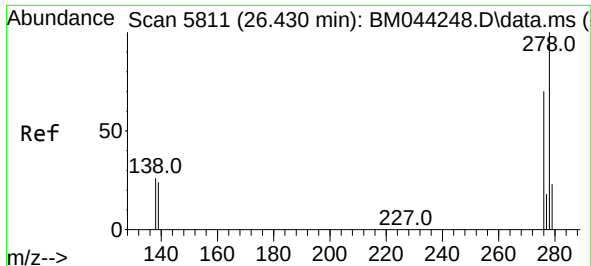


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng/ul
RT: 26.386 min Scan# 5798
Delta R.T. 0.017 min
Lab File: BM044258.D
Acq: 23 Feb 2024 02:39



Tgt Ion:	276	Resp:	25824
Ion Ratio	Lower	Upper	
276	100		
138	0.0	25.2	37.8#
227	0.1	0.1	0.1#

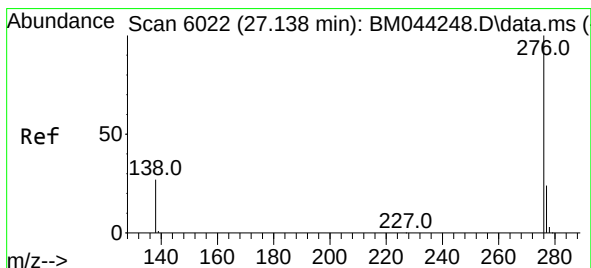
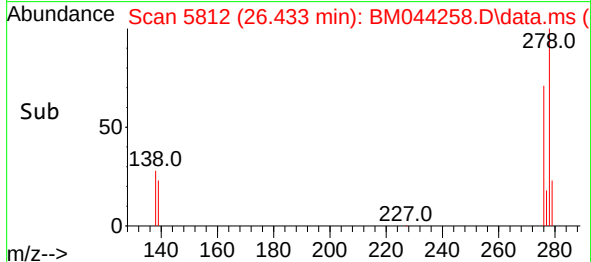
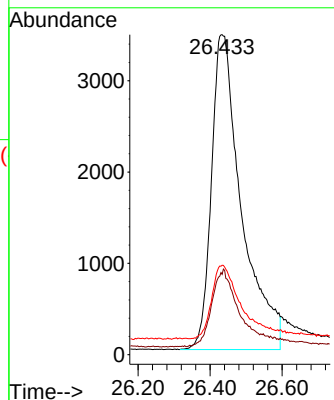
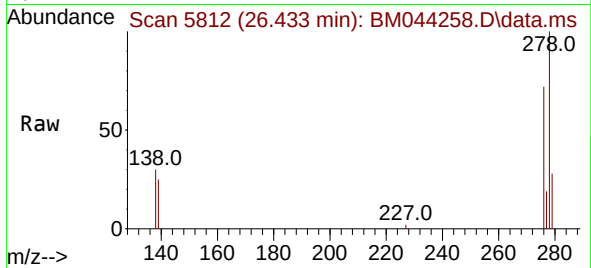




#28
 Dibenzo(a,h)anthracene
 Concen: 0.447 ng/ul
 RT: 26.433 min Scan# 5811
 Delta R.T. 0.024 min
 Lab File: BM044258.D
 Acq: 23 Feb 2024 02:39

Instrument :
 BNA_M
 ClientSampleId :
 SLCS099

Tgt Ion:	278	Resp:	20017
Ion Ratio	Lower	Upper	
278	100		
139	25.1	17.8	26.8
279	28.0	21.8	32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.466 ng/ul
 RT: 27.138 min Scan# 6022
 Delta R.T. 0.010 min
 Lab File: BM044258.D
 Acq: 23 Feb 2024 02:39

Tgt Ion:	276	Resp:	23439
Ion Ratio	Lower	Upper	
276	100		
138	29.4	22.7	34.1
277	24.7	19.0	28.6

