

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
 Data File : BM042258.D
 Acq On : 10 Oct 2023 19:34
 Operator : MA/JU
 Sample : PB156057BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS057

Quant Time: Oct 11 00:47:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 14:01:53 2023
 Response via : Initial Calibration

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

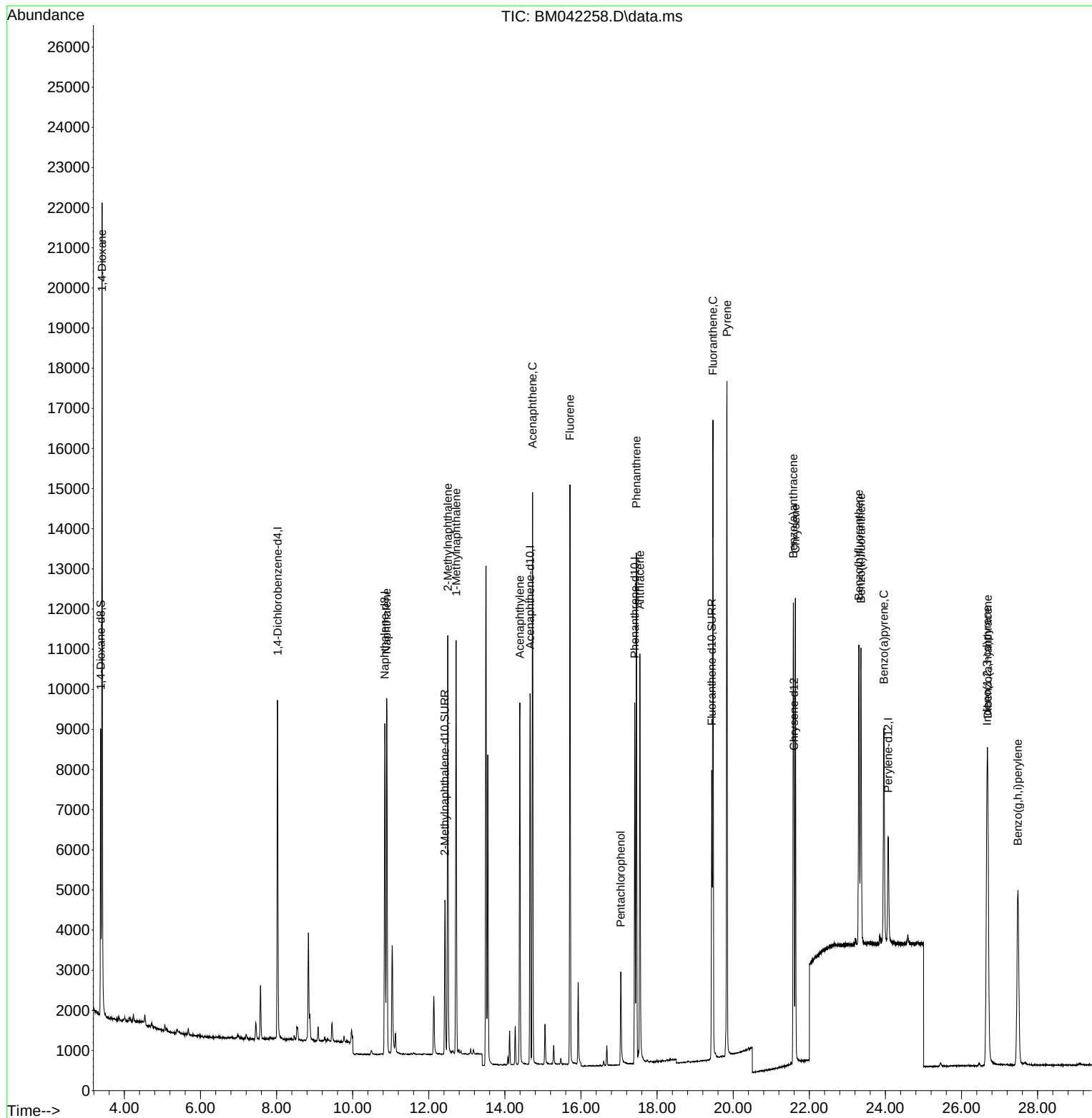
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	4213	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	10589	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	4709	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	8859	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.597	240	3771	0.400	ng/ul	0.00
23) Perylene-d12	24.073	264	3726	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	3957	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4966	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	6015	0.425	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.414	88	11708	1.998	ng/ul#	76
5) Naphthalene	10.894	128	11937	0.338	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	7220	0.341	ng/ul	98
8) 1-Methylnaphthalene	12.720	142	7038	0.330	ng/ul	99
10) Acenaphthylene	14.393	152	10406	0.350	ng/ul	99
11) Acenaphthene	14.726	153	7968	0.354	ng/ul	99
12) Fluorene	15.711	166	8744	0.345	ng/ul	97
14) Pentachlorophenol	17.046	266	1766	0.440	ng/ul	99
15) Phenanthrene	17.455	178	13106	0.359	ng/ul	100
16) Anthracene	17.548	178	11276	0.337	ng/ul	99
19) Fluoranthene	19.468	202	12914	0.451	ng/ul	95
20) Pyrene	19.836	202	13195	0.433	ng/ul	94
21) Benzo(a)anthracene	21.580	228	9352	0.384	ng/ul	100
22) Chrysene	21.635	228	9671	0.408	ng/ul	99
24) Benzo(b)fluoranthene	23.304	252	9670	0.440	ng/ul	97
25) Benzo(k)fluoranthene	23.357	252	9405	0.435	ng/ul	97
26) Benzo(a)pyrene	23.959	252	8291	0.438	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.669	276	11213	0.418	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.689	278	8320	0.411	ng/ul#	94
29) Benzo(g,h,i)perylene	27.481	276	9587	0.427	ng/ul	94

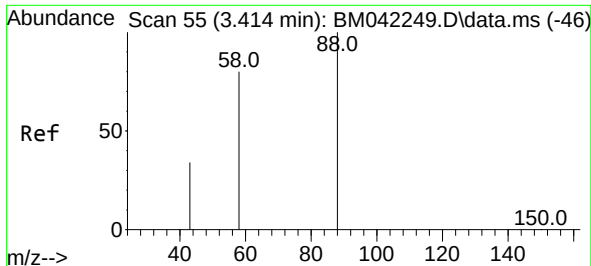
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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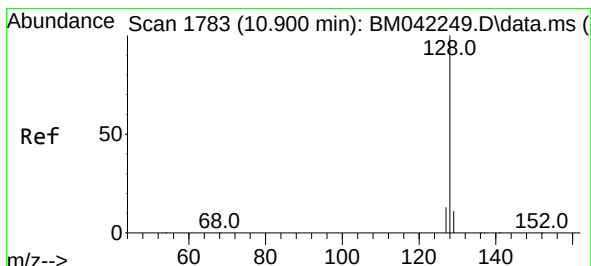
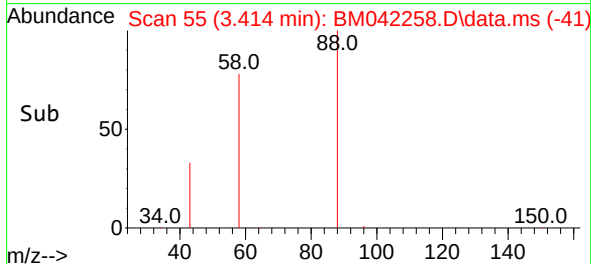
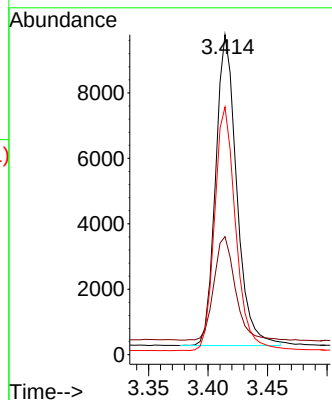
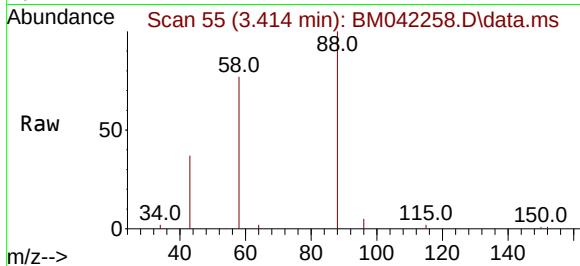




#2
1,4-Dioxane
Concen: 1.998 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

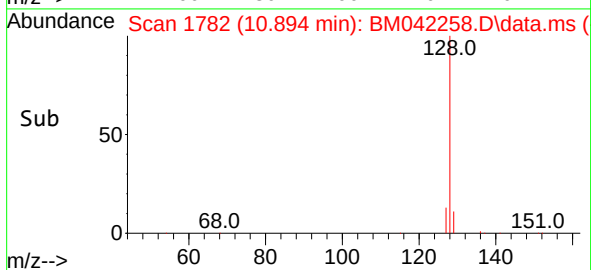
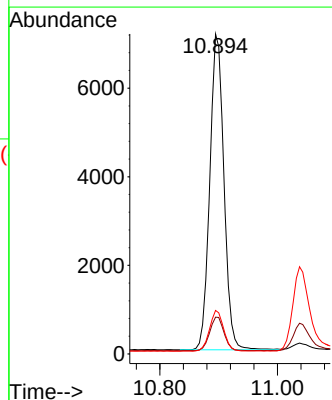
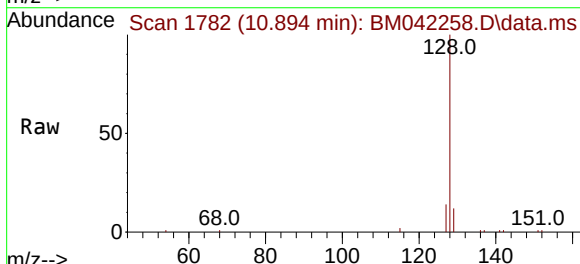
Instrument :
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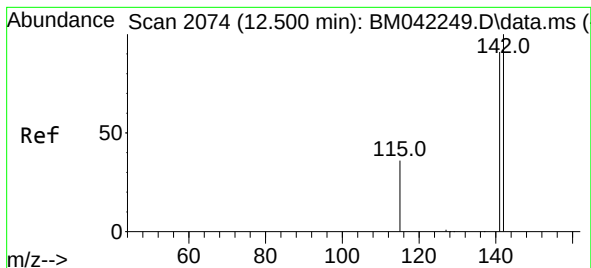
Tgt Ion: 88 Resp: 11708
Ion Ratio Lower Upper
88 100
43 36.9 52.1 78.1#
58 77.4 53.8 80.6



#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.894 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion: 128 Resp: 11937
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.6 11.0 16.4

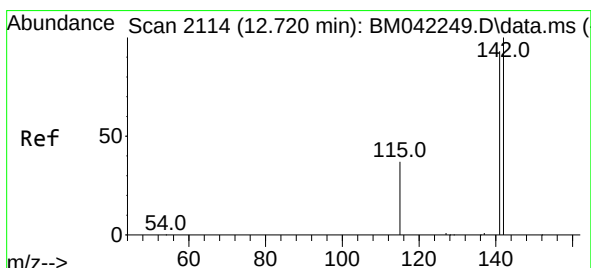
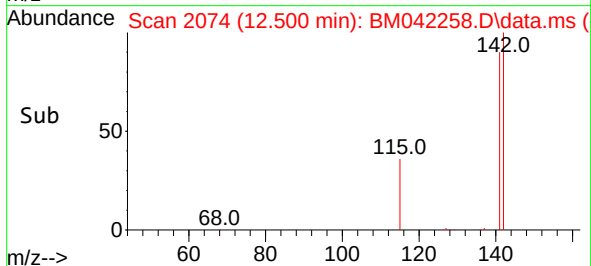
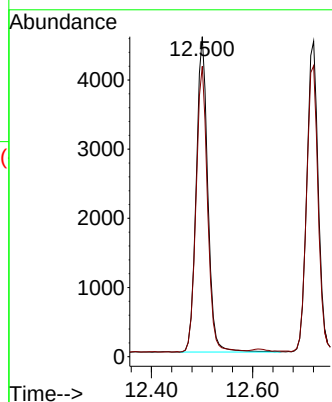
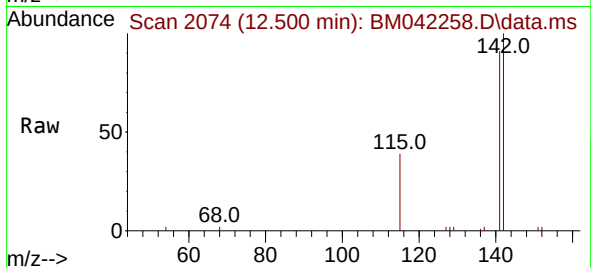




#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

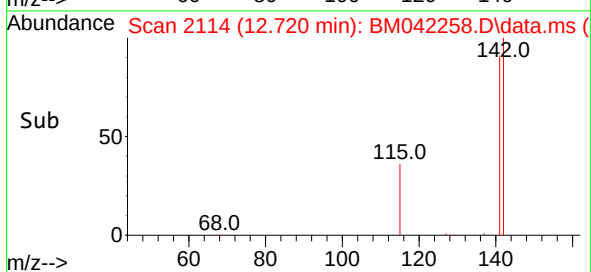
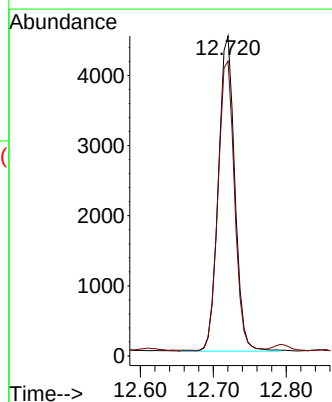
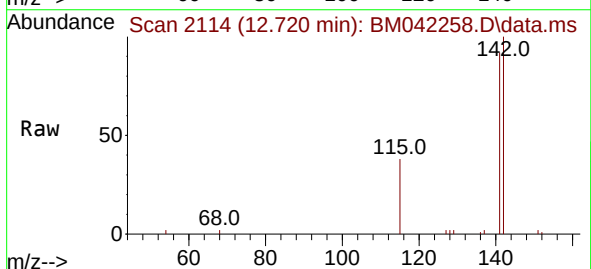
Instrument :
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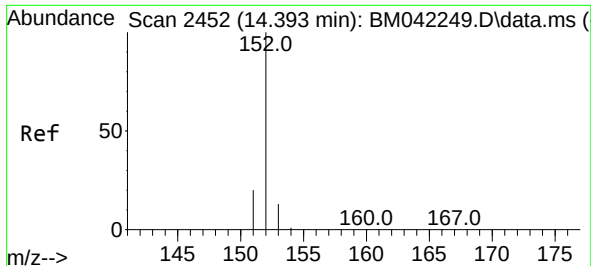
Tgt Ion:142 Resp: 7220
Ion Ratio Lower Upper
142 100
141 90.0 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:142 Resp: 7038
Ion Ratio Lower Upper
142 100
141 93.0 73.5 110.3

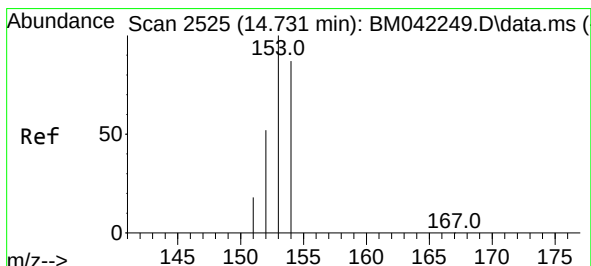
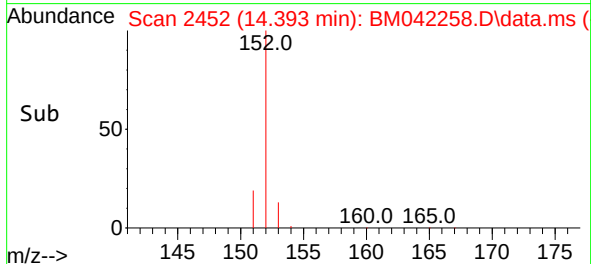
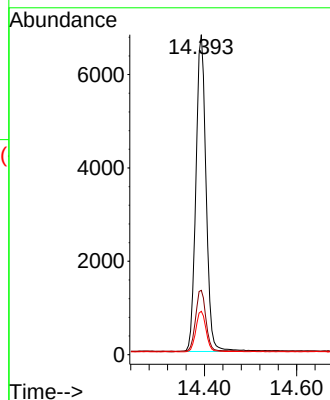
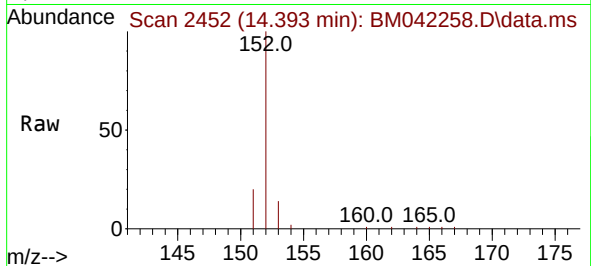




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.393 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

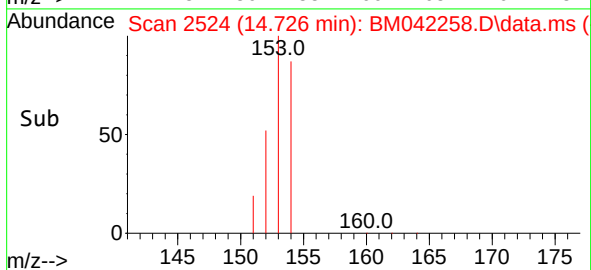
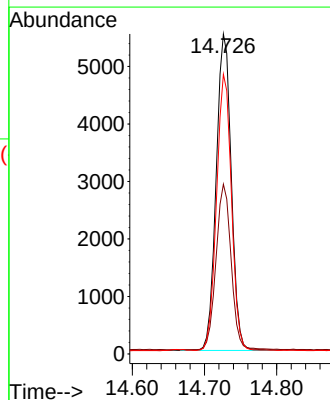
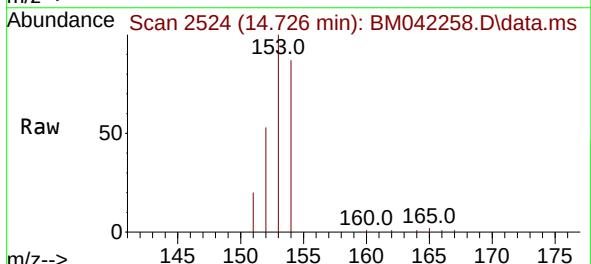
Instrument :
BNA_M
ClientSampleId :
SLCS057

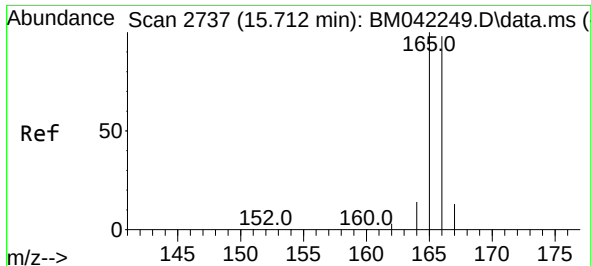
Tgt Ion:152	Resp:	10406
Ion Ratio	Lower	Upper
152	100	
151	20.1	16.4 24.6
153	13.6	10.9 16.3



#11
Acenaphthene
Concen: 0.354 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:153	Resp:	7968
Ion Ratio	Lower	Upper
153	100	
152	53.1	41.1 61.7
154	87.4	69.5 104.3

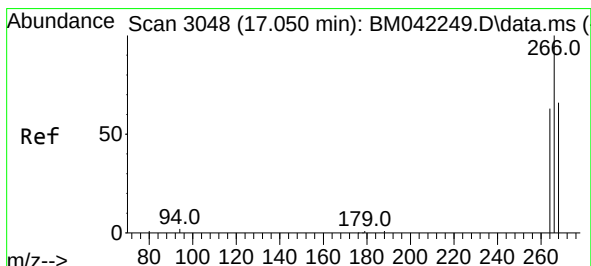
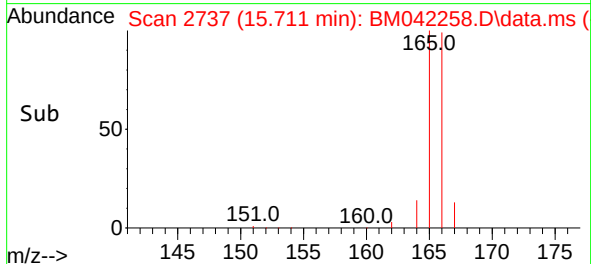
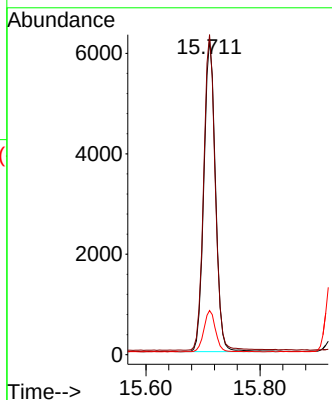
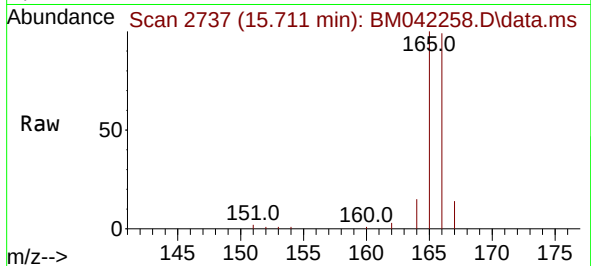




#12
Fluorene
Concen: 0.345 ng/ul
RT: 15.711 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

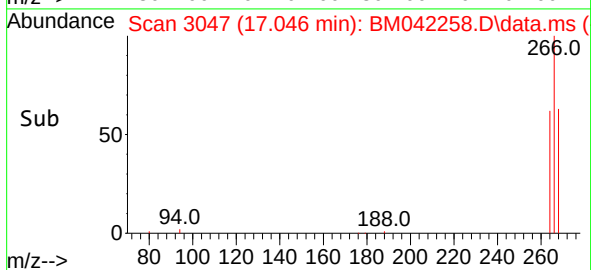
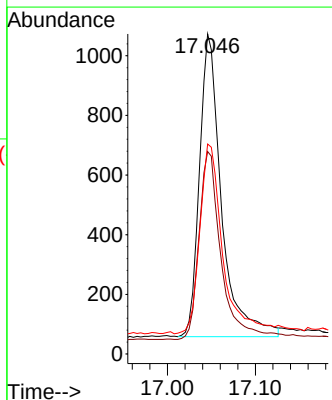
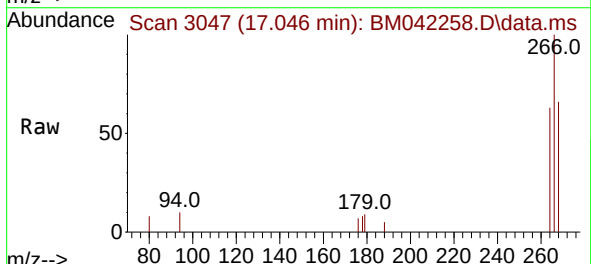
Instrument :
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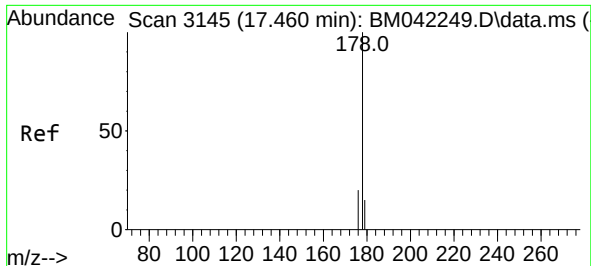
Tgt Ion:166 Resp: 8744
Ion Ratio Lower Upper
166 100
165 101.5 78.4 117.6
167 14.0 11.5 17.3



#14
Pentachlorophenol
Concen: 0.440 ng/ul
RT: 17.046 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:266 Resp: 1766
Ion Ratio Lower Upper
266 100
264 62.6 51.1 76.7
268 66.1 52.1 78.1

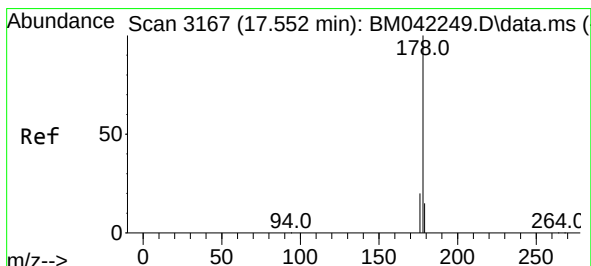
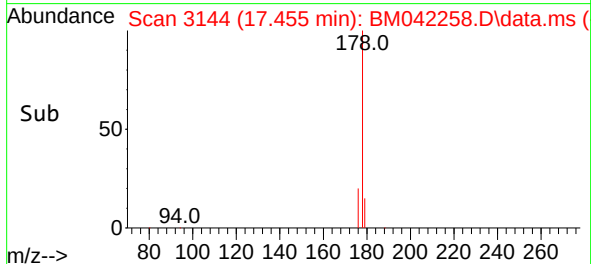
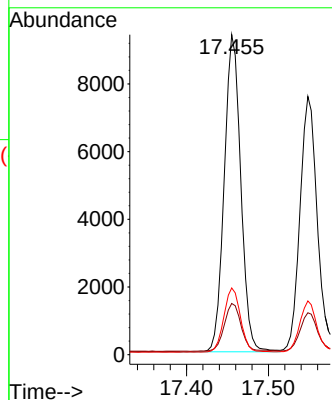
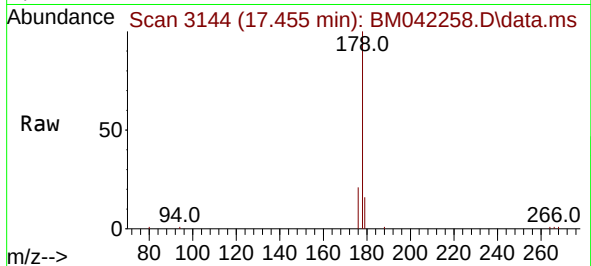




#15
Phenanthrene
Concen: 0.359 ng/ul
RT: 17.455 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

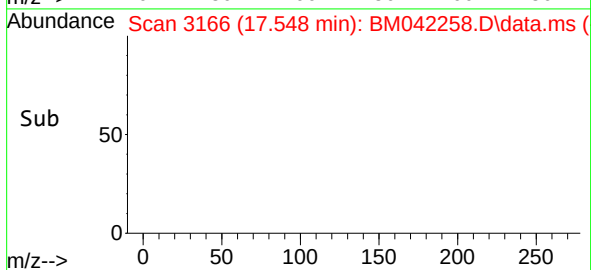
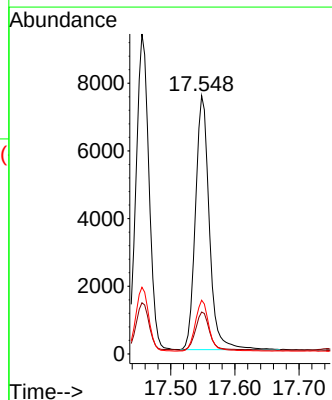
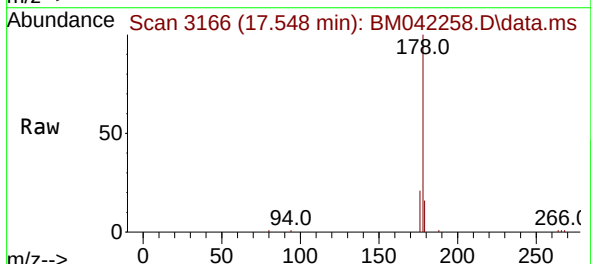
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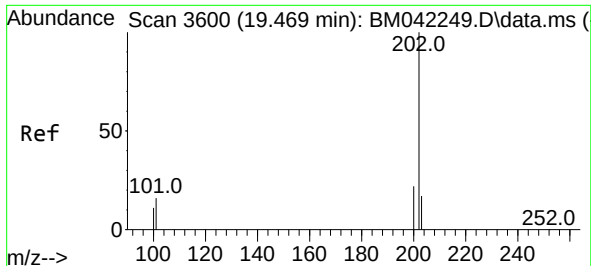
Tgt Ion:178 Resp: 13106
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 20.9 16.8 25.2



#16
Anthracene
Concen: 0.337 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:178 Resp: 11276
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 20.8 16.3 24.5

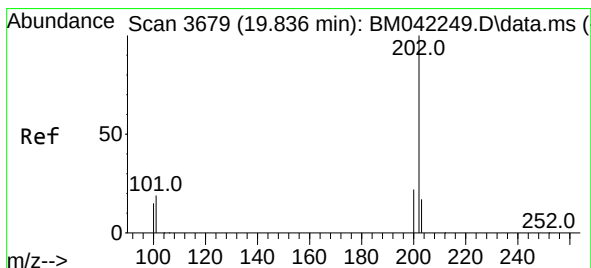
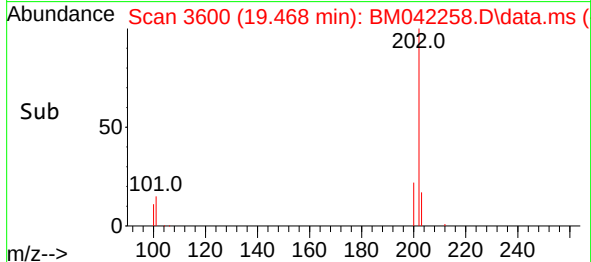
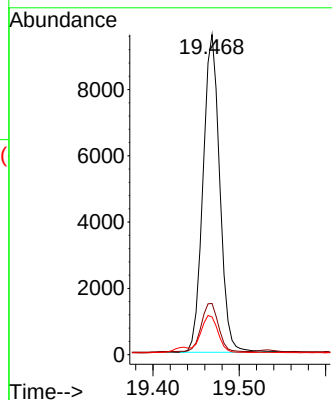
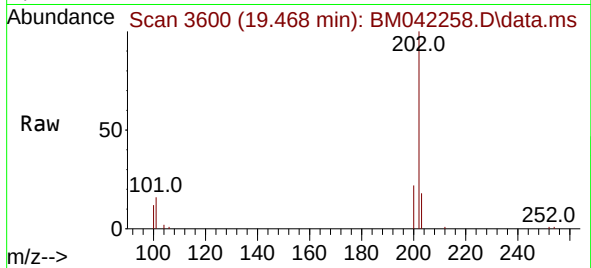




#19
Fluoranthene
Concen: 0.451 ng/ul
RT: 19.468 min Scan# 3600
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

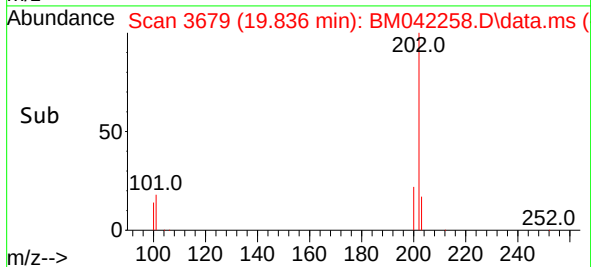
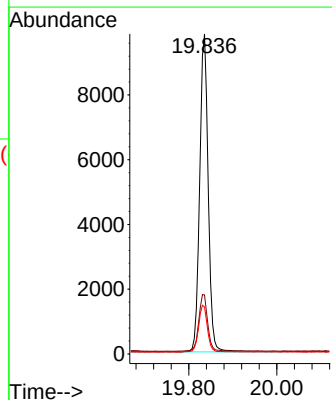
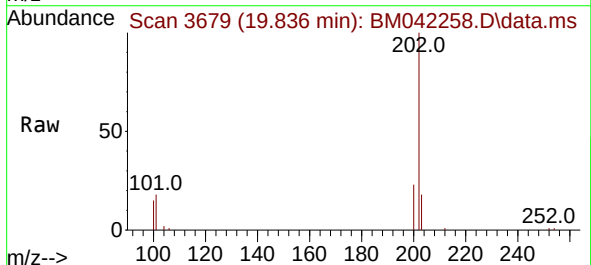
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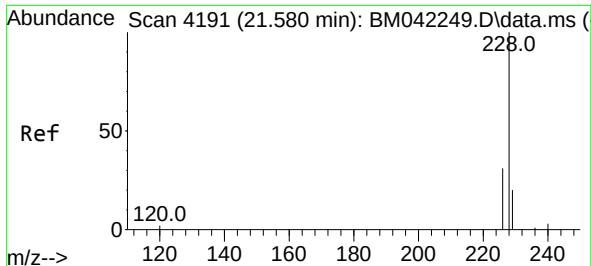
Tgt Ion:202 Resp: 12914
Ion Ratio Lower Upper
202 100
101 16.0 11.1 16.7
100 11.8 8.2 12.2



#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:202 Resp: 13195
Ion Ratio Lower Upper
202 100
101 18.5 12.7 19.1
100 14.7 9.9 14.9

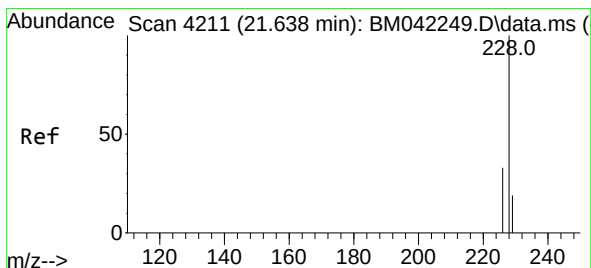
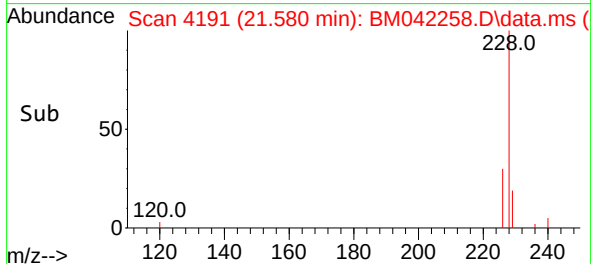
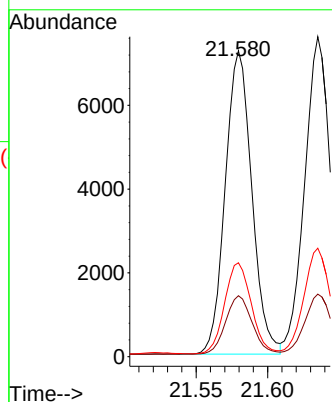
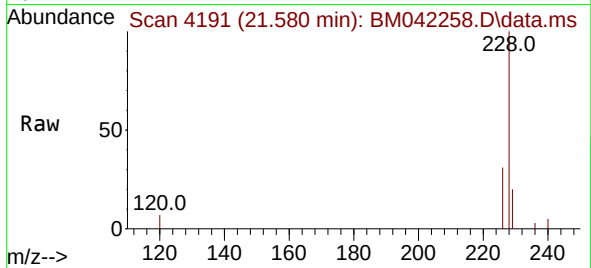




#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

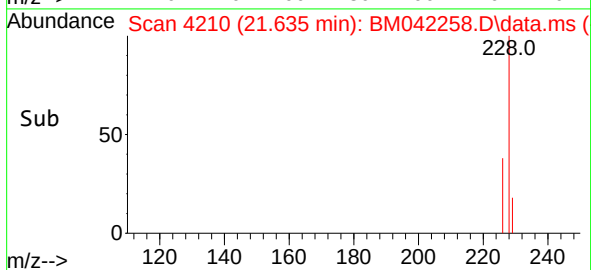
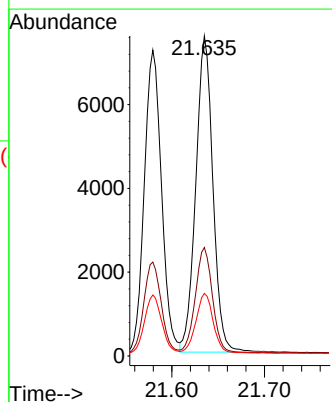
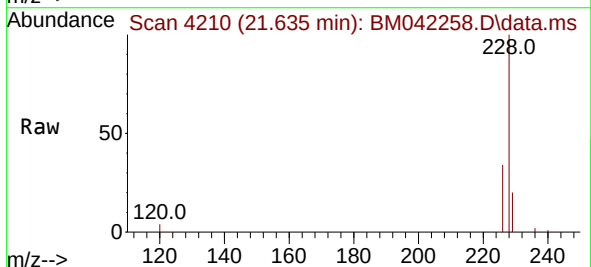
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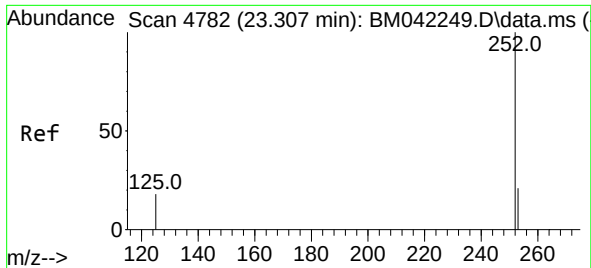
Tgt Ion:228 Resp: 9352
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 30.7 24.6 37.0



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.635 min Scan# 4210
Delta R.T. -0.003 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:228 Resp: 9671
Ion Ratio Lower Upper
228 100
226 33.9 26.7 40.1
229 19.6 15.8 23.8

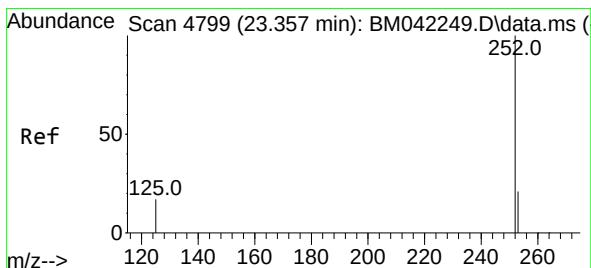
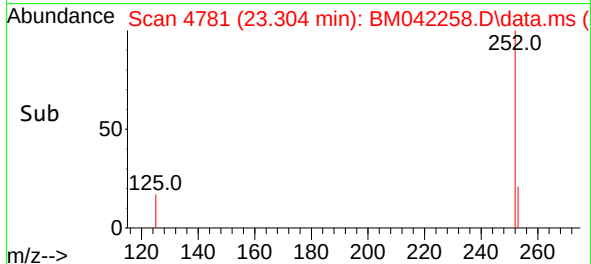
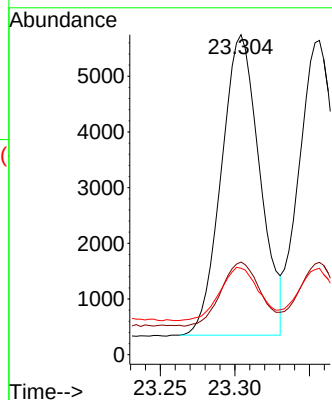
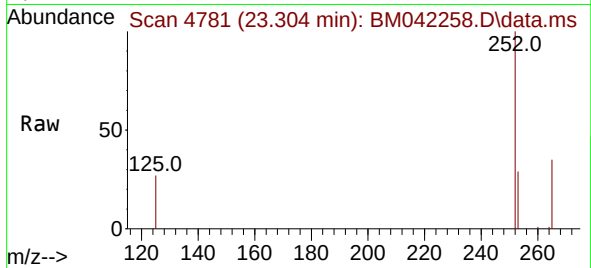




#24
Benzo(b)fluoranthene
Concen: 0.440 ng/ul
RT: 23.304 min Scan# 4781
Delta R.T. -0.003 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

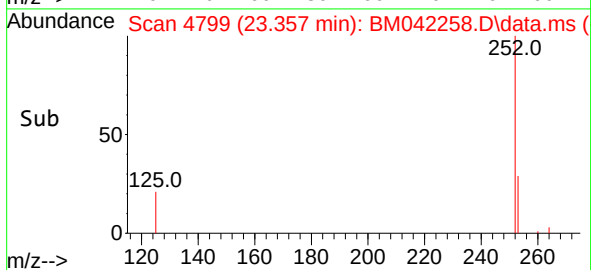
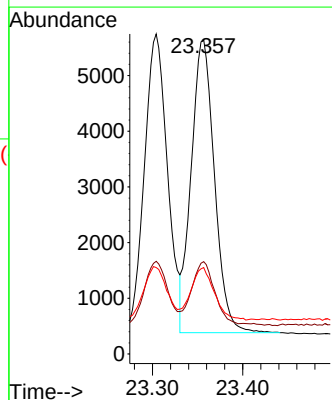
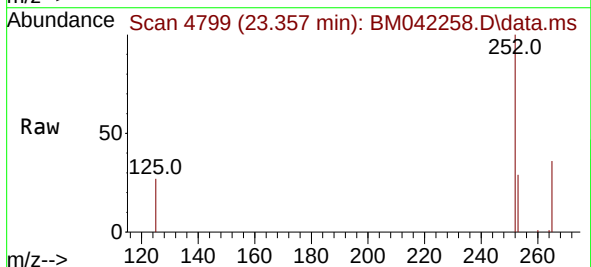
Instrument :
BNA_M
ClientSampleId :
SLCS057

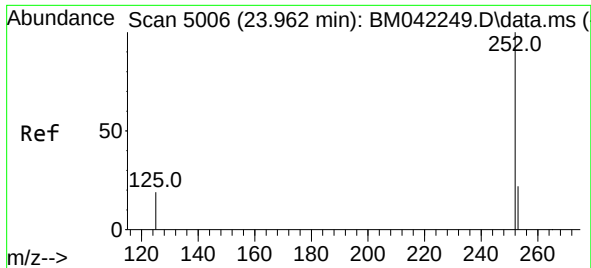
Tgt Ion:252 Resp: 9670
Ion Ratio Lower Upper
252 100
253 29.0 0.0 59.0
125 27.0 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 23.357 min Scan# 4799
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:252 Resp: 9405
Ion Ratio Lower Upper
252 100
253 29.4 23.4 35.0
125 27.5 19.9 29.9

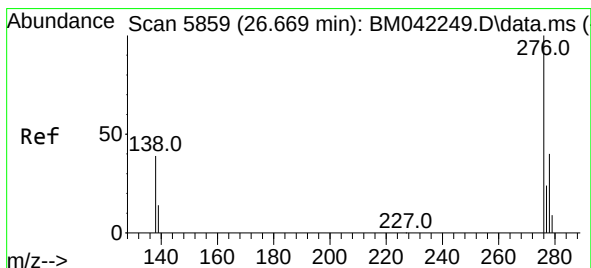
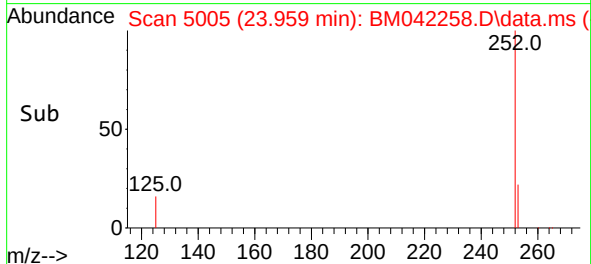
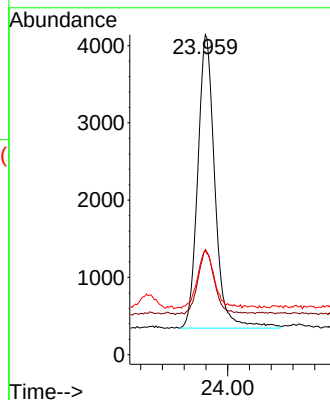
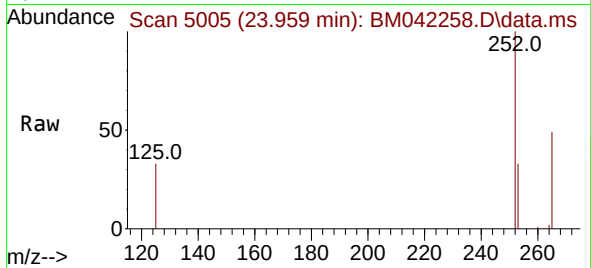




#26
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.959 min Scan# 5005
Delta R.T. -0.003 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

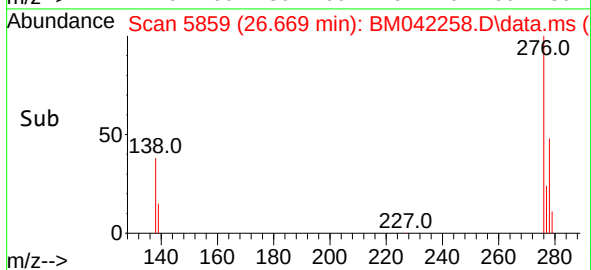
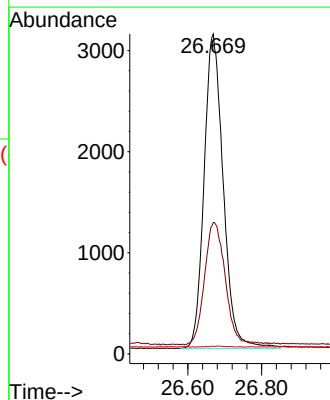
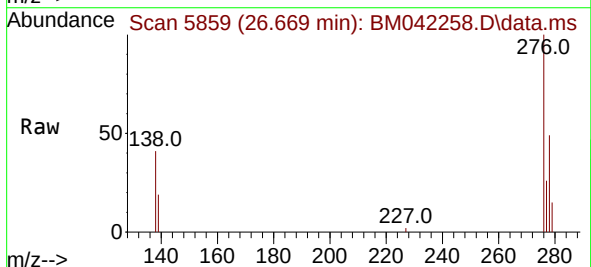
Instrument :
BNA_M
ClientSampleId :
SLCS057

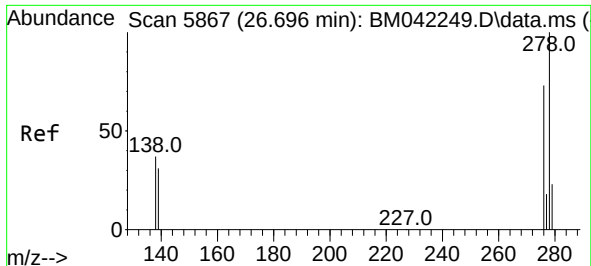
Tgt Ion:252	Resp:	8291
Ion Ratio	Lower	Upper
252	100	
253	32.9	25.3 37.9
125	32.6	23.2 34.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng/ul
RT: 26.669 min Scan# 5859
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:276	Resp:	11213
Ion Ratio	Lower	Upper
276	100	
138	41.9	26.7 40.1#
227	0.1	0.2 0.2#

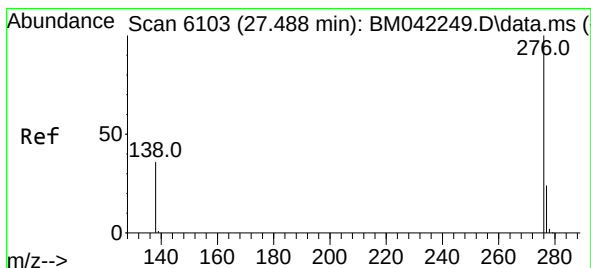
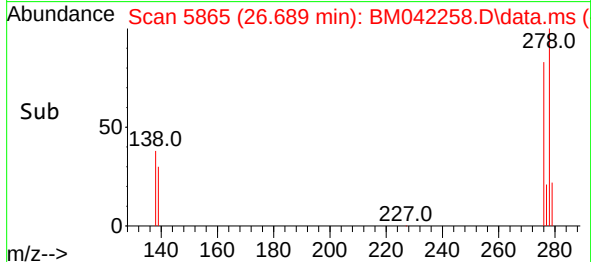
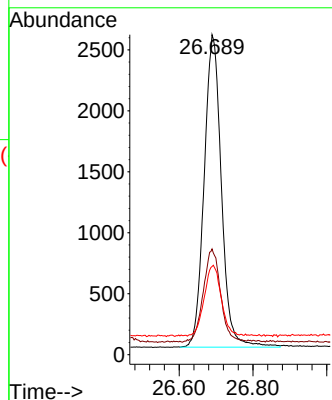
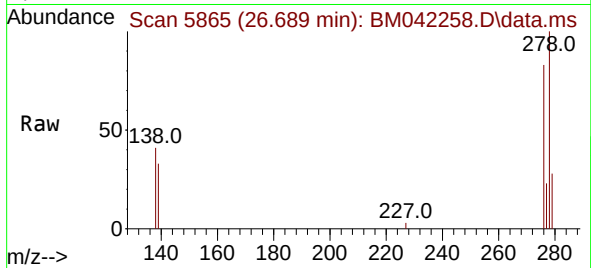




#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 26.689 min Scan# 5865
Delta R.T. -0.007 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Instrument :
BNA_M
ClientSampleId :
SLCS057

Tgt Ion:278 Resp: 8320
Ion Ratio Lower Upper
278 100
139 33.0 21.7 32.5#
279 27.5 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 27.481 min Scan# 6101
Delta R.T. -0.007 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:276 Resp: 9587
Ion Ratio Lower Upper
276 100
138 39.3 26.8 40.2
277 25.1 20.1 30.1

