

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038096.D
 Acq On : 17 Dec 2022 10:15
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4193

Quant Time: Dec 19 03:17:44 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)

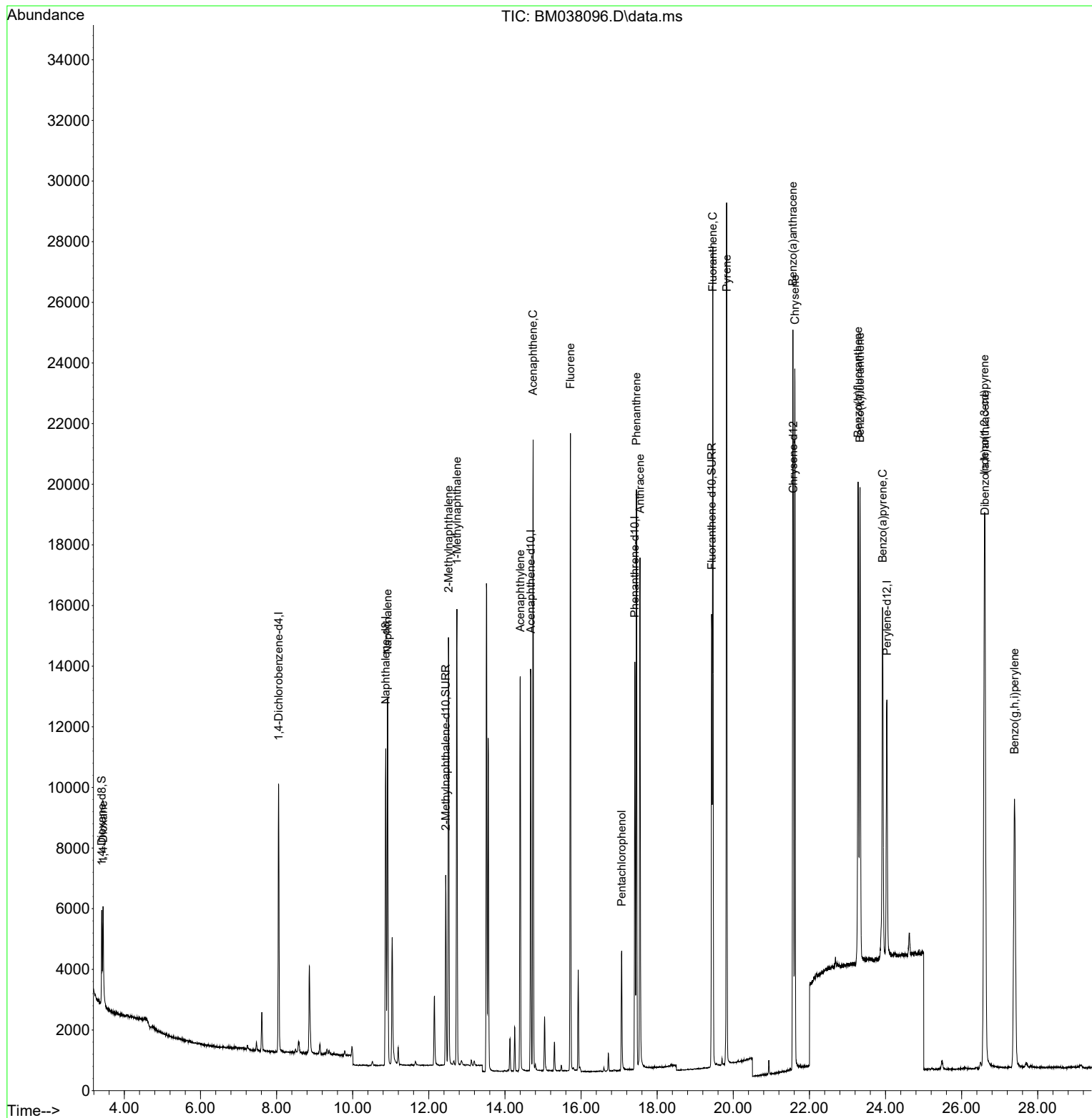
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4671	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	13683	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	7100	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	15248	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	11390	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	11979	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	2555	0.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	7857	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	15879	0.385	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.444	88	2255	0.392	ng/ul#	86
5) Naphthalene	10.917	128	16143	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.517	142	9847	0.387	ng/ul	98
8) 1-Methylnaphthalene	12.737	142	10137	0.389	ng/ul	100
10) Acenaphthylene	14.402	152	14856	0.399	ng/ul	100
11) Acenaphthene	14.740	153	11195	0.397	ng/ul	99
12) Fluorene	15.721	166	12522	0.401	ng/ul	99
14) Pentachlorophenol	17.067	266	2735	0.433	ng/ul	99
15) Phenanthrene	17.455	178	19895	0.387	ng/ul	100
16) Anthracene	17.548	178	18420	0.388	ng/ul	99
19) Fluoranthene	19.464	202	22324	0.379	ng/ul	96
20) Pyrene	19.826	202	22926	0.382	ng/ul	96
21) Benzo(a)anthracene	21.565	228	19729	0.401	ng/ul	99
22) Chrysene	21.618	228	19961	0.402	ng/ul	99
24) Benzo(b)fluoranthene	23.281	252	21212	0.373	ng/ul	96
25) Benzo(k)fluoranthene	23.330	252	20000	0.365	ng/ul	95
26) Benzo(a)pyrene	23.924	252	18254	0.382	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.602	276	23563	0.392	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.616	278	18474	0.395	ng/ul	97
29) Benzo(g,h,i)perylene	27.390	276	20219	0.396	ng/ul	97

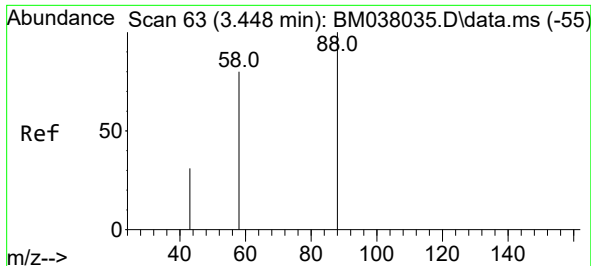
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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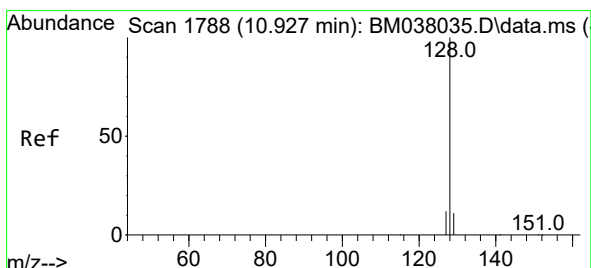
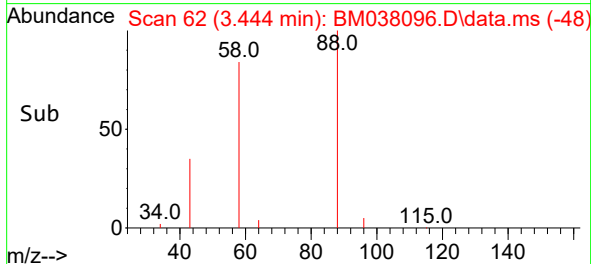
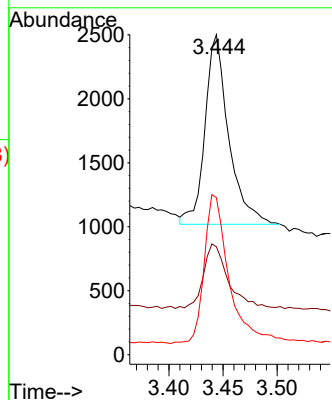
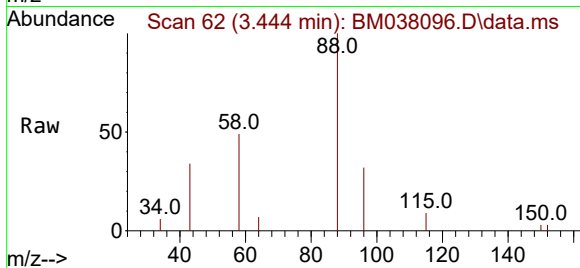




#2
1,4-Dioxane
Concen: 0.392 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

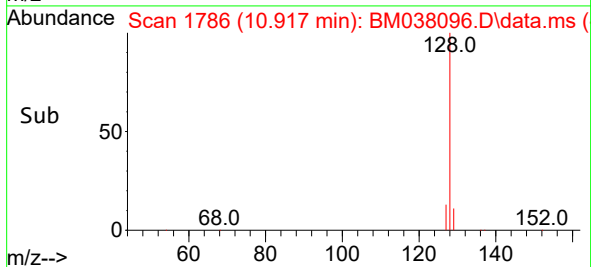
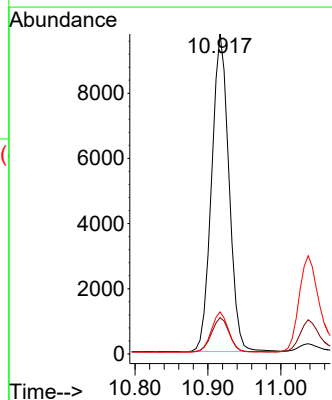
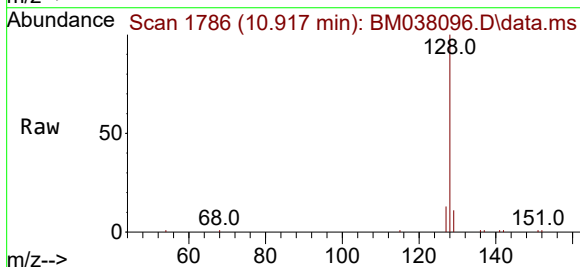
Instrument :
BNA_M
ClientSampleId :
SSTD0.4193

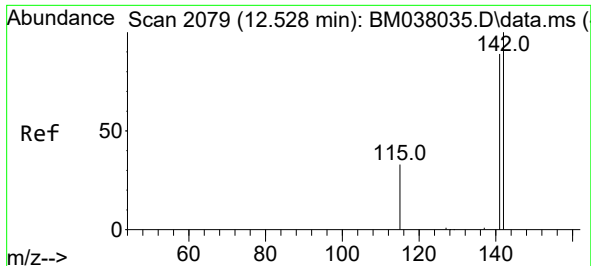
Tgt Ion: 88 Resp: 2255
Ion Ratio Lower Upper
88 100
43 33.7 31.4 47.0
58 49.1 50.2 75.2#



#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

Tgt Ion: 128 Resp: 16143
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.1 10.4 15.6

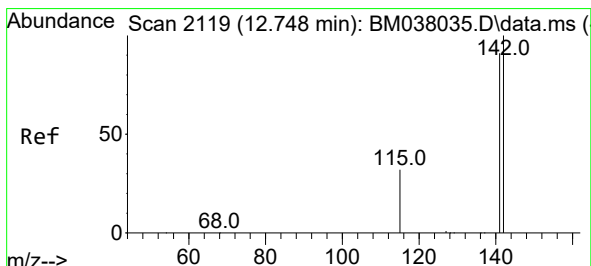
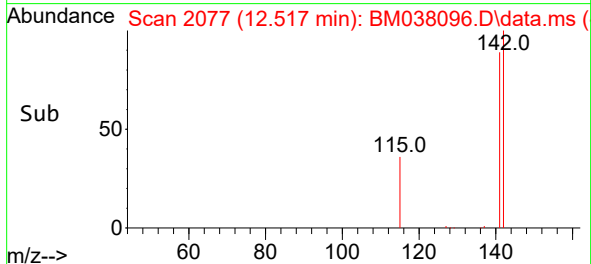
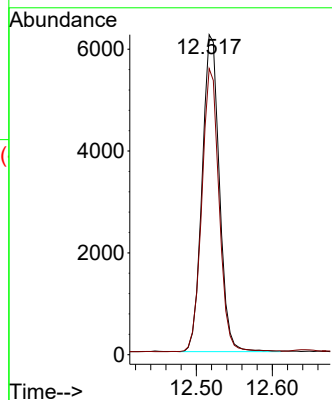
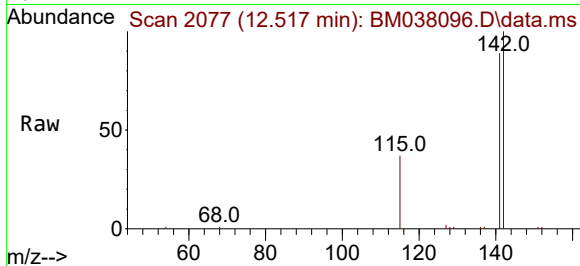




#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

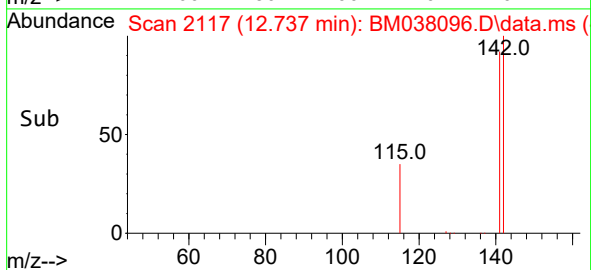
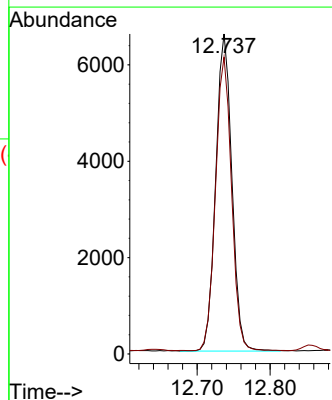
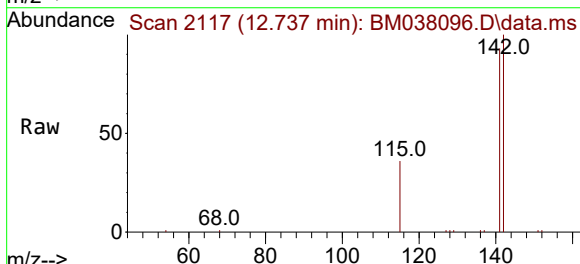
Instrument :
BNA_M
ClientSampleId :
SSTD0.4193

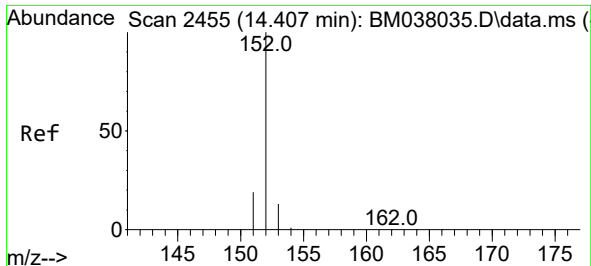
Tgt Ion:142 Resp: 9847
Ion Ratio Lower Upper
142 100
141 89.4 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

Tgt Ion:142 Resp: 10137
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4

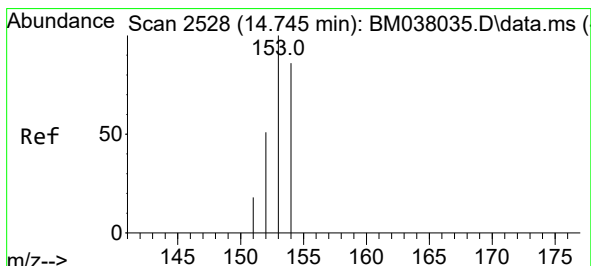
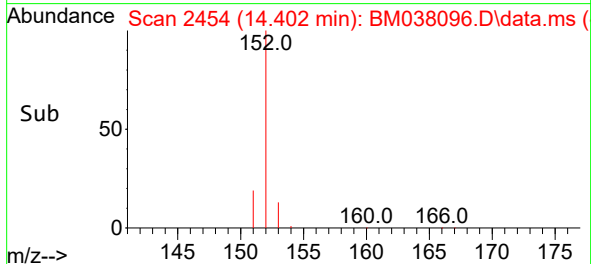
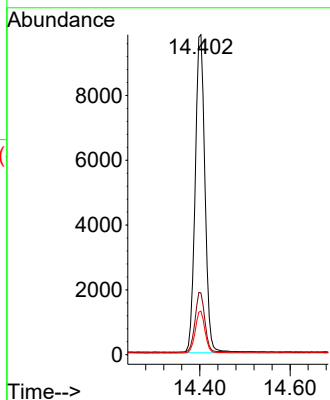
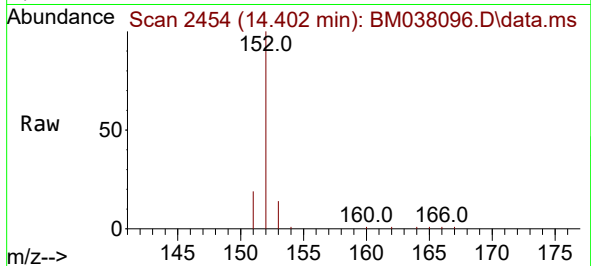




#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.402 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

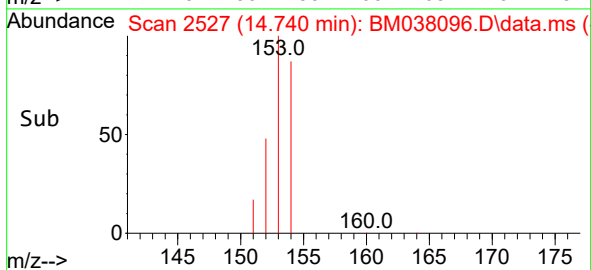
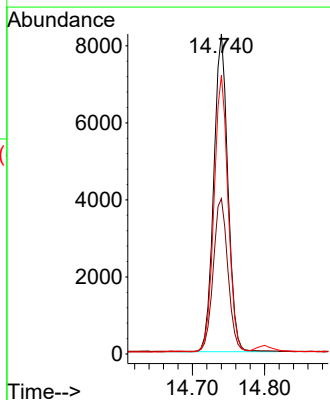
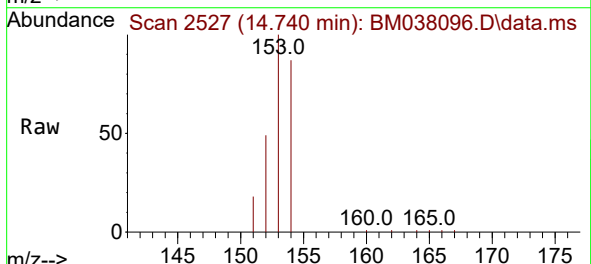
Instrument :
BNA_M
ClientSampleId :
SSTD0.4193

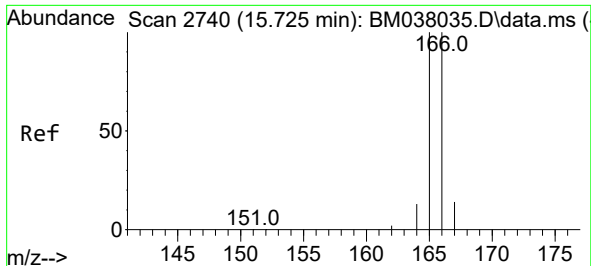
Tgt Ion:152 Resp: 14856
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 13.6 11.0 16.4



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

Tgt Ion:153 Resp: 11195
Ion Ratio Lower Upper
153 100
152 48.6 39.5 59.3
154 87.1 69.2 103.8

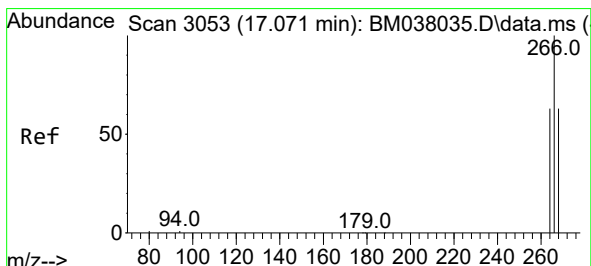
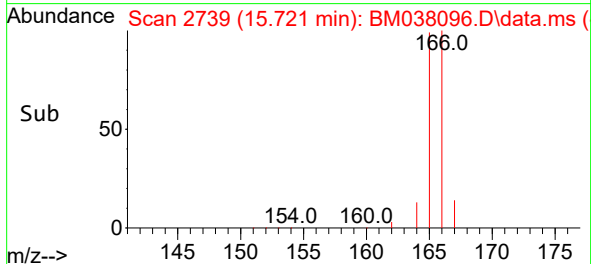
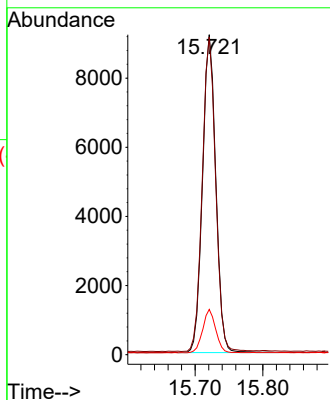
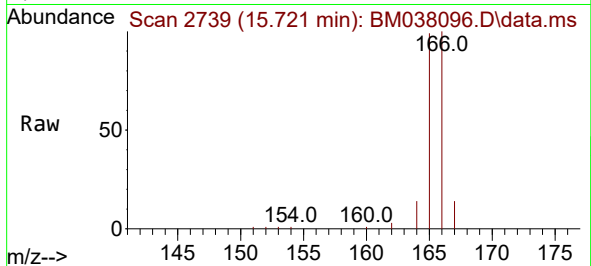




#12
 Fluorene
 Concen: 0.401 ng/ul
 RT: 15.721 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038096.D
 Acq: 17 Dec 2022 10:15

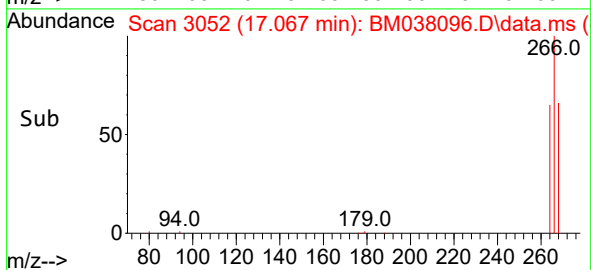
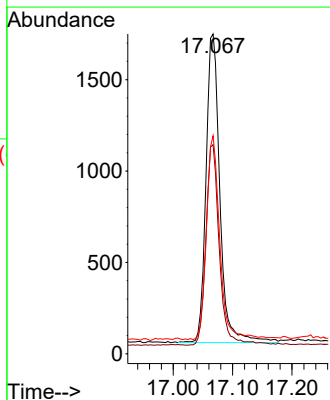
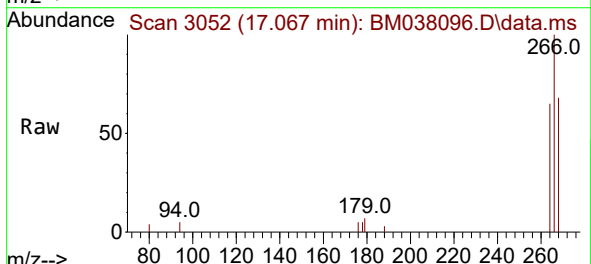
Instrument :
 BNA_M
 ClientSampleId :
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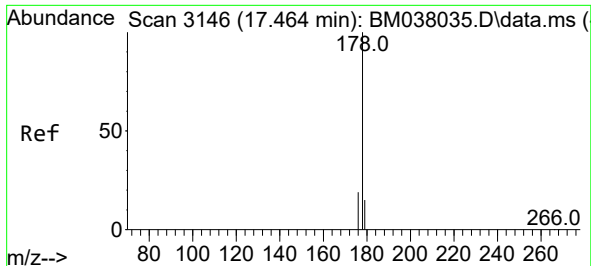
Tgt Ion:166 Resp: 12522
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.0 118.4
 167 14.2 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.433 ng/ul
 RT: 17.067 min Scan# 3052
 Delta R.T. 0.000 min
 Lab File: BM038096.D
 Acq: 17 Dec 2022 10:15

Tgt Ion:266 Resp: 2735
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.9 74.9
 268 64.0 52.0 78.0

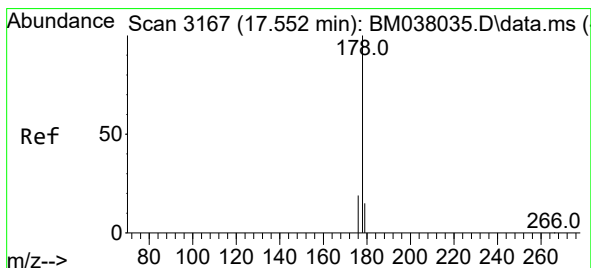
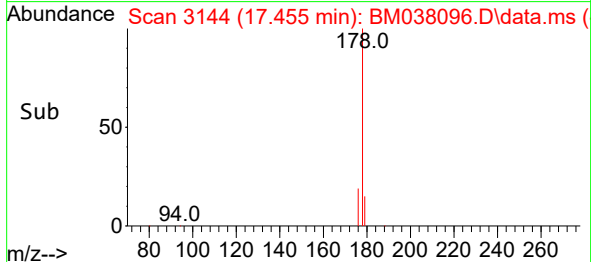
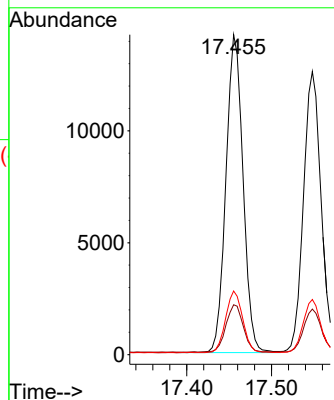
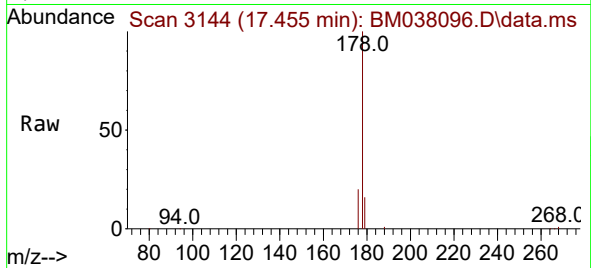




#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

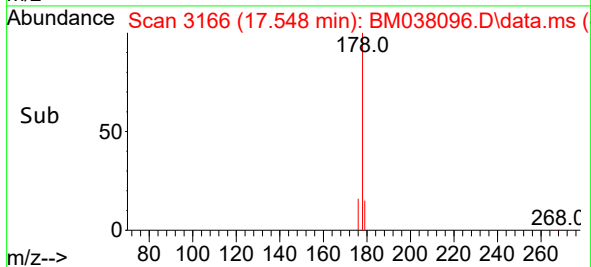
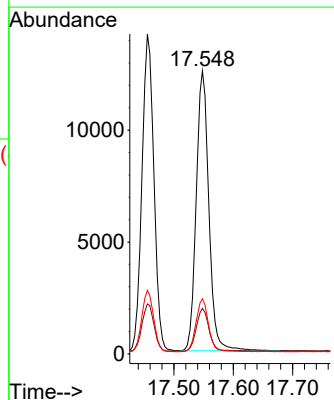
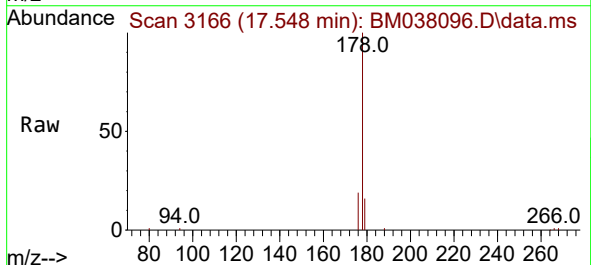
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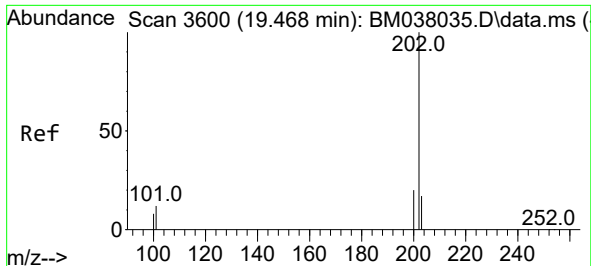
Tgt Ion:178 Resp: 19895
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.9 15.8 23.6



#16
Anthracene
Concen: 0.388 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

Tgt Ion:178 Resp: 18420
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 19.5 15.0 22.4

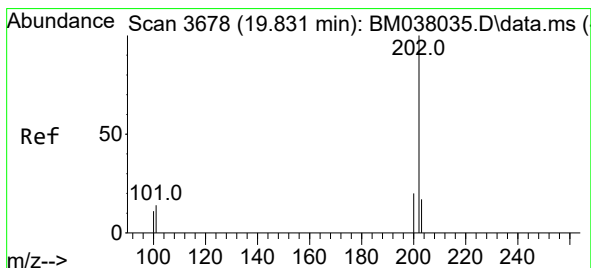
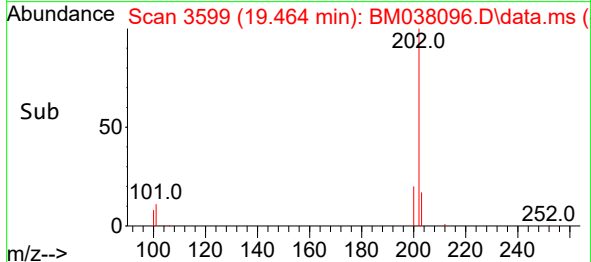
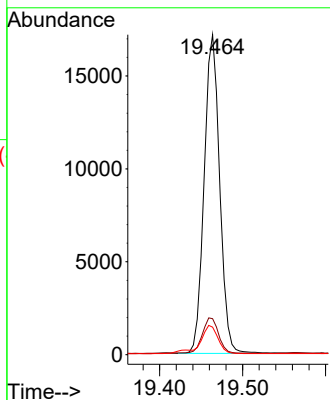
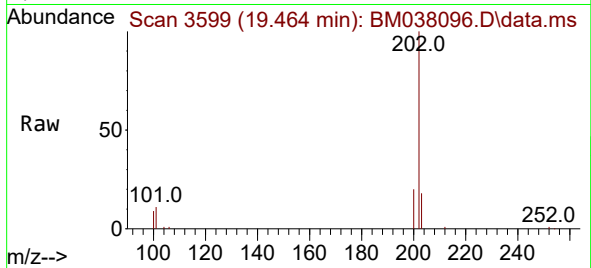




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.464 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

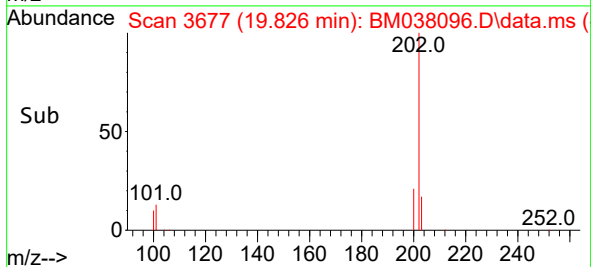
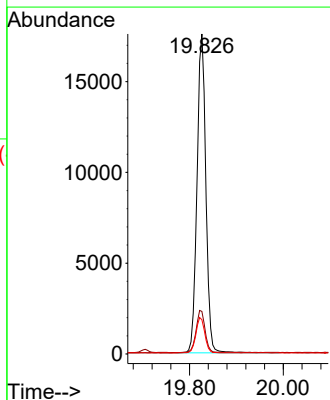
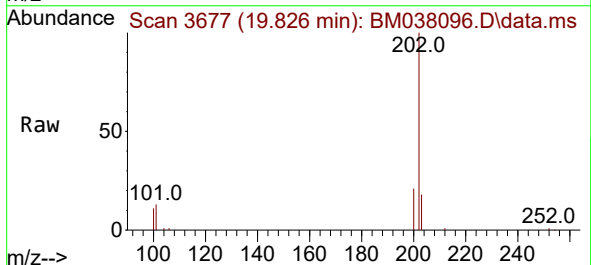
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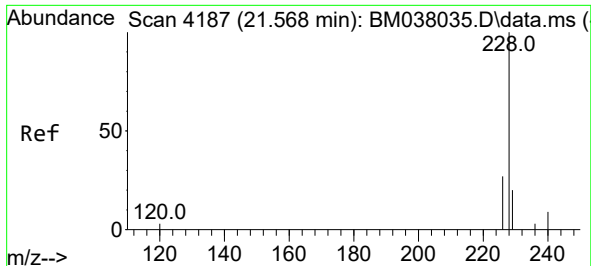
Tgt Ion:202 Resp: 22324
Ion Ratio Lower Upper
202 100
101 11.2 10.6 15.8
100 8.6 7.9 11.9



#20
Pyrene
Concen: 0.382 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

Tgt Ion:202 Resp: 22926
Ion Ratio Lower Upper
202 100
101 13.3 12.1 18.1
100 10.7 9.8 14.6

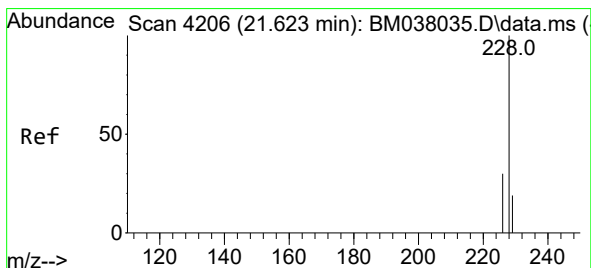
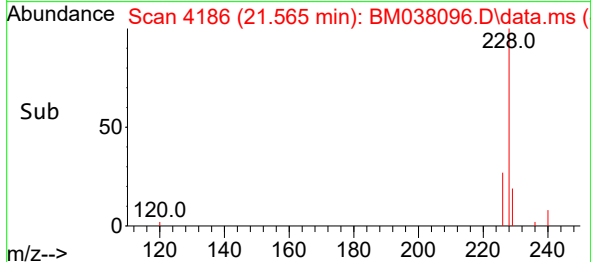
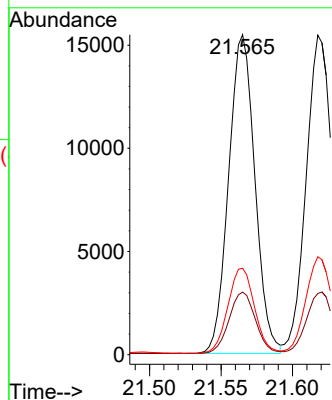
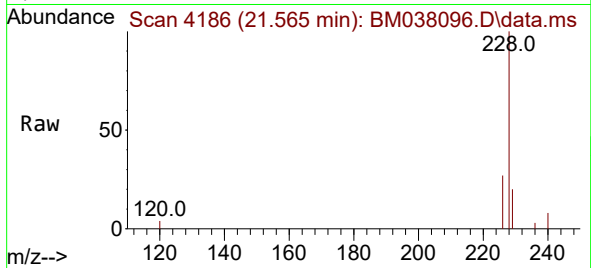




#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.565 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

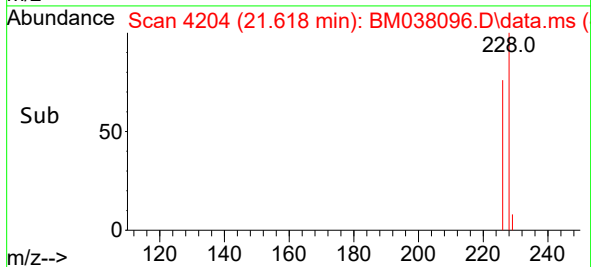
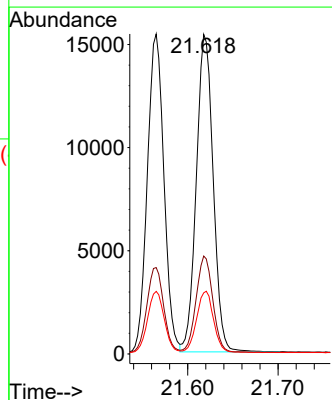
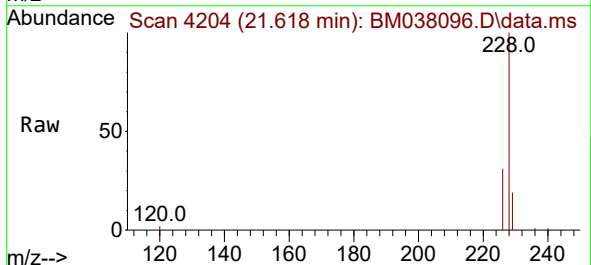
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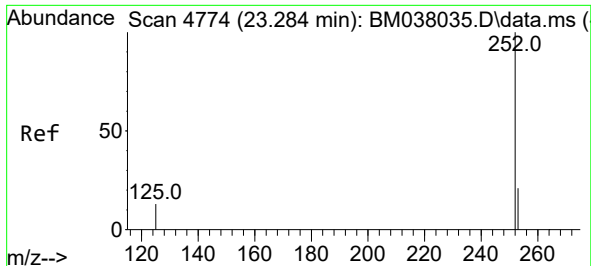
Tgt Ion:228 Resp: 19729
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 27.0 22.1 33.1



#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

Tgt Ion:228 Resp: 19961
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 19.1 15.7 23.5

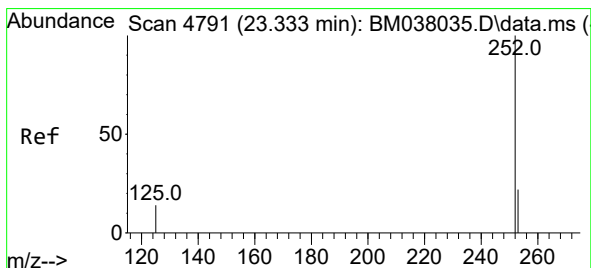
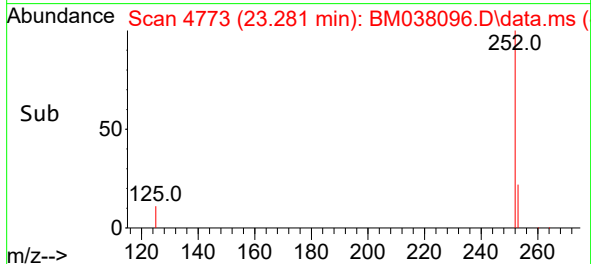
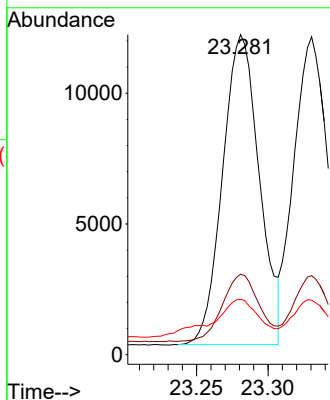
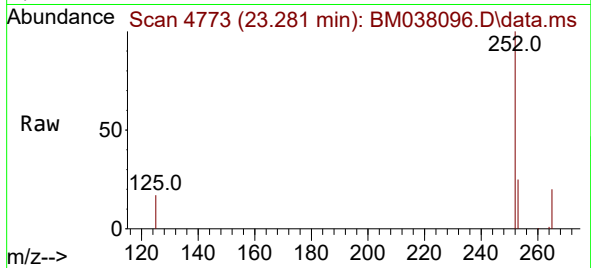




#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

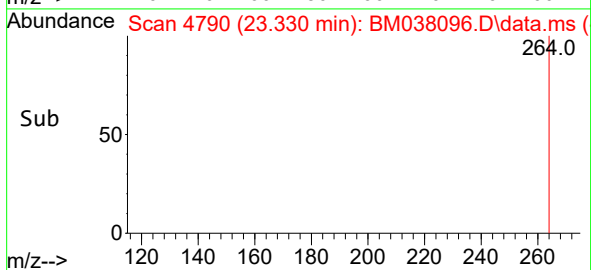
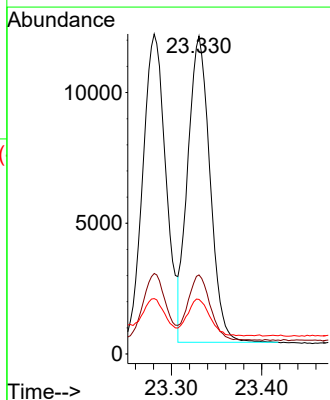
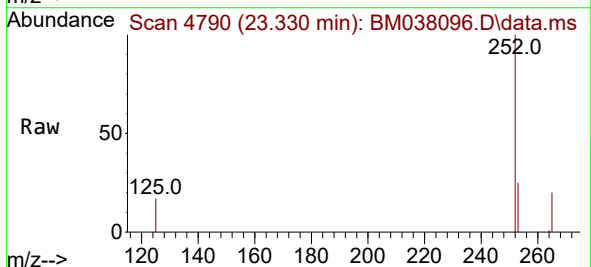
Instrument :
BNA_M
ClientSampleId :
SSTD0.4193

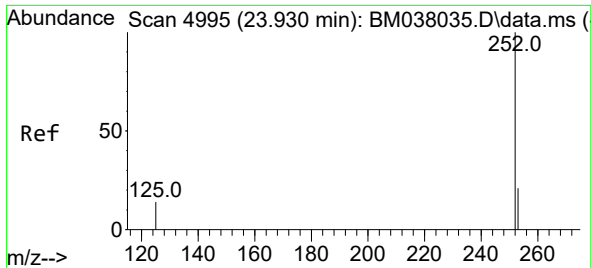
Tgt Ion:252 Resp: 21212
Ion Ratio Lower Upper
252 100
253 25.2 0.0 51.8
125 17.3 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 23.330 min Scan# 4790
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

Tgt Ion:252 Resp: 20000
Ion Ratio Lower Upper
252 100
253 24.9 20.8 31.2
125 17.2 17.1 25.7

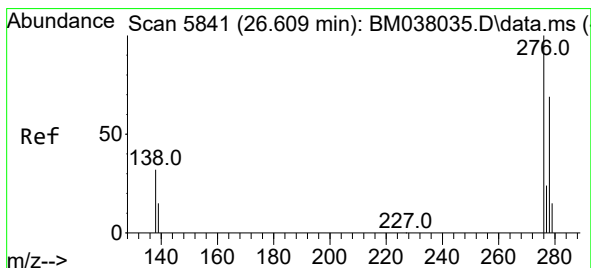
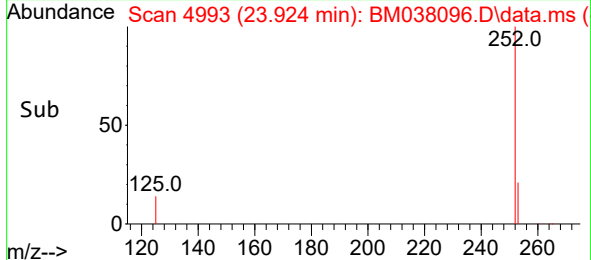
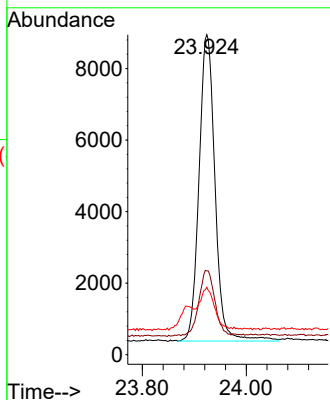
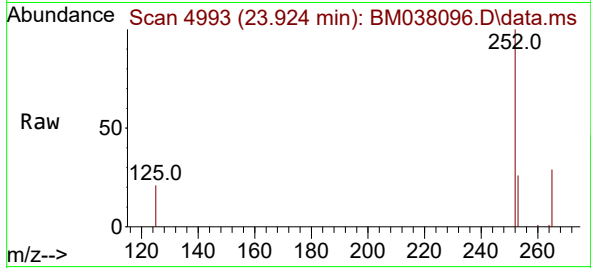




#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.924 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

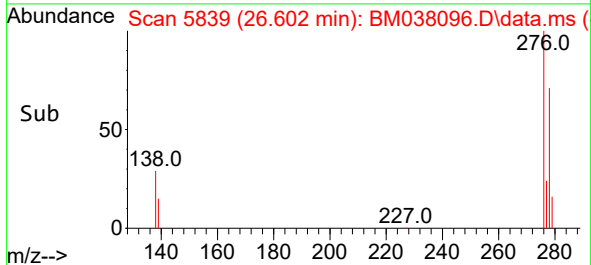
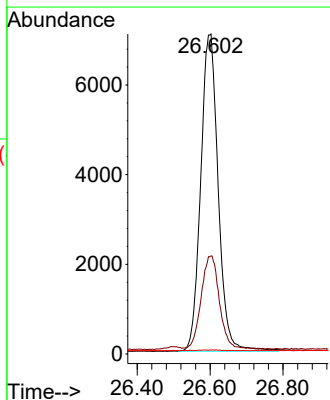
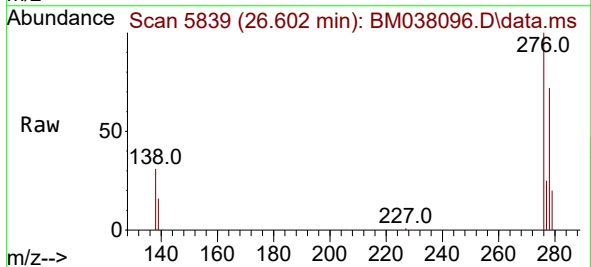
Instrument :
BNA_M
ClientSampleId :
SSTD0.4193

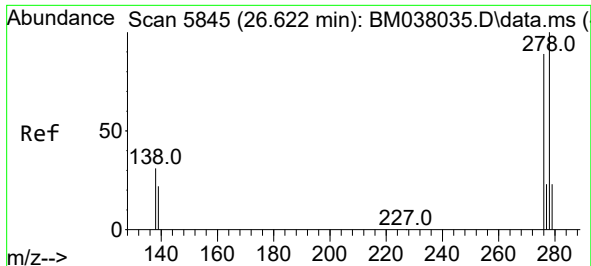
Tgt Ion:252 Resp: 18254
Ion Ratio Lower Upper
252 100
253 26.2 21.9 32.9
125 21.1 20.7 31.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. 0.003 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

Tgt Ion:276 Resp: 23563
Ion Ratio Lower Upper
276 100
138 30.1 26.6 40.0
227 0.1 0.1 0.1#

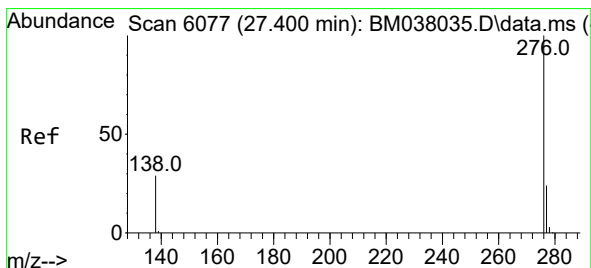
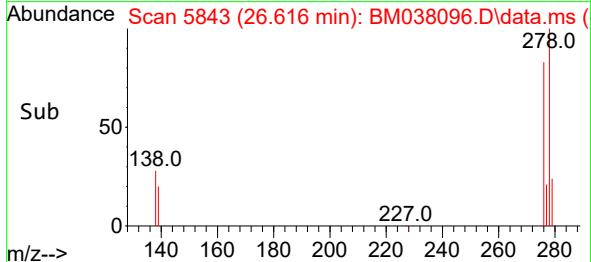
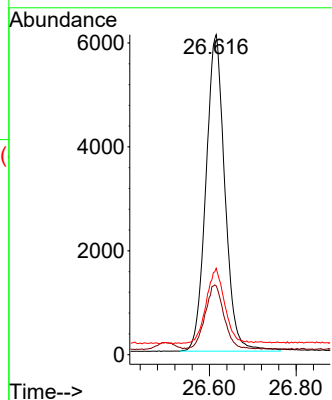
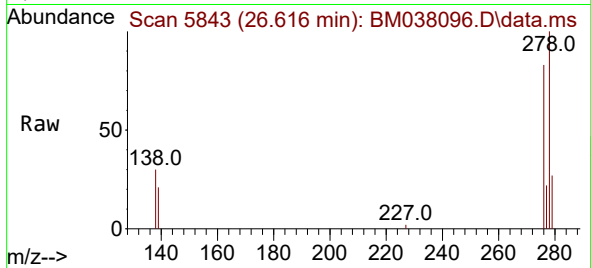




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 26.616 min Scan# 5843
Delta R.T. 0.000 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

Instrument :
BNA_M
ClientSampleId :
SSTD0.4193

Tgt Ion:278 Resp: 18474
Ion Ratio Lower Upper
278 100
139 21.5 19.0 28.6
279 27.0 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.396 ng/ul
RT: 27.390 min Scan# 6074
Delta R.T. -0.003 min
Lab File: BM038096.D
Acq: 17 Dec 2022 10:15

Tgt Ion:276 Resp: 20219
Ion Ratio Lower Upper
276 100
138 28.2 24.1 36.1
277 25.1 19.0 28.6

