

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037171.D
 Acq On : 21 Oct 2022 13:24
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4157

Quant Time: Oct 22 02:32:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

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

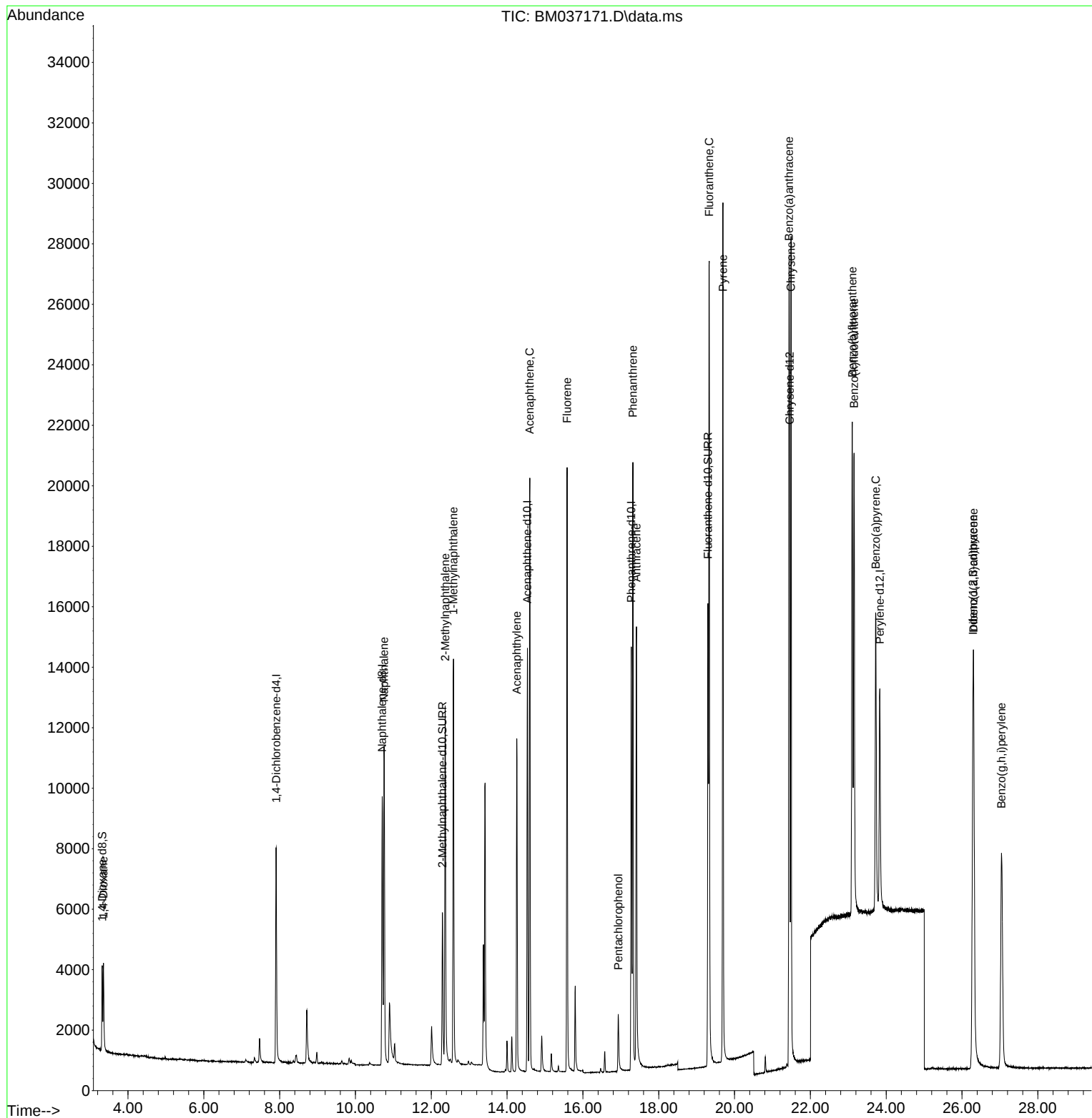
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	4193	0.400	ng/ul	0.00
4) Naphthalene-d8	10.705	136	12782	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.533	164	7502	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.275	188	16603	0.400	ng/ul	0.00
17) Chrysene-d12	21.453	240	13614	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	10530	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1961	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	7501	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.299	212	17256	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	2000	0.377	ng/ul	92
5) Naphthalene	10.754	128	14933	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.365	142	9391	0.414	ng/ul	98
8) 1-Methylnaphthalene	12.585	142	9589	0.414	ng/ul	100
10) Acenaphthylene	14.256	152	13158	0.408	ng/ul	99
11) Acenaphthene	14.598	153	11318	0.389	ng/ul	98
12) Fluorene	15.584	166	13100	0.385	ng/ul	99
14) Pentachlorophenol	16.933	266	1631	0.406	ng/ul	98
15) Phenanthrene	17.318	178	21608	0.386	ng/ul	99
16) Anthracene	17.410	178	17974	0.405	ng/ul	99
19) Fluoranthene	19.331	202	24439	0.413	ng/ul	98
20) Pyrene	19.694	202	25053	0.418	ng/ul	100
21) Benzo(a)anthracene	21.436	228	21370	0.404	ng/ul	99
22) Chrysene	21.488	228	23376	0.385	ng/ul	99
24) Benzo(b)fluoranthene	23.104	252	21951	0.394	ng/ul	99
25) Benzo(k)fluoranthene	23.151	252	21018	0.390	ng/ul	99
26) Benzo(a)pyrene	23.724	252	16846	0.376	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.289	276	19665	0.314	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.306	278	15671	0.317	ng/ul	98
29) Benzo(g,h,i)perylene	27.041	276	16963	0.308	ng/ul	100

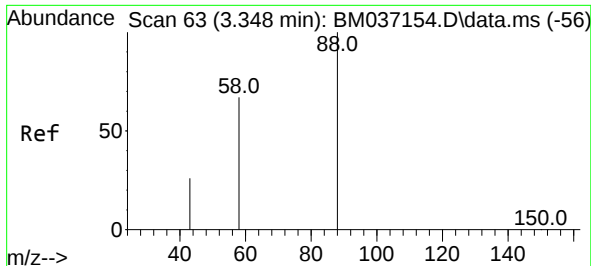
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 22 02:32:10 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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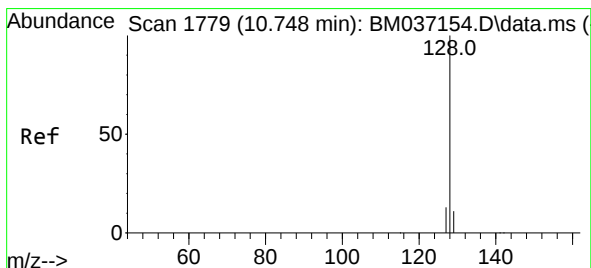
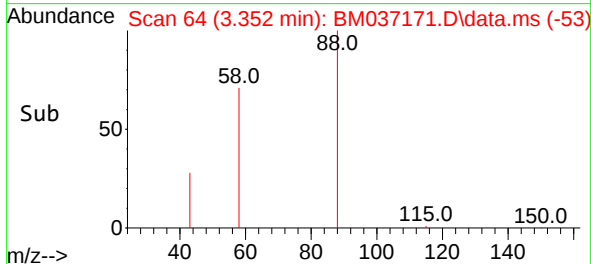
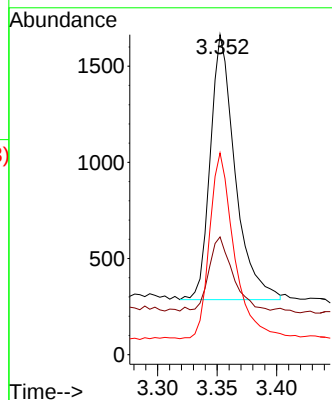
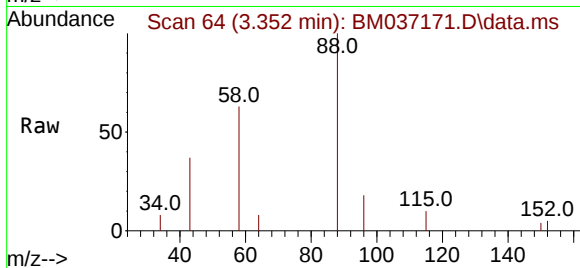




#2
1,4-Dioxane
Concen: 0.377 ng/ul
RT: 3.352 min Scan# 64
Delta R.T. -0.004 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

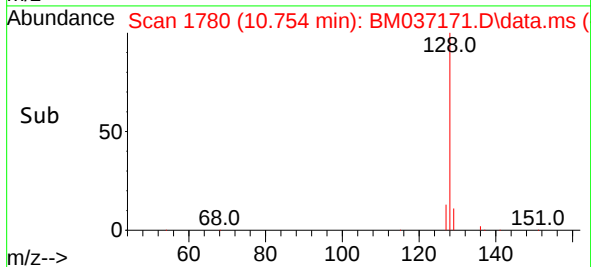
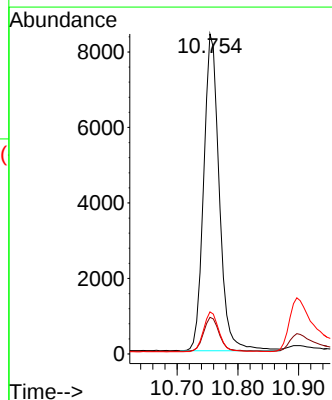
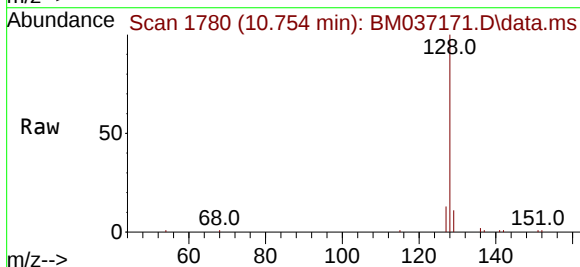
Instrument :
BNA_N
ClientSampleId :
SSTD0.4157

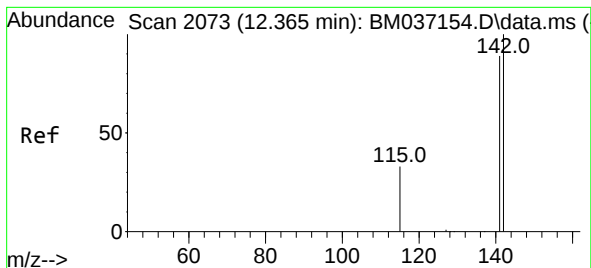
Tgt Ion: 88 Resp: 2000
Ion Ratio Lower Upper
88 100
43 36.8 25.5 38.3
58 63.0 45.8 68.6



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.754 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

Tgt Ion: 128 Resp: 14933
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.2 10.5 15.7

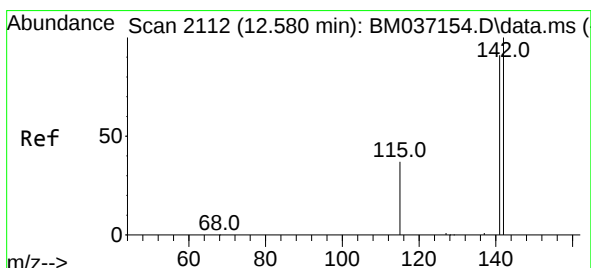
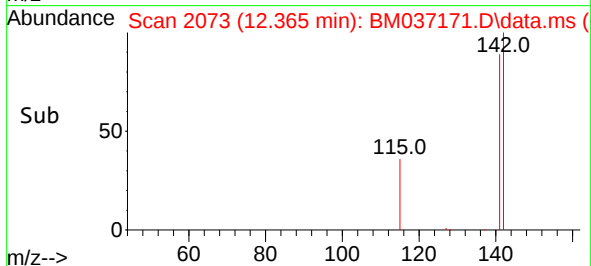
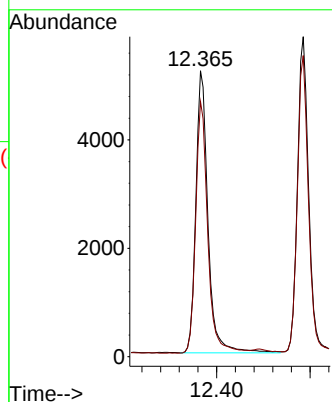
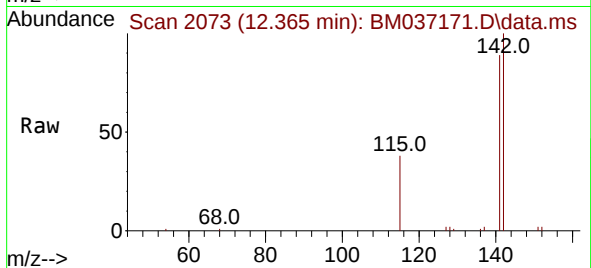




#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

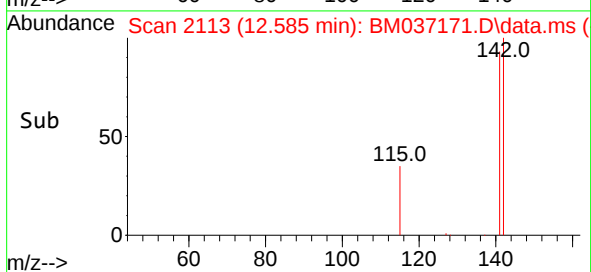
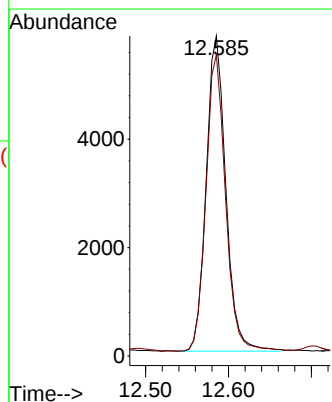
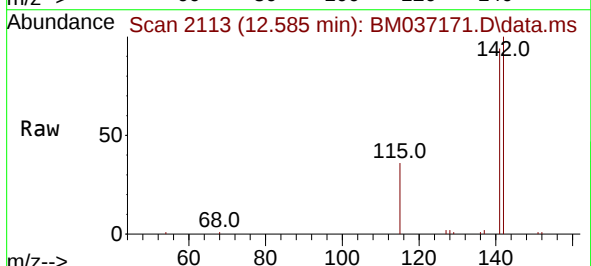
Instrument :
BNA_N
ClientSampleId :
SSTD0.4157

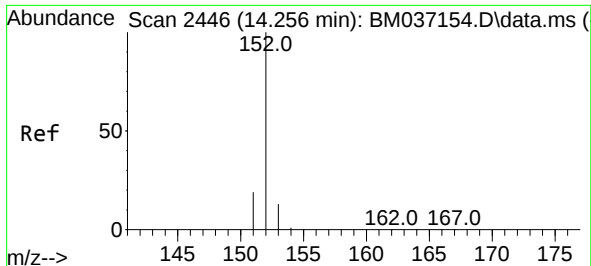
Tgt Ion:142 Resp: 9391
Ion Ratio Lower Upper
142 100
141 88.8 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

Tgt Ion:142 Resp: 9589
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4

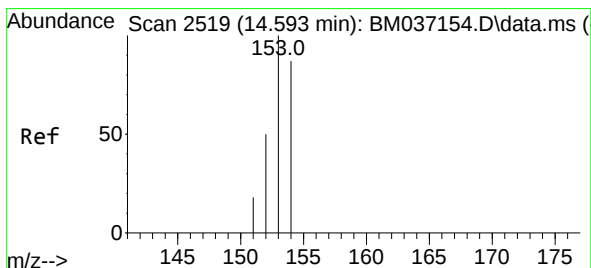
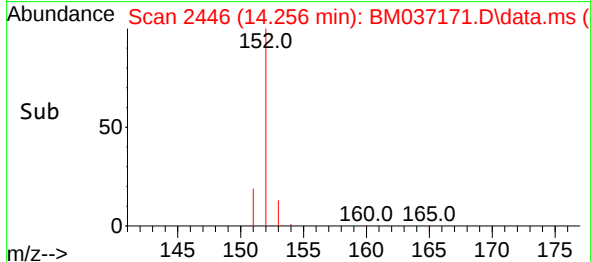
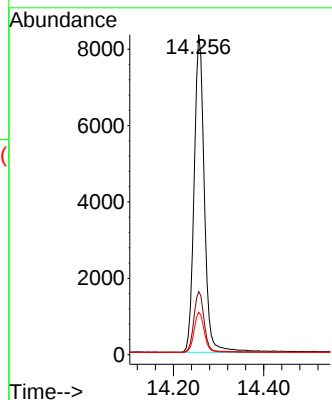
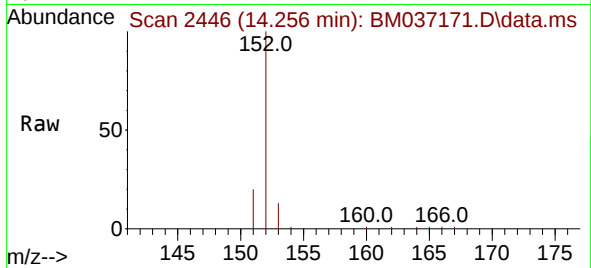




#10
Acenaphthylene
Concen: 0.408 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

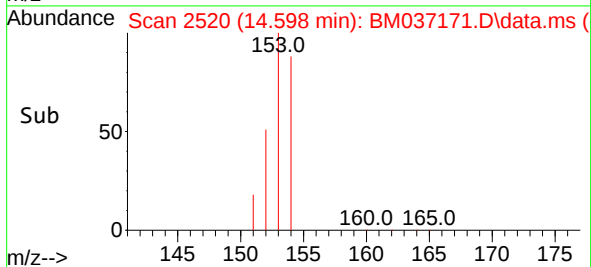
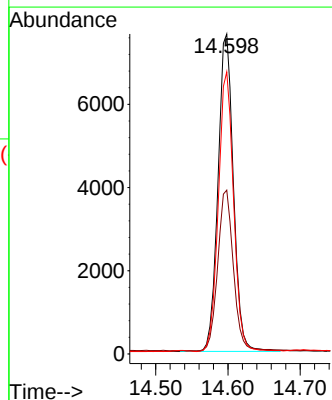
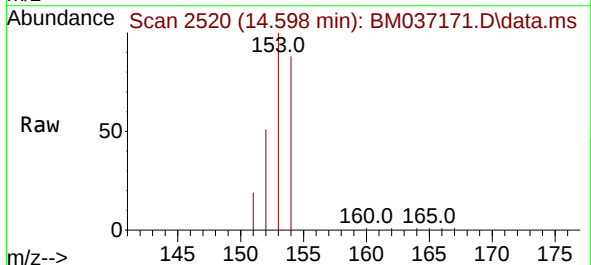
Instrument :
BNA_N
ClientSampleId :
SSTD0.4157

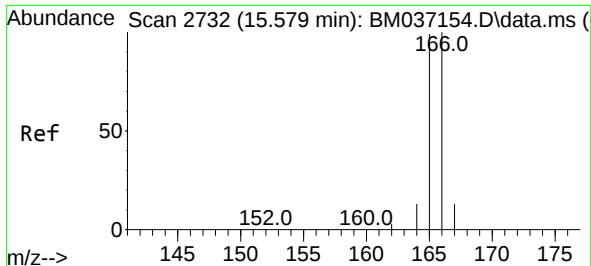
Tgt Ion:152 Resp: 13158
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 10.8 16.2



#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.598 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

Tgt Ion:153 Resp: 11318
Ion Ratio Lower Upper
153 100
152 51.2 43.3 64.9
154 88.2 70.0 105.0

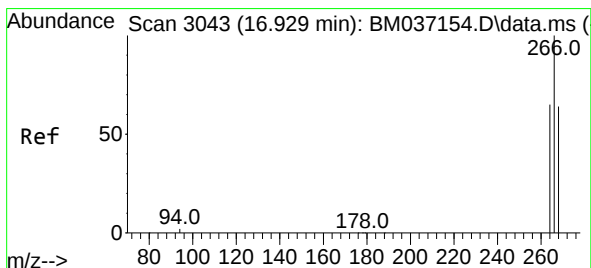
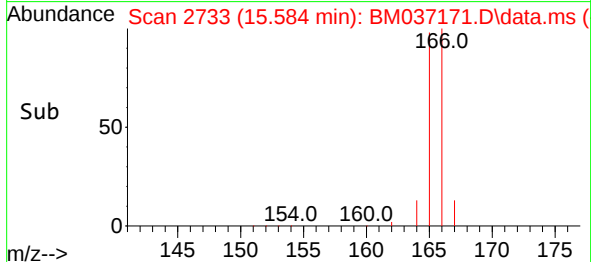
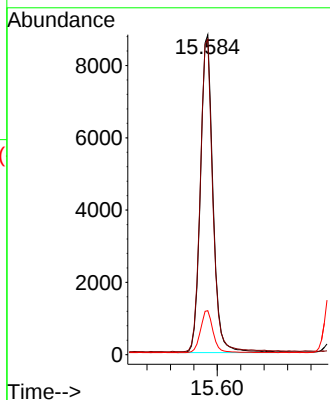
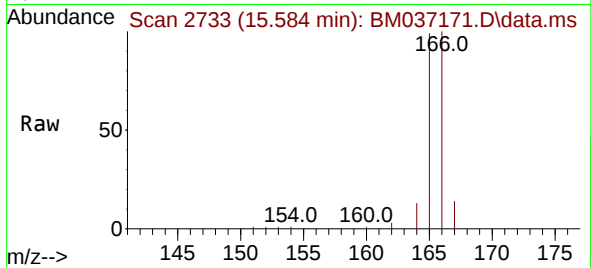




#12
Fluorene
Concen: 0.385 ng/ul
RT: 15.584 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

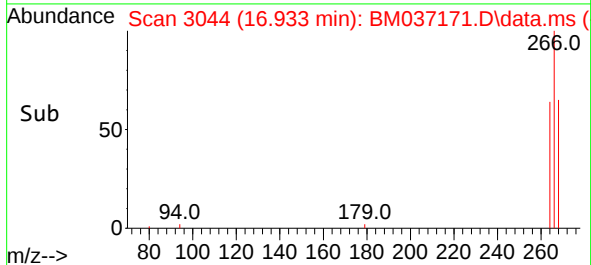
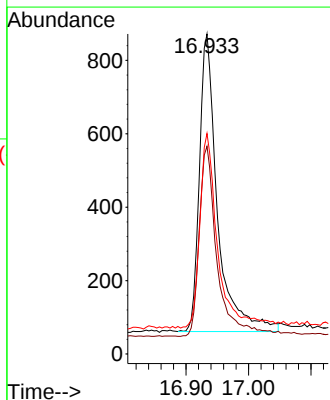
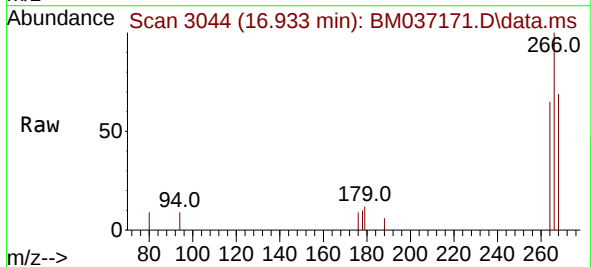
Instrument :
BNA_N
ClientSampleId :
SSTD0.4157

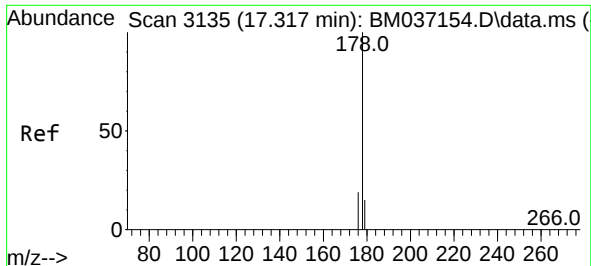
Tgt Ion:166 Resp: 13100
Ion Ratio Lower Upper
166 100
165 98.6 79.4 119.2
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.406 ng/ul
RT: 16.933 min Scan# 3044
Delta R.T. -0.004 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

Tgt Ion:266 Resp: 1631
Ion Ratio Lower Upper
266 100
264 63.2 49.4 74.0
268 65.0 50.5 75.7

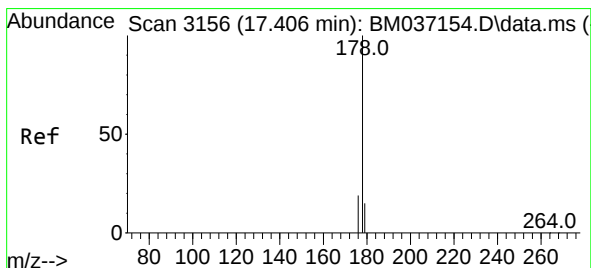
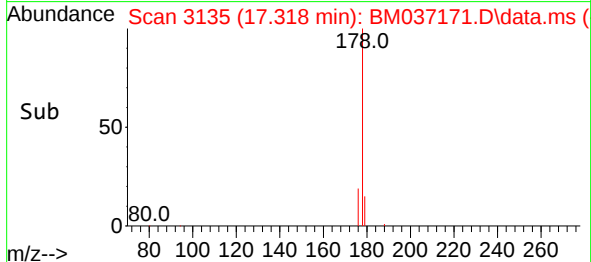
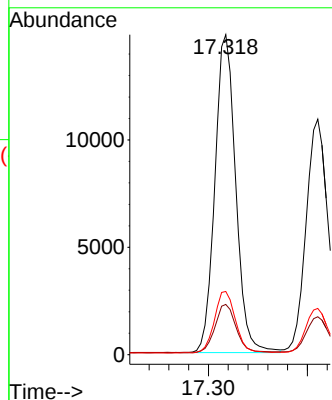
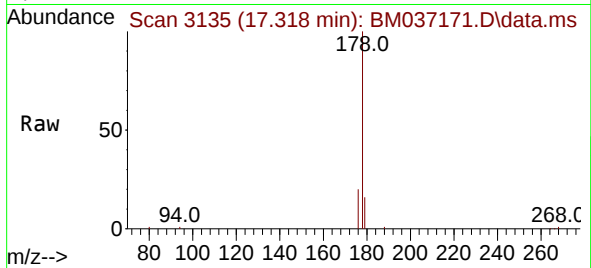




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.318 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

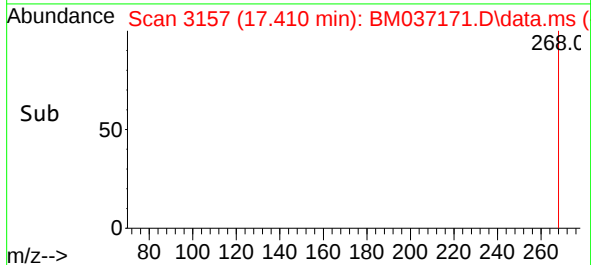
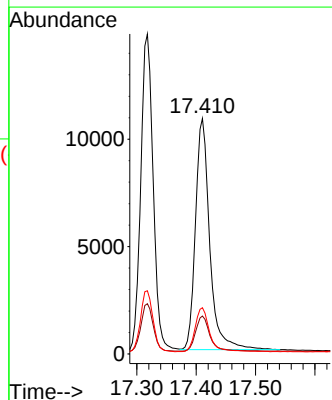
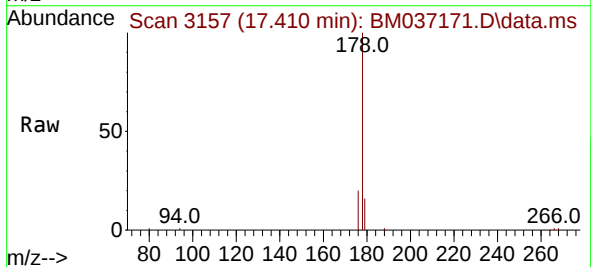
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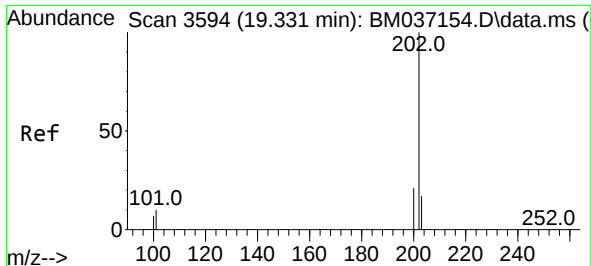
Tgt Ion:178 Resp: 21608
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.8 16.1 24.1



#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.410 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

Tgt Ion:178 Resp: 17974
Ion Ratio Lower Upper
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179 16.1 13.1 19.7
176 19.7 15.3 22.9

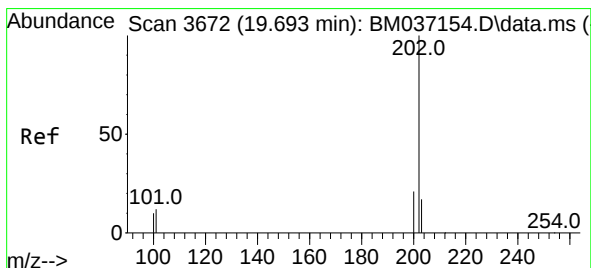
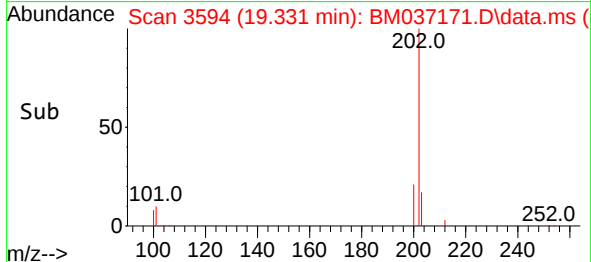
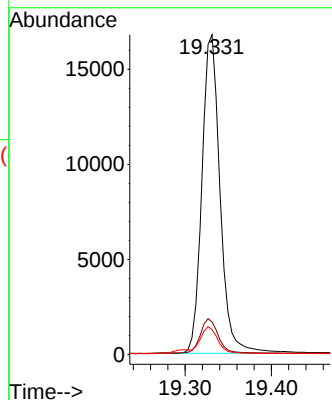
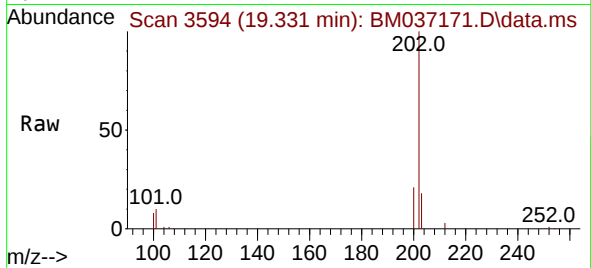




#19
Fluoranthene
Concen: 0.413 ng/u1
RT: 19.331 min Scan# 3594
Delta R.T. 0.000 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

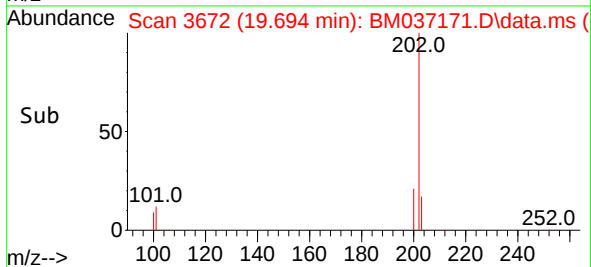
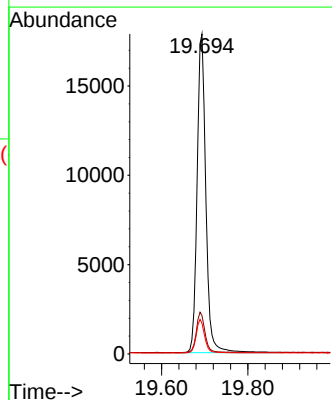
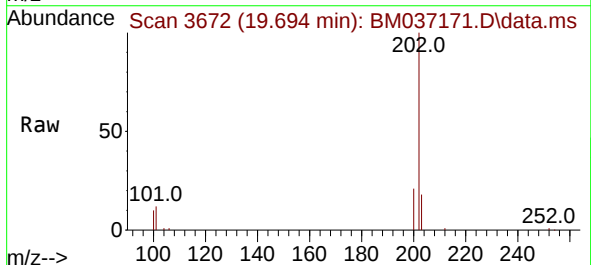
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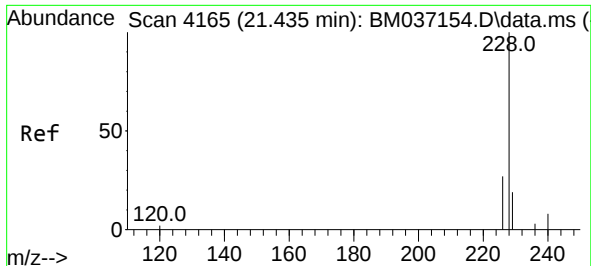
Tgt Ion:202 Resp: 24439
Ion Ratio Lower Upper
202 100
101 10.3 8.9 13.3
100 7.8 6.9 10.3



#20
Pyrene
Concen: 0.418 ng/u1
RT: 19.694 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

Tgt Ion:202 Resp: 25053
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.6 7.8 11.8

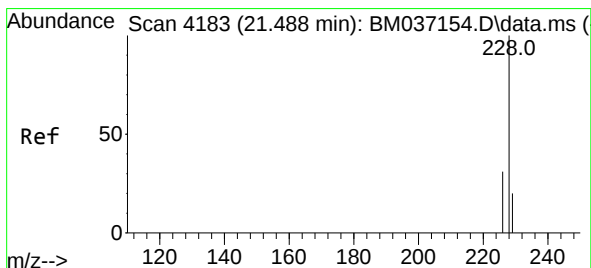
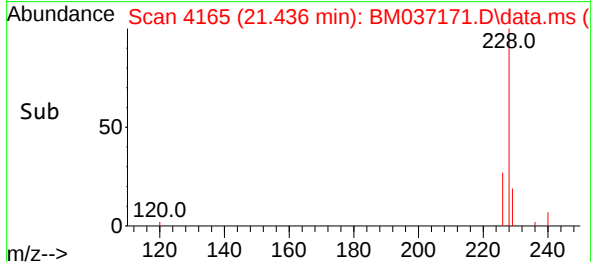
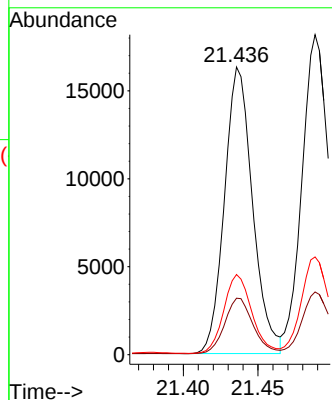
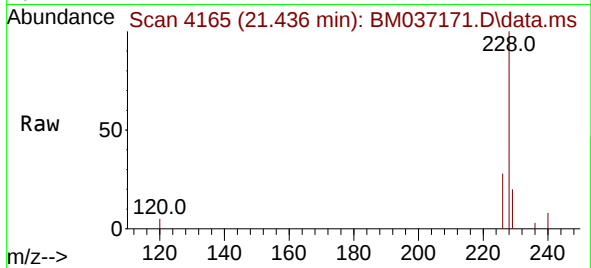




#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

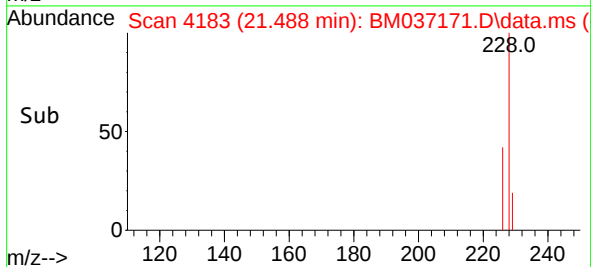
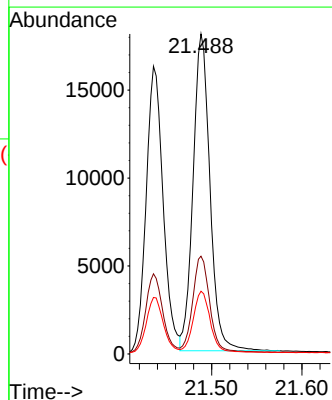
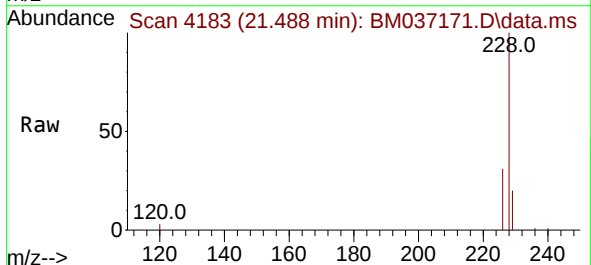
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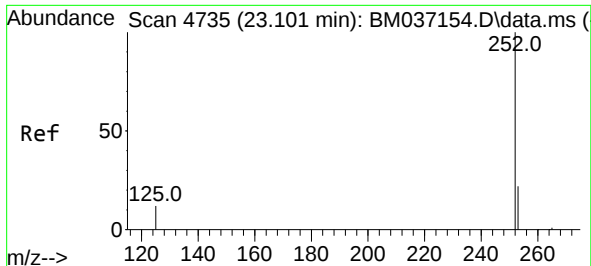
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Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 27.9 21.8 32.8



#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.488 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

Tgt Ion:228 Resp: 23376
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 19.6 16.0 24.0

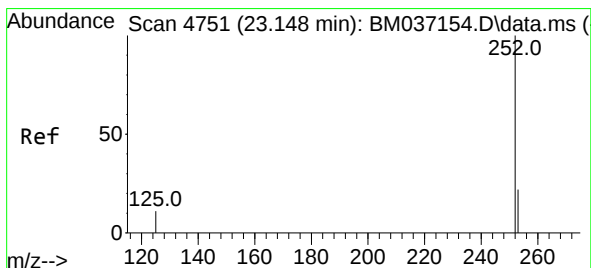
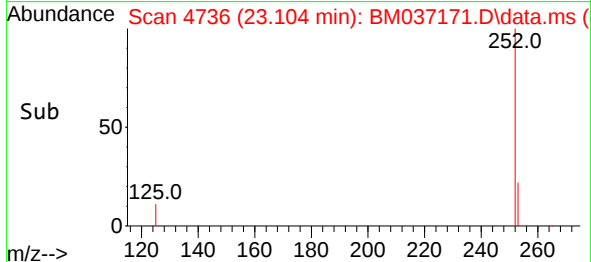
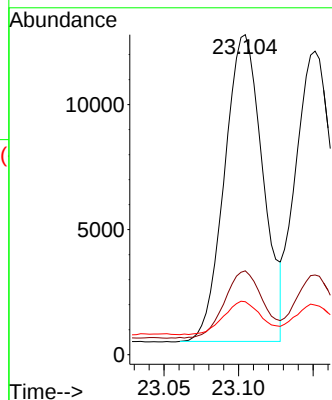
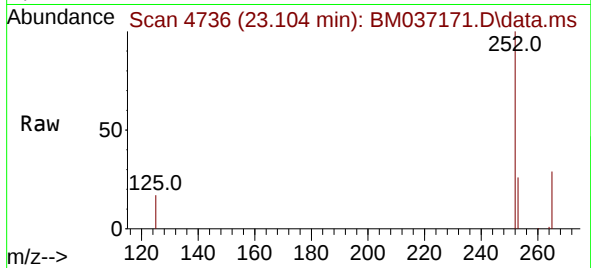




#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.104 min Scan# 4735
Delta R.T. -0.006 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

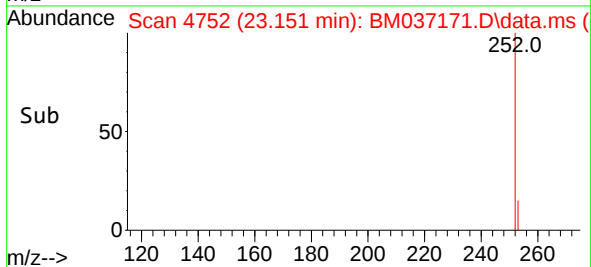
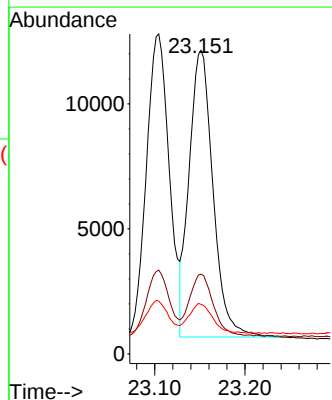
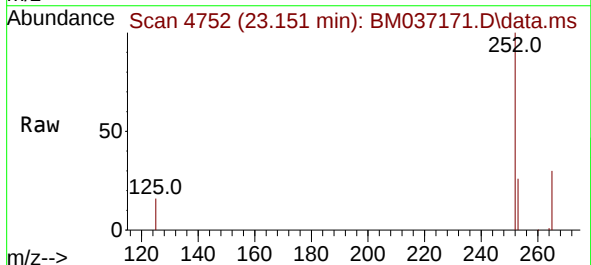
Instrument :
BNA_N
ClientSampleId :
SSTD0.4157

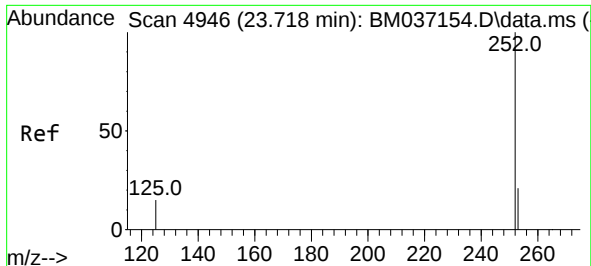
Tgt Ion:252 Resp: 21951
Ion Ratio Lower Upper
252 100
253 26.2 0.0 50.6
125 16.6 0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

Tgt Ion:252 Resp: 21018
Ion Ratio Lower Upper
252 100
253 26.3 20.6 30.8
125 16.4 13.3 19.9

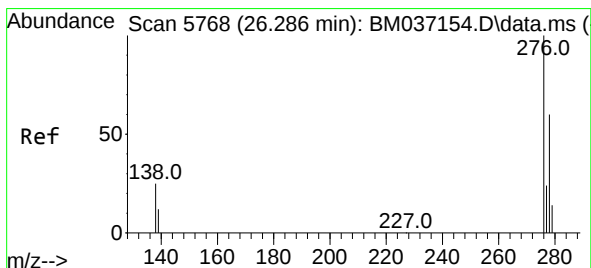
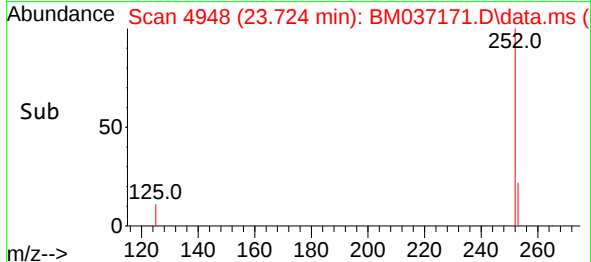
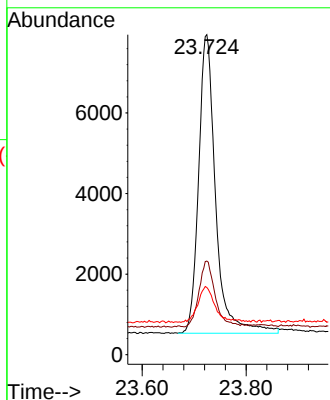
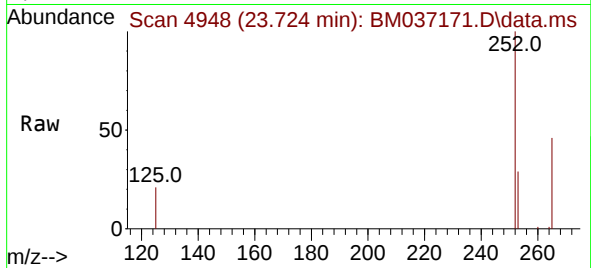




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.724 min Scan# 4946
Delta R.T. -0.006 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

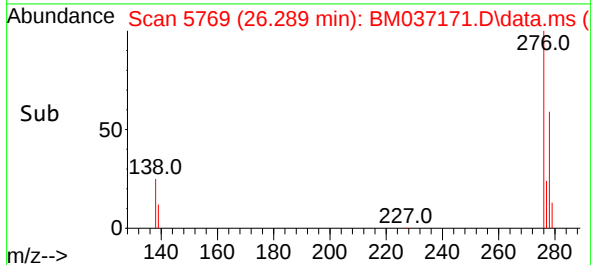
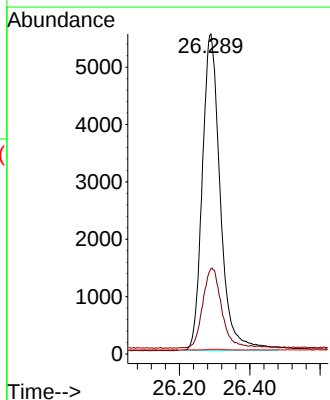
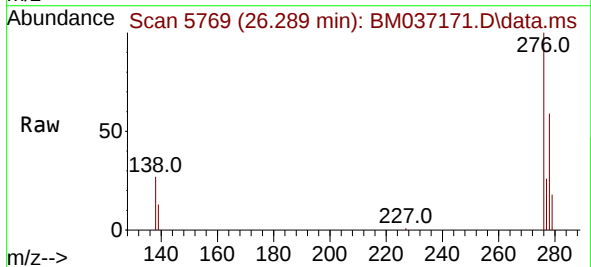
Instrument :
BNA_N
ClientSampleId :
SSTD0.4157

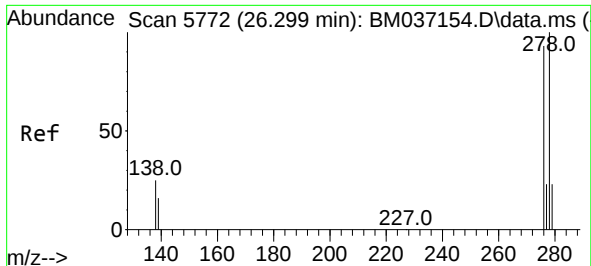
Tgt Ion:252 Resp: 16846
Ion Ratio Lower Upper
252 100
253 29.2 22.1 33.1
125 21.0 17.6 26.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng/ul
RT: 26.289 min Scan# 5769
Delta R.T. -0.010 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

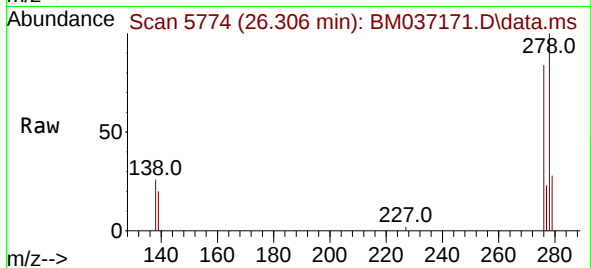
Tgt Ion:276 Resp: 19665
Ion Ratio Lower Upper
276 100
138 26.6 21.4 32.0
227 0.1 0.1 0.1#



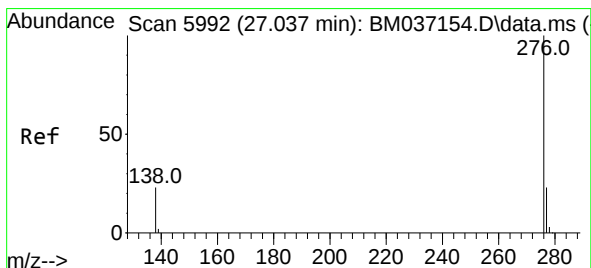
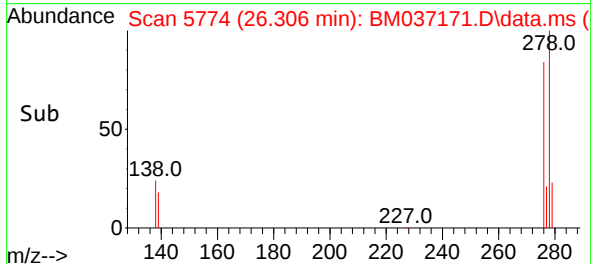
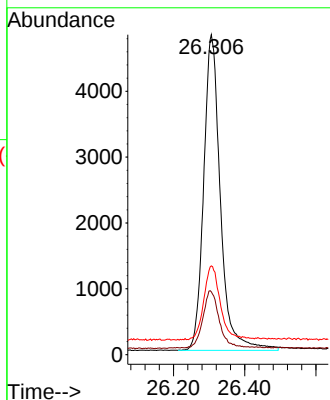


#28
Dibenzo(a,h)anthracene
Concen: 0.317 ng/ul
RT: 26.306 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

Instrument :
BNA_N
ClientSampleId :
SSTD0.4157



Tgt Ion:278 Resp: 15671
Ion Ratio Lower Upper
278 100
139 19.7 16.3 24.5
279 27.7 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.308 ng/ul
RT: 27.041 min Scan# 5993
Delta R.T. -0.017 min
Lab File: BM037171.D
Acq: 21 Oct 2022 13:24

Tgt Ion:276 Resp: 16963
Ion Ratio Lower Upper
276 100
138 24.9 19.8 29.8
277 24.9 20.1 30.1

