

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032822\
 Data File : BM034397.D
 Acq On : 28 Mar 2022 19:01
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Quant Time: Mar 29 06:01:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 18:27:40 2022
 Response via : Initial Calibration

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

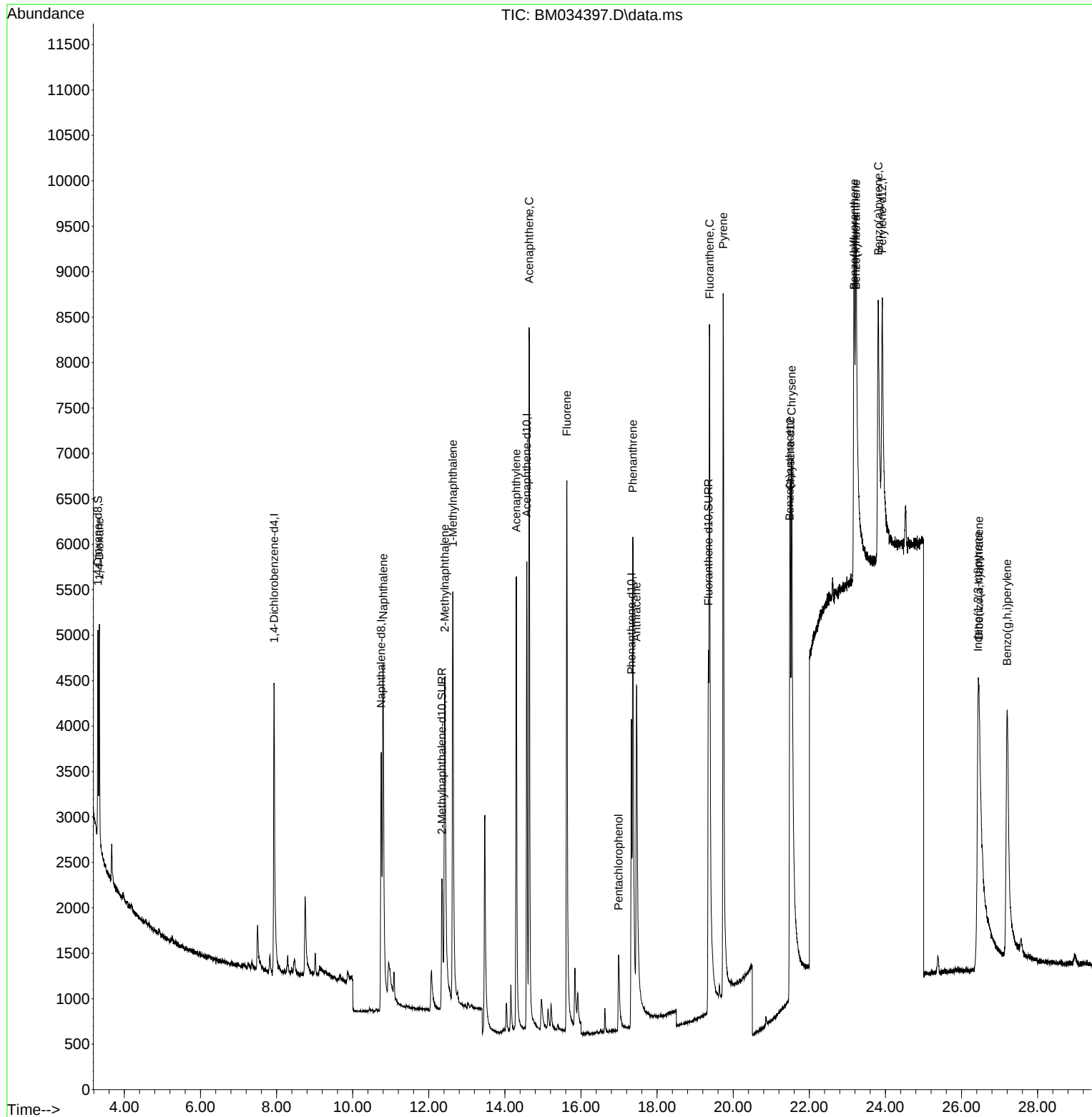
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	2219	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	6115	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.578	164	3316	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	5885	0.400	ng/ul	0.00
17) Chrysene-d12	21.504	240	4823	0.400	ng/ul #	0.00
23) Perylene-d12	23.918	264	5165	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	1325	0.401	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	3553	0.431	ng/ul	0.00
18) Fluoranthene-d10	19.348	212	6784	0.451	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	1772	0.486	ng/ul#	81
5) Naphthalene	10.801	128	7606	0.430	ng/ul#	91
7) 2-Methylnaphthalene	12.423	142	4778	0.441	ng/ul	98
8) 1-Methylnaphthalene	12.632	142	4427	0.409	ng/ul	100
10) Acenaphthylene	14.301	152	7375	0.462	ng/ul#	92
11) Acenaphthene	14.638	153	5265	0.433	ng/ul	96
12) Fluorene	15.628	166	5543	0.427	ng/ul	99
14) Pentachlorophenol	16.991	266	988	0.417	ng/ul	99
15) Phenanthrene	17.362	178	7790	0.414	ng/ul	98
16) Anthracene	17.459	178	6796	0.412	ng/ul	96
19) Fluoranthene	19.380	202	9093	0.418	ng/ul	99
20) Pyrene	19.738	202	10422	0.434	ng/ul#	95
21) Benzo(a)anthracene	21.486	228	5790	0.384	ng/ul	97
22) Chrysene	21.536	228	7294	0.423	ng/ul	98
24) Benzo(b)fluoranthene	23.178	252	7361	0.412	ng/ul#	75
25) Benzo(k)fluoranthene	23.228	252	6915	0.400	ng/ul#	78
26) Benzo(a)pyrene	23.813	252	8466	0.457	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.434	276	10024	0.415	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.458	278	7468	0.413	ng/ul#	71
29) Benzo(g,h,i)perylene	27.199	276	9944	0.427	ng/ul#	91

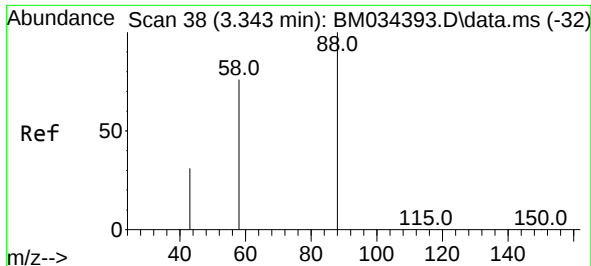
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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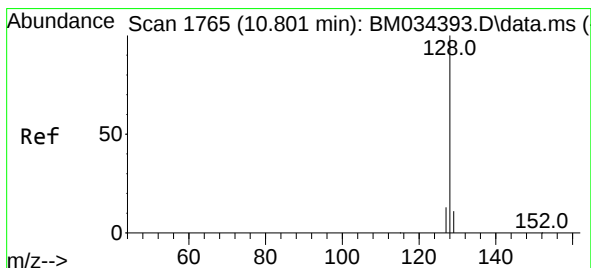
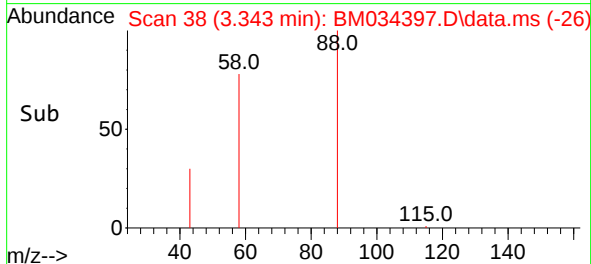
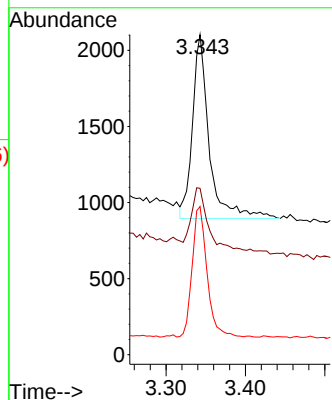
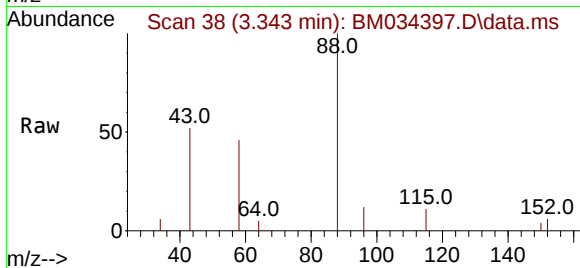




#2
1,4-Dioxane
Concen: 0.486 ng/ul
RT: 3.343 min Scan# 38
Delta R.T. 0.000 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

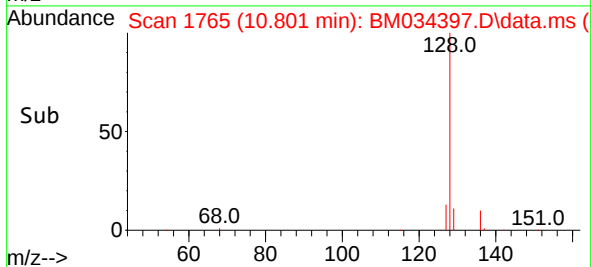
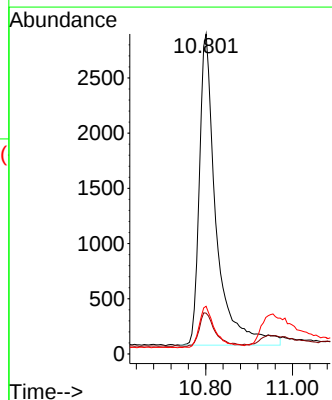
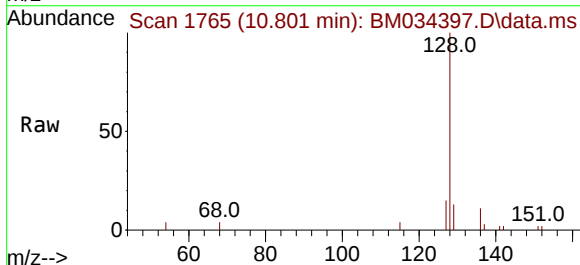
Instrument :
BNA_M
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SICV014

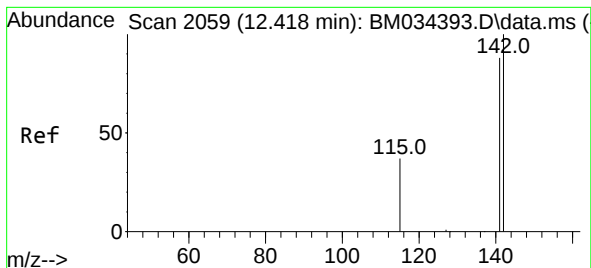
Tgt Ion: 88 Resp: 1772
Ion Ratio Lower Upper
88 100
43 52.0 49.7 74.5
58 46.3 52.5 78.7#



#5
Naphthalene
Concen: 0.430 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

Tgt Ion: 128 Resp: 7606
Ion Ratio Lower Upper
128 100
129 12.7 13.4 20.2#
127 14.9 15.2 22.8#

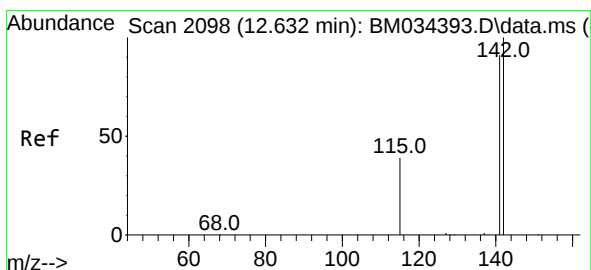
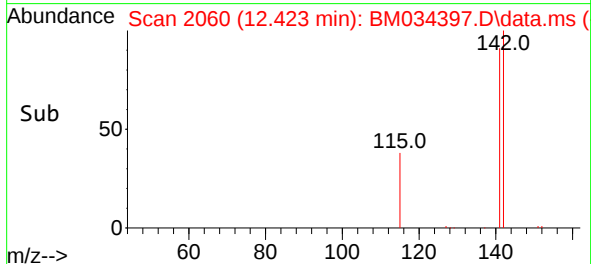
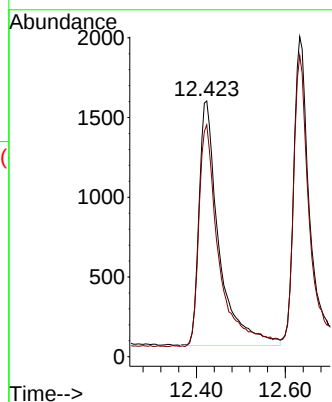
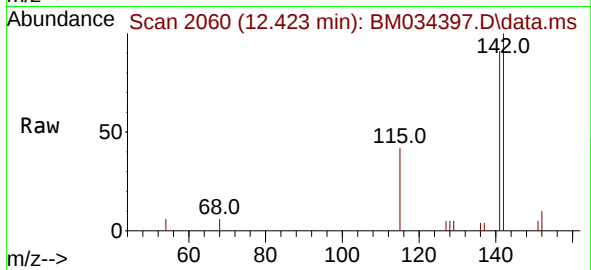




#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.423 min Scan# 2060
Delta R.T. 0.005 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

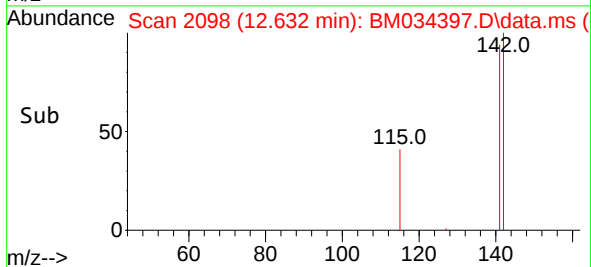
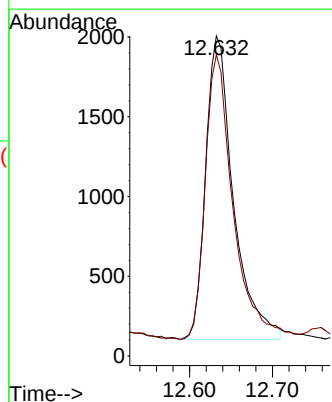
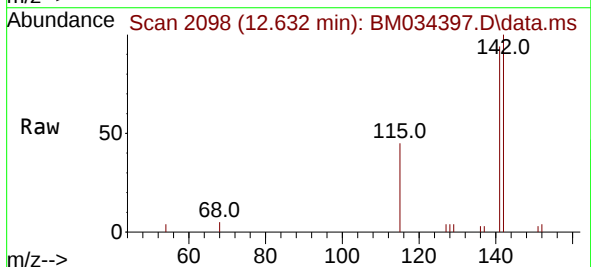
Instrument :
BNA_M
ClientSampleId :
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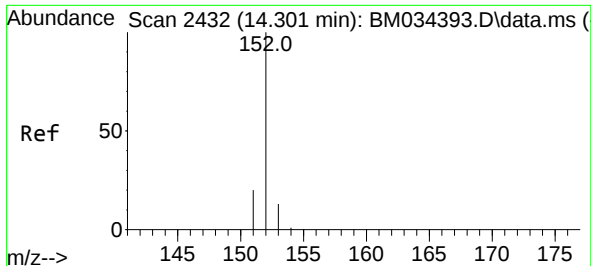
Tgt Ion:142 Resp: 4778
Ion Ratio Lower Upper
142 100
141 91.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

Tgt Ion:142 Resp: 4427
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4

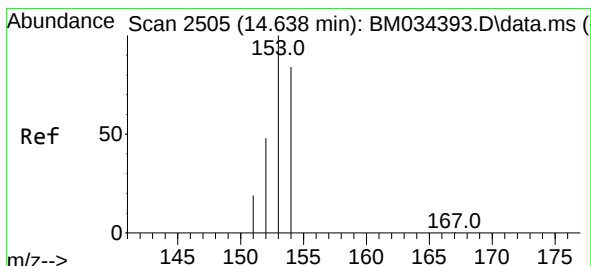
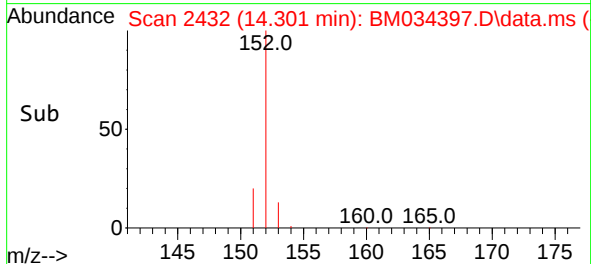
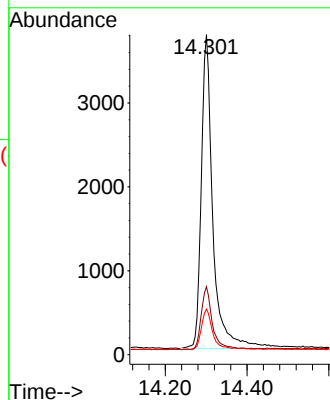
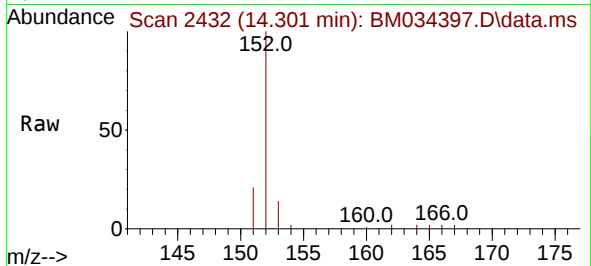




#10
Acenaphthylene
Concen: 0.462 ng/ul
RT: 14.301 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

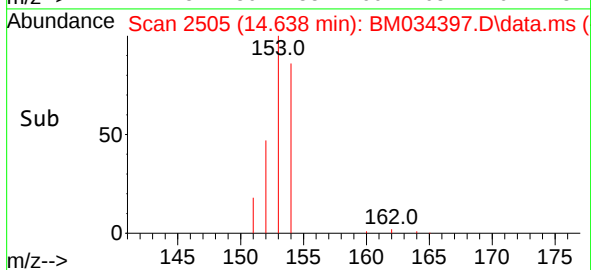
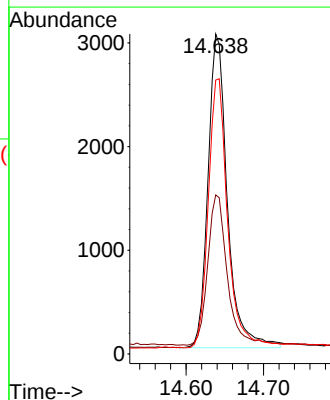
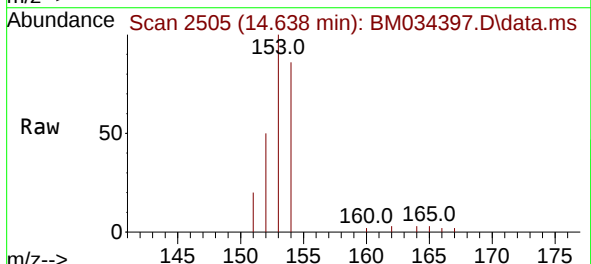
Instrument :
BNA_M
ClientSampleId :
SICV014

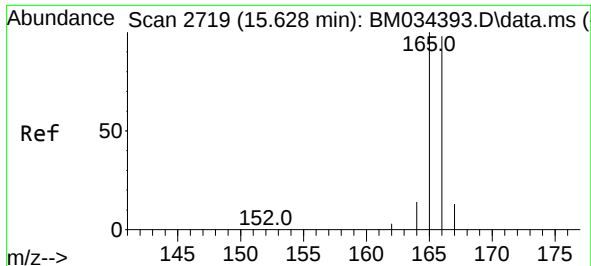
Tgt Ion:	152	Resp:	7375
Ion Ratio	Lower	Upper	
152	100		
151	21.3	19.9	29.9
153	14.3	15.0	22.4



#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

Tgt Ion:	153	Resp:	5265
Ion Ratio	Lower	Upper	
153	100		
152	49.7	42.4	63.6
154	85.6	66.2	99.2

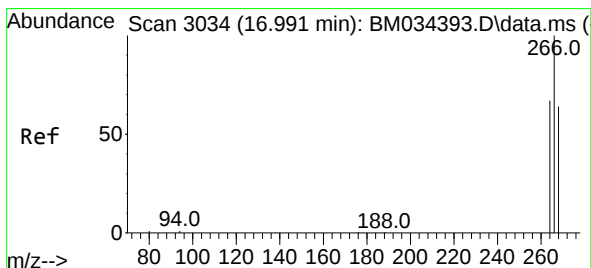
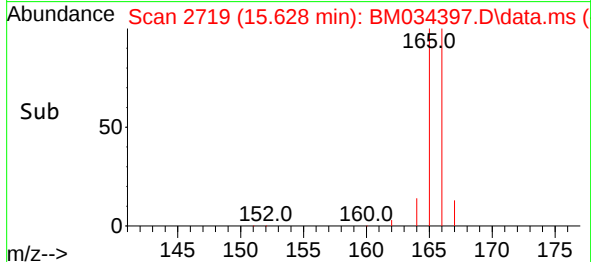
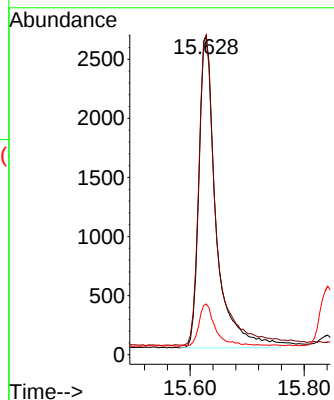
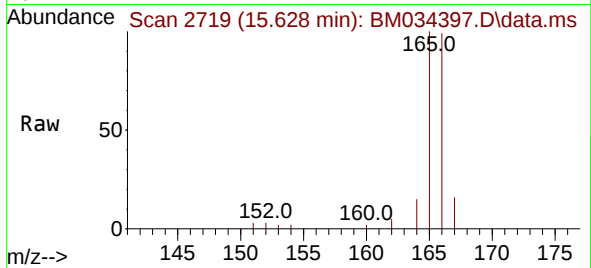




#12
Fluorene
Concen: 0.427 ng/ul
RT: 15.628 min Scan# 2719
Delta R.T. -0.000 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

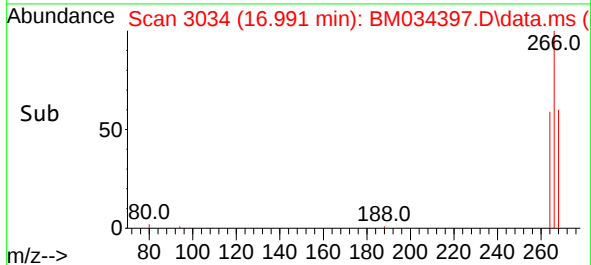
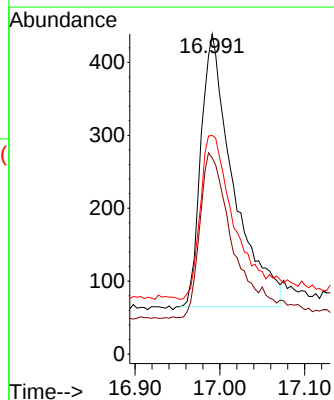
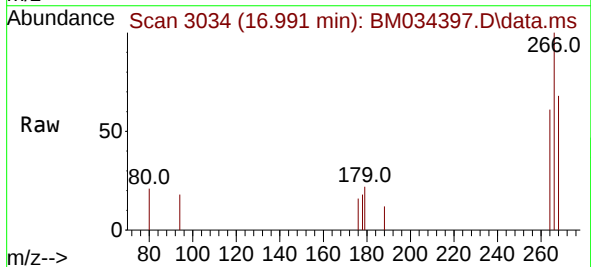
Instrument :
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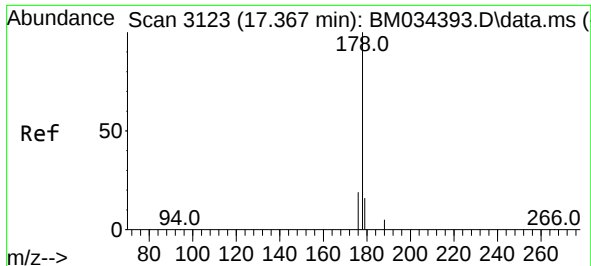
Tgt Ion:	166	Resp:	5543
Ion Ratio	Lower	Upper	
166	100		
165	100.8	81.1	121.7
167	16.0	14.9	22.3



#14
Pentachlorophenol
Concen: 0.417 ng/ul
RT: 16.991 min Scan# 3034
Delta R.T. -0.000 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

Tgt Ion:	266	Resp:	988
Ion Ratio	Lower	Upper	
266	100		
264	63.1	51.4	77.0
268	65.6	53.1	79.7

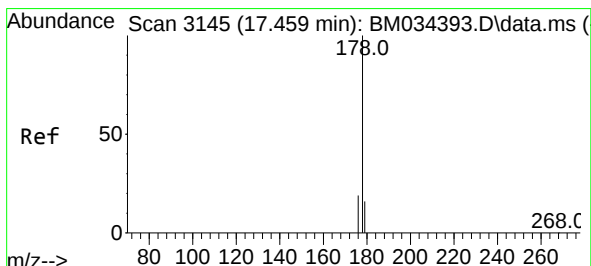
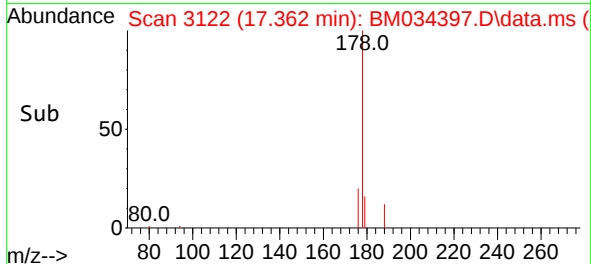
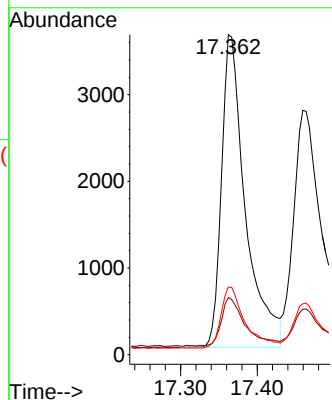
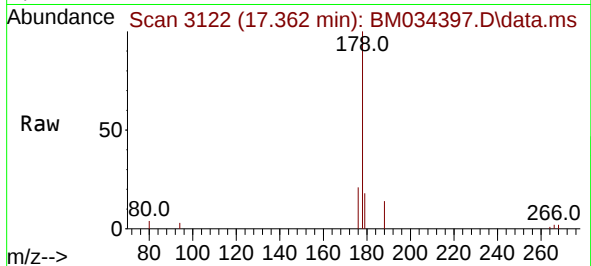




#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 17.362 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

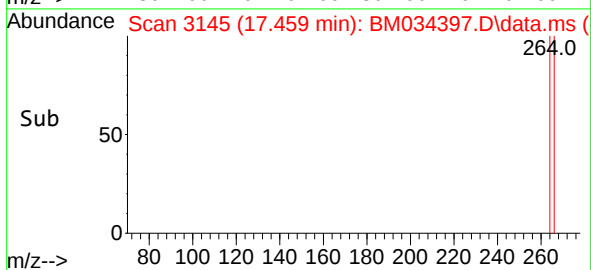
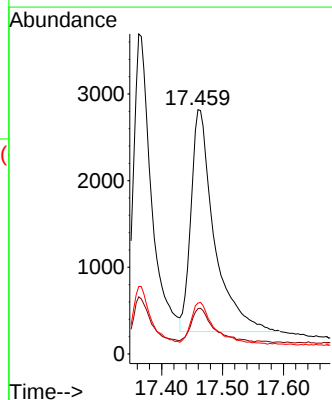
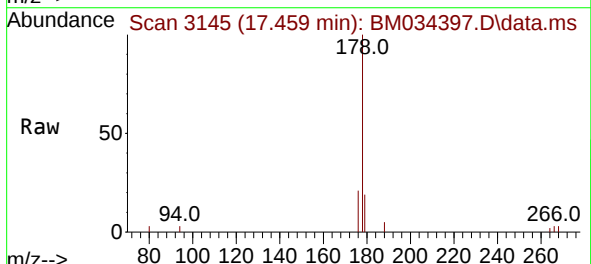
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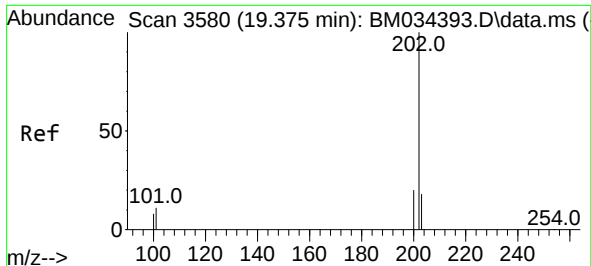
Tgt Ion:178 Resp: 7790
Ion Ratio Lower Upper
178 100
179 17.8 15.0 22.6
176 21.1 17.9 26.9



#16
Anthracene
Concen: 0.412 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. -0.000 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

Tgt Ion:178 Resp: 6796
Ion Ratio Lower Upper
178 100
179 18.5 16.5 24.7
176 20.8 18.3 27.5

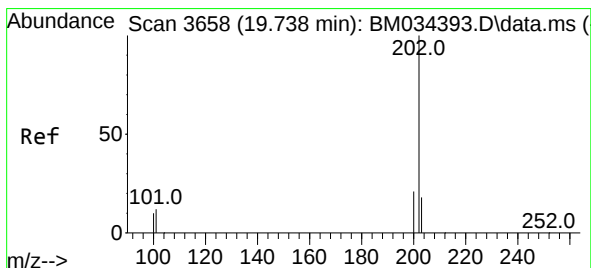
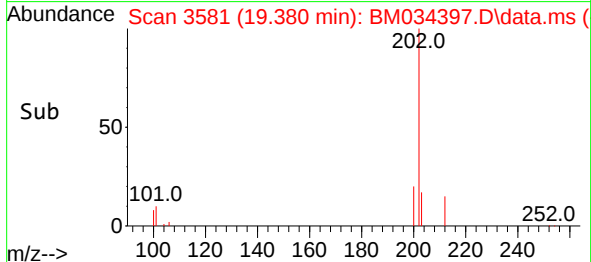
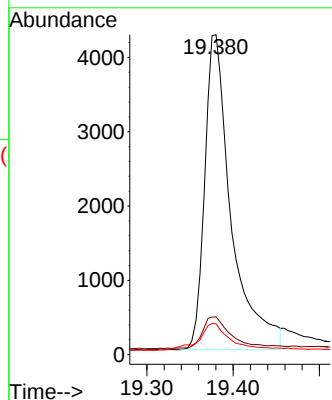
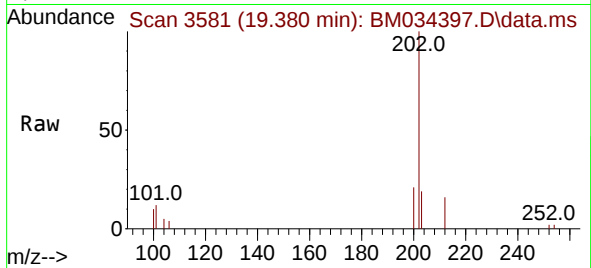




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.380 min Scan# 3580
Delta R.T. 0.005 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

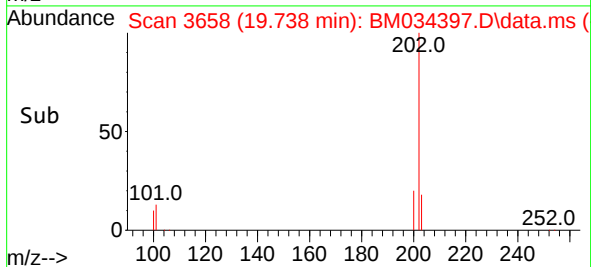
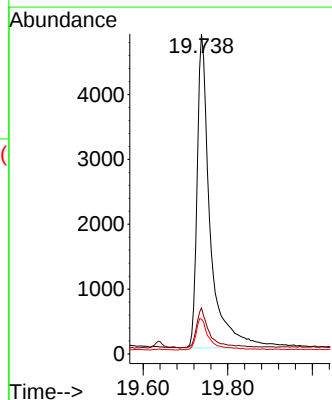
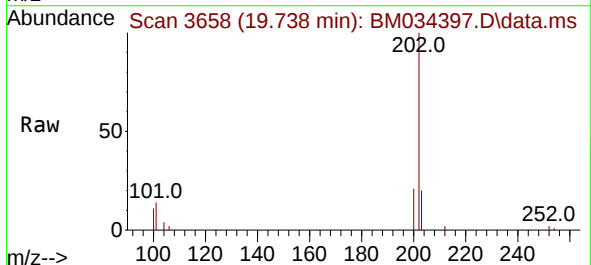
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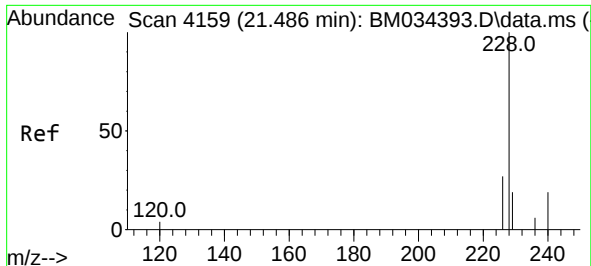
Tgt Ion:202 Resp: 9093
Ion Ratio Lower Upper
202 100
101 11.8 9.2 13.8
100 9.7 7.2 10.8



#20
Pyrene
Concen: 0.434 ng/ul
RT: 19.738 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

Tgt Ion:202 Resp: 10422
Ion Ratio Lower Upper
202 100
101 14.4 9.3 13.9#
100 10.9 7.8 11.6

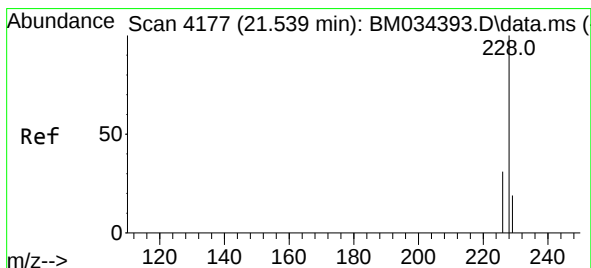
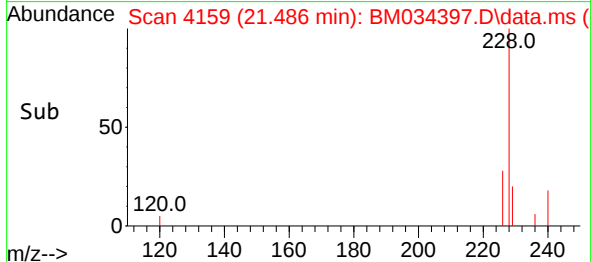
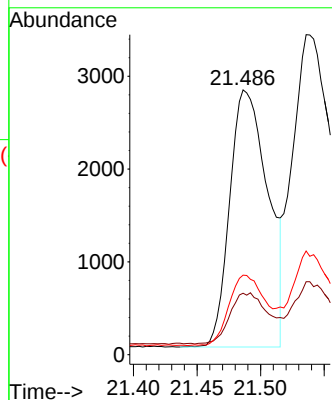
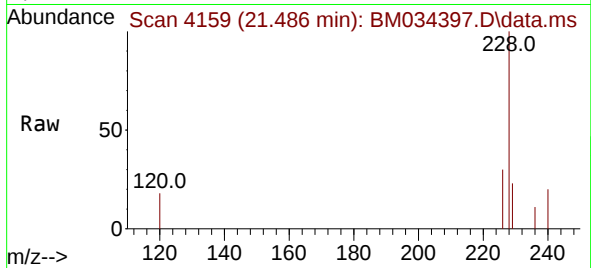




#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.000 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

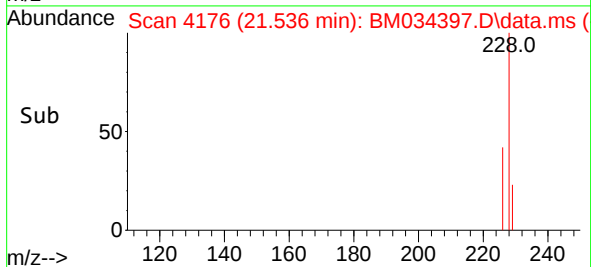
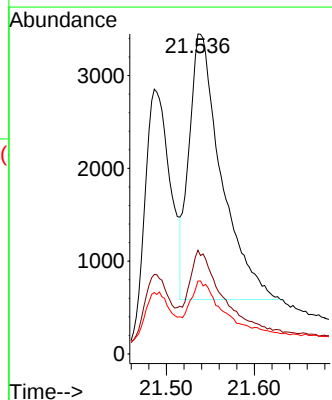
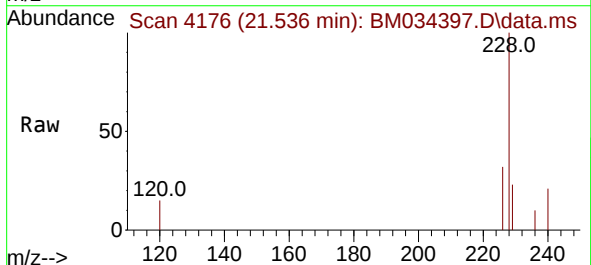
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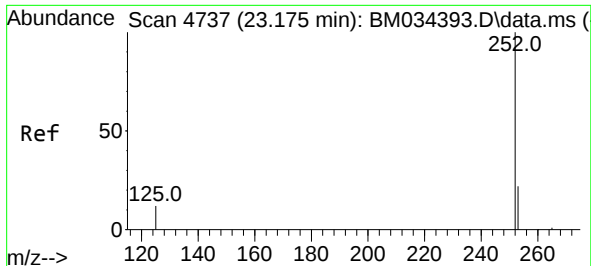
Tgt Ion:228 Resp: 5790
Ion Ratio Lower Upper
228 100
229 23.2 17.3 25.9
226 30.0 23.2 34.8



#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

Tgt Ion:228 Resp: 7294
Ion Ratio Lower Upper
228 100
226 32.4 25.8 38.8
229 22.8 16.7 25.1

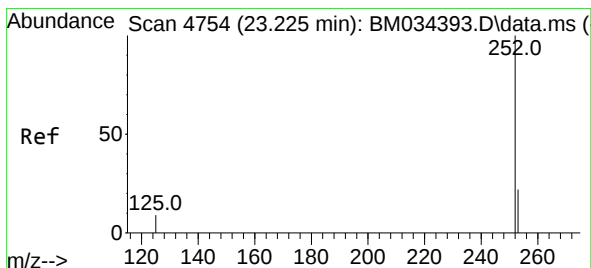
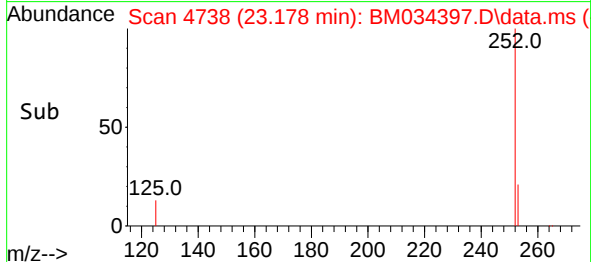
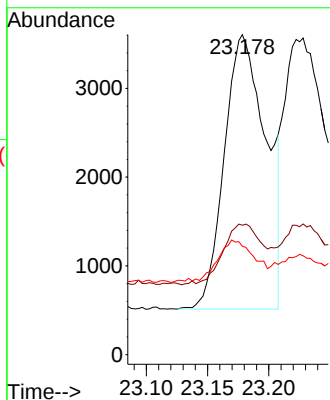
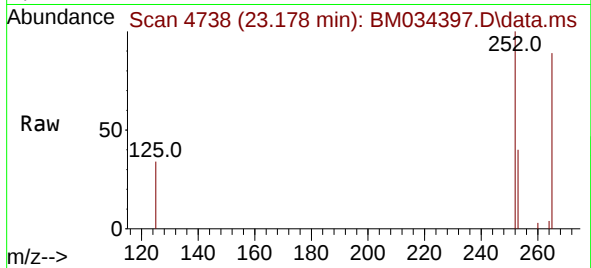




#24
Benzo(b)fluoranthene
Concen: 0.412 ng/ul
RT: 23.178 min Scan# 4737
Delta R.T. 0.003 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

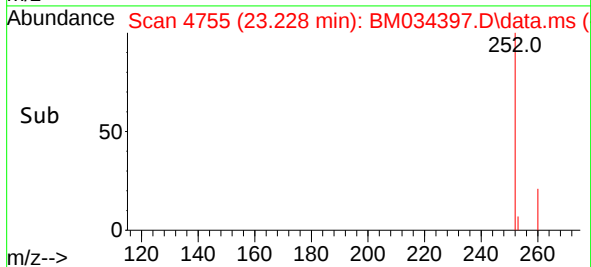
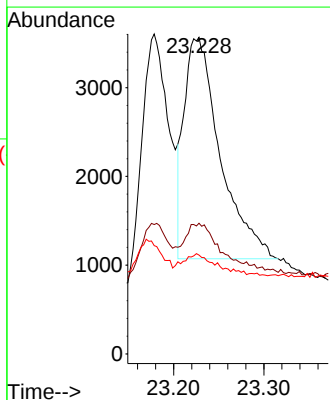
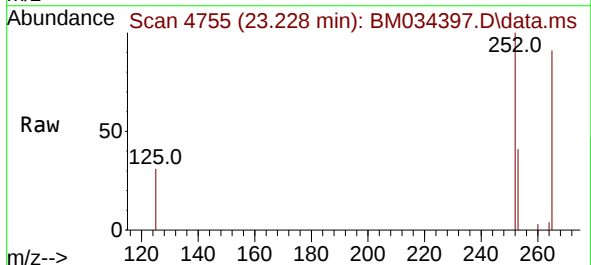
Instrument :
BNA_M
ClientSampleId :
SICV014

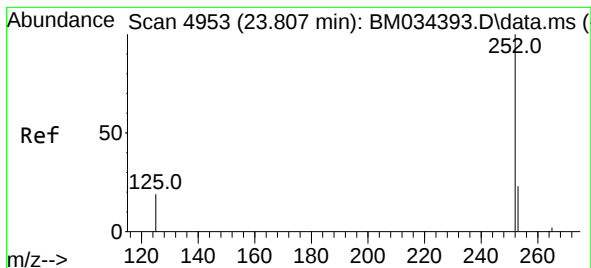
Tgt Ion:252 Resp: 7361
Ion Ratio Lower Upper
252 100
253 40.5 0.0 64.2
125 33.9 0.0 28.8#



#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 23.228 min Scan# 4755
Delta R.T. 0.003 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

Tgt Ion:252 Resp: 6915
Ion Ratio Lower Upper
252 100
253 41.3 26.8 40.2#
125 31.3 12.0 18.0#





#26

Benzo(a)pyrene

Concen: 0.457 ng/ul

RT: 23.813 min Scan# 4953

Delta R.T. 0.006 min

Lab File: BM034397.D

Acq: 28 Mar 2022 19:01

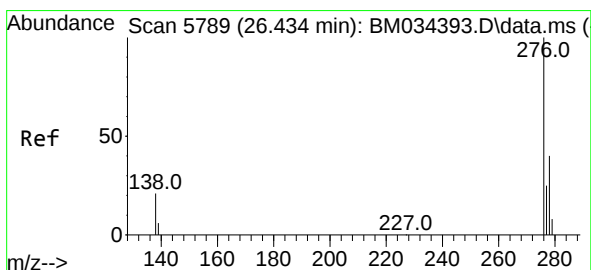
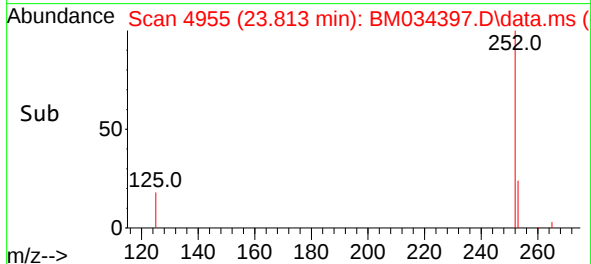
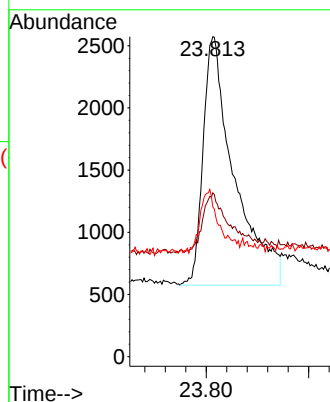
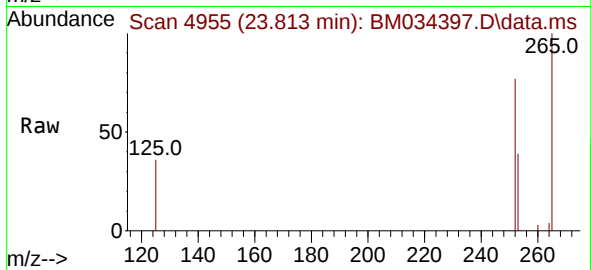
Instrument :

BNA_M

ClientSampleId :

SICV014

Tgt Ion:252	Resp:	8466
Ion Ratio	Lower	Upper
252	100	
253	51.2	32.0 48.0#
125	46.8	14.5 21.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.415 ng/ul

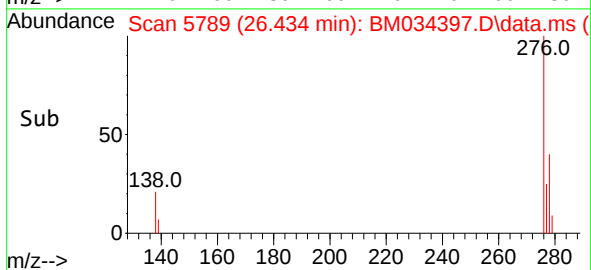
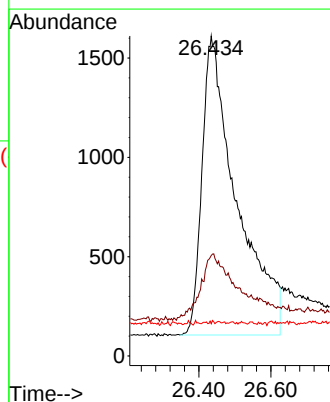
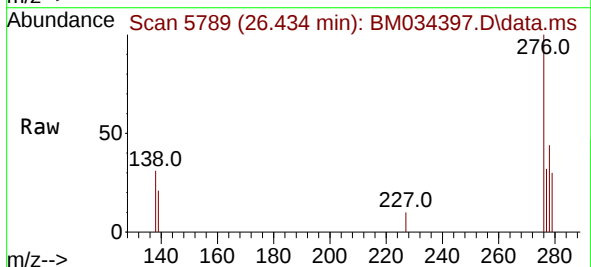
RT: 26.434 min Scan# 5789

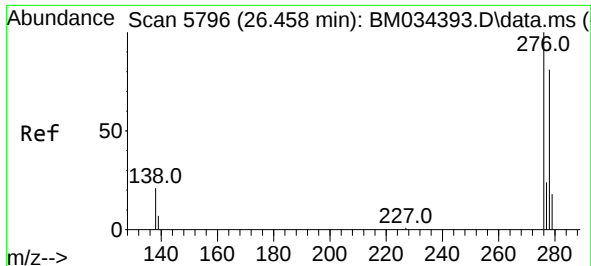
Delta R.T. 0.000 min

Lab File: BM034397.D

Acq: 28 Mar 2022 19:01

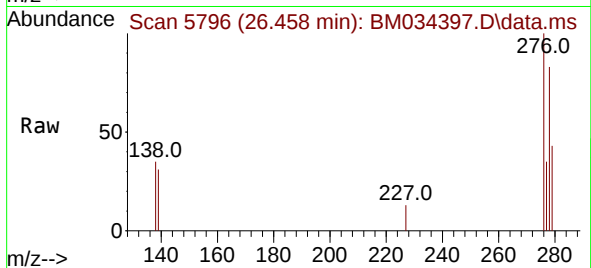
Tgt Ion:276	Resp:	10024
Ion Ratio	Lower	Upper
276	100	
138	25.1	15.8 23.6#
227	0.1	0.0 0.0#



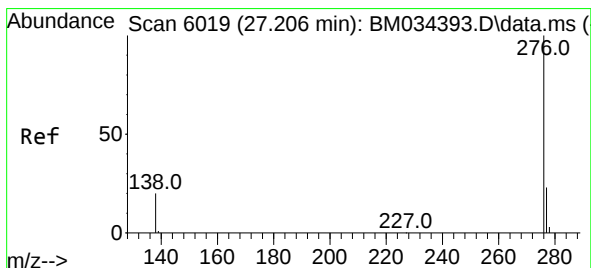
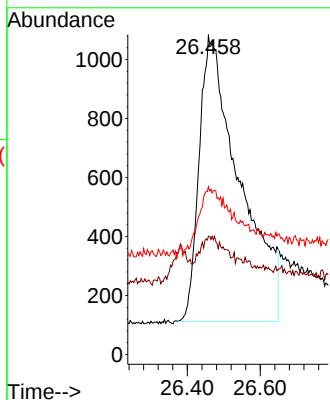
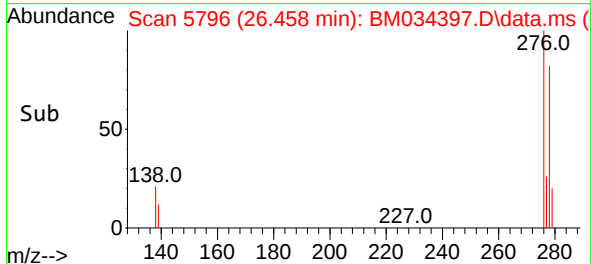


#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 26.458 min Scan# 5796
Delta R.T. -0.000 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

Instrument :
BNA_M
ClientSampleId :
SICV014



Tgt Ion:278 Resp: 7468
Ion Ratio Lower Upper
278 100
139 37.0 18.0 27.0#
279 52.5 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 27.199 min Scan# 6017
Delta R.T. -0.007 min
Lab File: BM034397.D
Acq: 28 Mar 2022 19:01

Tgt Ion:276 Resp: 9944
Ion Ratio Lower Upper
276 100
138 29.4 17.4 26.0#
277 30.3 22.6 33.8

