

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037393.D
 Acq On : 07 Nov 2022 15:59
 Operator : CG/JU
 Sample : N5277-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4W5MSD

Quant Time: Nov 07 23:07:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:30:18 2022
 Response via : Initial Calibration

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

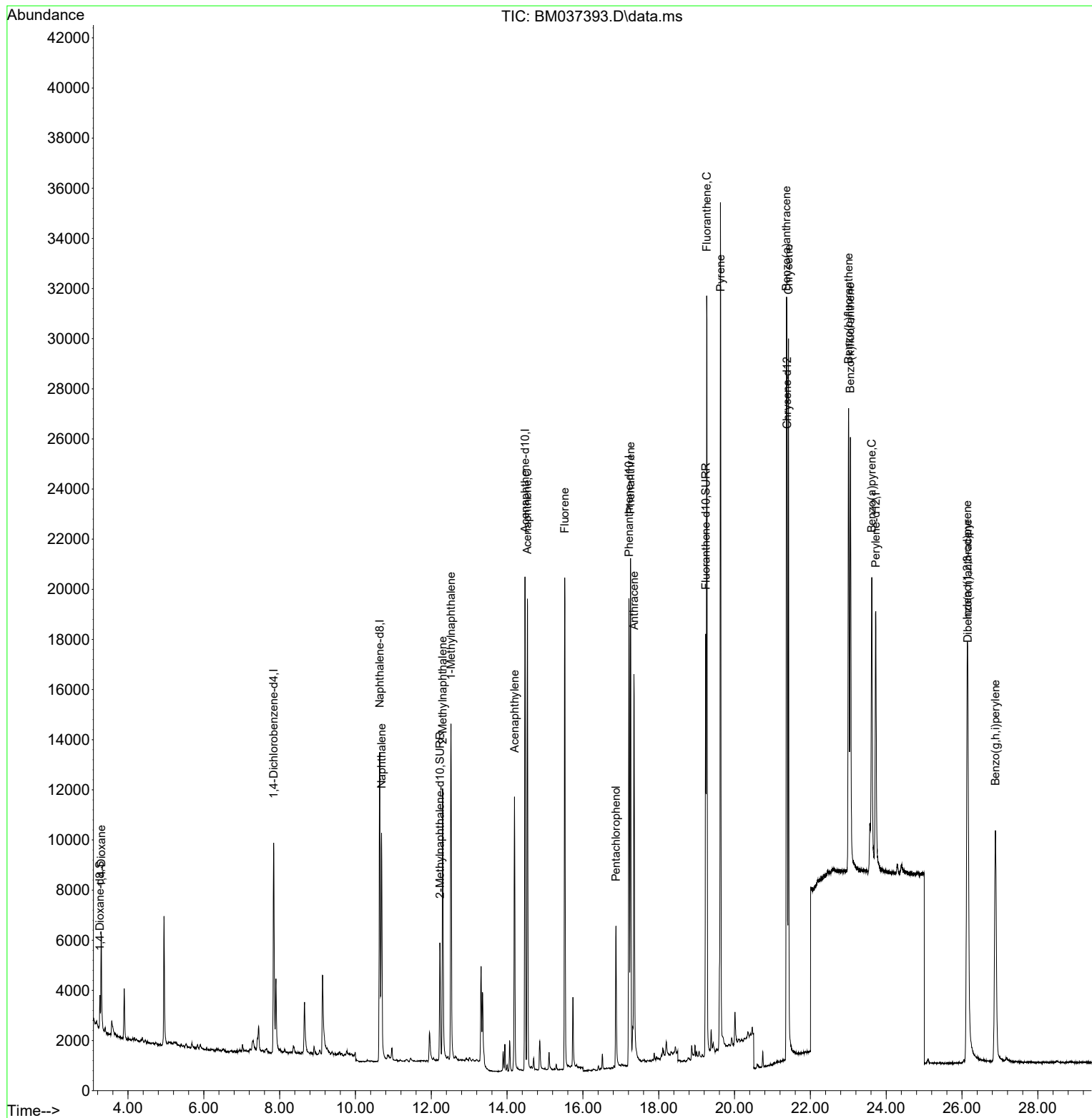
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	5202	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	18050	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	10598	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	22232	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	17138	0.400	ng/ul	0.00
23) Perylene-d12	23.721	264	14540	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	843	0.128	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	6936	0.256	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	17575	0.328	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	2532	0.388	ng/ul	99
5) Naphthalene	10.688	128	13547	0.259	ng/ul	99
7) 2-Methylnaphthalene	12.299	142	8758	0.267	ng/ul	100
8) 1-Methylnaphthalene	12.519	142	9533	0.283	ng/ul	100
10) Acenaphthylene	14.196	152	12601	0.279	ng/ul	99
11) Acenaphthene	14.533	153	10955	0.275	ng/ul	98
12) Fluorene	15.519	166	12593	0.276	ng/ul	99
14) Pentachlorophenol	16.870	266	4183	0.713	ng/ul	99
15) Phenanthrene	17.254	178	21753	0.286	ng/ul	100
16) Anthracene	17.347	178	18550	0.299	ng/ul	99
19) Fluoranthene	19.266	202	25981	0.320	ng/ul	96
20) Pyrene	19.628	202	27651	0.325	ng/ul	100
21) Benzo(a)anthracene	21.368	228	22911	0.310	ng/ul	99
22) Chrysene	21.421	228	23866	0.289	ng/ul	100
24) Benzo(b)fluoranthene	23.008	252	24319	0.291	ng/ul	96
25) Benzo(k)fluoranthene	23.055	252	23818	0.298	ng/ul	96
26) Benzo(a)pyrene	23.619	252	19580	0.281	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.135	276	24573	0.264	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.155	278	19223	0.269	ng/ul	96
29) Benzo(g,h,i)perylene	26.880	276	21060	0.262	ng/ul	99

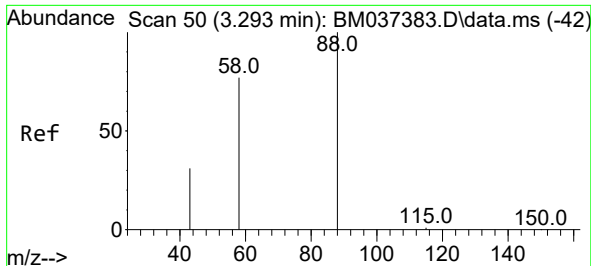
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
Data File : BM037393.D
Acq On : 07 Nov 2022 15:59
Operator : CG/JU
Sample : N5277-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Quant Time: Nov 07 23:07:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:30:18 2022
Response via : Initial Calibration

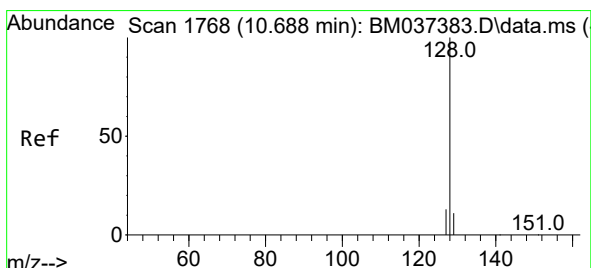
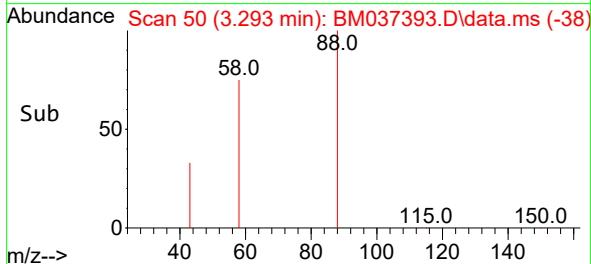
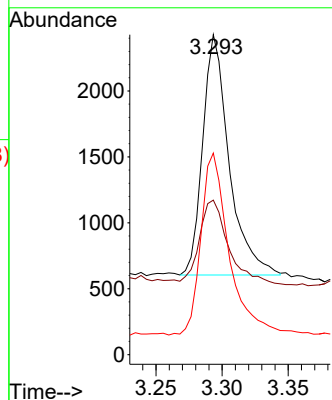
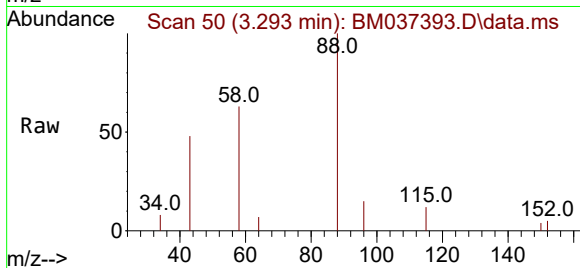




#2
1,4-Dioxane
Concen: 0.388 ng/ul
RT: 3.293 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

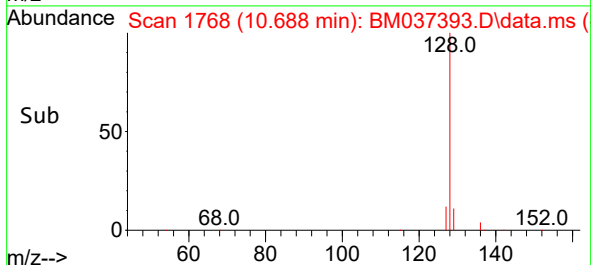
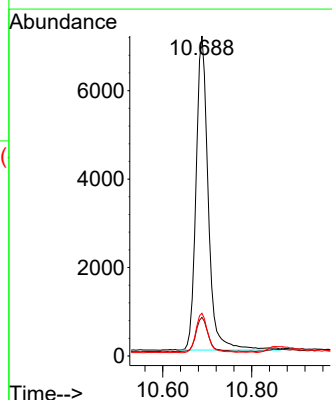
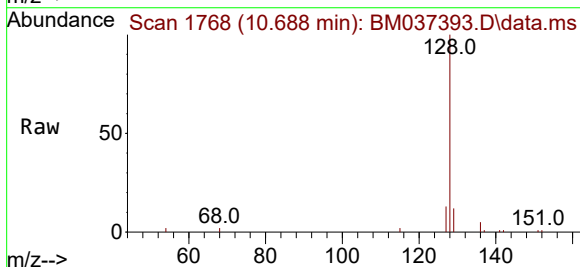
Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

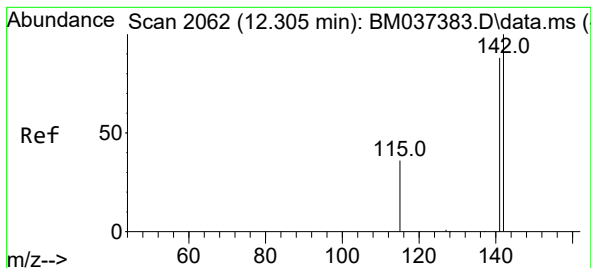
Tgt Ion: 88 Resp: 2532
Ion Ratio Lower Upper
88 100
43 48.3 39.9 59.9
58 63.0 50.2 75.2



#5
Naphthalene
Concen: 0.259 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion: 128 Resp: 13547
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.3 10.2 15.4

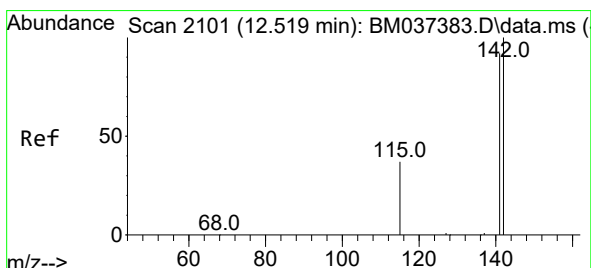
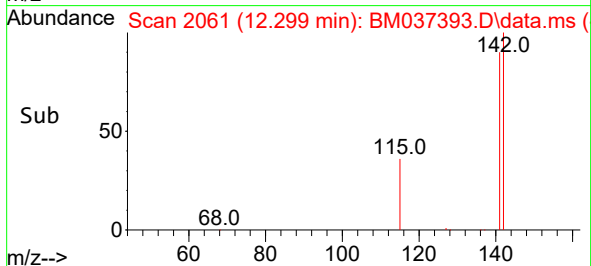
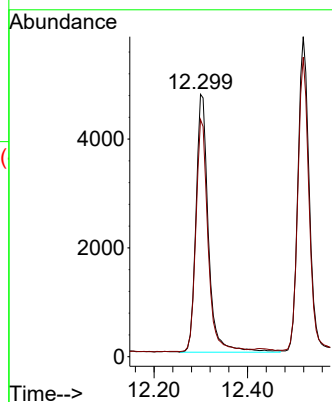
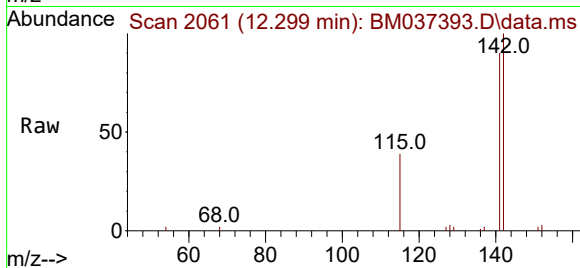




#7
2-Methylnaphthalene
Concen: 0.267 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

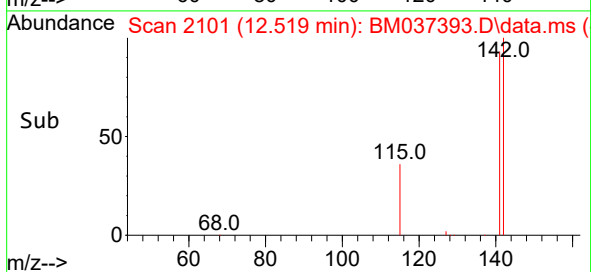
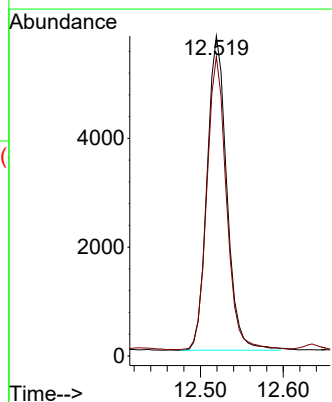
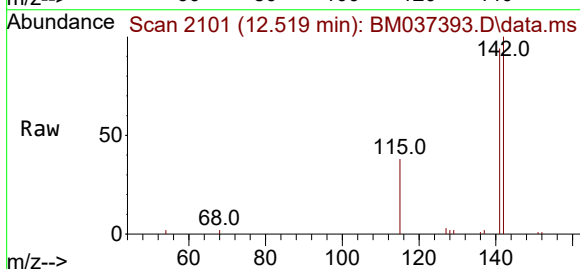
Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

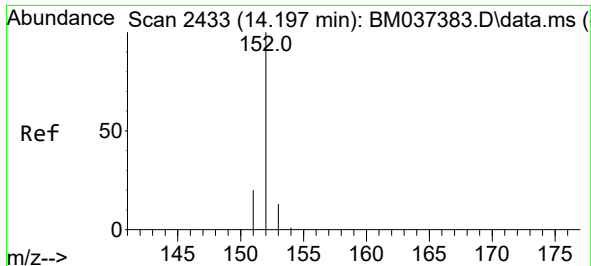
Tgt Ion:142 Resp: 8758
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:142 Resp: 9533
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9

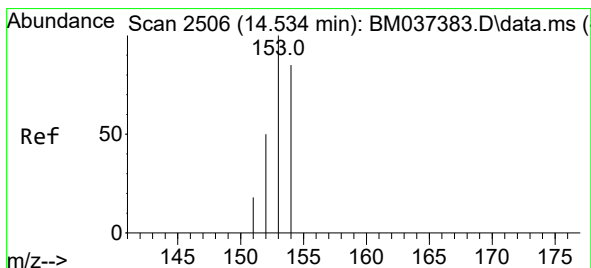
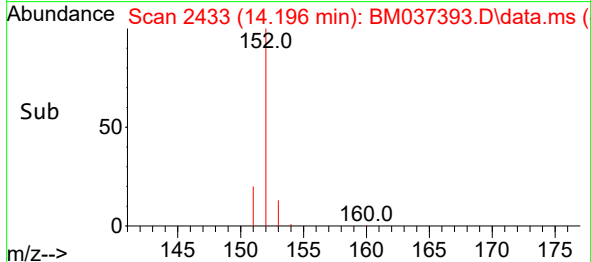
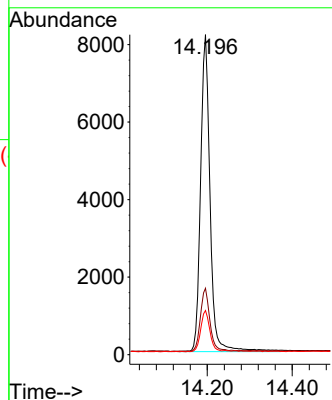
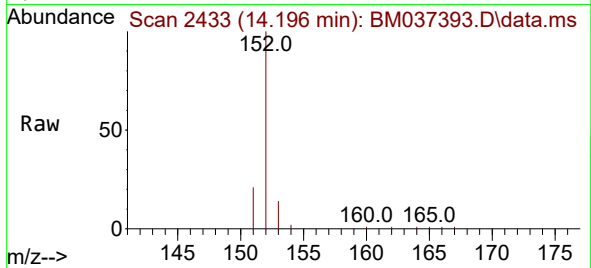




#10
Acenaphthylene
Concen: 0.279 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

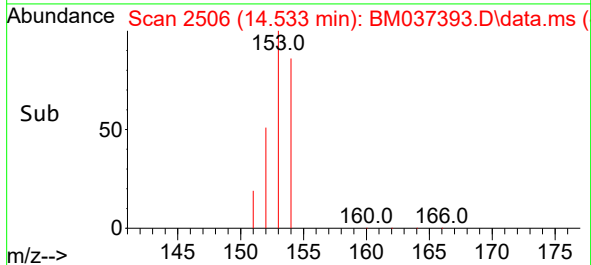
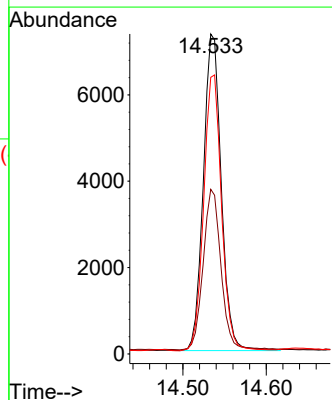
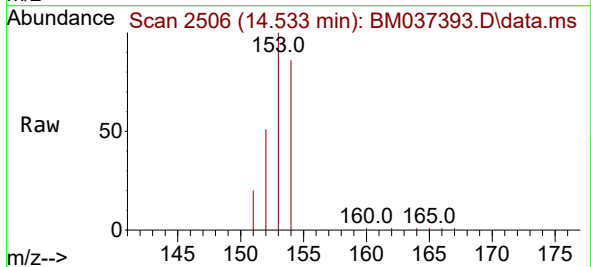
Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

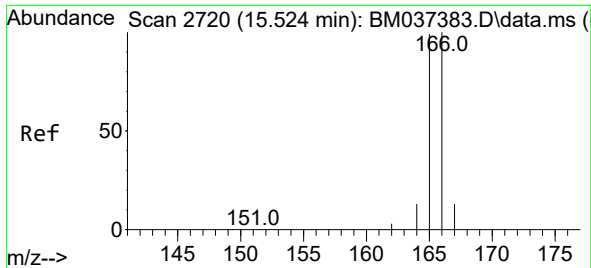
Tgt Ion:	152	Resp:	12601
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.1	24.1
153	13.8	11.0	16.4



#11
Acenaphthene
Concen: 0.275 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:	153	Resp:	10955
Ion Ratio	Lower	Upper	
153	100		
152	51.5	40.2	60.4
154	86.5	70.4	105.6

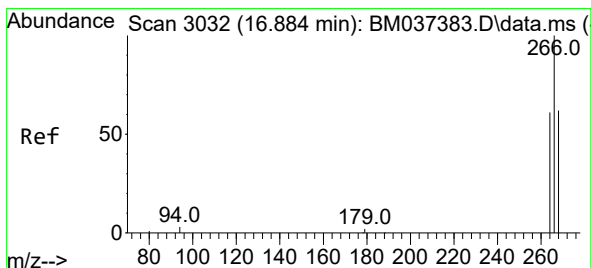
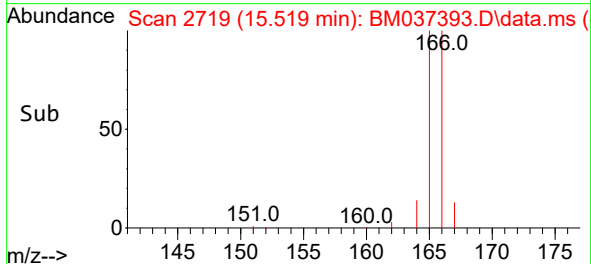
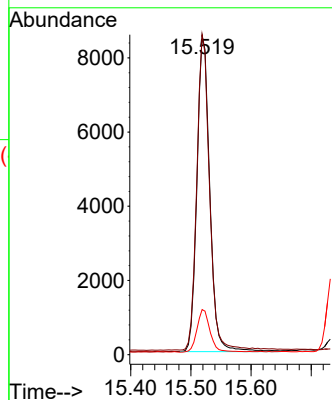
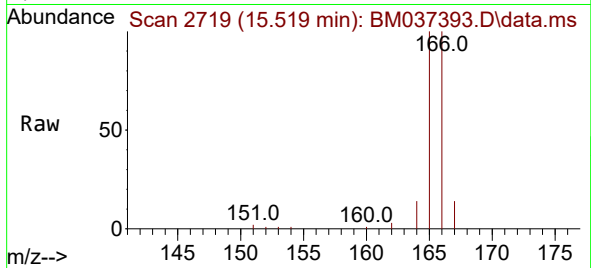




#12
 Fluorene
 Concen: 0.276 ng/ul
 RT: 15.519 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM037393.D
 Acq: 07 Nov 2022 15:59

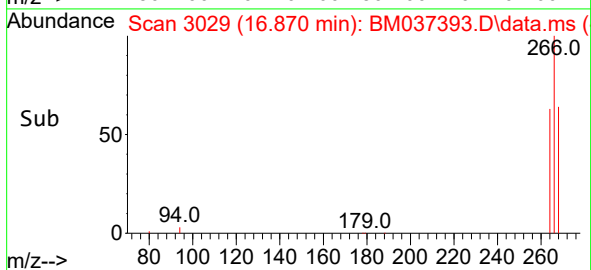
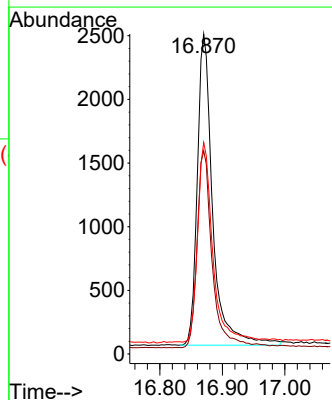
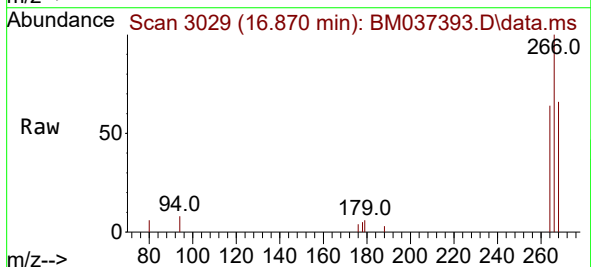
Instrument :
 BNA_M
 ClientSampleId :
 EW4W5MSD

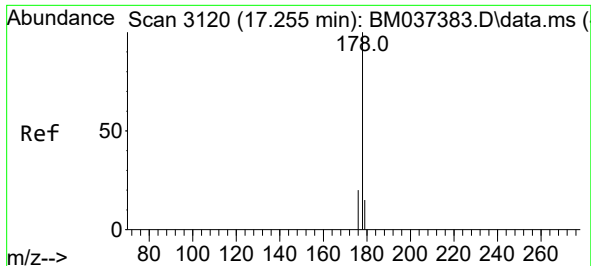
Tgt Ion:166 Resp: 12593
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.0 118.4
 167 14.1 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.713 ng/ul
 RT: 16.870 min Scan# 3029
 Delta R.T. -0.008 min
 Lab File: BM037393.D
 Acq: 07 Nov 2022 15:59

Tgt Ion:266 Resp: 4183
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.9 74.9
 268 63.7 51.9 77.9

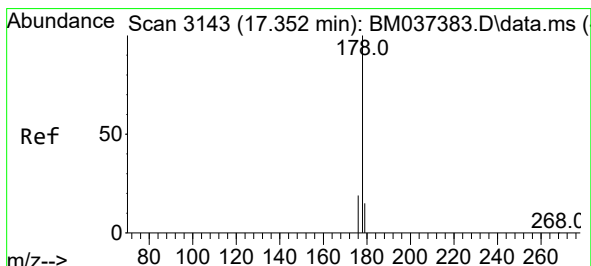
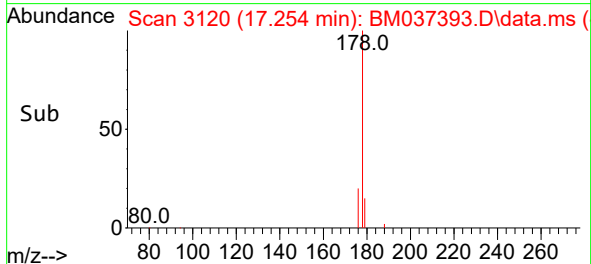
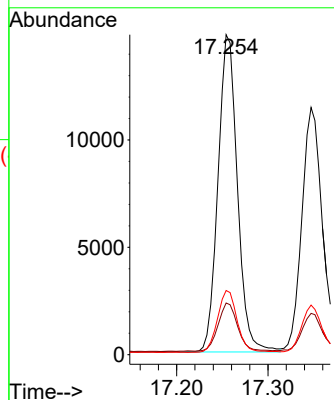
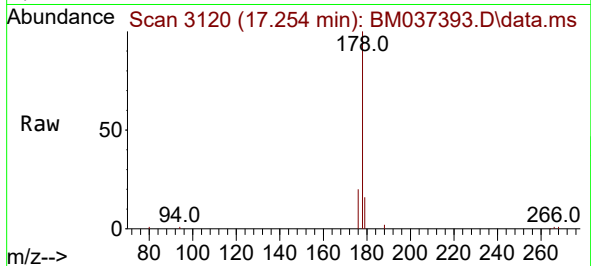




#15
Phenanthrene
Concen: 0.286 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

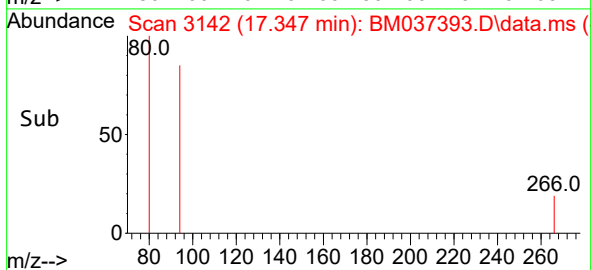
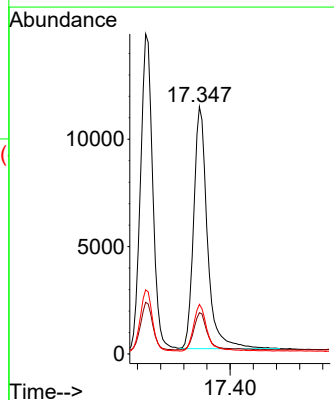
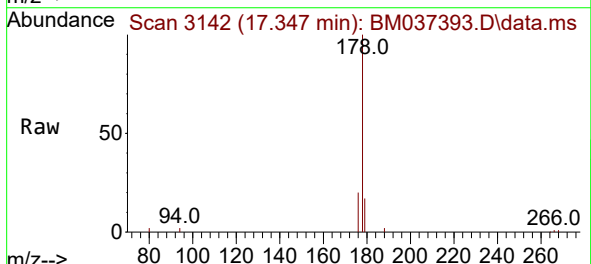
Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

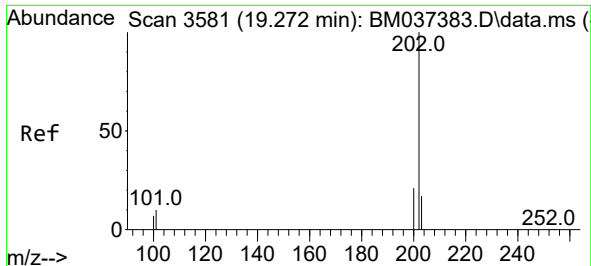
Tgt Ion:178 Resp: 21753
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 20.1 16.0 24.0



#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:178 Resp: 18550
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.4
176 20.1 15.5 23.3

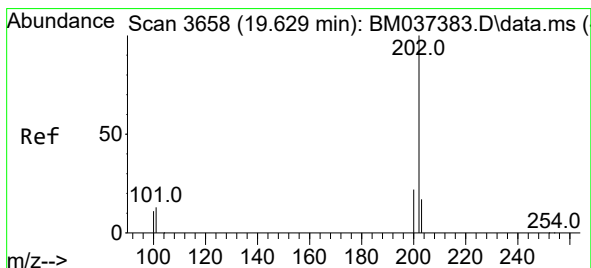
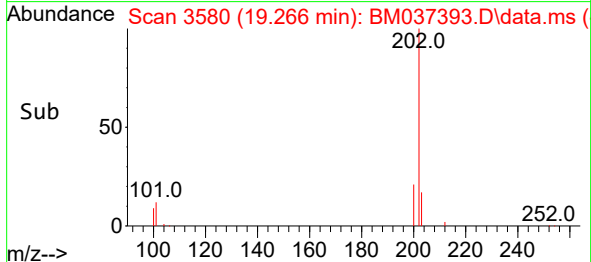
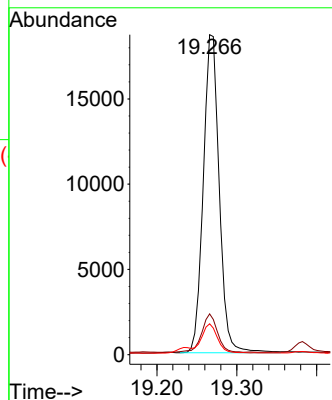
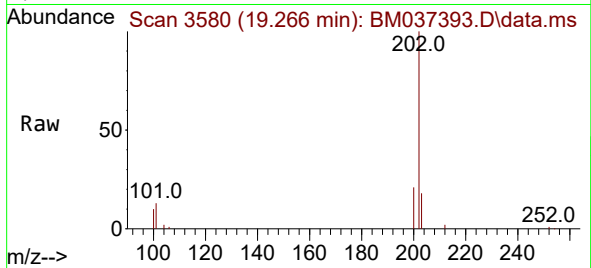




#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.266 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

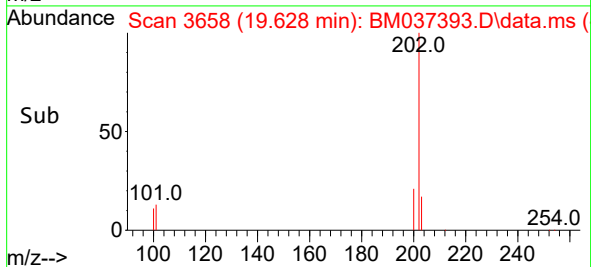
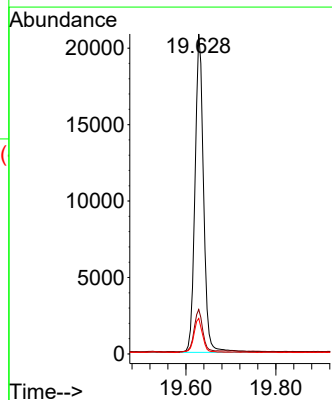
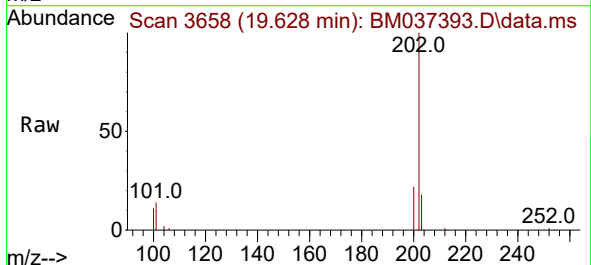
Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

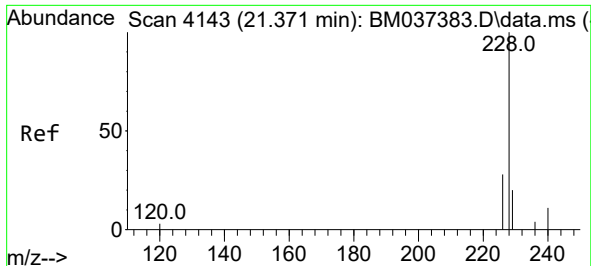
Tgt Ion:202 Resp: 25981
Ion Ratio Lower Upper
202 100
101 12.8 8.7 13.1
100 9.6 6.6 10.0



#20
Pyrene
Concen: 0.325 ng/ul
RT: 19.628 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:202 Resp: 27651
Ion Ratio Lower Upper
202 100
101 13.9 11.1 16.7
100 11.1 9.0 13.4

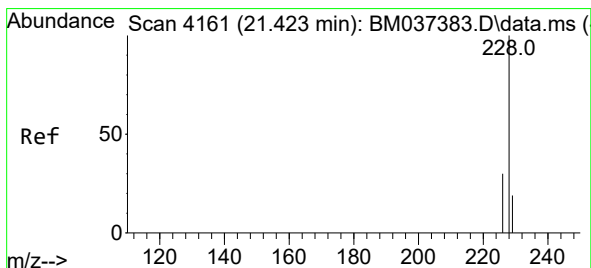
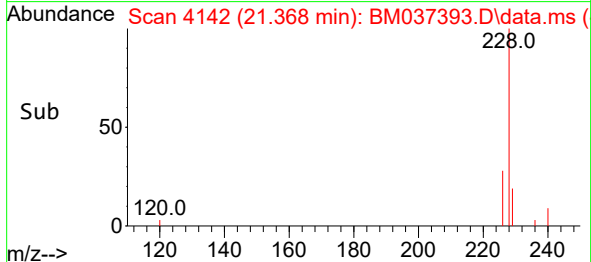
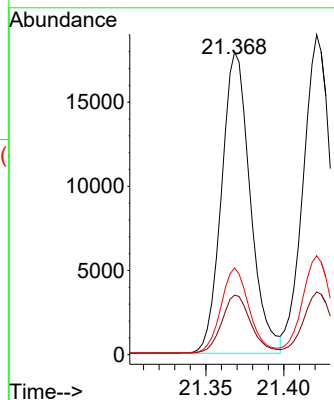
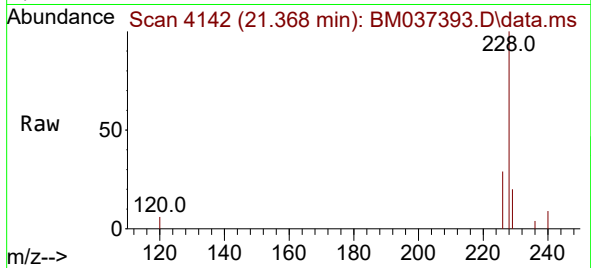




#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.368 min Scan# 4143
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

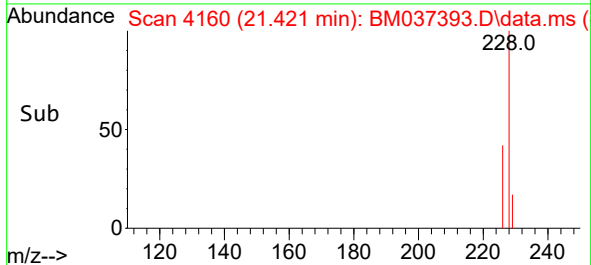
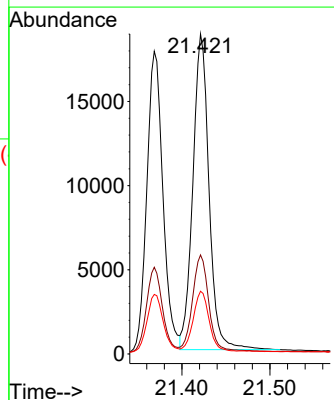
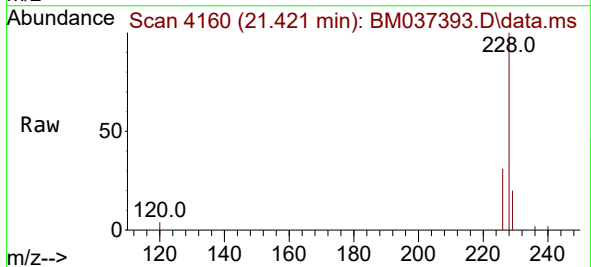
Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

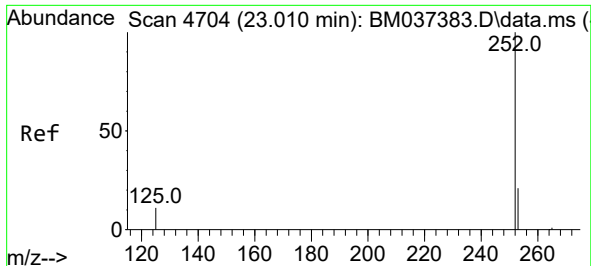
Tgt Ion:228 Resp: 22911
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 28.6 22.6 33.8



#22
Chrysene
Concen: 0.289 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.003 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:228 Resp: 23866
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 19.6 15.6 23.4

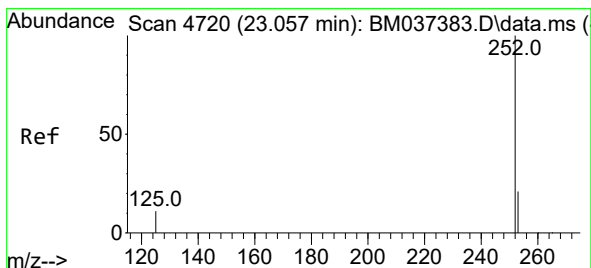
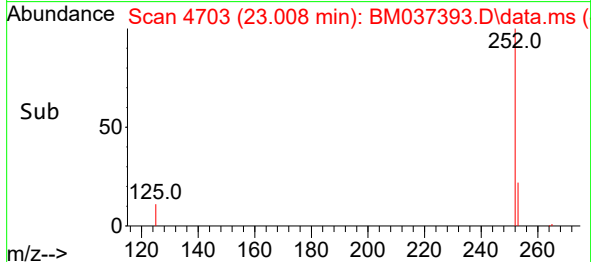
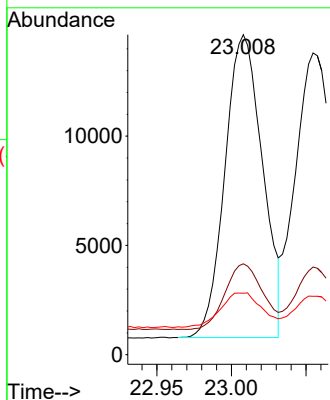
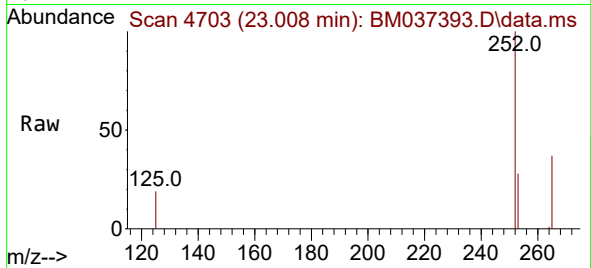




#24
Benzo(b)fluoranthene
Concen: 0.291 ng/ul
RT: 23.008 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

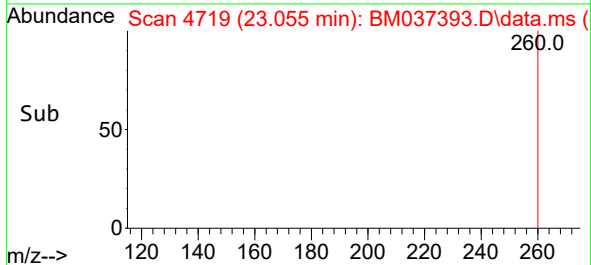
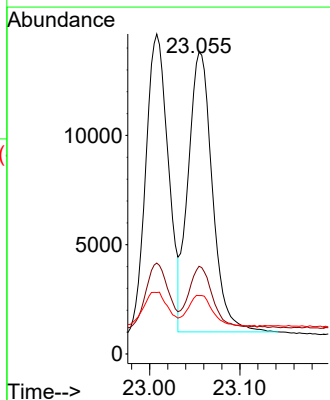
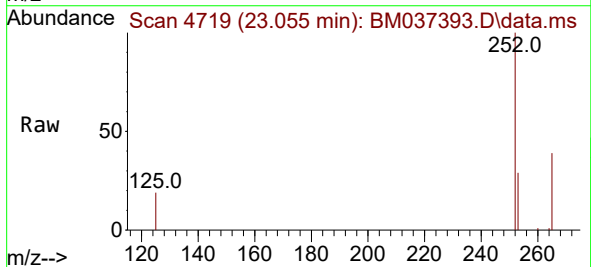
Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

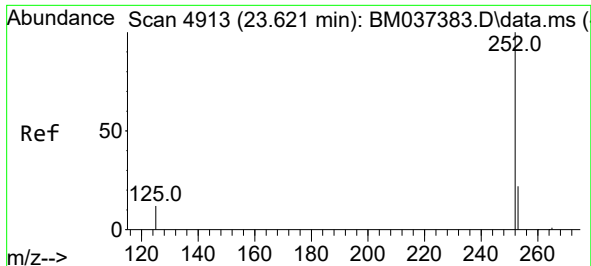
Tgt Ion:252 Resp: 24319
Ion Ratio Lower Upper
252 100
253 28.4 0.0 52.6
125 19.2 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.298 ng/ul
RT: 23.055 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:252 Resp: 23818
Ion Ratio Lower Upper
252 100
253 29.0 21.6 32.4
125 19.4 13.8 20.8

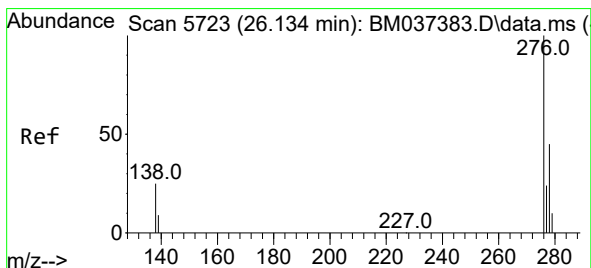
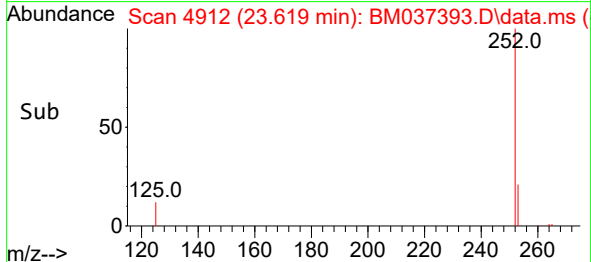
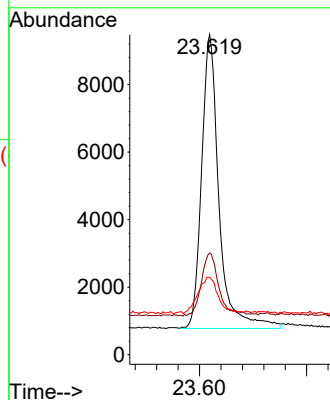
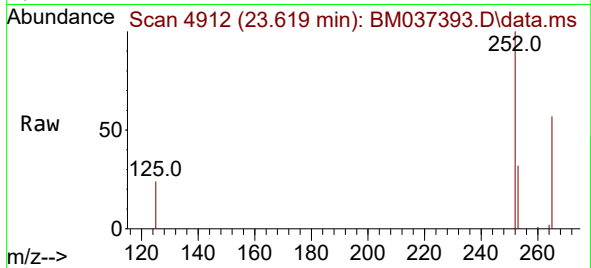




#26
Benzo(a)pyrene
Concen: 0.281 ng/ul
RT: 23.619 min Scan# 4913
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

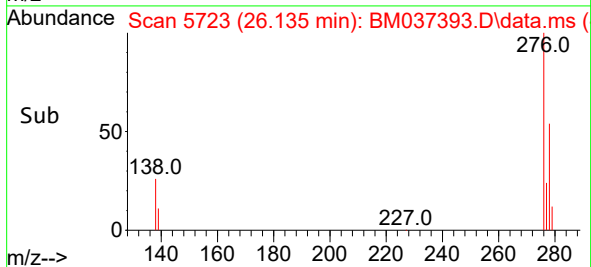
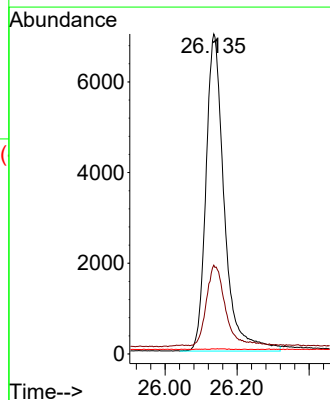
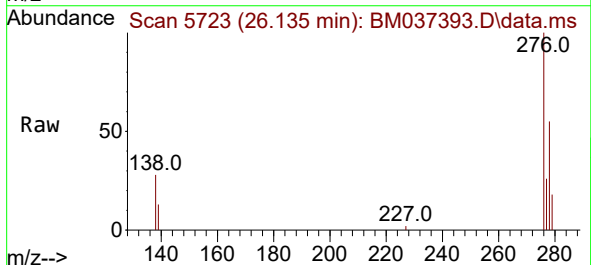
Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

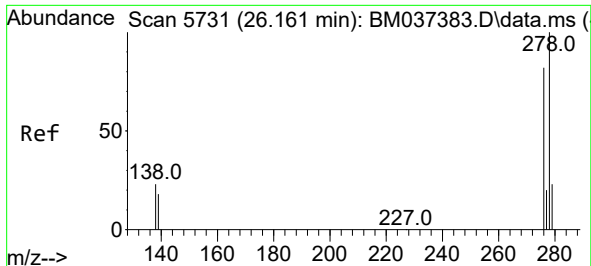
Tgt Ion:252 Resp: 19580
Ion Ratio Lower Upper
252 100
253 31.8 23.8 35.6
125 24.2 17.2 25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.264 ng/ul
RT: 26.135 min Scan# 5723
Delta R.T. -0.003 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:276 Resp: 24573
Ion Ratio Lower Upper
276 100
138 26.1 20.8 31.2
227 0.0 0.1 0.1#

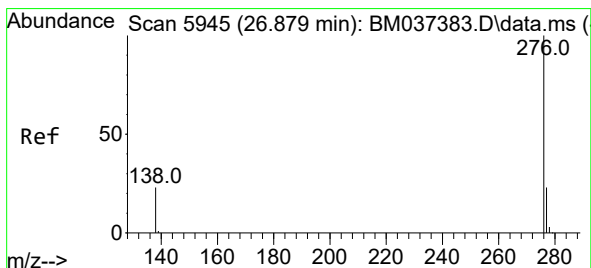
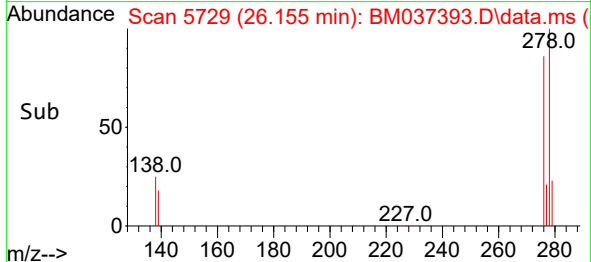
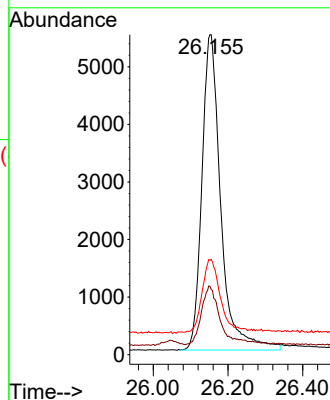
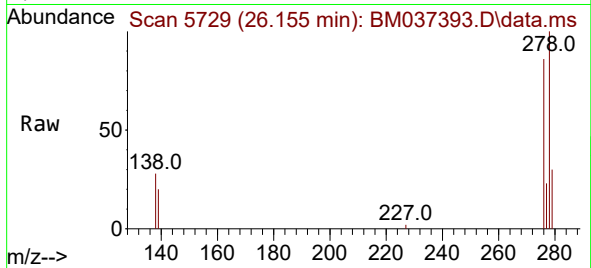




#28
Dibenzo(a,h)anthracene
Concen: 0.269 ng/ul
RT: 26.155 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Instrument :
BNA_M
ClientSampleId :
EW4W5MSD

Tgt Ion:278 Resp: 19223
Ion Ratio Lower Upper
278 100
139 20.4 15.2 22.8
279 29.8 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.262 ng/ul
RT: 26.880 min Scan# 5945
Delta R.T. 0.000 min
Lab File: BM037393.D
Acq: 07 Nov 2022 15:59

Tgt Ion:276 Resp: 21060
Ion Ratio Lower Upper
276 100
138 25.4 19.6 29.4
277 24.7 20.1 30.1

