

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037392.D
 Acq On : 07 Nov 2022 15:21
 Operator : CG/JU
 Sample : N5277-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4W5MS

Quant Time: Nov 07 23:07:28 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)

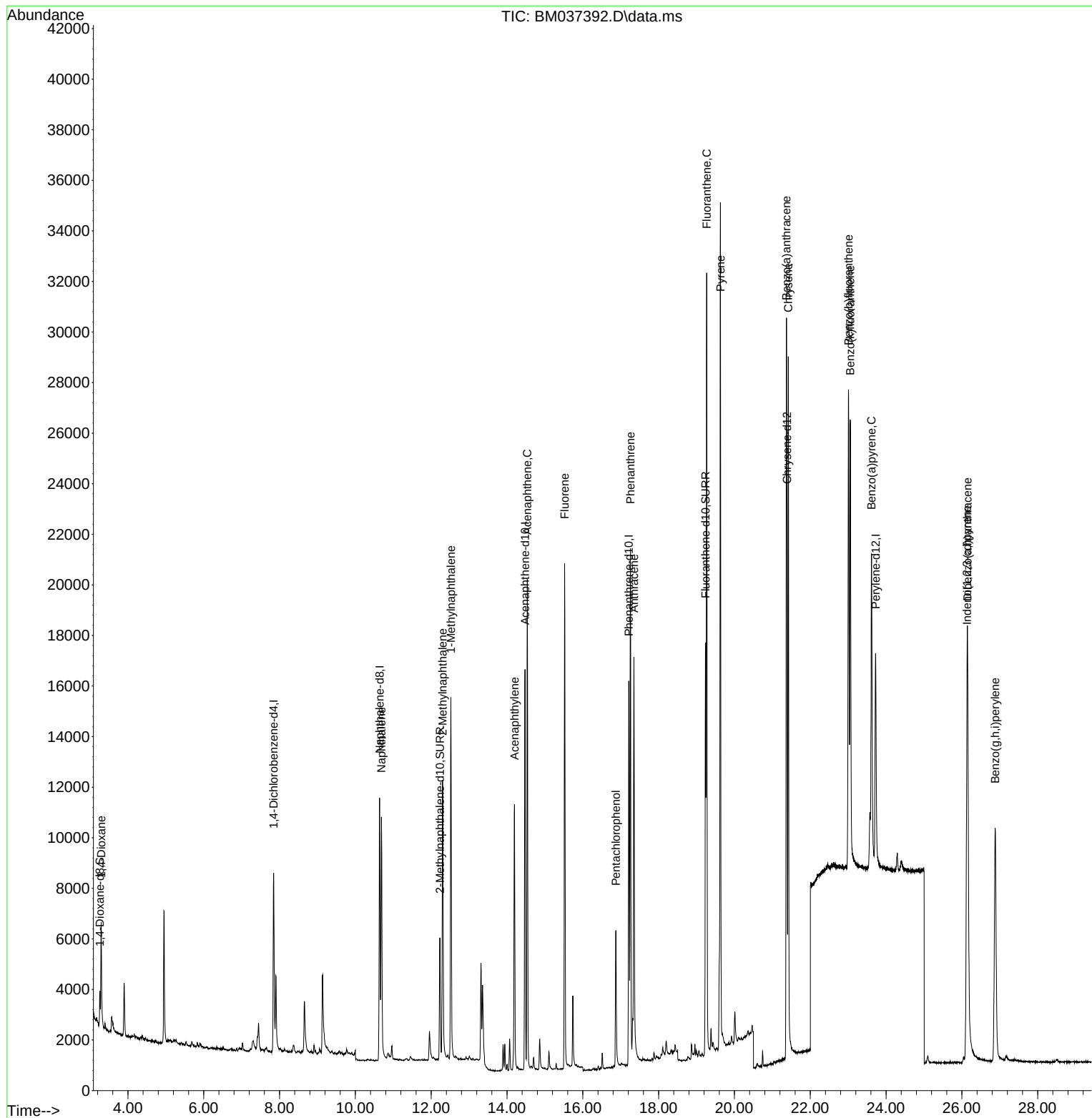
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	4475	0.400	ng/u1	0.00
4) Naphthalene-d8	10.638	136	15225	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.474	164	8782	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.213	188	18223	0.400	ng/u1	0.00
17) Chrysene-d12	21.385	240	13984	0.400	ng/u1	0.00
23) Perylene-d12	23.723	264	11689	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	932	0.164	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.228	152	7171	0.313	ng/u1	0.00
18) Fluoranthene-d10	19.239	212	17732	0.405	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	2698	0.480	ng/u1	98
5) Naphthalene	10.688	128	13981	0.317	ng/u1	98
7) 2-Methylnaphthalene	12.299	142	9028	0.326	ng/u1	100
8) 1-Methylnaphthalene	12.519	142	9812	0.345	ng/u1	100
10) Acenaphthylene	14.197	152	12762	0.341	ng/u1	100
11) Acenaphthene	14.534	153	11136	0.337	ng/u1	99
12) Fluorene	15.520	166	12826	0.339	ng/u1	100
14) Pentachlorophenol	16.871	266	4176	0.868	ng/u1	99
15) Phenanthrene	17.255	178	21904	0.351	ng/u1	99
16) Anthracene	17.348	178	18581	0.365	ng/u1	99
19) Fluoranthene	19.267	202	26122	0.394	ng/u1	97
20) Pyrene	19.629	202	27736	0.400	ng/u1	99
21) Benzo(a)anthracene	21.368	228	22915	0.380	ng/u1	99
22) Chrysene	21.420	228	24037	0.357	ng/u1	100
24) Benzo(b)fluoranthene	23.007	252	24724	0.369	ng/u1	96
25) Benzo(k)fluoranthene	23.054	252	23278	0.362	ng/u1	97
26) Benzo(a)pyrene	23.615	252	19639	0.350	ng/u1	95
27) Indeno(1,2,3-cd)pyrene	26.134	276	24614	0.330	ng/u1#	99
28) Dibenzo(a,h)anthracene	26.151	278	19103	0.332	ng/u1	96
29) Benzo(g,h,i)perylene	26.879	276	20928	0.324	ng/u1	98

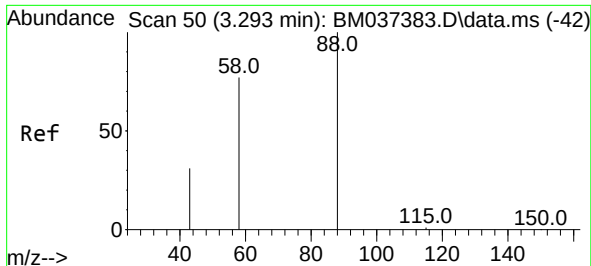
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 07 23:07:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
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QLast Update : Mon Nov 07 00:30:18 2022
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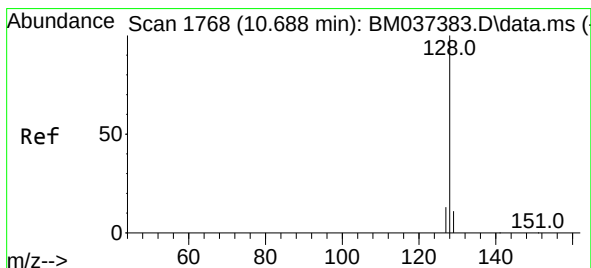
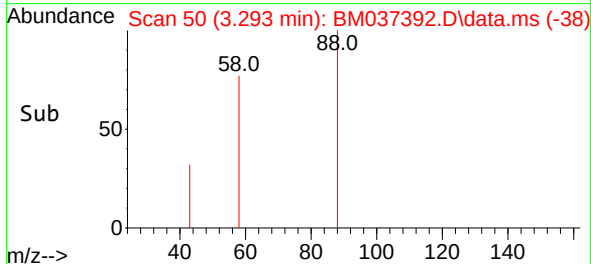
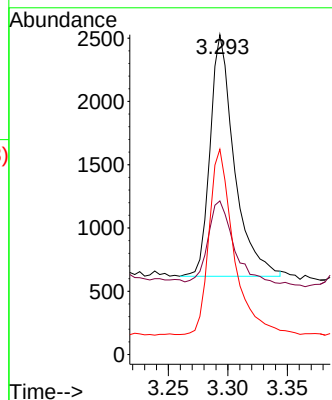
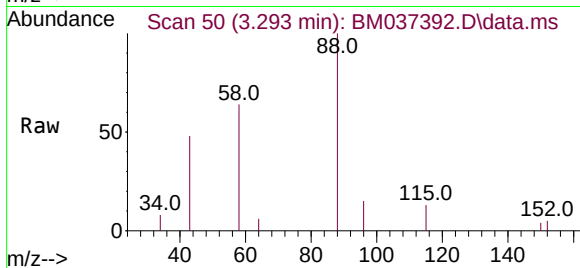




#2
 1,4-Dioxane
 Concen: 0.480 ng/ul
 RT: 3.293 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BM037392.D
 Acq: 07 Nov 2022 15:21

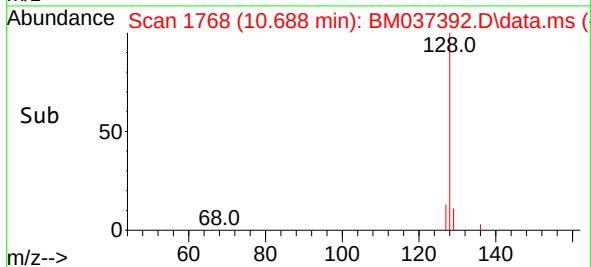
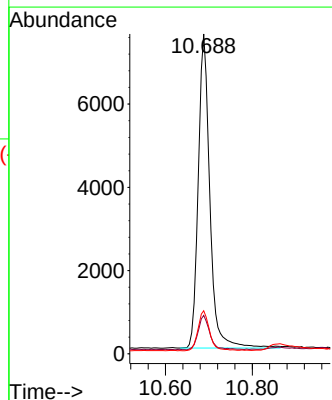
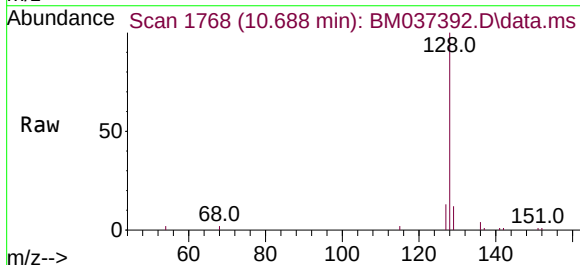
Instrument :
 BNA_M
 ClientSampleId :
 EW4W5MS

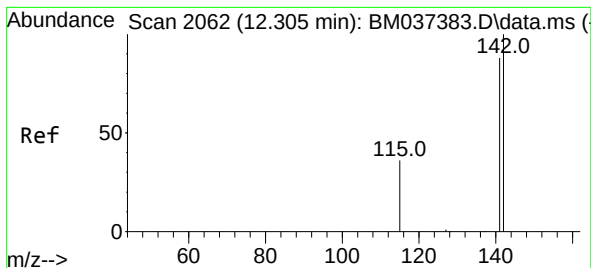
Tgt Ion: 88 Resp: 2698
 Ion Ratio Lower Upper
 88 100
 43 48.0 39.9 59.9
 58 64.2 50.2 75.2



#5
 Naphthalene
 Concen: 0.317 ng/ul
 RT: 10.688 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BM037392.D
 Acq: 07 Nov 2022 15:21

Tgt Ion: 128 Resp: 13981
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.2 13.8
 127 13.5 10.2 15.4





#7

2-Methylnaphthalene

Concen: 0.326 ng/ul

RT: 12.299 min Scan# 2061

Delta R.T. -0.005 min

Lab File: BM037392.D

Acq: 07 Nov 2022 15:21

Instrument :

BNA_M

ClientSampleId :

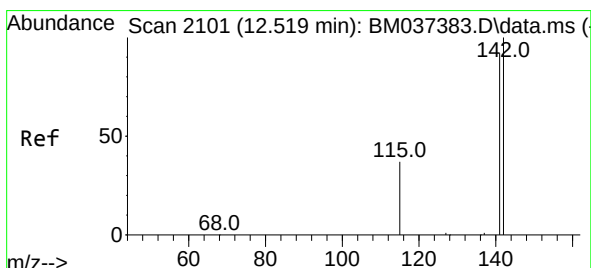
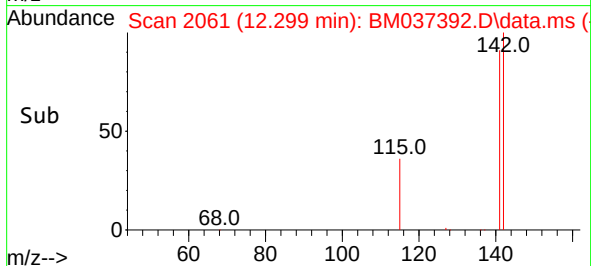
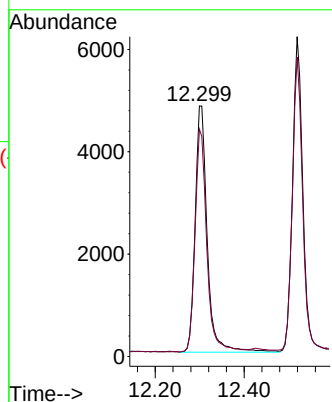
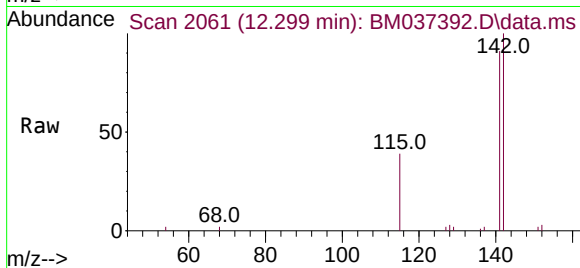
EW4W5MS

Tgt Ion:142 Resp: 9028

Ion Ratio Lower Upper

142 100

141 88.1 70.6 105.8



#8

1-Methylnaphthalene

Concen: 0.345 ng/ul

RT: 12.519 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BM037392.D

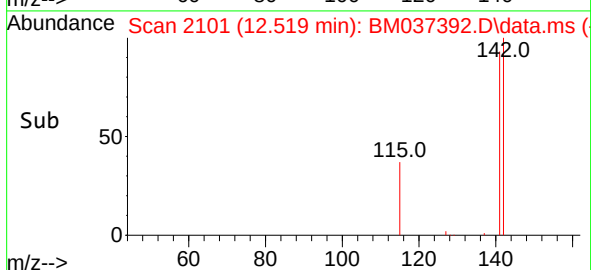
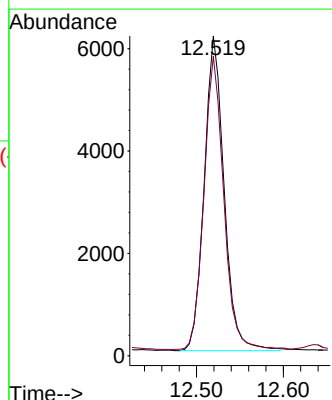
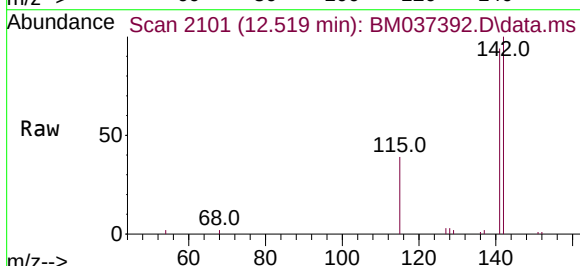
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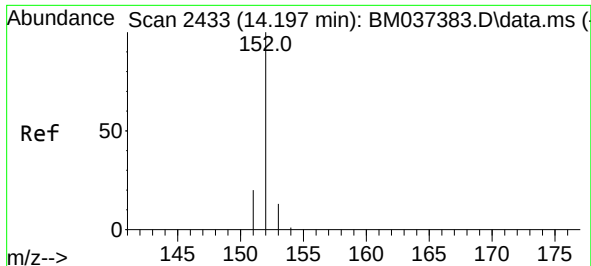
Tgt Ion:142 Resp: 9812

Ion Ratio Lower Upper

142 100

141 92.3 73.9 110.9

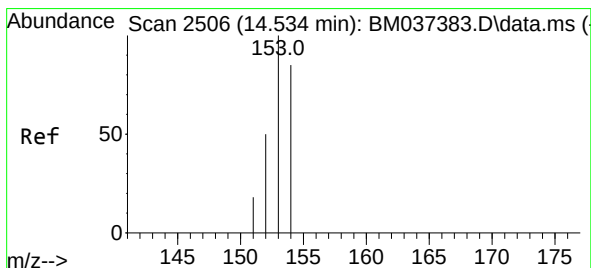
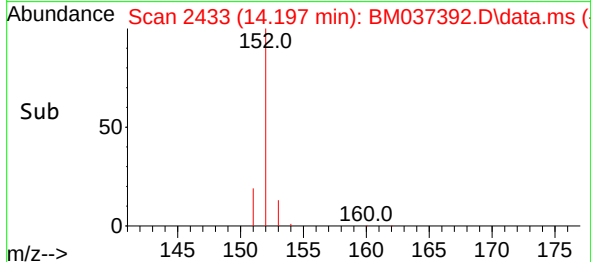
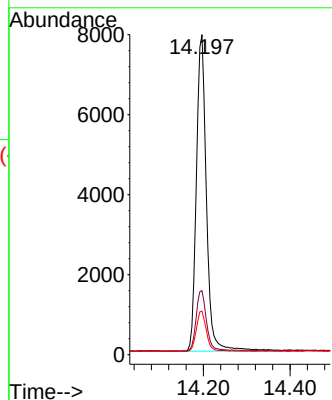
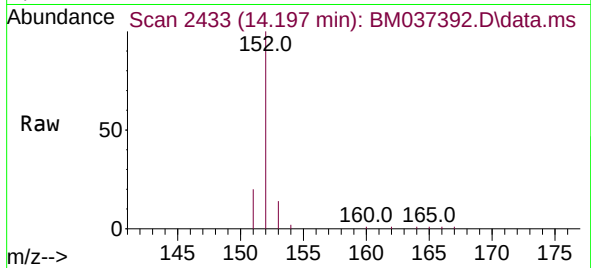




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.197 min Scan# 2433
Delta R.T. 0.001 min
Lab File: BM037392.D
Acq: 07 Nov 2022 15:21

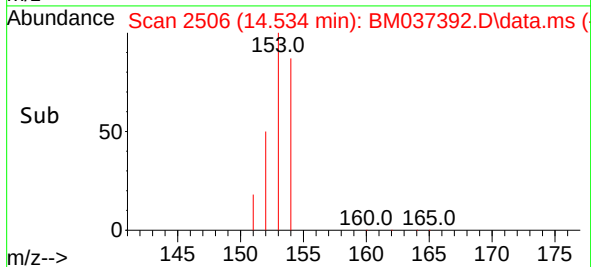
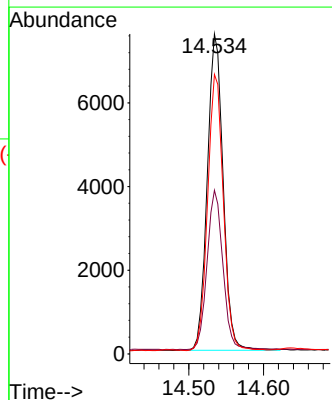
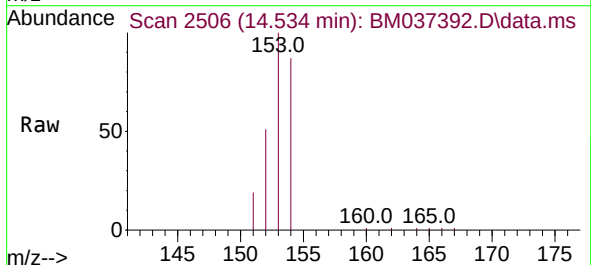
Instrument :
BNA_M
ClientSampleId :
EW4W5MS

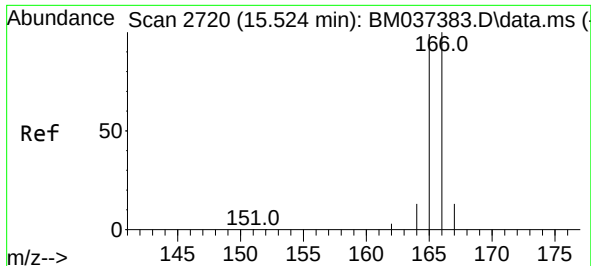
Tgt Ion:	152	Resp:	12762
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.1	24.1
153	13.6	11.0	16.4



#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.004 min
Lab File: BM037392.D
Acq: 07 Nov 2022 15:21

Tgt Ion:	153	Resp:	11136
Ion Ratio	Lower	Upper	
153	100		
152	51.1	40.2	60.4
154	87.3	70.4	105.6

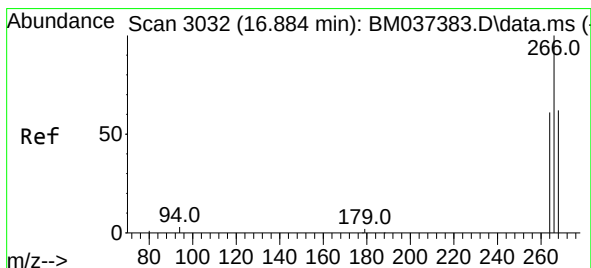
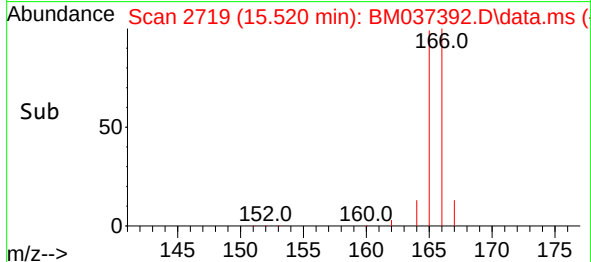
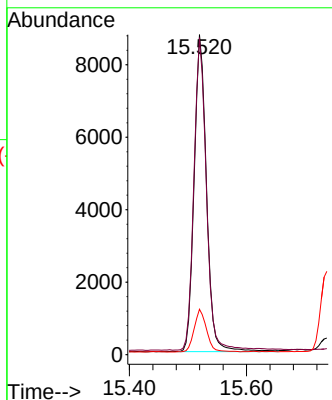
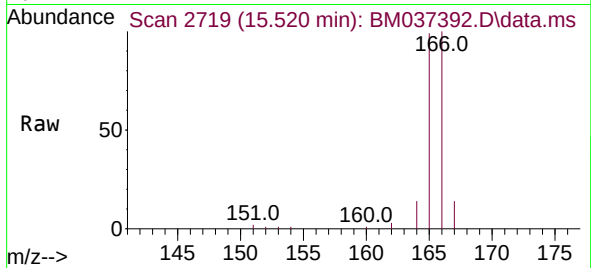




#12
 Fluorene
 Concen: 0.339 ng/ul
 RT: 15.520 min Scan# 2719
 Delta R.T. -0.004 min
 Lab File: BM037392.D
 Acq: 07 Nov 2022 15:21

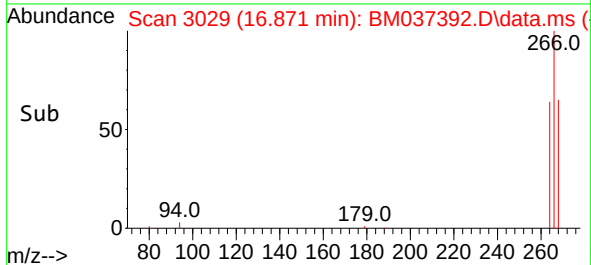
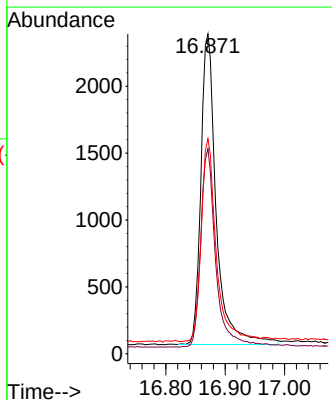
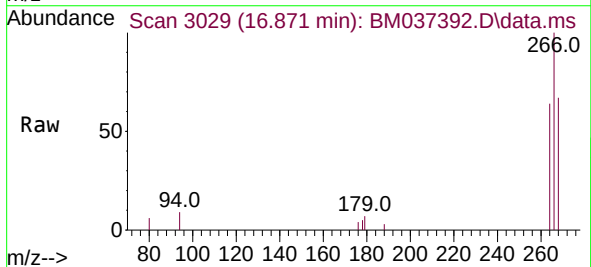
Instrument :
 BNA_M
 ClientSampleId :
 EW4W5MS

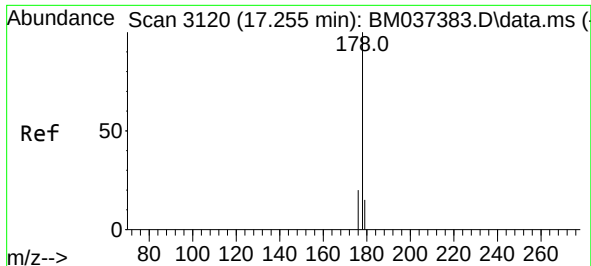
Tgt Ion:166	Resp:	12826
Ion Ratio	Lower	Upper
166	100	
165	99.0	79.0 118.4
167	14.2	11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.868 ng/ul
 RT: 16.871 min Scan# 3029
 Delta R.T. -0.008 min
 Lab File: BM037392.D
 Acq: 07 Nov 2022 15:21

Tgt Ion:266	Resp:	4176
Ion Ratio	Lower	Upper
266	100	
264	62.9	49.9 74.9
268	63.4	51.9 77.9

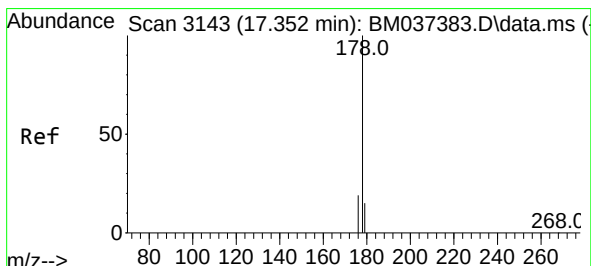
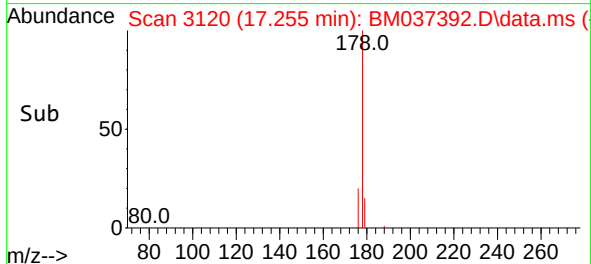
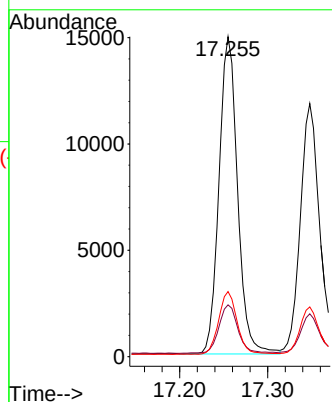
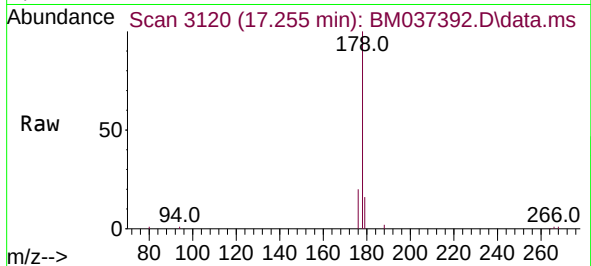




#15
 Phenanthrene
 Concen: 0.351 ng/ul
 RT: 17.255 min Scan# 3120
 Delta R.T. -0.003 min
 Lab File: BM037392.D
 Acq: 07 Nov 2022 15:21

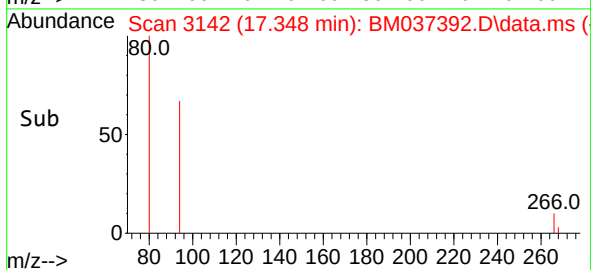
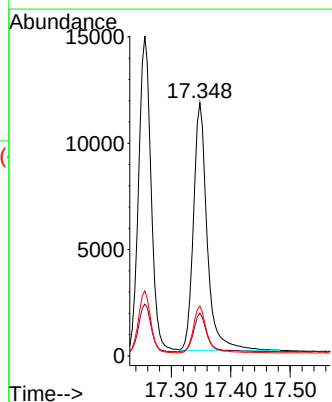
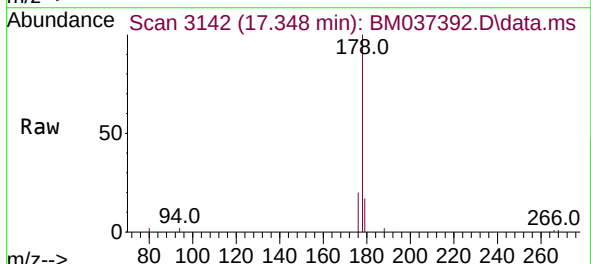
Instrument :
 BNA_M
 ClientSampleId :
 EW4W5MS

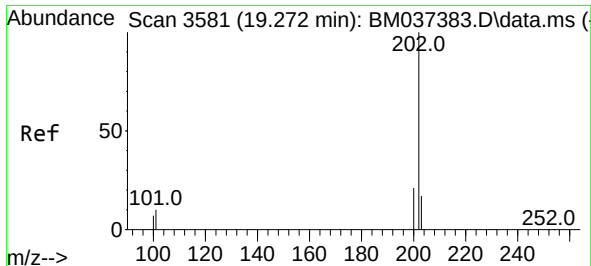
Tgt Ion:178 Resp: 21904
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.9 19.3
 176 20.4 16.0 24.0



#16
 Anthracene
 Concen: 0.365 ng/ul
 RT: 17.348 min Scan# 3142
 Delta R.T. -0.003 min
 Lab File: BM037392.D
 Acq: 07 Nov 2022 15:21

Tgt Ion:178 Resp: 18581
 Ion Ratio Lower Upper
 178 100
 179 16.9 13.0 19.4
 176 19.7 15.5 23.3

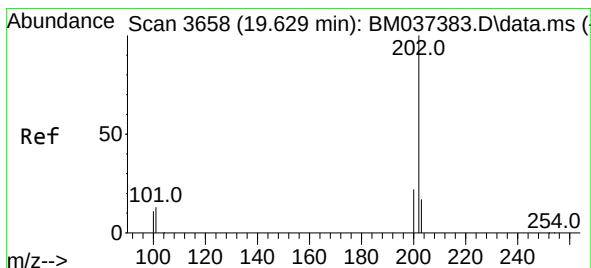
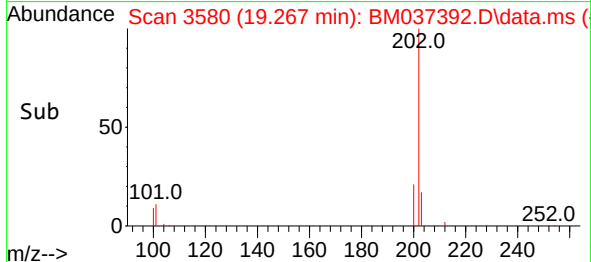
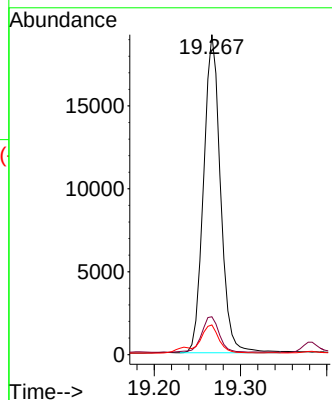
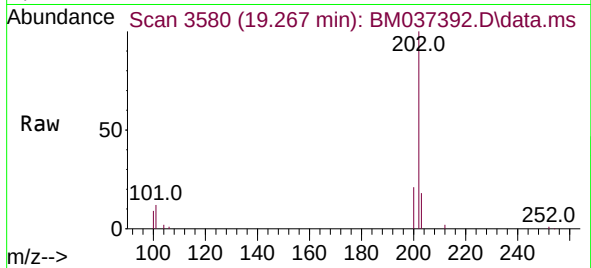




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.267 min Scan# 3581
Delta R.T. -0.004 min
Lab File: BM037392.D
Acq: 07 Nov 2022 15:21

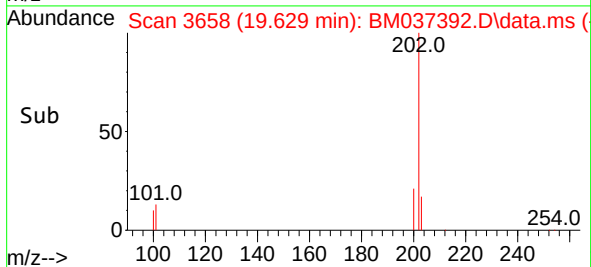
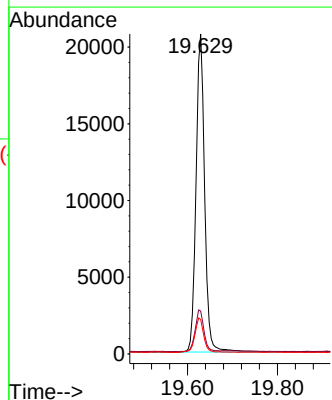
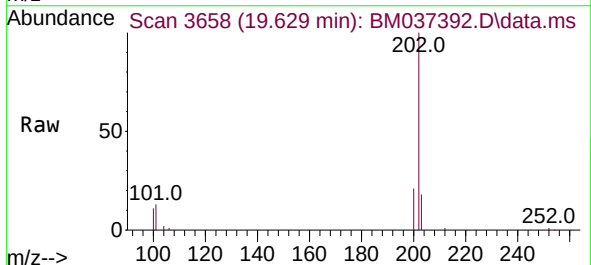
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BNA_M
ClientSampleId :
EW4W5MS

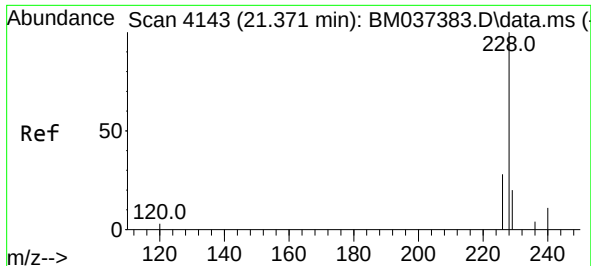
Tgt Ion:202 Resp: 26122
Ion Ratio Lower Upper
202 100
101 11.8 8.7 13.1
100 9.3 6.6 10.0



#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. 0.001 min
Lab File: BM037392.D
Acq: 07 Nov 2022 15:21

Tgt Ion:202 Resp: 27736
Ion Ratio Lower Upper
202 100
101 13.4 11.1 16.7
100 10.7 9.0 13.4

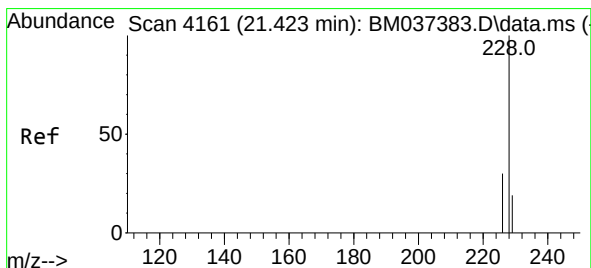
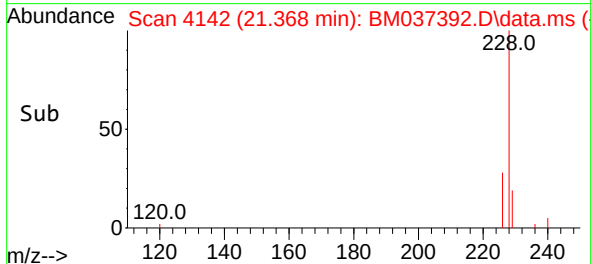
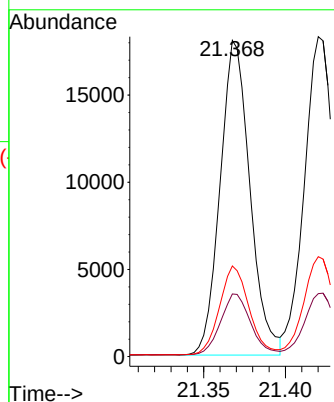
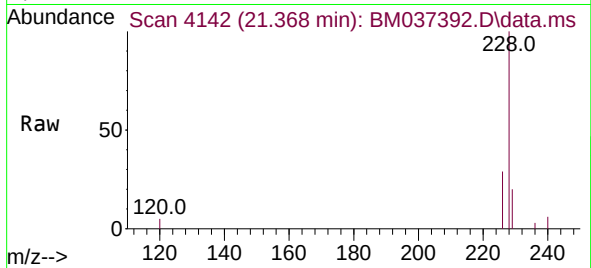




#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.368 min Scan# 4143
Delta R.T. -0.001 min
Lab File: BM037392.D
Acq: 07 Nov 2022 15:21

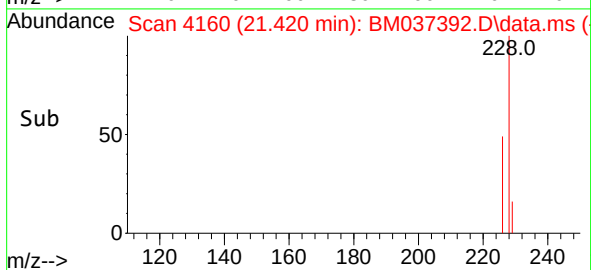
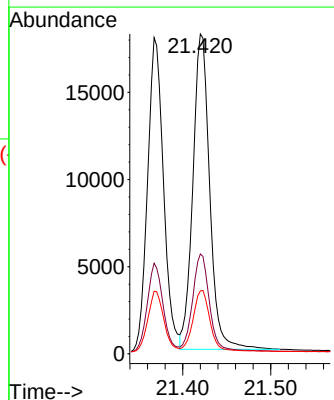
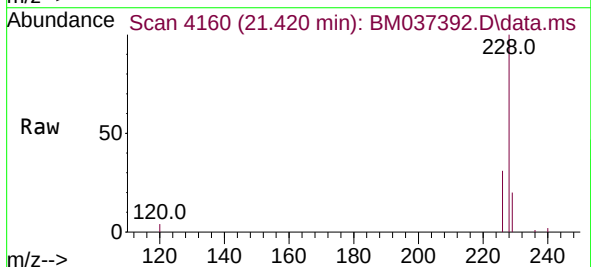
Instrument :
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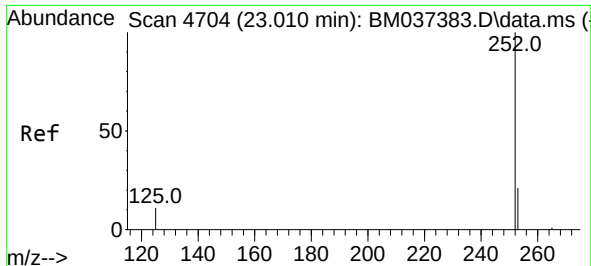
Tgt Ion:228 Resp: 22915
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.7 22.6 33.8



#22
Chrysene
Concen: 0.357 ng/ul
RT: 21.420 min Scan# 4160
Delta R.T. -0.004 min
Lab File: BM037392.D
Acq: 07 Nov 2022 15:21

Tgt Ion:228 Resp: 24037
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 19.7 15.6 23.4

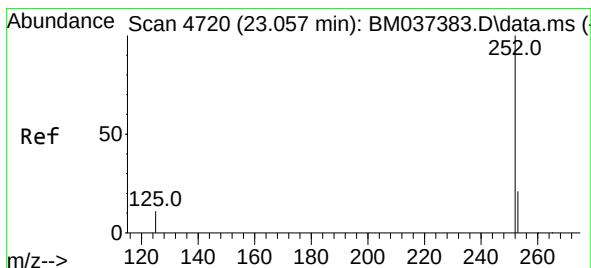
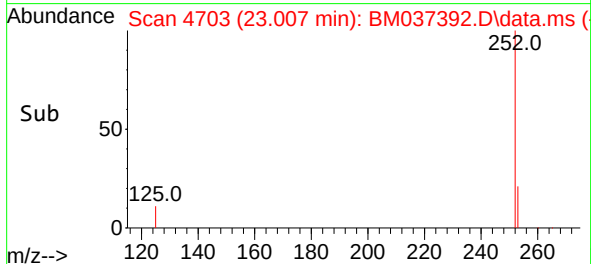
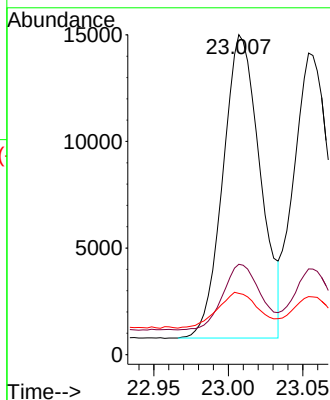
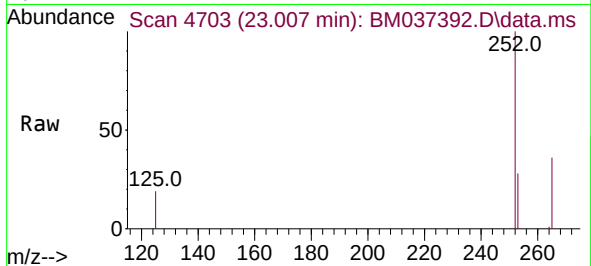




#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 23.007 min Scan# 4719
Delta R.T. -0.004 min
Lab File: BM037392.D
Acq: 07 Nov 2022 15:21

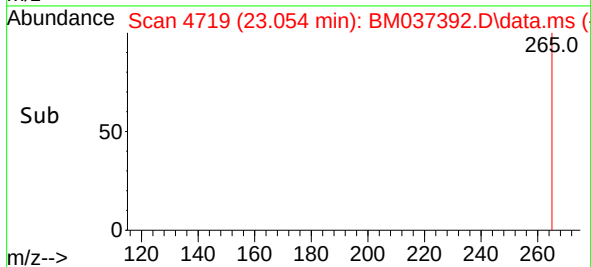
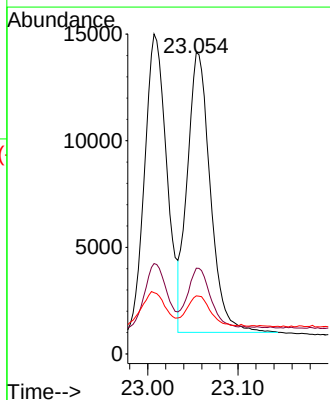
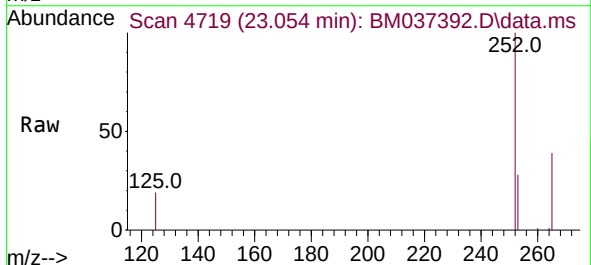
Instrument :
BNA_M
ClientSampleId :
EW4W5MS

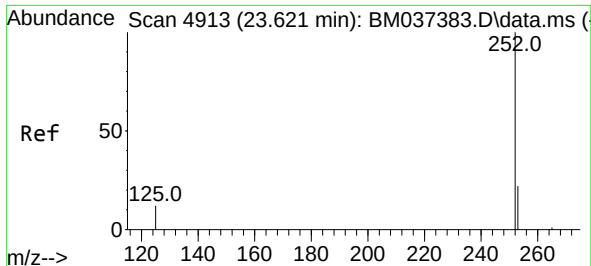
Tgt Ion:252 Resp: 24724
Ion Ratio Lower Upper
252 100
253 28.2 0.0 52.6
125 19.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 23.054 min Scan# 4719
Delta R.T. -0.004 min
Lab File: BM037392.D
Acq: 07 Nov 2022 15:21

Tgt Ion:252 Resp: 23278
Ion Ratio Lower Upper
252 100
253 28.4 21.6 32.4
125 19.3 13.8 20.8

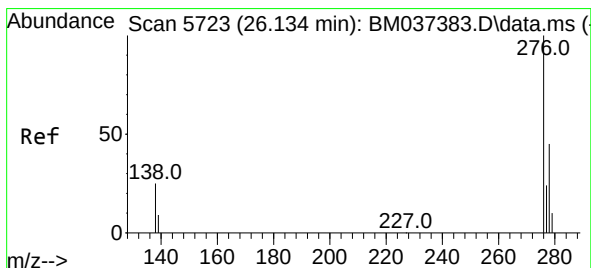
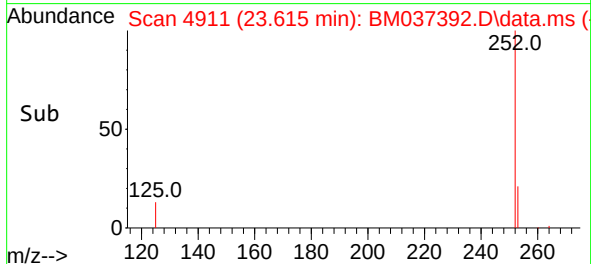
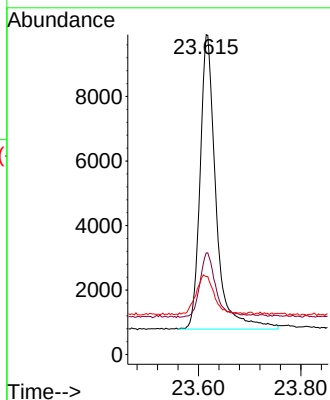
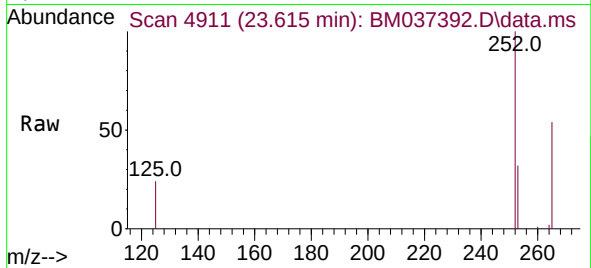




#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.615 min Scan# 4911
Delta R.T. -0.004 min
Lab File: BM037392.D
Acq: 07 Nov 2022 15:21

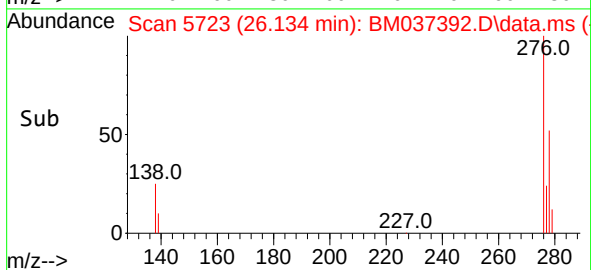
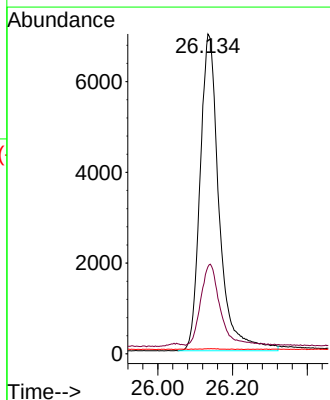
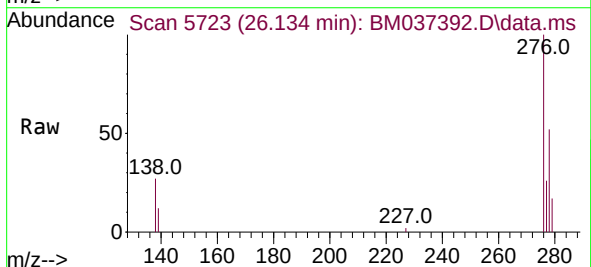
Instrument :
BNA_M
ClientSampleId :
EW4W5MS

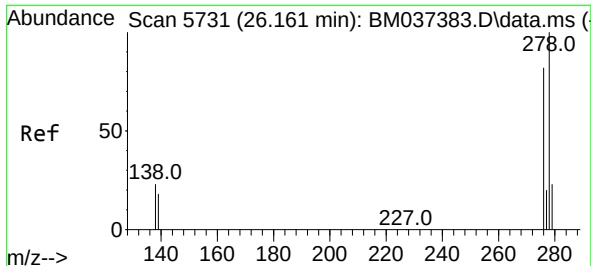
Tgt Ion:	252	Resp:	19639
Ion Ratio	Lower	Upper	
252	100		
253	31.8	23.8	35.6
125	24.4	17.2	25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.330 ng/ul
RT: 26.134 min Scan# 5723
Delta R.T. -0.004 min
Lab File: BM037392.D
Acq: 07 Nov 2022 15:21

Tgt Ion:	276	Resp:	24614
Ion Ratio	Lower	Upper	
276	100		
138	26.6	20.8	31.2
227	0.2	0.1	0.1#

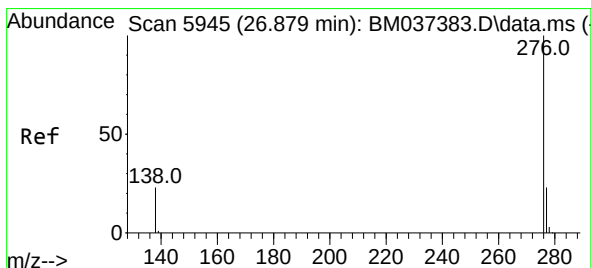
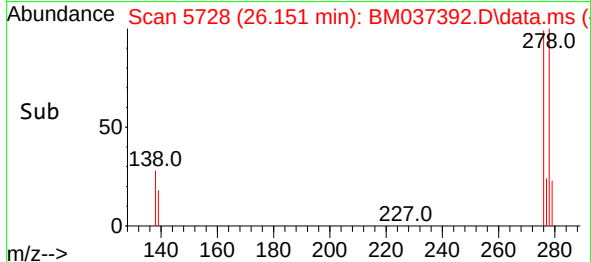
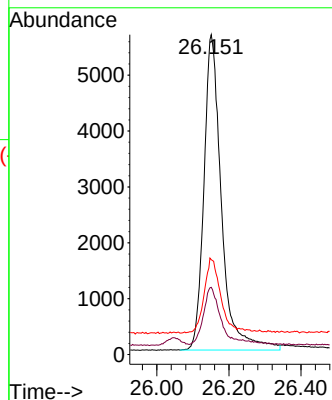
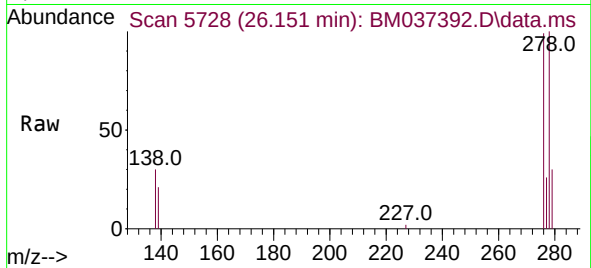




#28
 Dibenzo(a,h)anthracene
 Concen: 0.332 ng/ul
 RT: 26.151 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM037392.D
 Acq: 07 Nov 2022 15:21

Instrument :
 BNA_M
 ClientSampleId :
 EW4W5MS

Tgt Ion:278 Resp: 19103
 Ion Ratio Lower Upper
 278 100
 139 21.0 15.2 22.8
 279 29.7 22.2 33.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.324 ng/ul
 RT: 26.879 min Scan# 5945
 Delta R.T. -0.001 min
 Lab File: BM037392.D
 Acq: 07 Nov 2022 15:21

Tgt Ion:276 Resp: 20928
 Ion Ratio Lower Upper
 276 100
 138 26.1 19.6 29.4
 277 25.3 20.1 30.1

