

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031224\
 Data File : BM044589.D
 Acq On : 12 Mar 2024 13:41
 Operator : MA/JU
 Sample : SP6446
 Misc : SFAM-SIM-SPIKE
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP6446

Quant Time: Mar 12 14:32:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 14:02:17 2024
 Response via : Initial Calibration

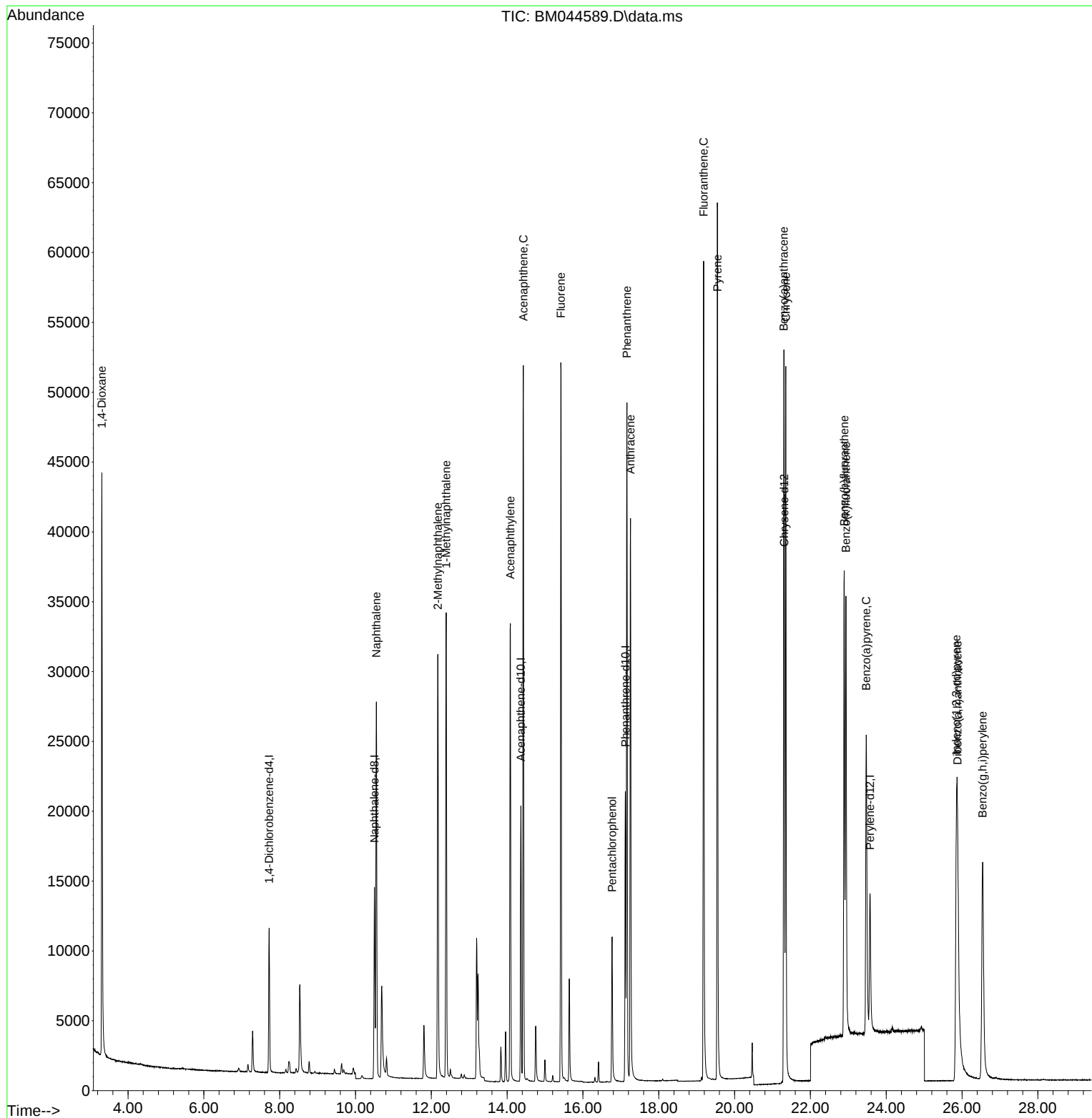
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.723	152	5755	0.400	ng/ul	0.00
4) Naphthalene-d8	10.501	136	19082	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.362	164	11080	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.119	188	24961	0.400	ng/ul	0.00
17) Chrysene-d12	21.313	240	16726	0.400	ng/ul	0.00
23) Perylene-d12	23.575	264	15475	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng/ul	
18) Fluoranthene-d10	0.000	212	0d	0.000	ng/ul	
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	27802	3.606	ng/ul#	67
5) Naphthalene	10.550	128	38107	0.710	ng/ul	99
7) 2-Methylnaphthalene	12.173	142	24821	0.731	ng/ul	98
8) 1-Methylnaphthalene	12.393	142	24145	0.704	ng/ul	100
10) Acenaphthylene	14.085	152	39884	0.709	ng/ul	99
11) Acenaphthene	14.427	153	29301	0.721	ng/ul	99
12) Fluorene	15.417	166	34049	0.733	ng/ul	100
14) Pentachlorophenol	16.769	266	8219	1.365	ng/ul	97
15) Phenanthrene	17.161	178	54165	0.723	ng/ul	99
16) Anthracene	17.254	178	50657	0.720	ng/ul	99
19) Fluoranthene	19.182	202	57747	0.705	ng/ul	99
20) Pyrene	19.549	202	59646	0.711	ng/ul	98
21) Benzo(a)anthracene	21.298	228	46307	0.727	ng/ul	100
22) Chrysene	21.351	228	49687	0.695	ng/ul	99
24) Benzo(b)fluoranthene	22.891	252	43636	0.739	ng/ul	95
25) Benzo(k)fluoranthene	22.938	252	45989	0.719	ng/ul	93
26) Benzo(a)pyrene	23.473	252	38083	0.710	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.853	276	43509	0.705	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.880	278	33311	0.700	ng/ul	95
29) Benzo(g,h,i)perylene	26.544	276	38210	0.705	ng/ul	99

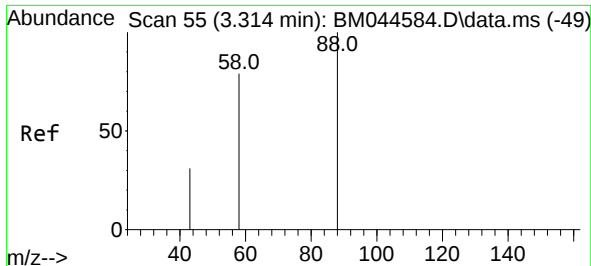
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 12 14:32:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 14:02:17 2024
Response via : Initial Calibration

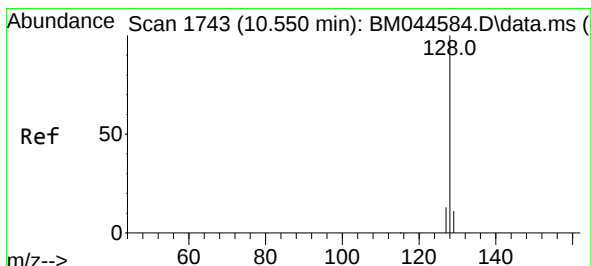
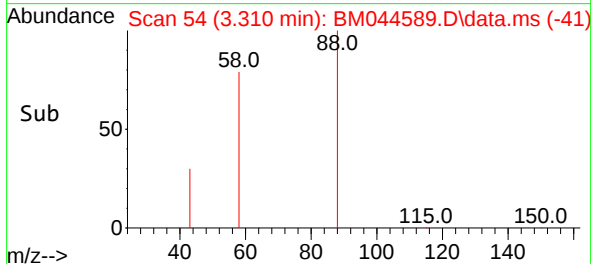
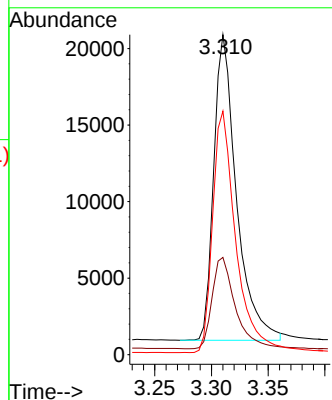
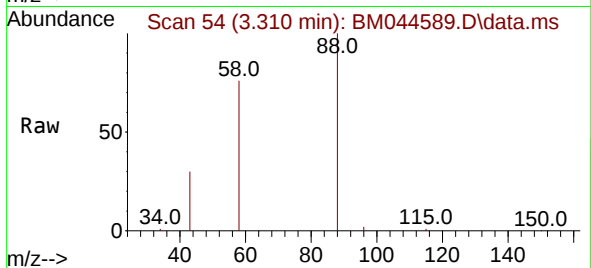




#2
1,4-Dioxane
Concen: 3.606 ng/ul
RT: 3.310 min Scan# 54
Delta R.T. -0.005 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

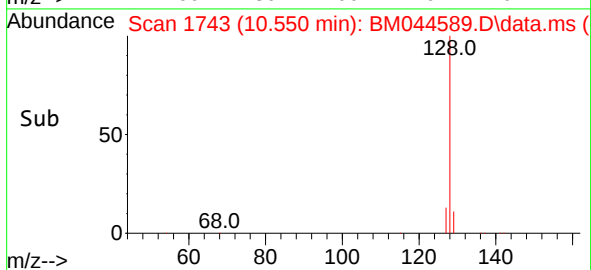
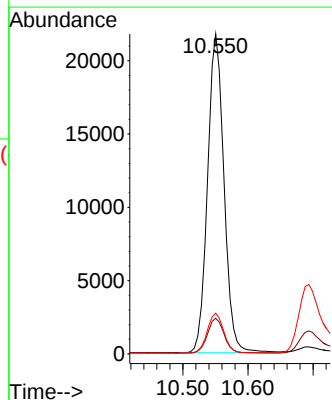
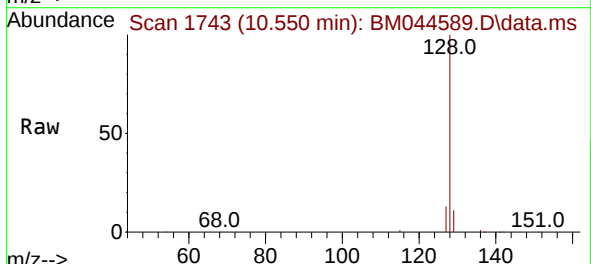
Instrument :
BNA_M
ClientSampleId :
SP6446

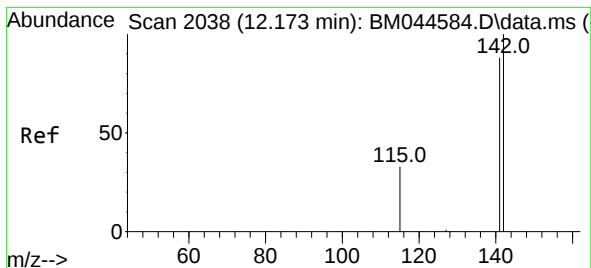
Tgt Ion: 88 Resp: 27802
Ion Ratio Lower Upper
88 100
43 30.4 21.4 32.0
58 76.1 35.6 53.4#



#5
Naphthalene
Concen: 0.710 ng/ul
RT: 10.550 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

Tgt Ion: 128 Resp: 38107
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 12.8 10.3 15.5

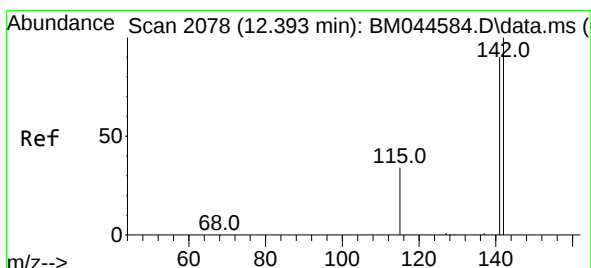
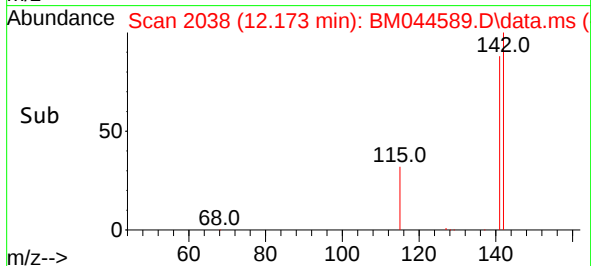
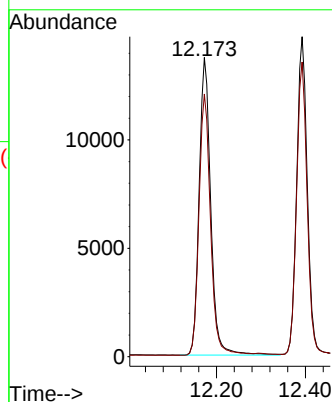
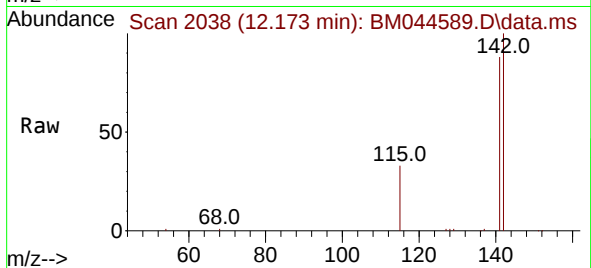




#7
2-Methylnaphthalene
Concen: 0.731 ng/ul
RT: 12.173 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

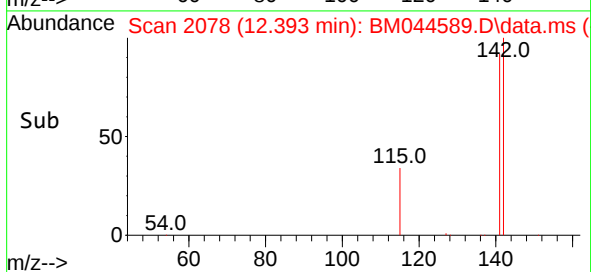
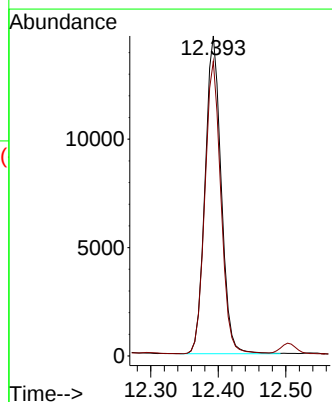
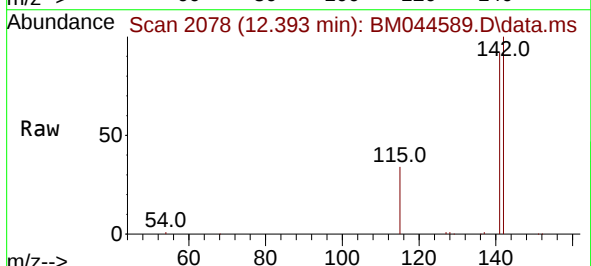
Instrument :
BNA_M
ClientSampleId :
SP6446

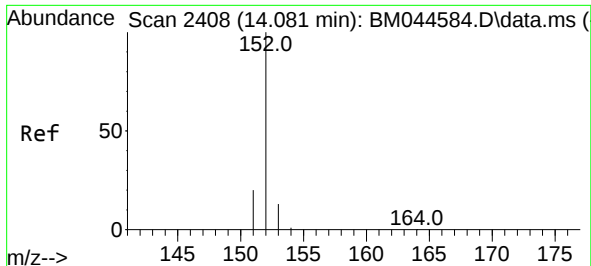
Tgt Ion:142 Resp: 24821
Ion Ratio Lower Upper
142 100
141 87.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.704 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

Tgt Ion:142 Resp: 24145
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7

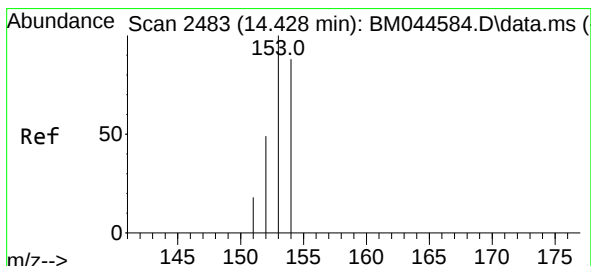
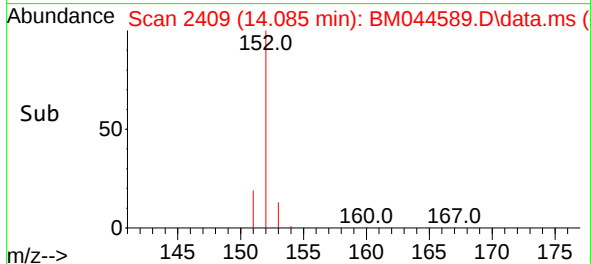
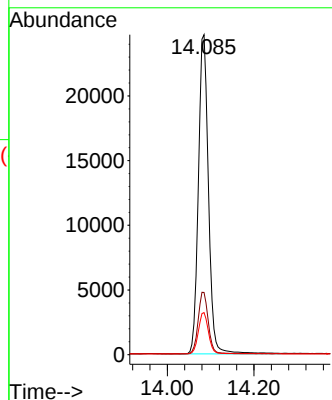
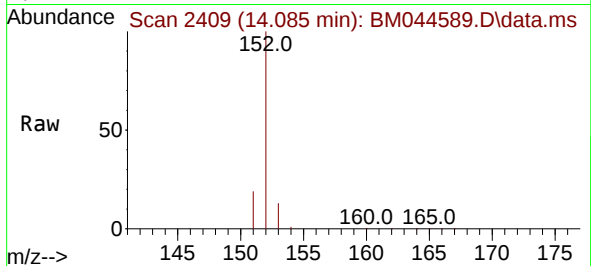




#10
Acenaphthylene
Concen: 0.709 ng/ul
RT: 14.085 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

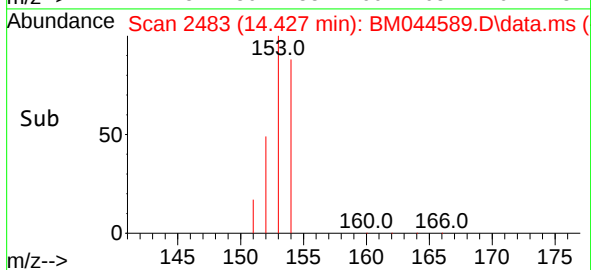
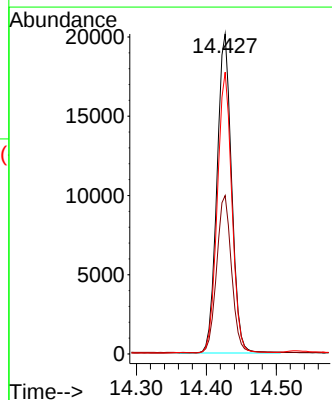
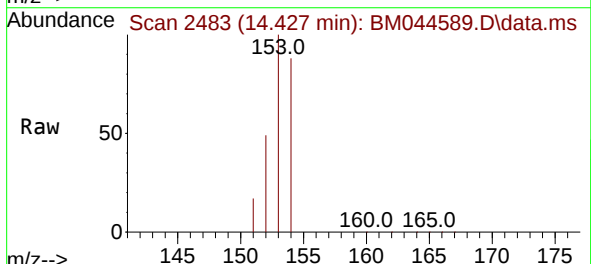
Instrument :
BNA_M
ClientSampleId :
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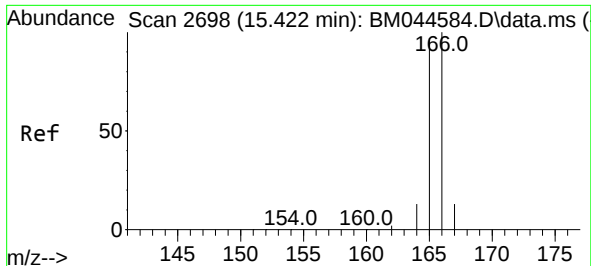
Tgt Ion:152 Resp: 39884
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.1 10.8 16.2



#11
Acenaphthene
Concen: 0.721 ng/ul
RT: 14.427 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

Tgt Ion:153 Resp: 29301
Ion Ratio Lower Upper
153 100
152 49.5 40.7 61.1
154 88.1 70.6 106.0

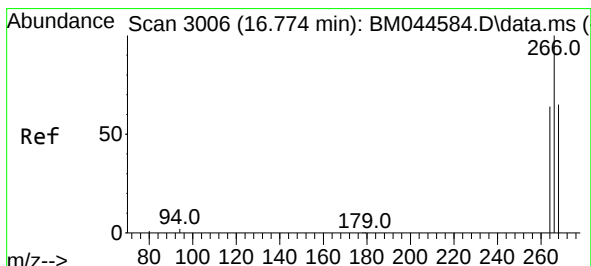
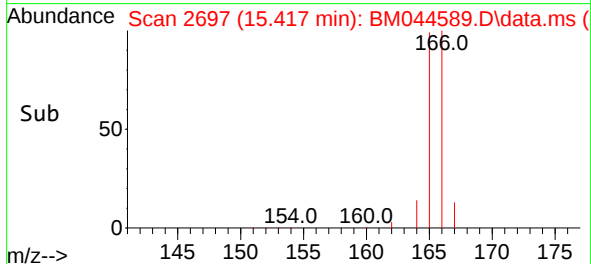
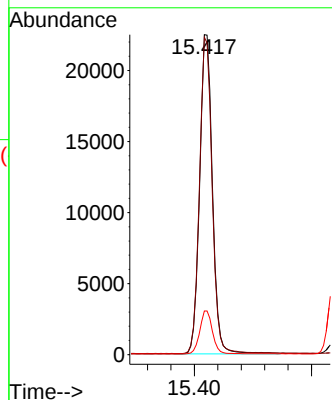
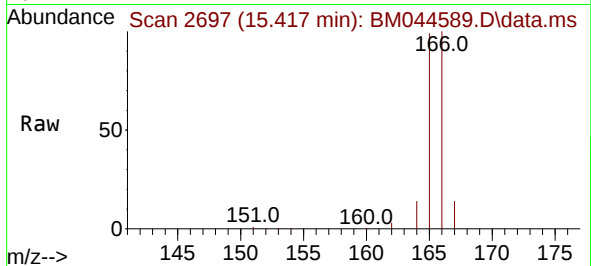




#12
 Fluorene
 Concen: 0.733 ng/ul
 RT: 15.417 min Scan# 20
 Delta R.T. -0.005 min
 Lab File: BM044589.D
 Acq: 12 Mar 2024 13:41

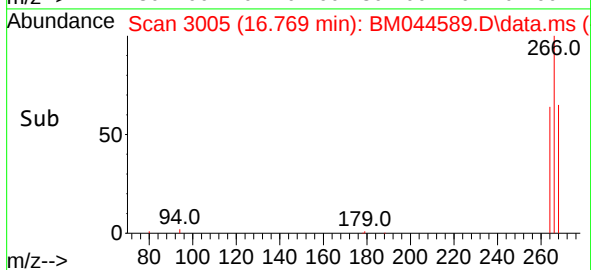
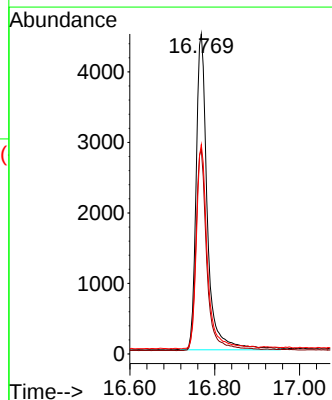
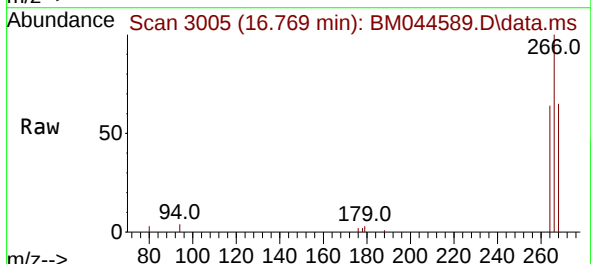
Instrument :
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 ClientSampleId :
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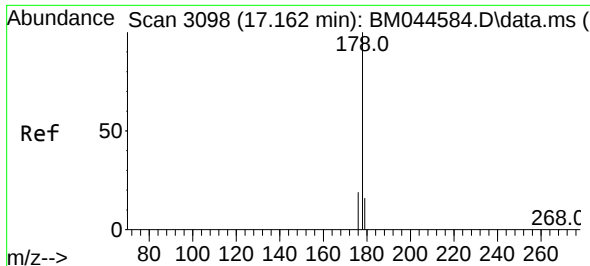
Tgt Ion:166 Resp: 34049
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.4 119.0
 167 13.7 11.0 16.6



#14
 Pentachlorophenol
 Concen: 1.365 ng/ul
 RT: 16.769 min Scan# 3005
 Delta R.T. -0.009 min
 Lab File: BM044589.D
 Acq: 12 Mar 2024 13:41

Tgt Ion:266 Resp: 8219
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.5 74.3
 268 63.7 48.1 72.1

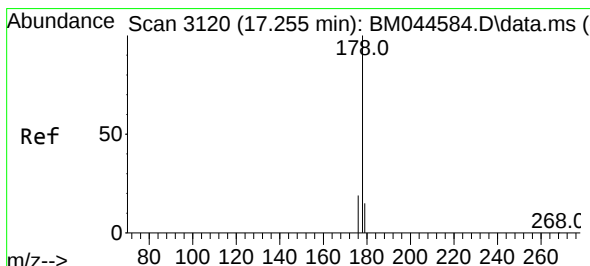
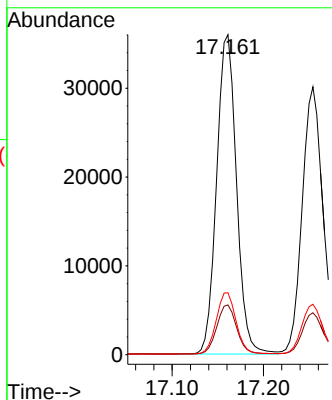
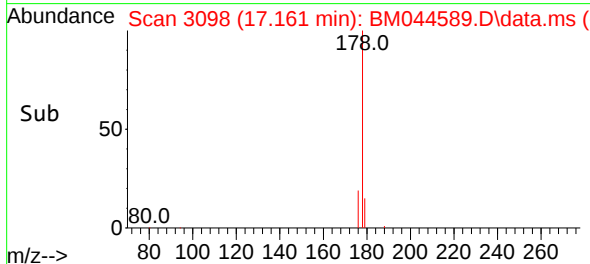
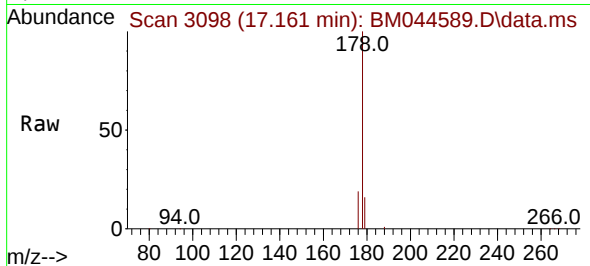




#15
Phenanthrene
Concen: 0.723 ng/ul
RT: 17.161 min Scan# 3098
Delta R.T. -0.000 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

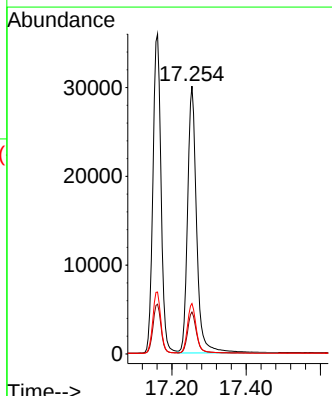
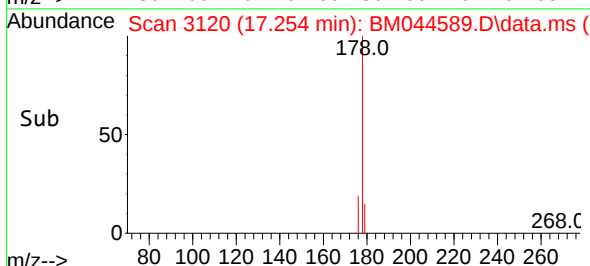
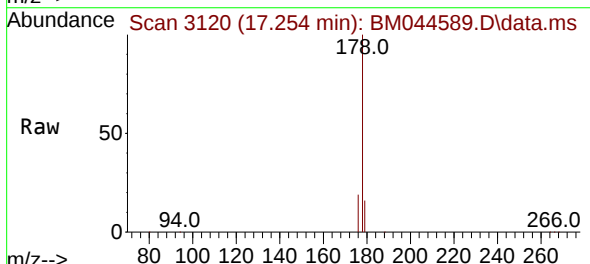
Instrument :
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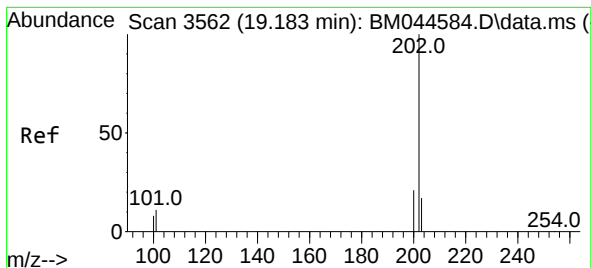
Tgt Ion:	178	Resp:	54165
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.5	18.7
176	19.4	15.8	23.8



#16
Anthracene
Concen: 0.720 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

Tgt Ion:	178	Resp:	50657
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	18.8	15.2	22.8





#19

Fluoranthene

Concen: 0.705 ng/ul

RT: 19.182 min Scan# 3562

Delta R.T. -0.005 min

Lab File: BM044589.D

Acq: 12 Mar 2024 13:41

Instrument :

BNA_M

ClientSampleId :

SP6446

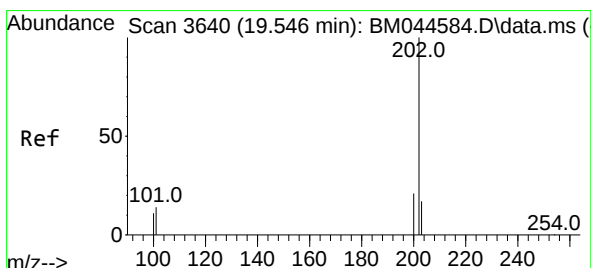
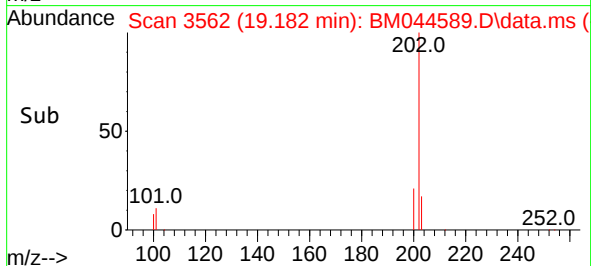
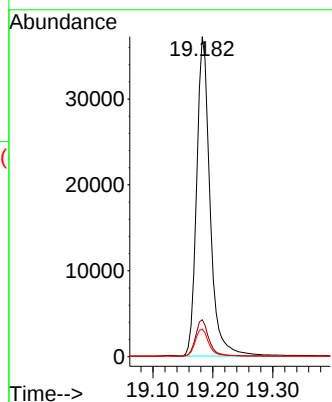
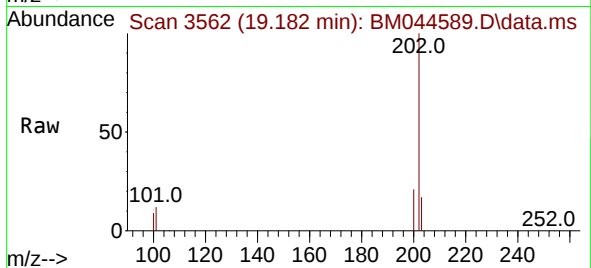
Tgt Ion:202 Resp: 57747

Ion Ratio Lower Upper

202 100

101 11.5 9.0 13.4

100 8.6 6.8 10.2



#20

Pyrene

Concen: 0.711 ng/ul

RT: 19.549 min Scan# 3641

Delta R.T. -0.000 min

Lab File: BM044589.D

Acq: 12 Mar 2024 13:41

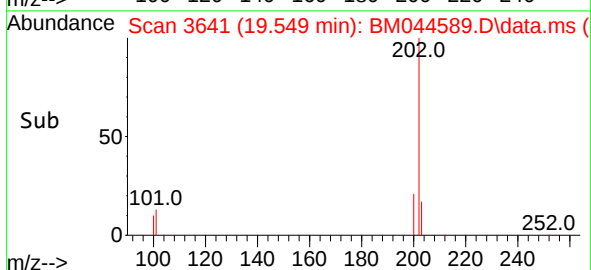
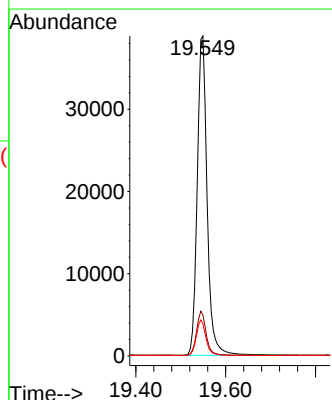
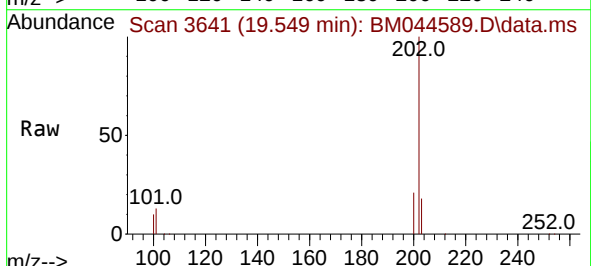
Tgt Ion:202 Resp: 59646

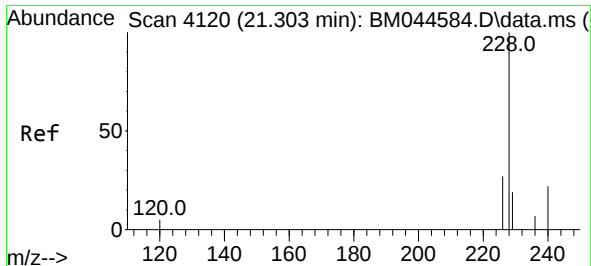
Ion Ratio Lower Upper

202 100

101 12.8 10.8 16.2

100 10.0 8.4 12.6

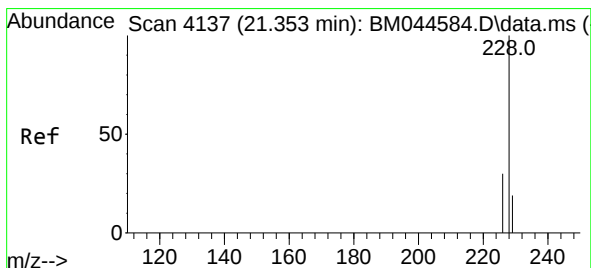
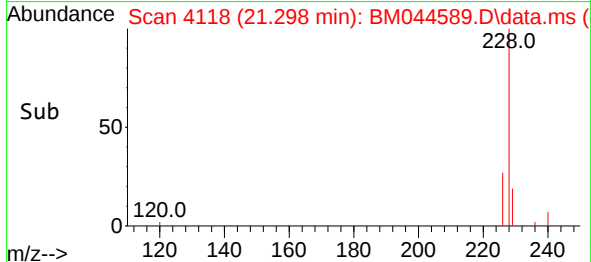
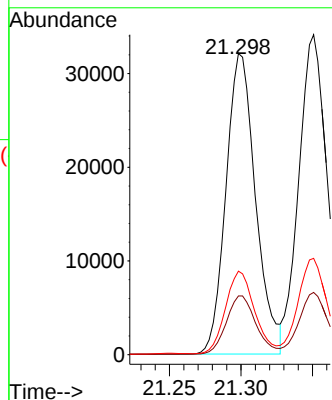
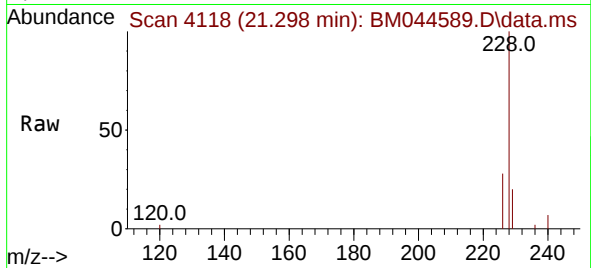




#21
Benzo(a)anthracene
Concen: 0.727 ng/ul
RT: 21.298 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

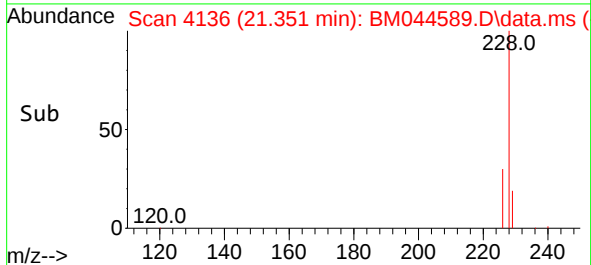
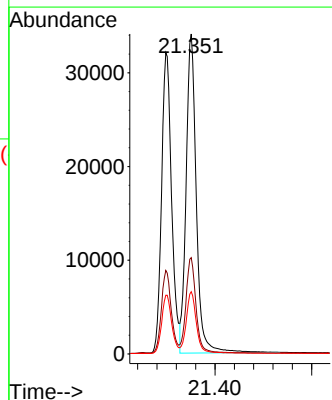
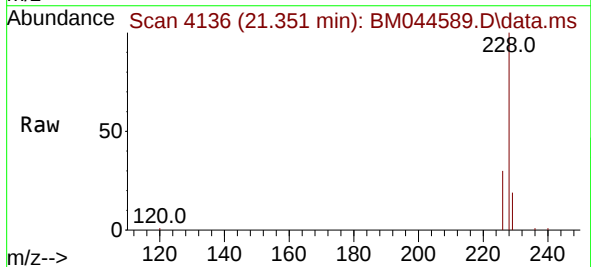
Instrument :
BNA_M
ClientSampleId :
SP6446

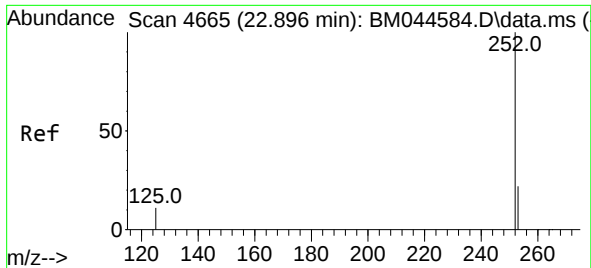
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Ion Ratio Lower Upper
228 100
229 19.5 15.9 23.9
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.695 ng/ul
RT: 21.351 min Scan# 4136
Delta R.T. -0.000 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

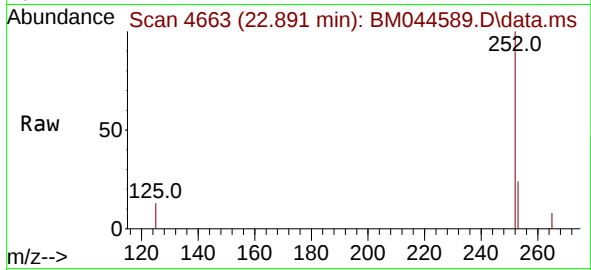
Tgt Ion:228 Resp: 49687
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.4 15.7 23.5



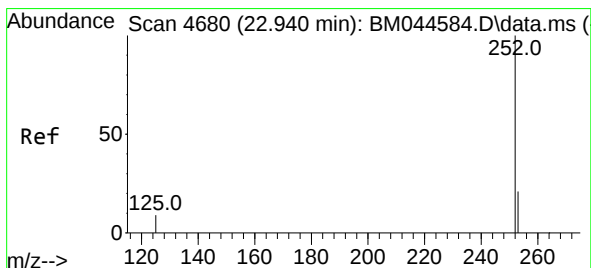
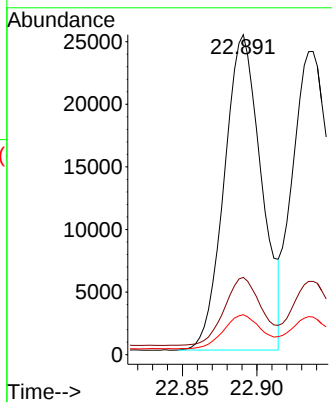
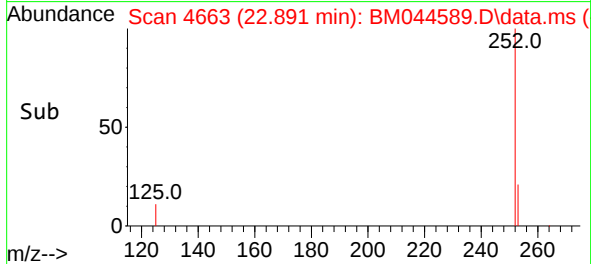


#24
Benzo(b)fluoranthene
Concen: 0.739 ng/ul
RT: 22.891 min Scan# 4663
Delta R.T. -0.000 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

Instrument :
BNA_M
ClientSampleId :
SP6446

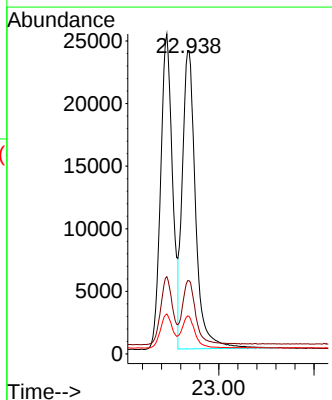
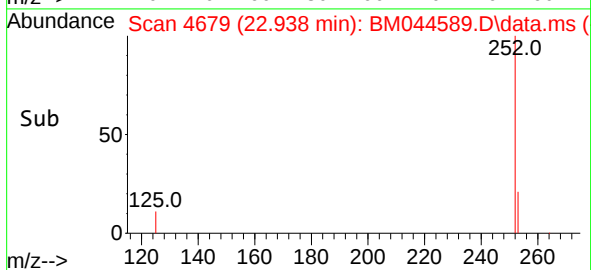
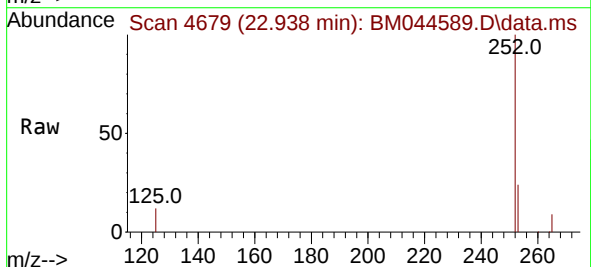


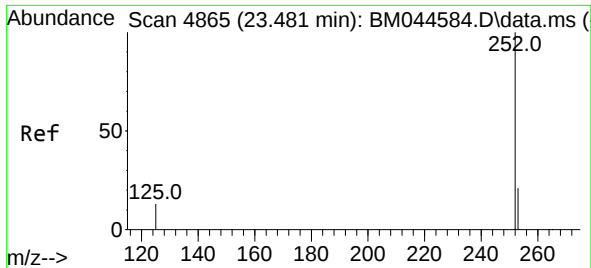
Tgt Ion:252 Resp: 43636
Ion Ratio Lower Upper
252 100
253 24.2 0.0 54.6
125 12.5 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.719 ng/ul
RT: 22.938 min Scan# 4679
Delta R.T. -0.003 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

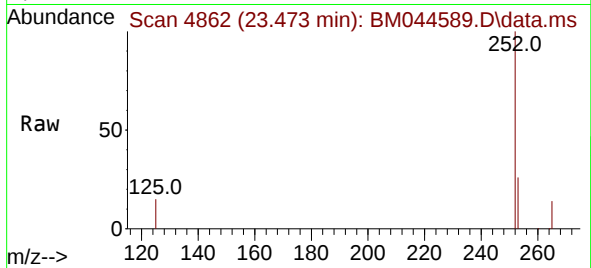
Tgt Ion:252 Resp: 45989
Ion Ratio Lower Upper
252 100
253 24.2 22.6 33.8
125 12.4 11.4 17.2



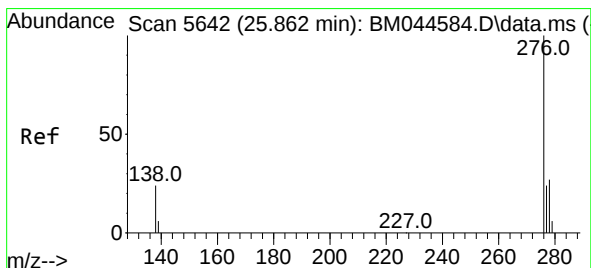
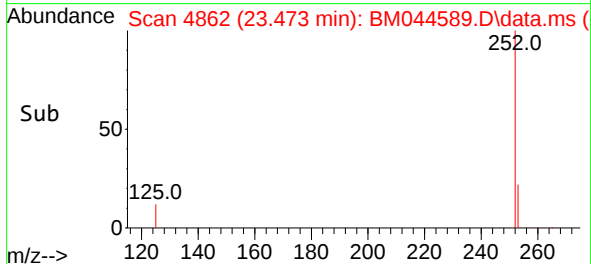
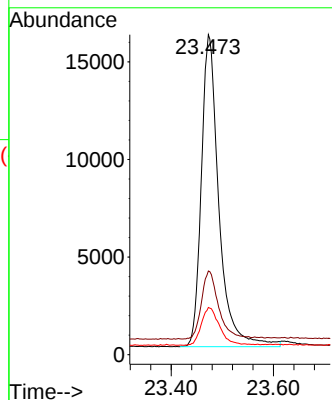


#26
Benzo(a)pyrene
Concen: 0.710 ng/ul
RT: 23.473 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

Instrument :
BNA_M
ClientSampleId :
SP6446

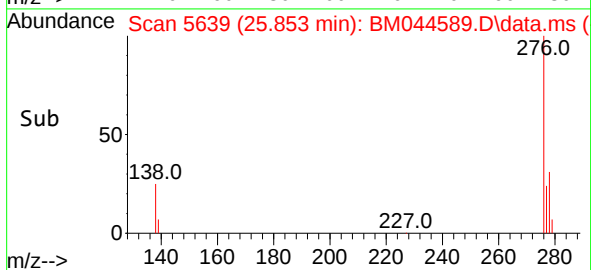
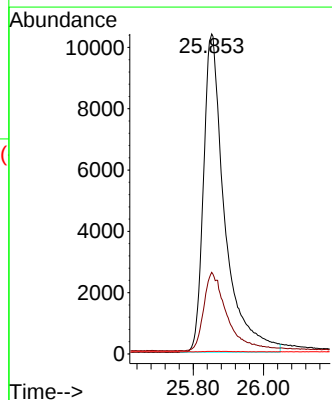
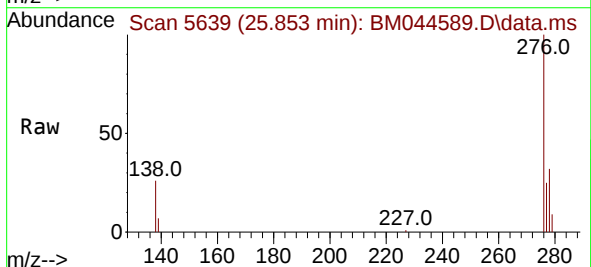


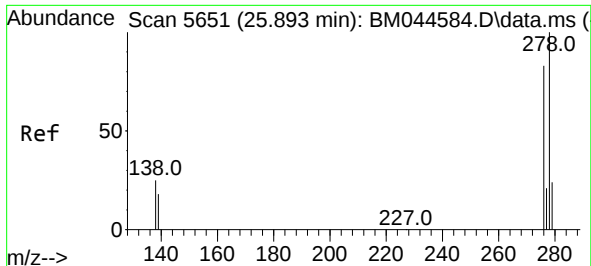
Tgt Ion:252 Resp: 38083
Ion Ratio Lower Upper
252 100
253 26.1 25.2 37.8
125 14.7 14.2 21.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.705 ng/ul
RT: 25.853 min Scan# 5639
Delta R.T. -0.011 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

Tgt Ion:276 Resp: 43509
Ion Ratio Lower Upper
276 100
138 27.3 21.9 32.9
227 0.1 0.0 0.0#

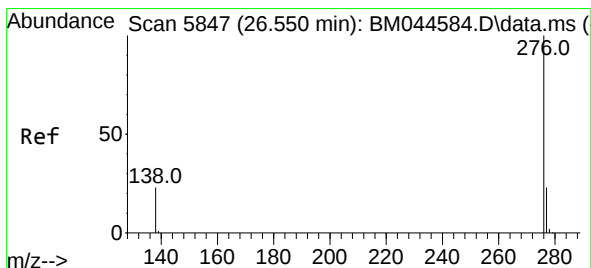
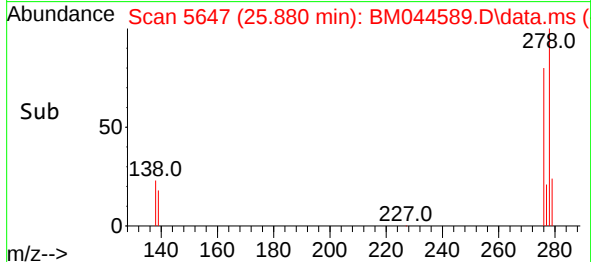
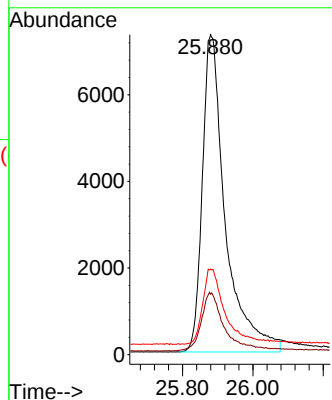
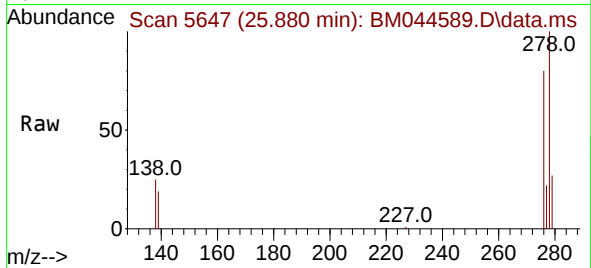




#28
Dibenzo(a,h)anthracene
Concen: 0.700 ng/ul
RT: 25.880 min Scan# 5647
Delta R.T. -0.011 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

Instrument :
BNA_M
ClientSampleId :
SP6446

Tgt Ion:278 Resp: 33311
Ion Ratio Lower Upper
278 100
139 18.9 15.9 23.9
279 26.7 24.1 36.1



#29
Benzo(g,h,i)perylene
Concen: 0.705 ng/ul
RT: 26.544 min Scan# 5845
Delta R.T. -0.011 min
Lab File: BM044589.D
Acq: 12 Mar 2024 13:41

Tgt Ion:276 Resp: 38210
Ion Ratio Lower Upper
276 100
138 24.2 20.1 30.1
277 24.2 19.6 29.4

