

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038094.D
 Acq On : 17 Dec 2022 08:24
 Operator : CG/JU
 Sample : PB149589BS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS589

Quant Time: Dec 19 03:17:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

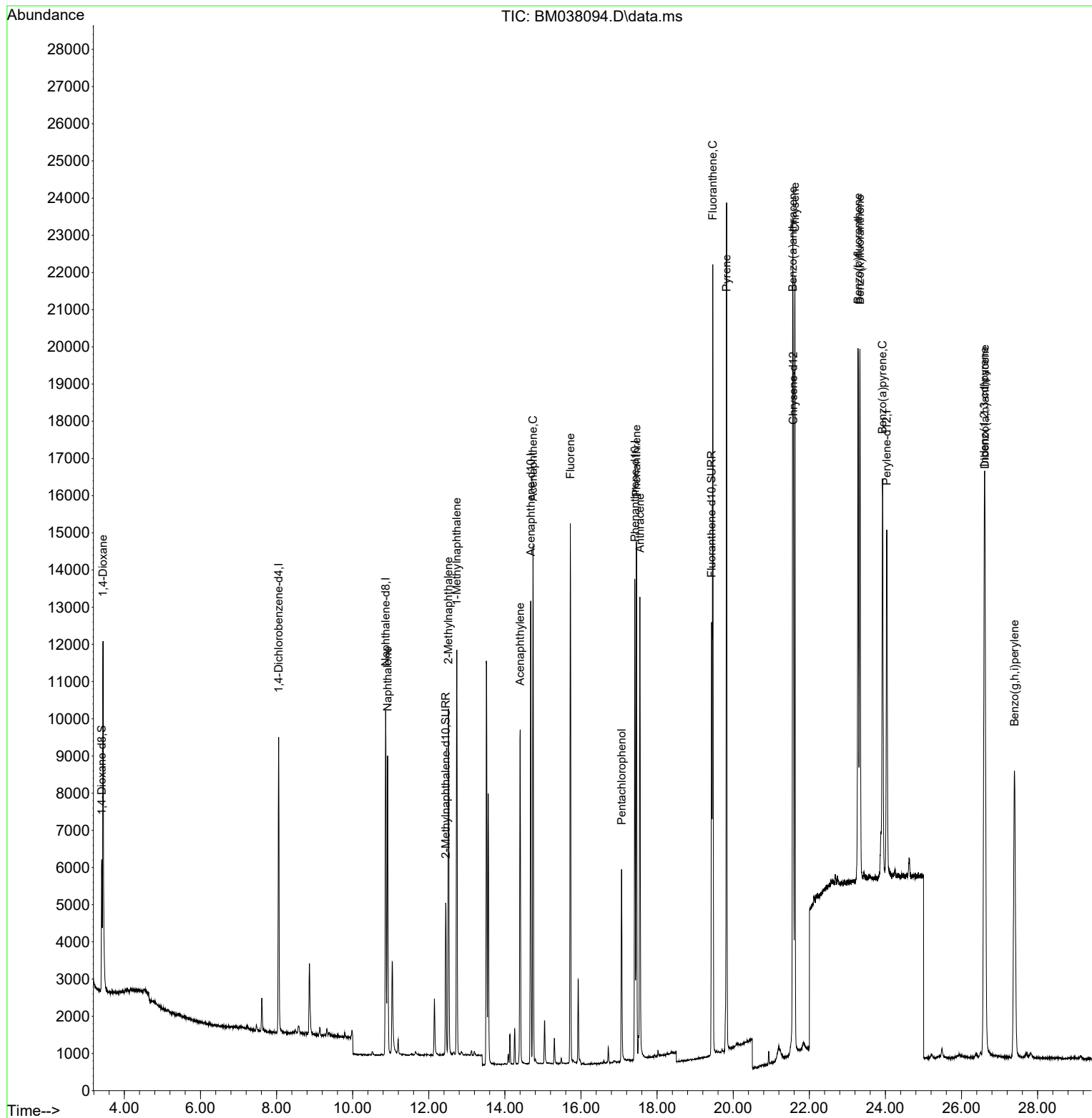
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4158	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	12347	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	6597	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	14724	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	12065	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	13015	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	2783	0.490	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	5401	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	12017	0.275	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	6389	1.247	ng/ul#	88
5) Naphthalene	10.916	128	10828	0.289	ng/ul	99
7) 2-Methylnaphthalene	12.517	142	6731	0.293	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	7279	0.309	ng/ul	99
10) Acenaphthylene	14.402	152	10192	0.295	ng/ul	98
11) Acenaphthene	14.740	153	7806	0.298	ng/ul	99
12) Fluorene	15.721	166	8798	0.303	ng/ul	98
14) Pentachlorophenol	17.067	266	3484	0.571	ng/ul	99
15) Phenanthrene	17.455	178	14747	0.297	ng/ul	99
16) Anthracene	17.548	178	13736	0.300	ng/ul	99
19) Fluoranthene	19.464	202	17674	0.284	ng/ul	97
20) Pyrene	19.826	202	18290	0.288	ng/ul	96
21) Benzo(a)anthracene	21.565	228	17738	0.340	ng/ul	99
22) Chrysene	21.620	228	17385	0.331	ng/ul	100
24) Benzo(b)fluoranthene	23.281	252	18773	0.304	ng/ul	98
25) Benzo(k)fluoranthene	23.330	252	17851	0.300	ng/ul	97
26) Benzo(a)pyrene	23.924	252	16101	0.310	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.599	276	20546	0.315	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.615	278	16176	0.318	ng/ul	99
29) Benzo(g,h,i)perylene	27.394	276	17350	0.313	ng/ul	96

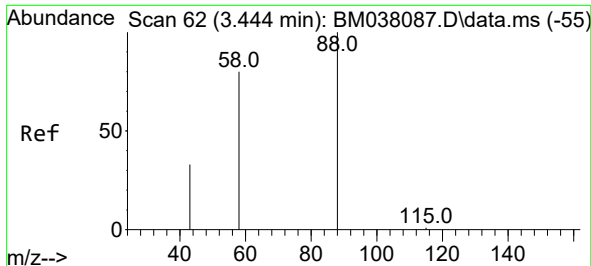
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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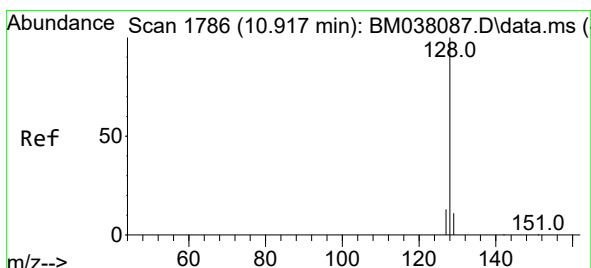
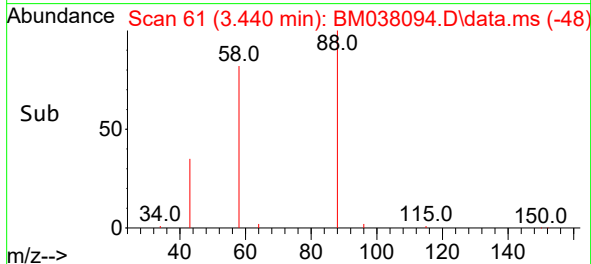
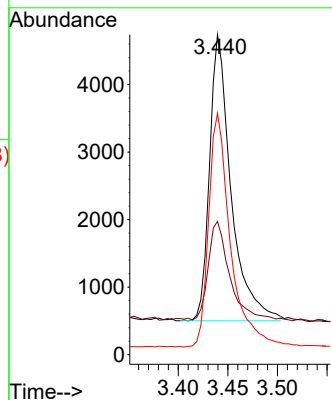
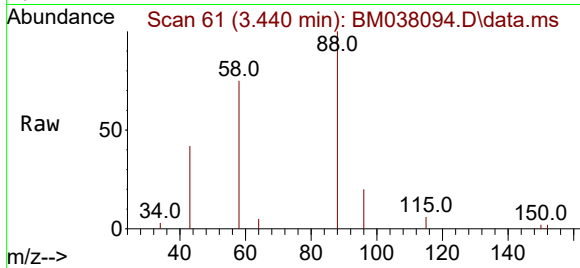




#2
1,4-Dioxane
Concen: 1.247 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

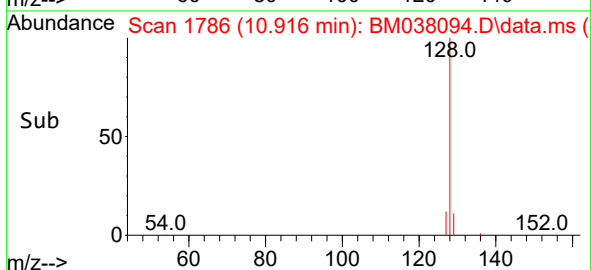
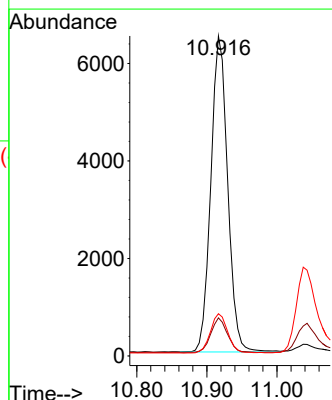
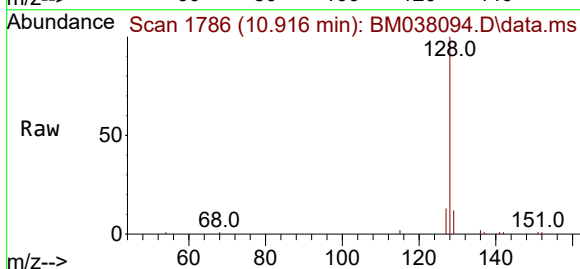
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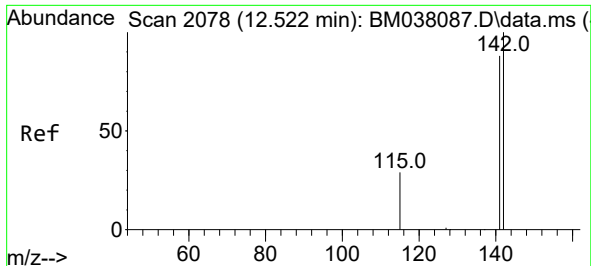
Tgt Ion: 88 Resp: 6389
Ion Ratio Lower Upper
88 100
43 41.7 31.4 47.0
58 75.4 50.2 75.2#



#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.916 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion: 128 Resp: 10828
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.2 10.4 15.6

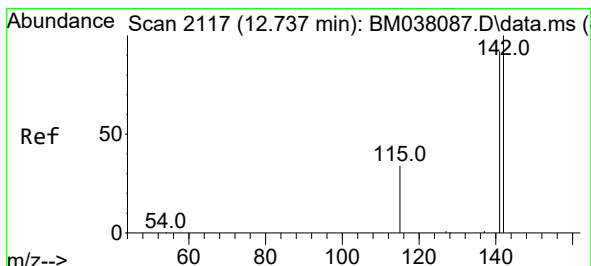
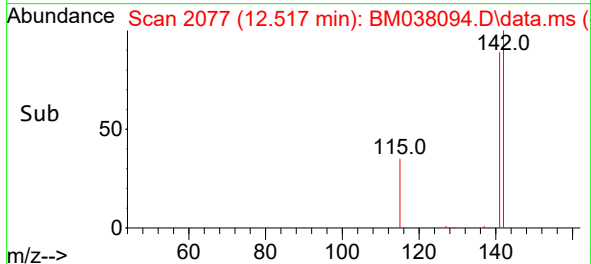
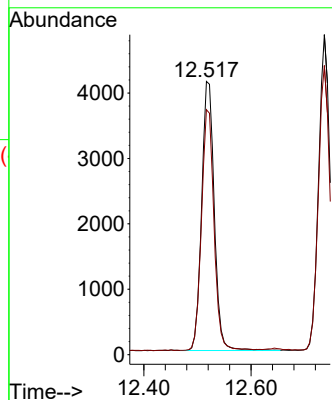
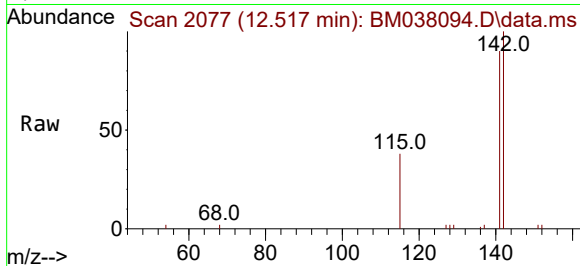




#7
2-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

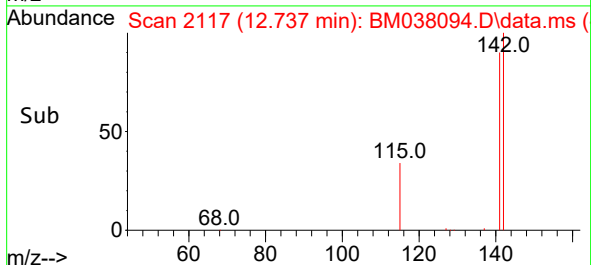
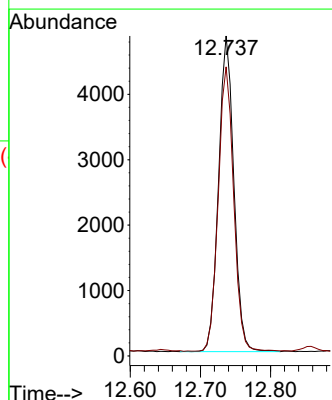
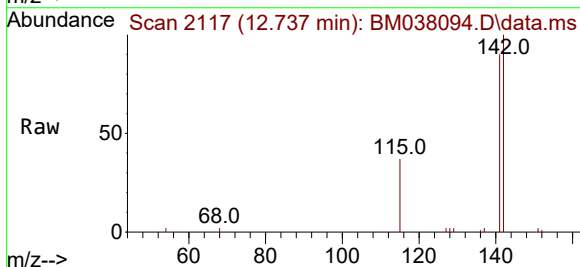
Instrument :
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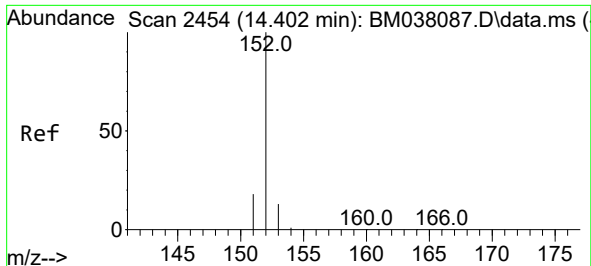
Tgt Ion:142 Resp: 6731
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:142 Resp: 7279
Ion Ratio Lower Upper
142 100
141 90.9 73.6 110.4

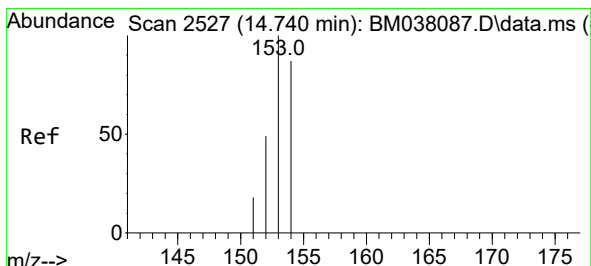
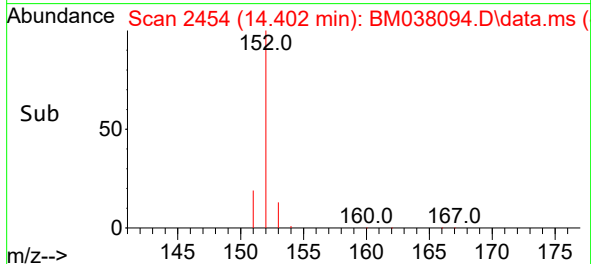
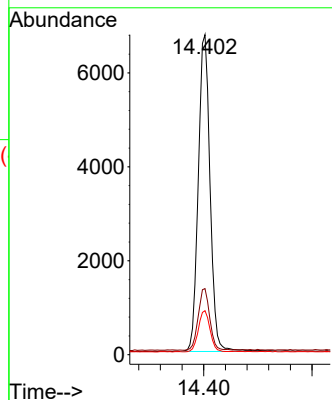
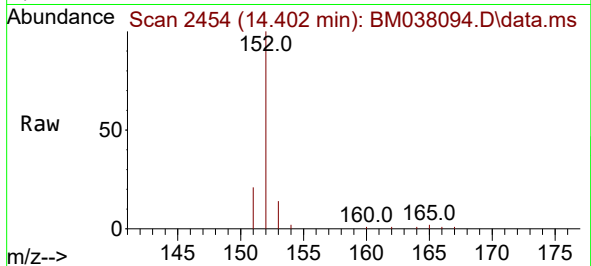




#10
Acenaphthylene
Concen: 0.295 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

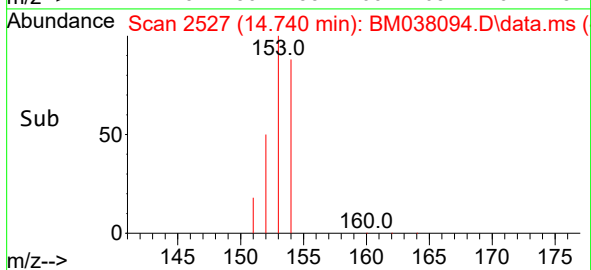
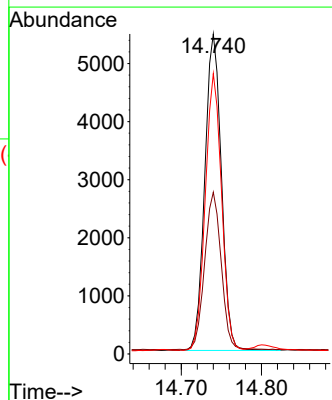
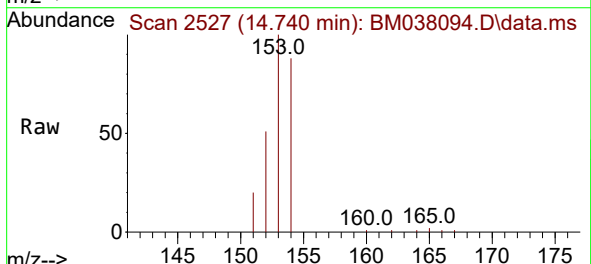
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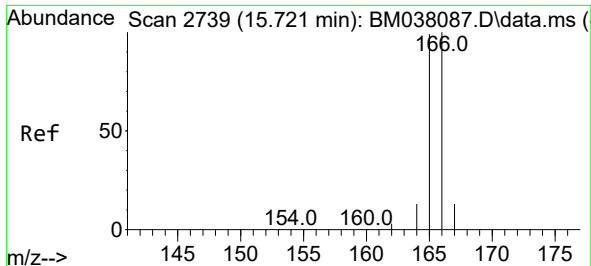
Tgt Ion:	152	Resp:	10192
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.5	23.3
153	13.8	11.0	16.4



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:	153	Resp:	7806
Ion Ratio	Lower	Upper	
153	100		
152	50.5	39.5	59.3
154	87.6	69.2	103.8

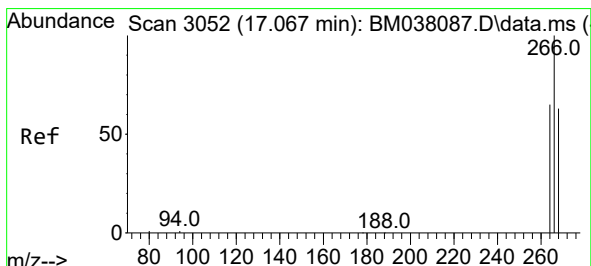
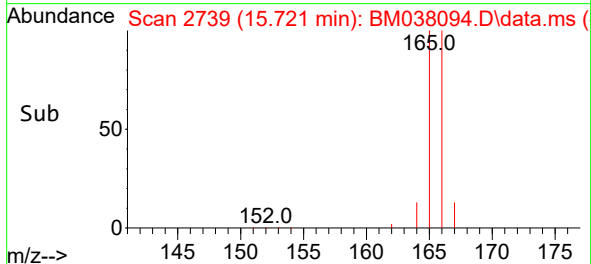
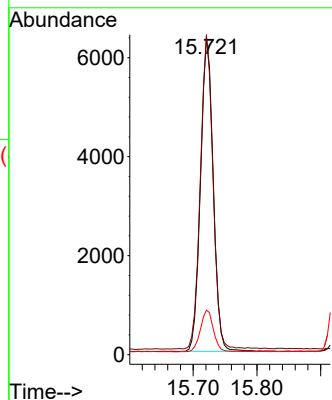
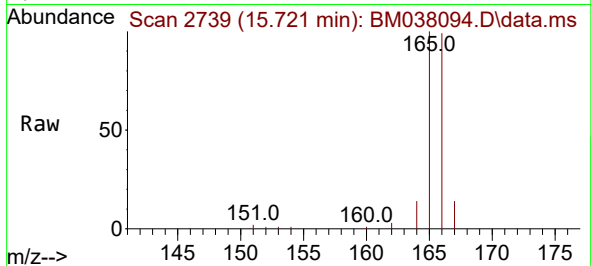




#12
Fluorene
Concen: 0.303 ng/ul
RT: 15.721 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

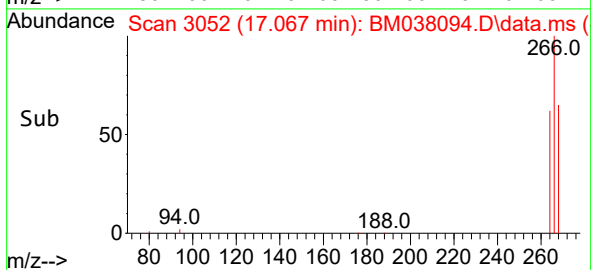
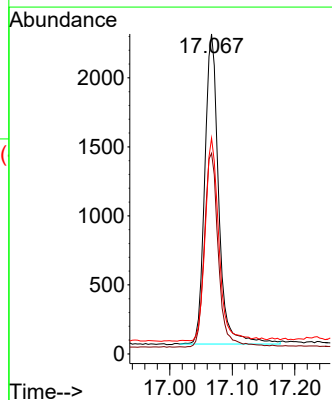
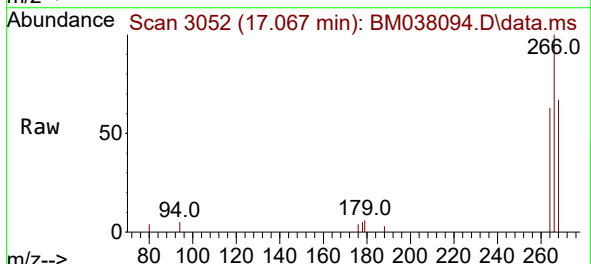
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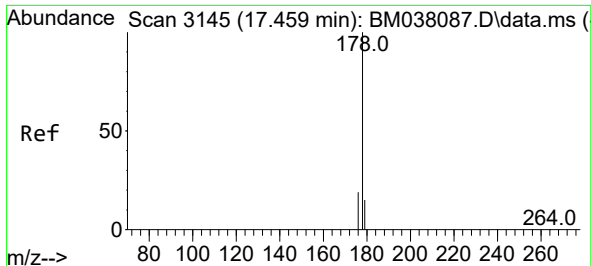
Tgt Ion:166 Resp: 8798
Ion Ratio Lower Upper
166 100
165 100.9 79.0 118.4
167 14.0 11.1 16.7



#14
Pentachlorophenol
Concen: 0.571 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:266 Resp: 3484
Ion Ratio Lower Upper
266 100
264 63.1 49.9 74.9
268 63.5 52.0 78.0

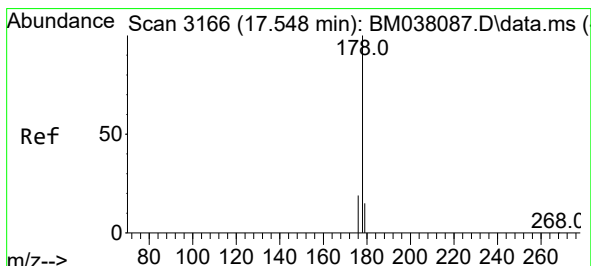
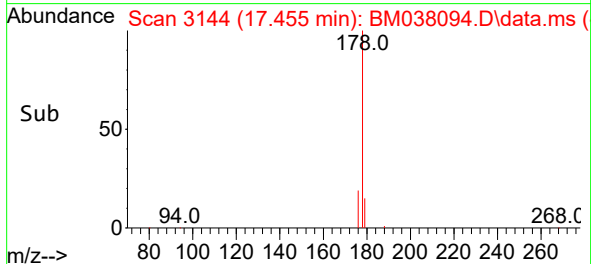
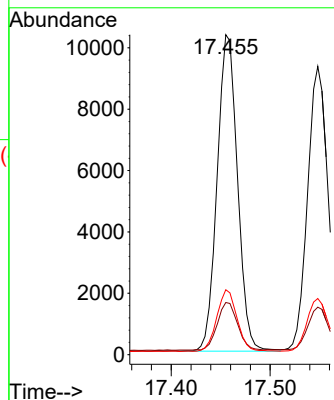
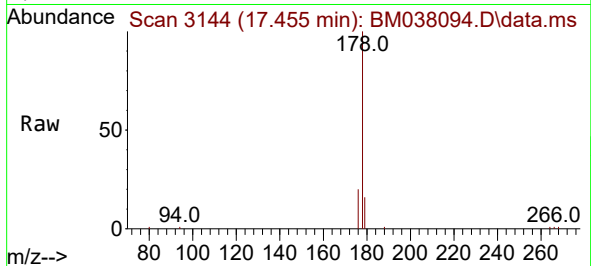




#15
Phenanthrene
Concen: 0.297 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

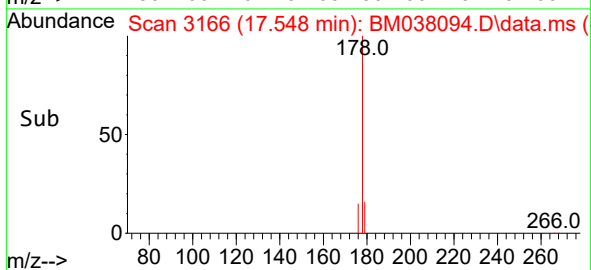
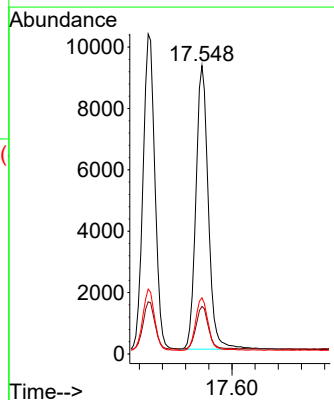
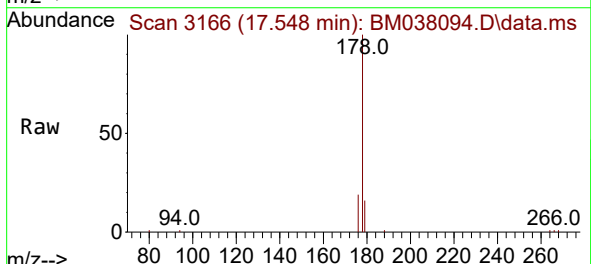
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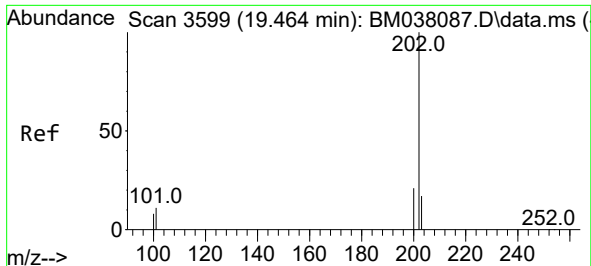
Tgt Ion:178 Resp: 14747
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.3 15.8 23.6



#16
Anthracene
Concen: 0.300 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:178 Resp: 13736
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.5 15.0 22.4

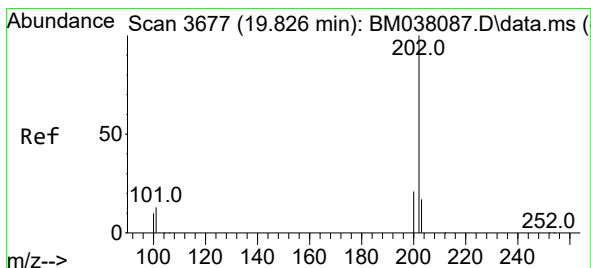
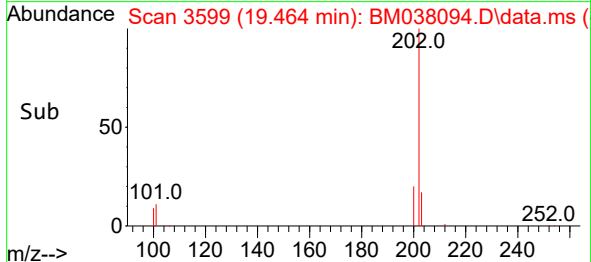
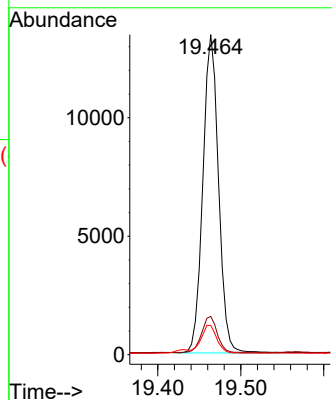
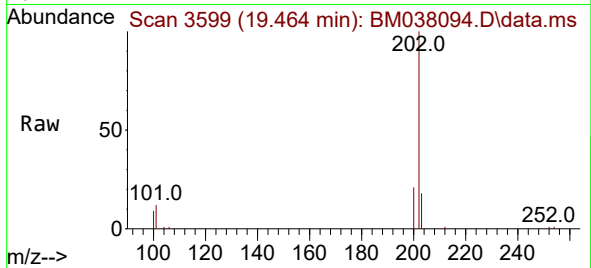




#19
Fluoranthene
Concen: 0.284 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

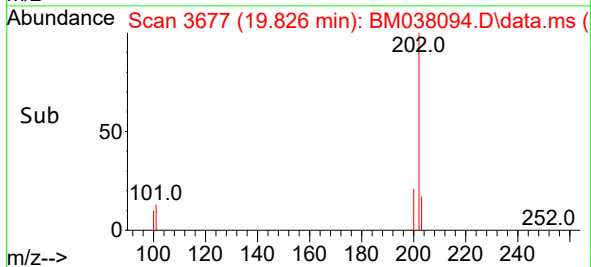
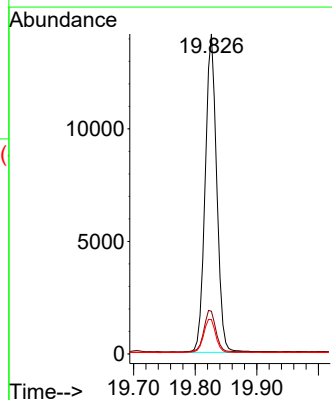
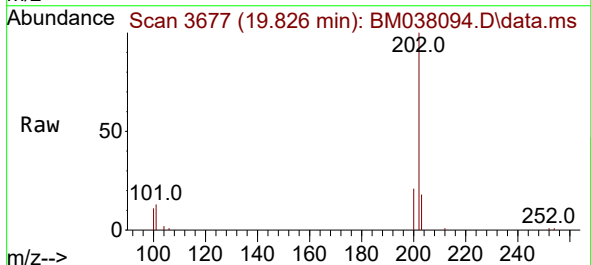
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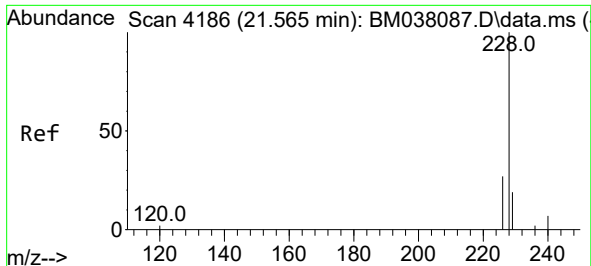
Tgt Ion:202 Resp: 17674
Ion Ratio Lower Upper
202 100
101 11.9 10.6 15.8
100 9.1 7.9 11.9



#20
Pyrene
Concen: 0.288 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:202 Resp: 18290
Ion Ratio Lower Upper
202 100
101 13.3 12.1 18.1
100 10.8 9.8 14.6

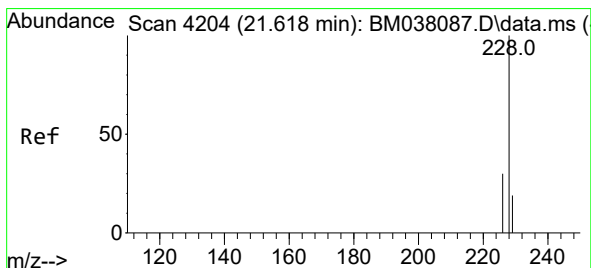
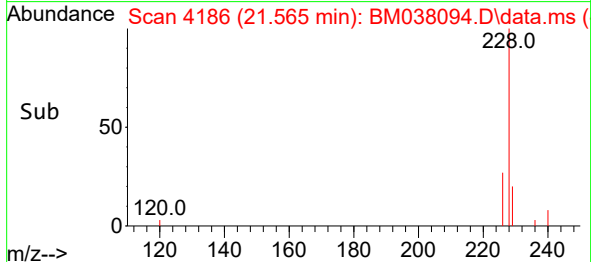
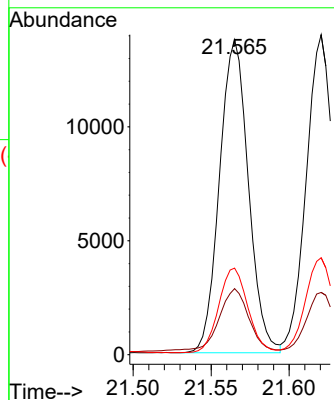
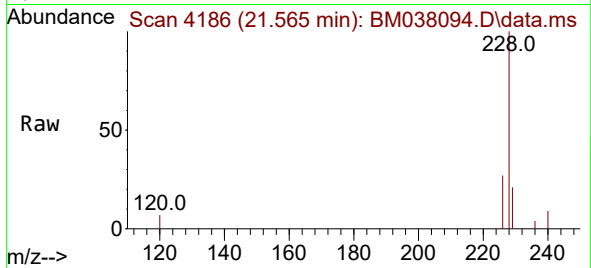




#21
Benzo(a)anthracene
Concen: 0.340 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

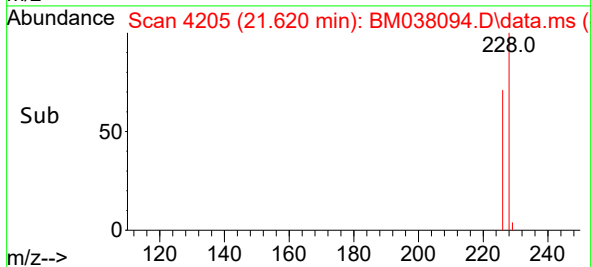
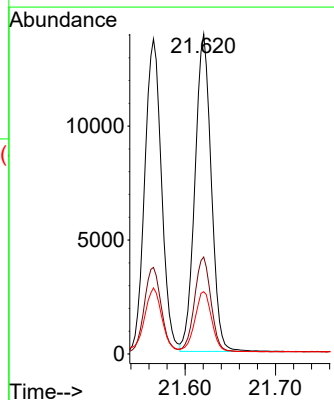
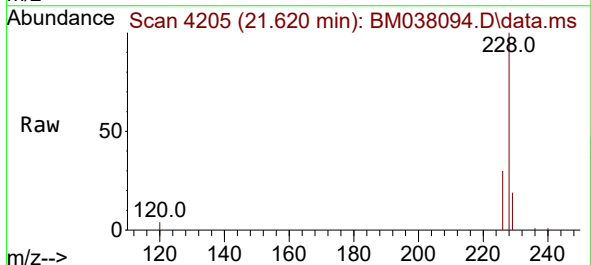
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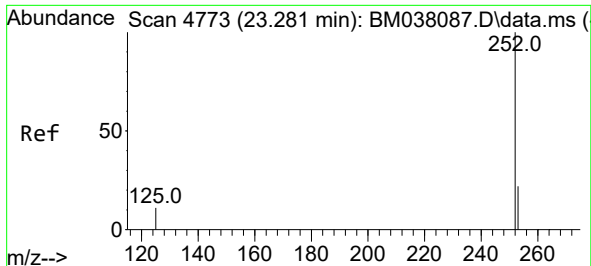
Tgt Ion:228 Resp: 17738
Ion Ratio Lower Upper
228 100
229 21.0 15.9 23.9
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.620 min Scan# 4205
Delta R.T. 0.003 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:228 Resp: 17385
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 19.5 15.7 23.5

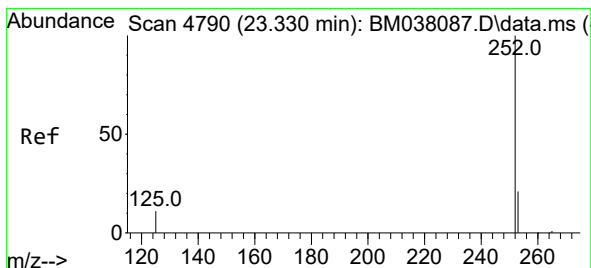
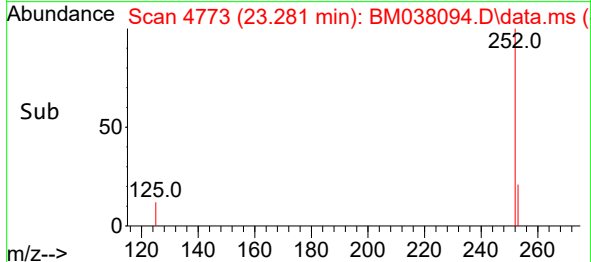
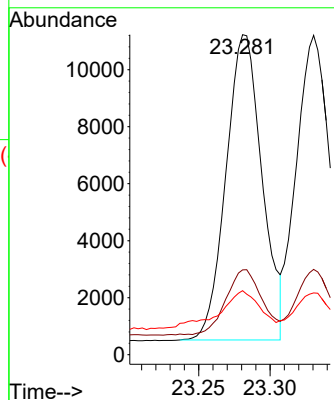
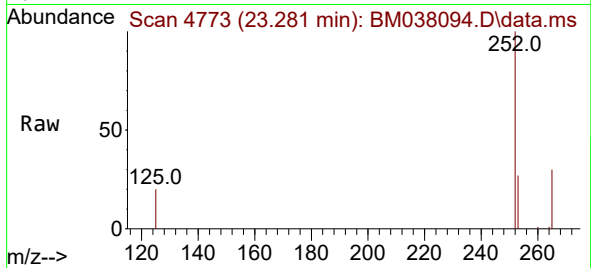




#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

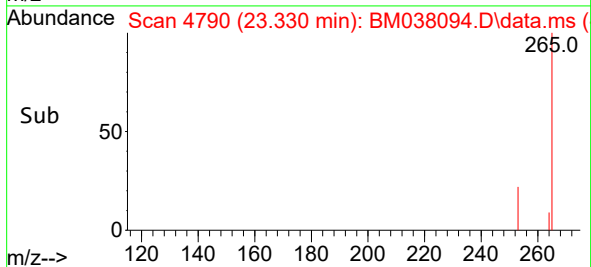
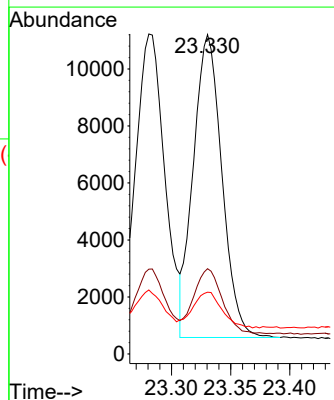
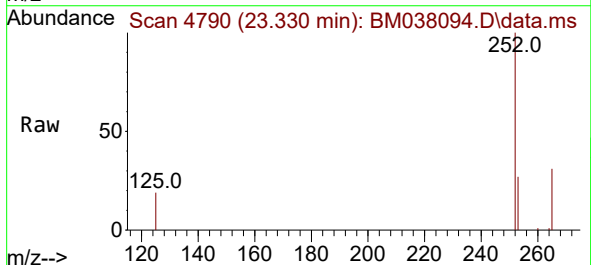
Instrument :
BNA_M
ClientSampleId :
SLCS589

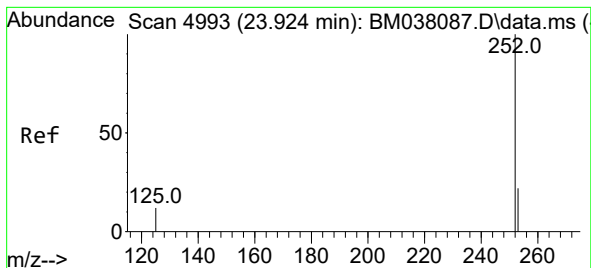
Tgt Ion:252 Resp: 18773
Ion Ratio Lower Upper
252 100
253 26.5 0.0 51.8
125 20.0 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul
RT: 23.330 min Scan# 4790
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:252 Resp: 17851
Ion Ratio Lower Upper
252 100
253 26.7 20.8 31.2
125 19.3 17.1 25.7





#26

Benzo(a)pyrene

Concen: 0.310 ng/ul

RT: 23.924 min Scan# 4993

Delta R.T. -0.000 min

Lab File: BM038094.D

Acq: 17 Dec 2022 08:24

Instrument :

BNA_M

ClientSampleId :

SLCS589

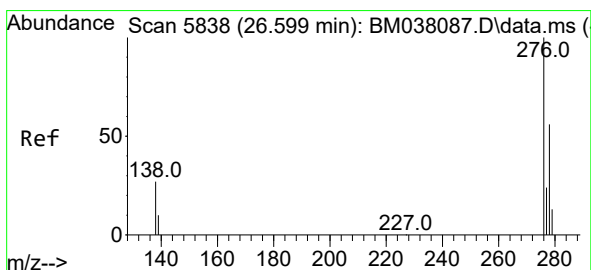
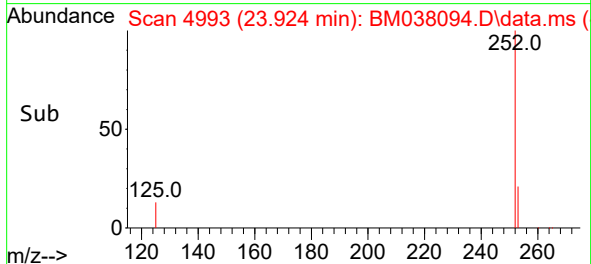
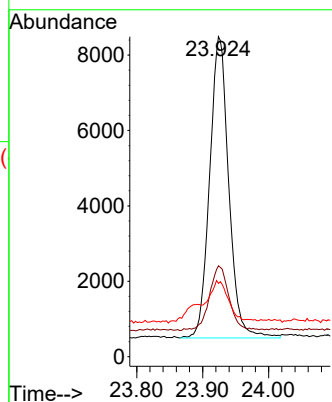
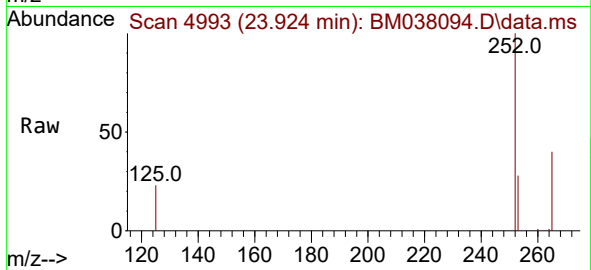
Tgt Ion:252 Resp: 16101

Ion Ratio Lower Upper

252 100

253 28.4 21.9 32.9

125 22.9 20.7 31.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.315 ng/ul

RT: 26.599 min Scan# 5838

Delta R.T. -0.000 min

Lab File: BM038094.D

Acq: 17 Dec 2022 08:24

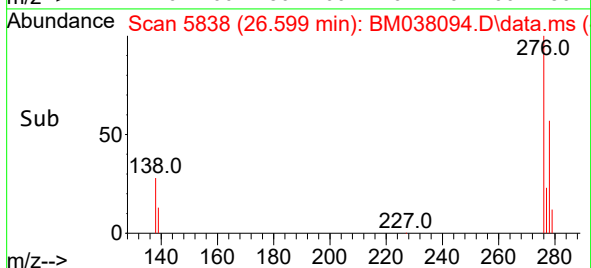
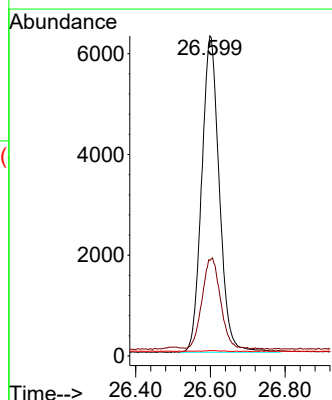
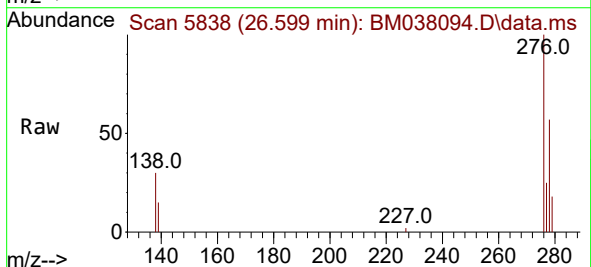
Tgt Ion:276 Resp: 20546

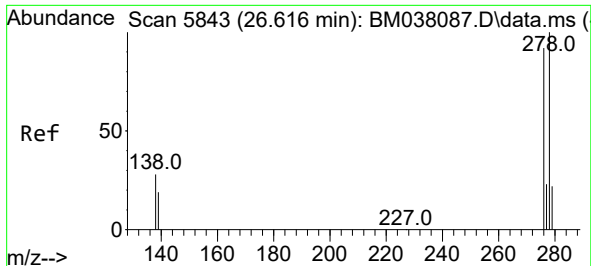
Ion Ratio Lower Upper

276 100

138 29.9 26.6 40.0

227 0.2 0.1 0.1#

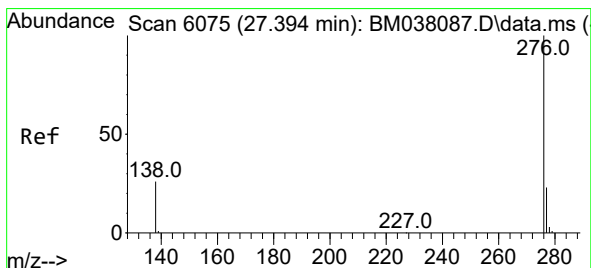
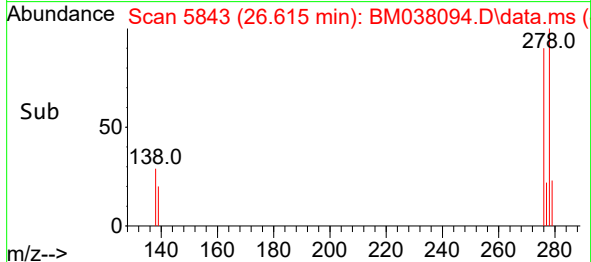
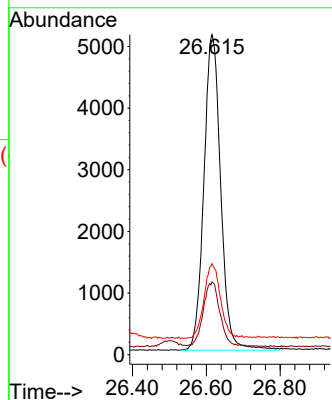
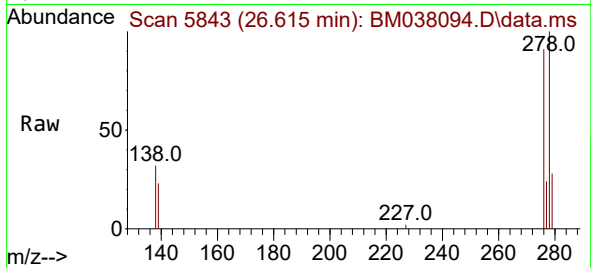




#28
Dibenzo(a,h)anthracene
Concen: 0.318 ng/ul
RT: 26.615 min Scan# 5843
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Instrument :
BNA_M
ClientSampleId :
SLCS589

Tgt Ion:278 Resp: 16176
Ion Ratio Lower Upper
278 100
139 22.7 19.0 28.6
279 28.4 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 27.394 min Scan# 6075
Delta R.T. -0.000 min
Lab File: BM038094.D
Acq: 17 Dec 2022 08:24

Tgt Ion:276 Resp: 17350
Ion Ratio Lower Upper
276 100
138 28.0 24.1 36.1
277 25.3 19.0 28.6

