

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037180.D
 Acq On : 21 Oct 2022 22:44
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4158

Quant Time: Oct 22 02:34:27 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)

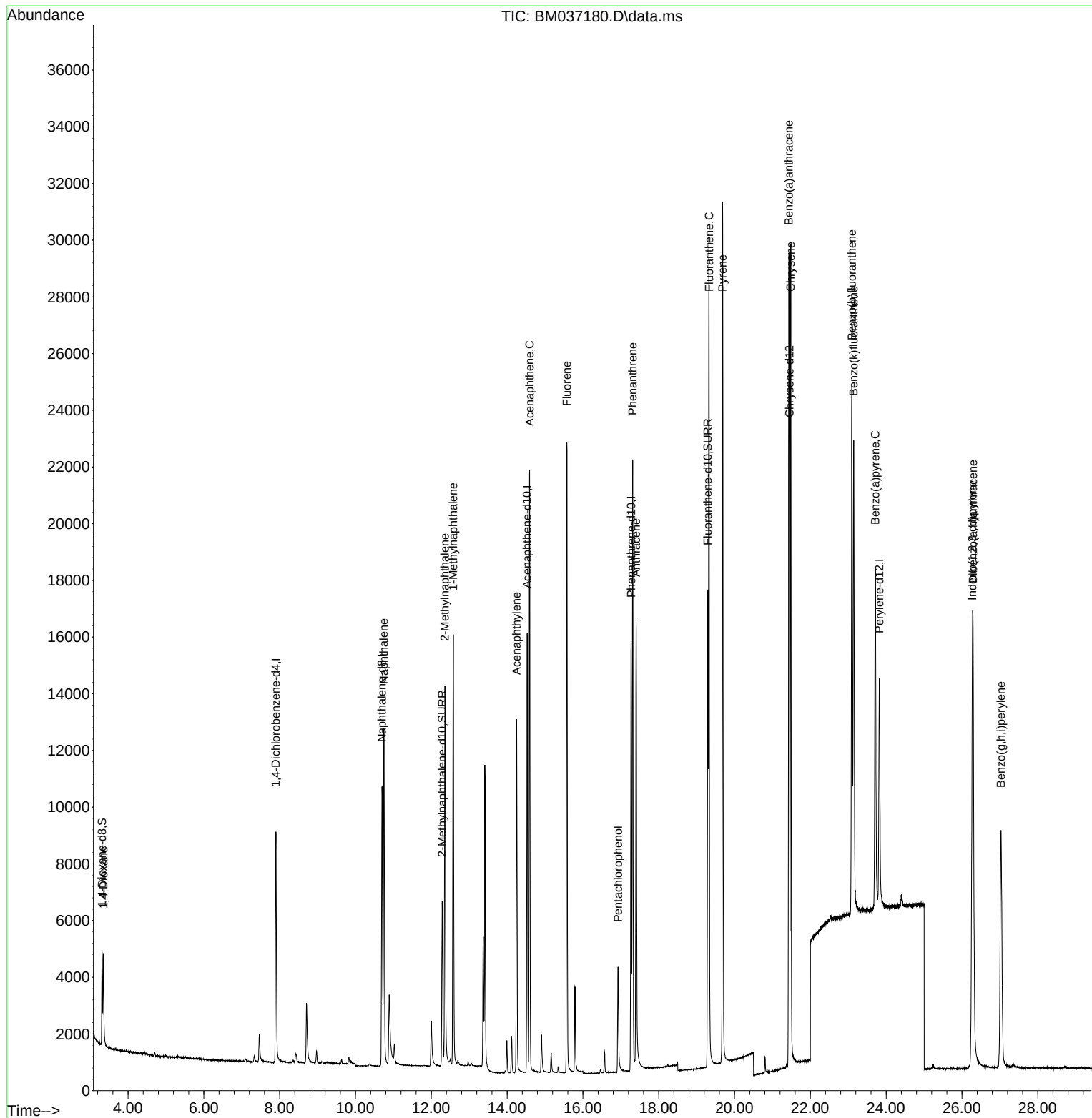
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4779	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14392	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.530	164	8301	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	17928	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	14084	0.400	ng/ul	0.00
23) Perylene-d12	23.823	264	11575	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	2318	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	8433	0.412	ng/ul	-0.01
18) Fluoranthene-d10	19.295	212	18410	0.432	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	2221	0.367	ng/ul#	92
5) Naphthalene	10.748	128	16869	0.396	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	10561	0.414	ng/ul	97
8) 1-Methylnaphthalene	12.580	142	10854	0.417	ng/ul	99
10) Acenaphthylene	14.252	152	14358	0.403	ng/ul	99
11) Acenaphthene	14.594	153	12521	0.389	ng/ul	98
12) Fluorene	15.580	166	14299	0.379	ng/ul	98
14) Pentachlorophenol	16.926	266	3065	0.706	ng/ul	99
15) Phenanthrene	17.314	178	23655	0.391	ng/ul	99
16) Anthracene	17.403	178	19352	0.404	ng/ul	99
19) Fluoranthene	19.327	202	26420	0.432	ng/ul	98
20) Pyrene	19.685	202	26929	0.434	ng/ul	97
21) Benzo(a)anthracene	21.432	228	22410	0.410	ng/ul	99
22) Chrysene	21.484	228	24613	0.391	ng/ul	100
24) Benzo(b)fluoranthene	23.095	252	24380	0.398	ng/ul	99
25) Benzo(k)fluoranthene	23.144	252	22727	0.384	ng/ul	100
26) Benzo(a)pyrene	23.712	252	19502	0.396	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.275	276	22794	0.332	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.292	278	17939	0.331	ng/ul	100
29) Benzo(g,h,i)perylene	27.026	276	19273	0.319	ng/ul	100

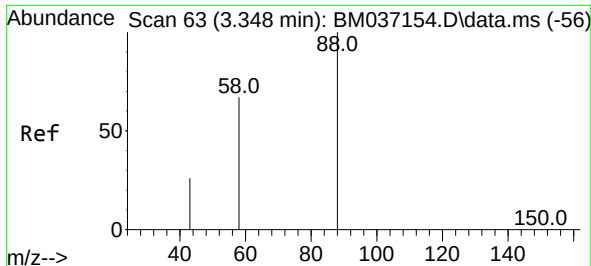
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
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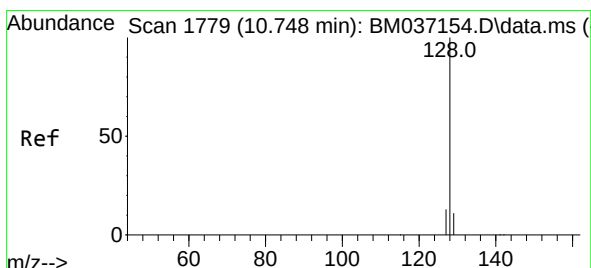
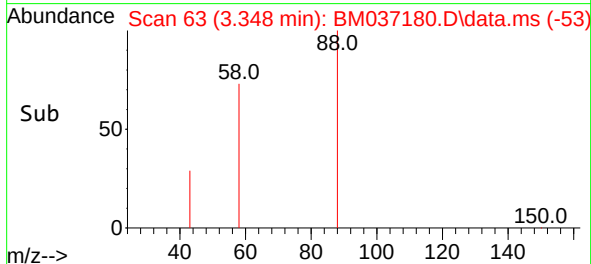
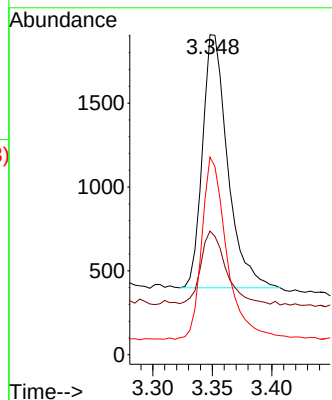
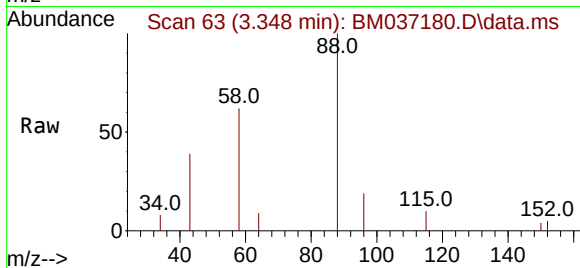




#2
1,4-Dioxane
Concen: 0.367 ng/ul
RT: 3.348 min Scan# 61
Delta R.T. -0.008 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

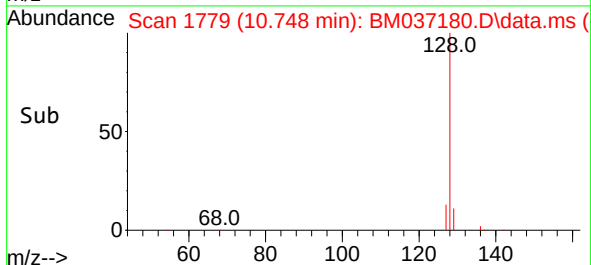
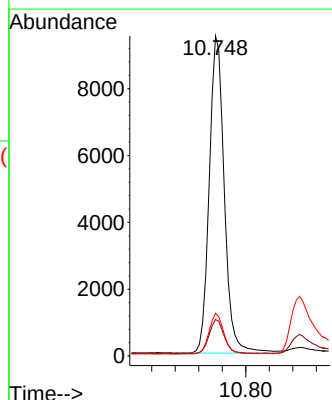
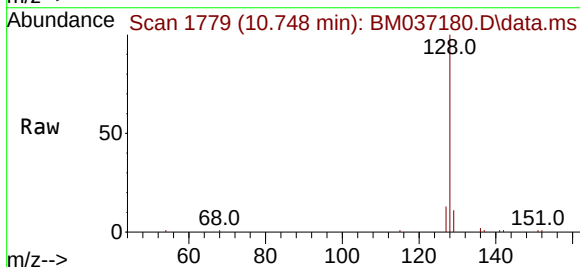
Instrument :
BNA_N
ClientSampleId :
SSTD0.4158

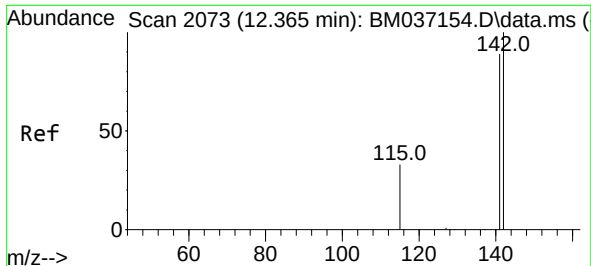
Tgt Ion: 88 Resp: 2221
Ion Ratio Lower Upper
88 100
43 38.6 25.5 38.3#
58 61.7 45.8 68.6



#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.011 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

Tgt Ion: 128 Resp: 16869
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.4 10.5 15.7

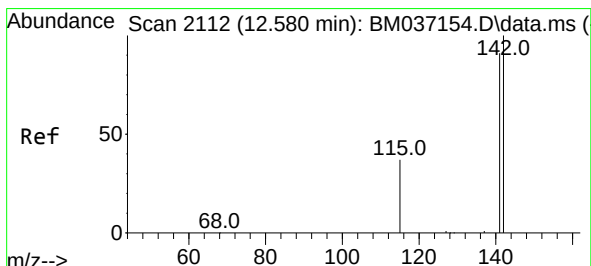
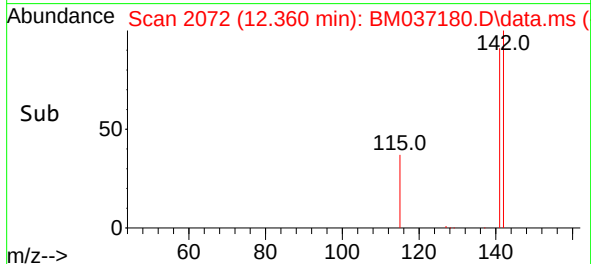
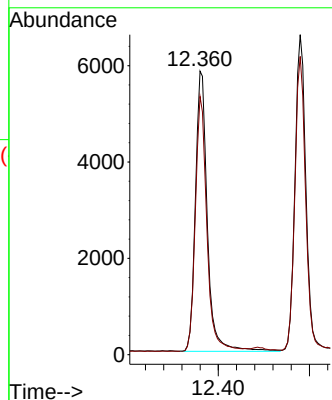
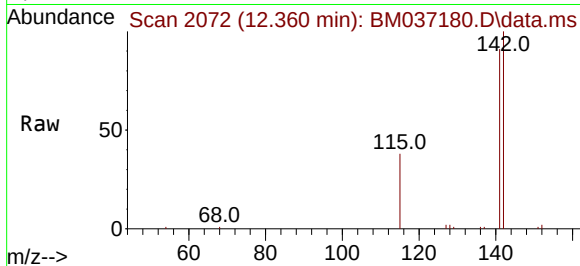




#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.360 min Scan# 2073
Delta R.T. -0.011 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

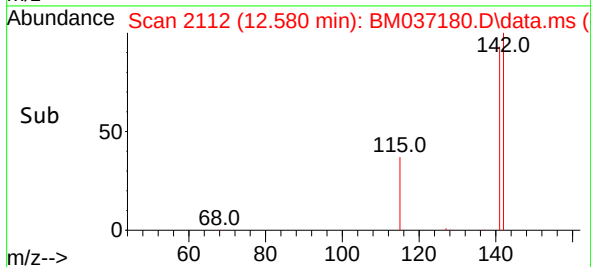
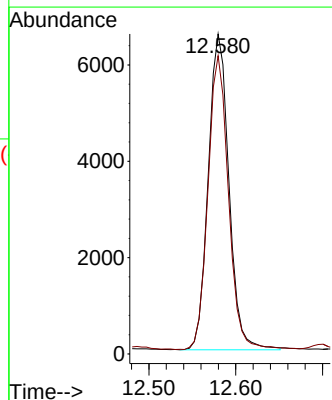
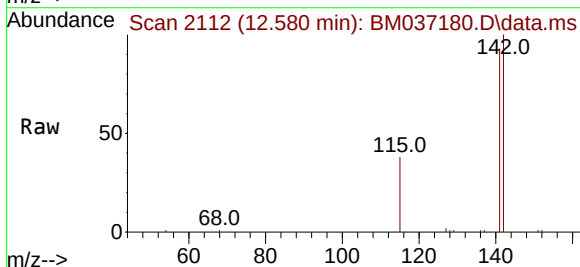
Instrument :
BNA_N
ClientSampleId :
SSTD0.4158

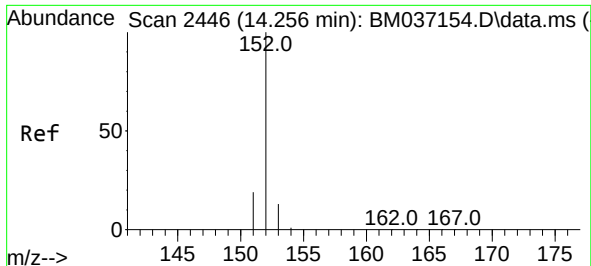
Tgt Ion:142 Resp: 10561
Ion Ratio Lower Upper
142 100
141 88.3 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

Tgt Ion:142 Resp: 10854
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4

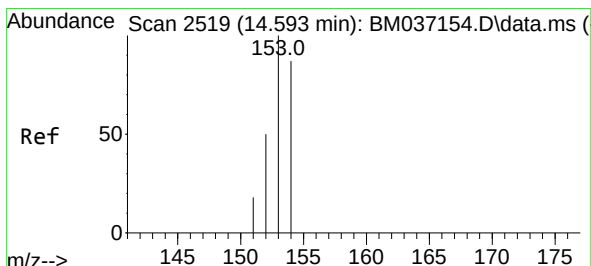
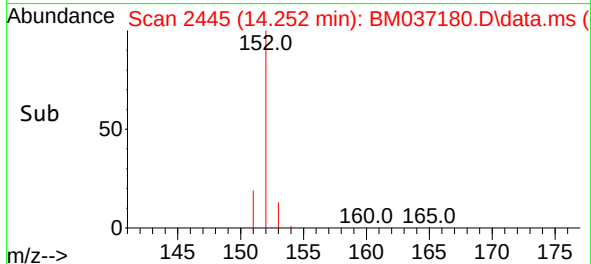
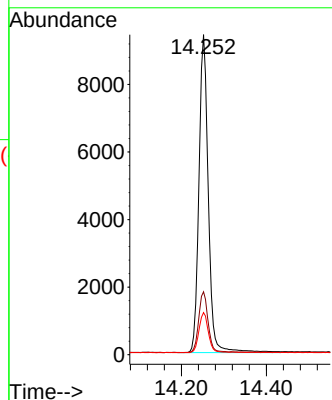
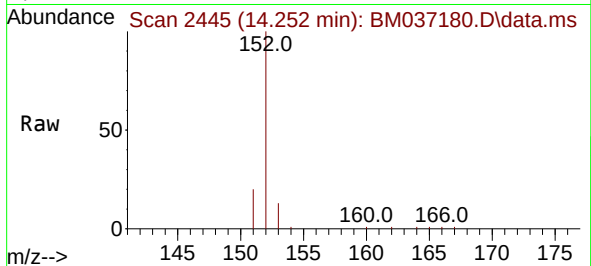




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. -0.008 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

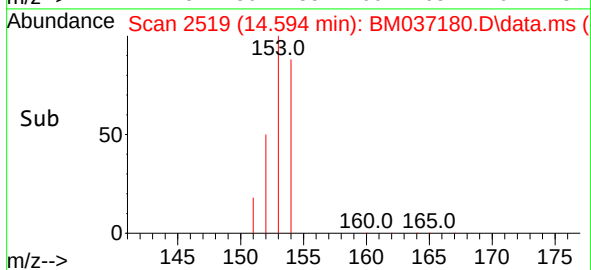
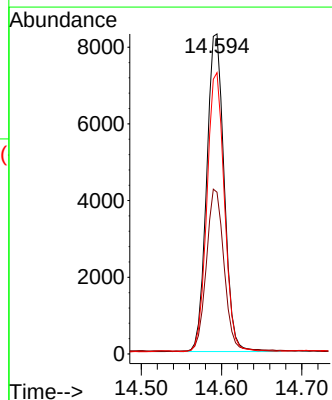
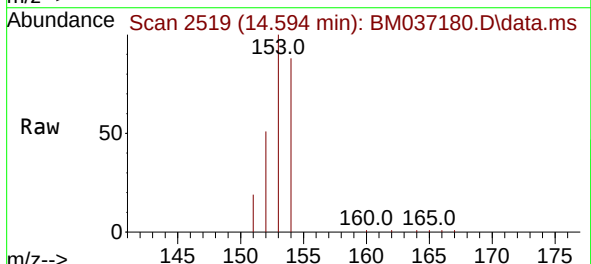
Instrument :
BNA_N
ClientSampleId :
SSTD0.4158

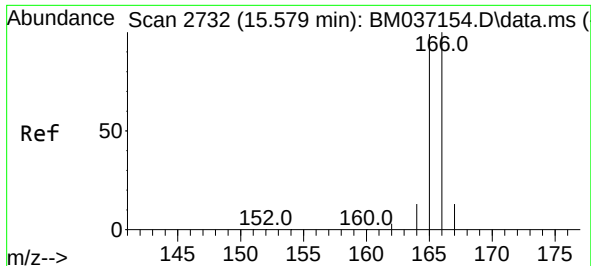
Tgt Ion:152 Resp: 14358
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 10.8 16.2



#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.004 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

Tgt Ion:153 Resp: 12521
Ion Ratio Lower Upper
153 100
152 50.6 43.3 64.9
154 87.9 70.0 105.0

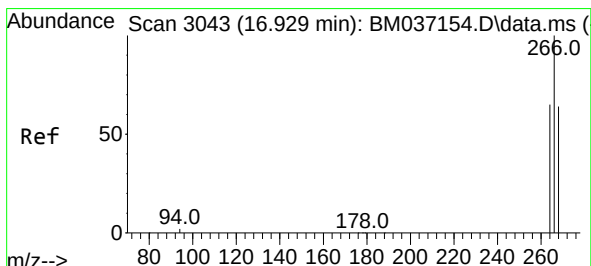
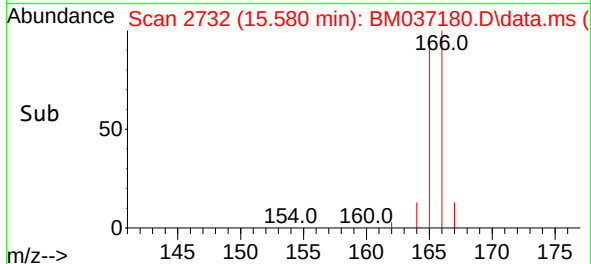
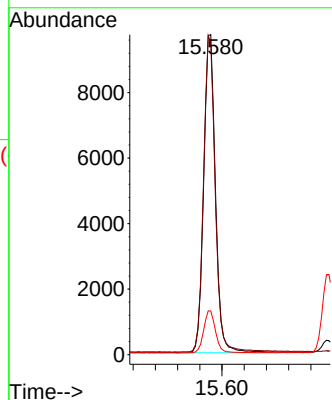
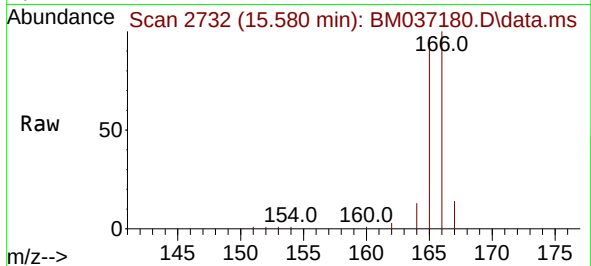




#12
Fluorene
Concen: 0.379 ng/ul
RT: 15.580 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

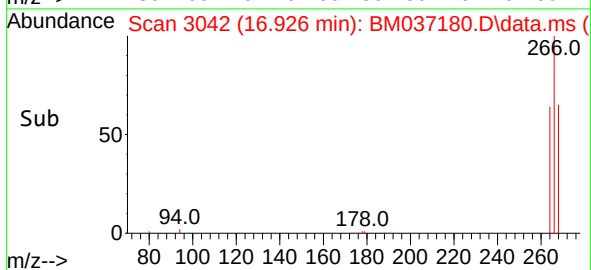
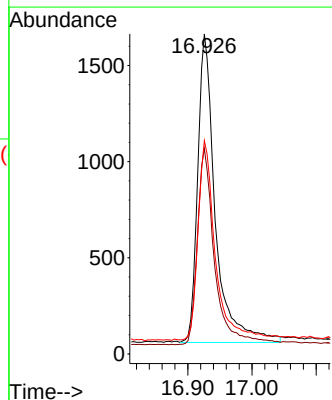
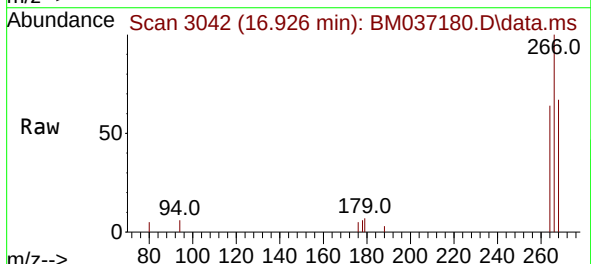
Instrument :
BNA_N
ClientSampleId :
SSTD0.4158

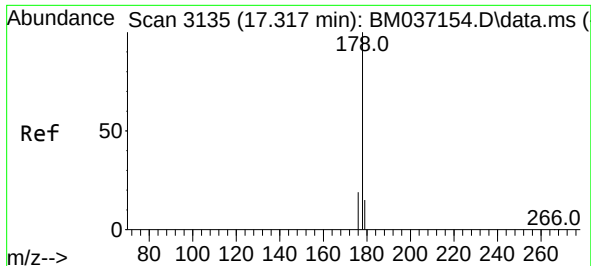
Tgt Ion:166 Resp: 14299
Ion Ratio Lower Upper
166 100
165 97.4 79.4 119.2
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.706 ng/ul
RT: 16.926 min Scan# 3042
Delta R.T. -0.012 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

Tgt Ion:266 Resp: 3065
Ion Ratio Lower Upper
266 100
264 62.5 49.4 74.0
268 63.9 50.5 75.7

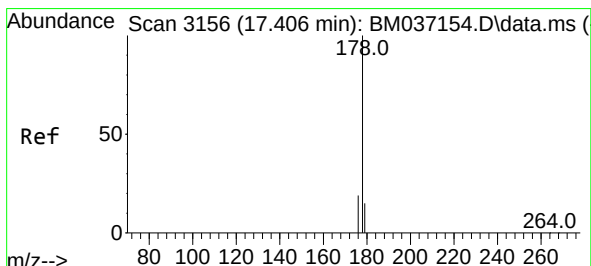
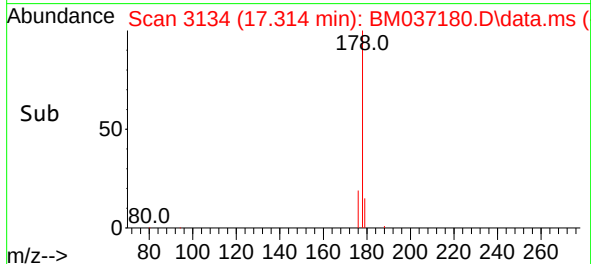
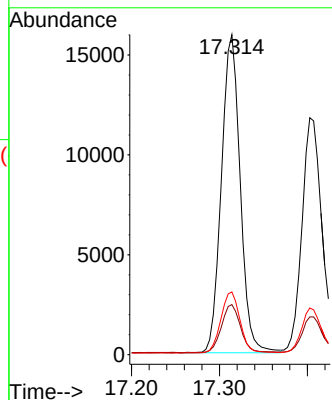
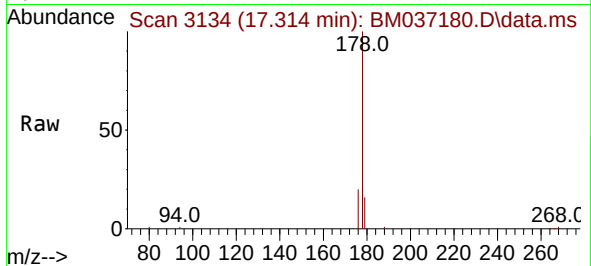




#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 17.314 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

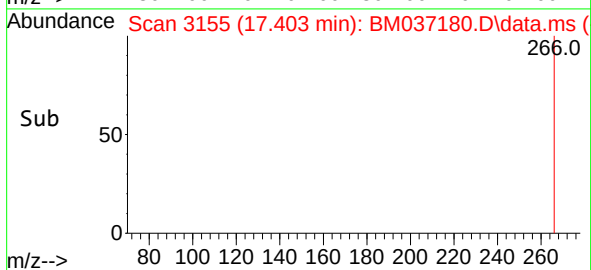
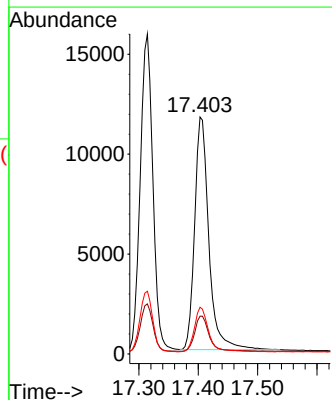
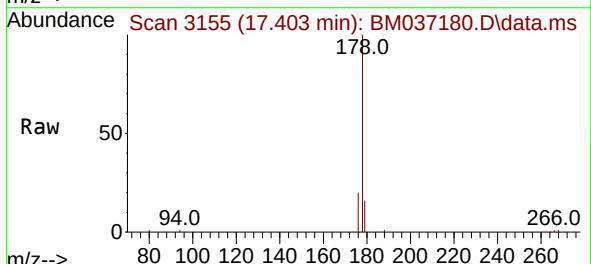
Instrument :
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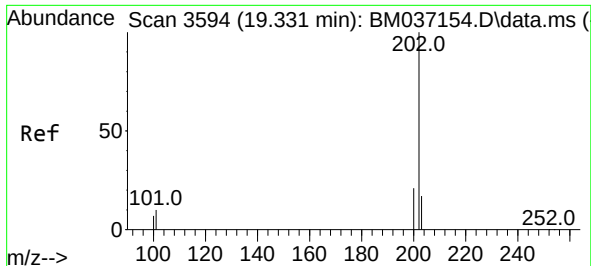
Tgt Ion:178 Resp: 23655
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.6 16.1 24.1



#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.403 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

Tgt Ion:178 Resp: 19352
Ion Ratio Lower Upper
178 100
179 15.9 13.1 19.7
176 19.7 15.3 22.9

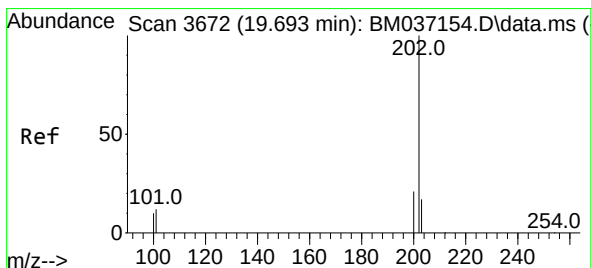
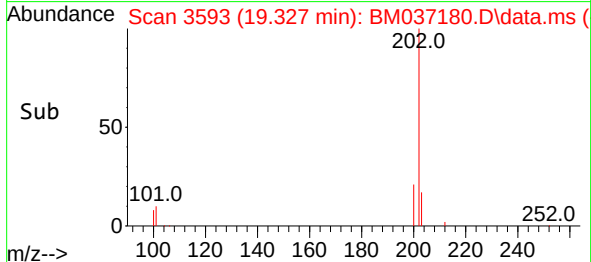
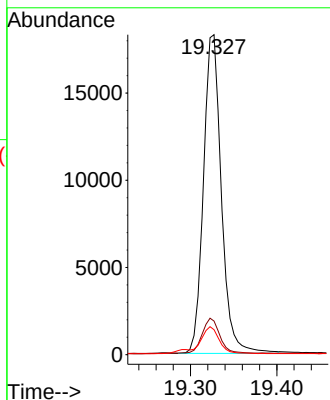
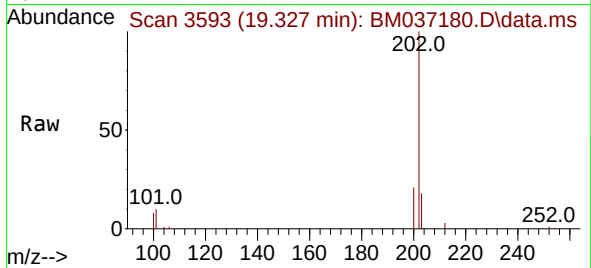




#19
Fluoranthene
Concen: 0.432 ng/u1
RT: 19.327 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

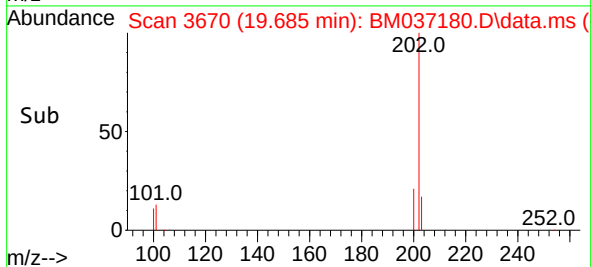
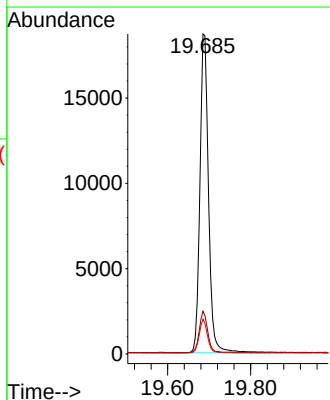
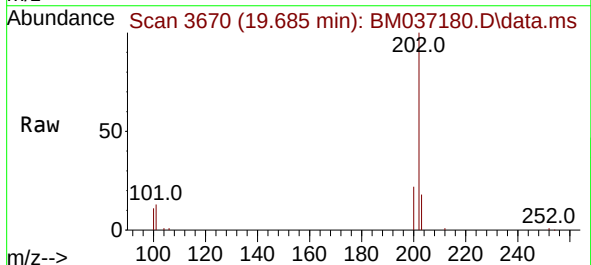
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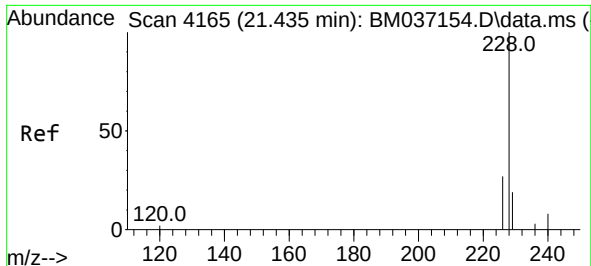
Tgt Ion:202 Resp: 26420
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
100 7.8 6.9 10.3



#20
Pyrene
Concen: 0.434 ng/u1
RT: 19.685 min Scan# 3670
Delta R.T. -0.013 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

Tgt Ion:202 Resp: 26929
Ion Ratio Lower Upper
202 100
101 13.3 9.7 14.5
100 10.8 7.8 11.8

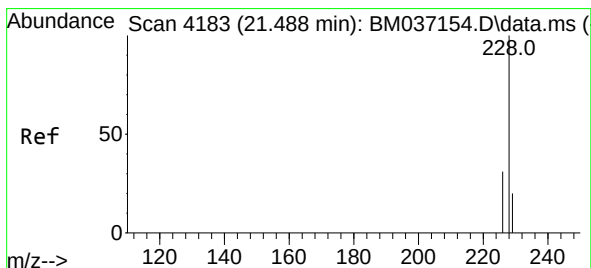
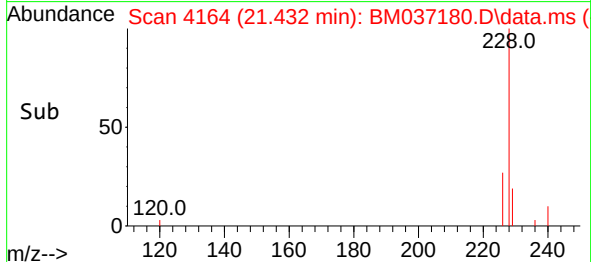
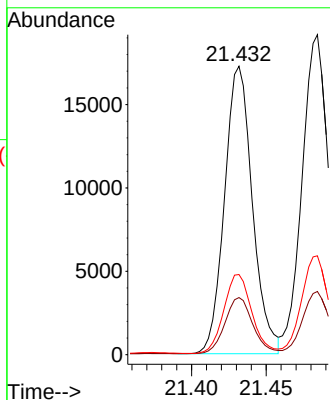
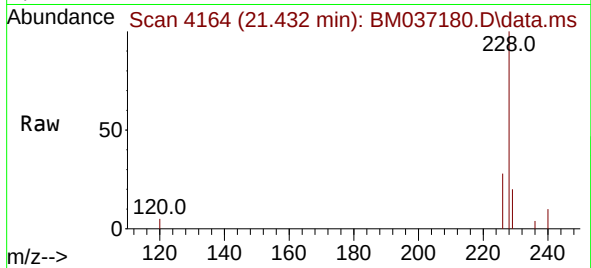




#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.432 min Scan# 4165
Delta R.T. -0.010 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

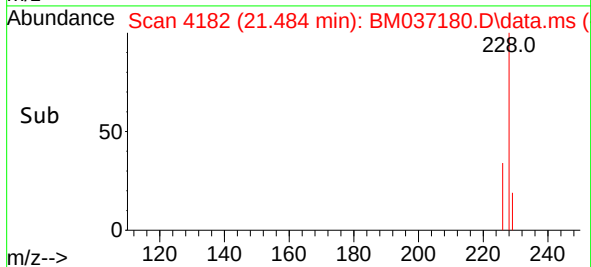
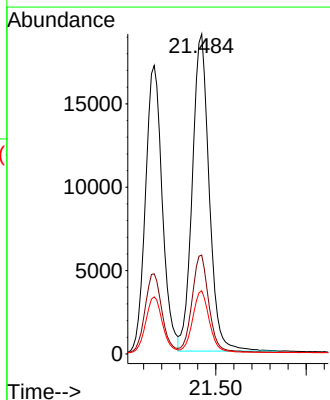
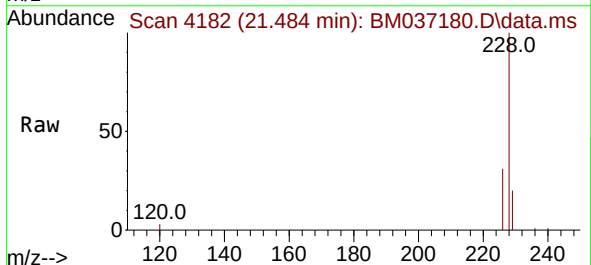
Instrument :
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SSTD0.4158

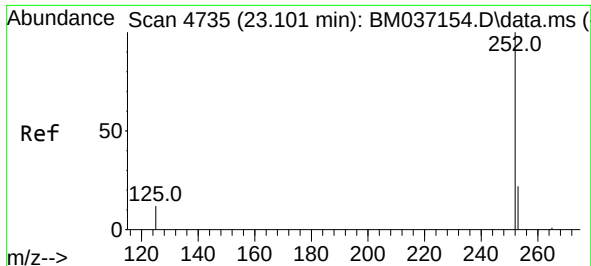
Tgt Ion:228 Resp: 22410
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.6
226 27.8 21.8 32.8



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.484 min Scan# 4182
Delta R.T. -0.007 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

Tgt Ion:228 Resp: 24613
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 19.8 16.0 24.0

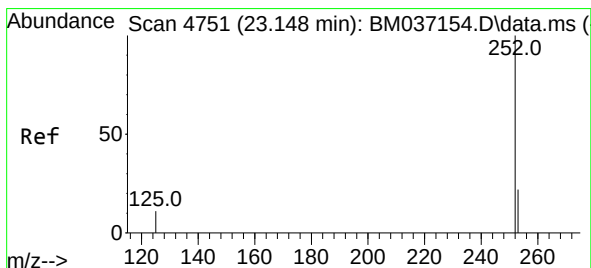
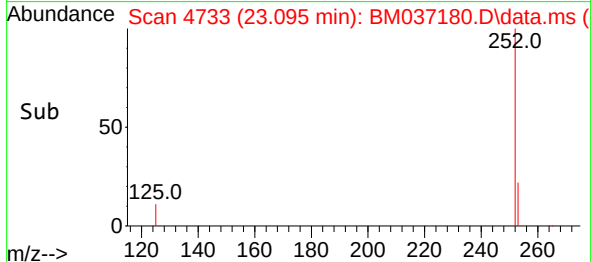
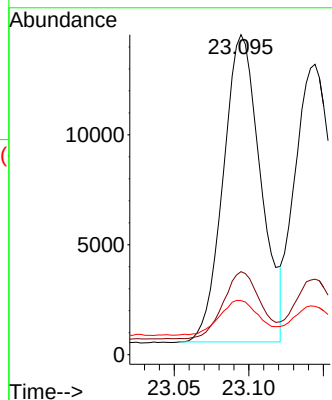
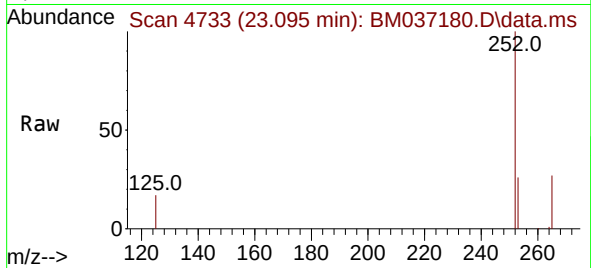




#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 23.095 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

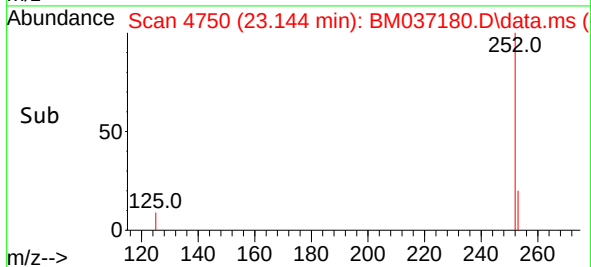
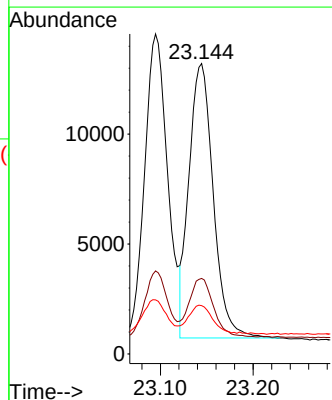
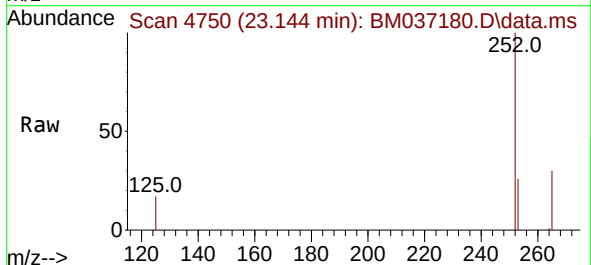
Instrument :
BNA_N
ClientSampleId :
SSTD0.4158

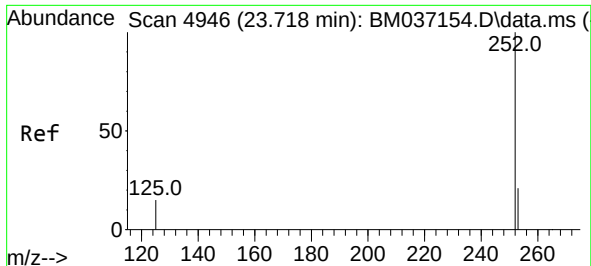
Tgt Ion:252 Resp: 24380
Ion Ratio Lower Upper
252 100
253 25.9 0.0 50.6
125 16.9 0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 23.144 min Scan# 4750
Delta R.T. -0.013 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

Tgt Ion:252 Resp: 22727
Ion Ratio Lower Upper
252 100
253 26.0 20.6 30.8
125 16.6 13.3 19.9

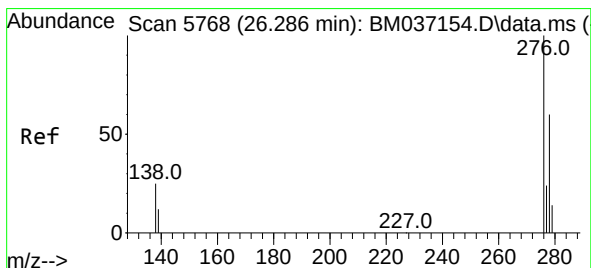
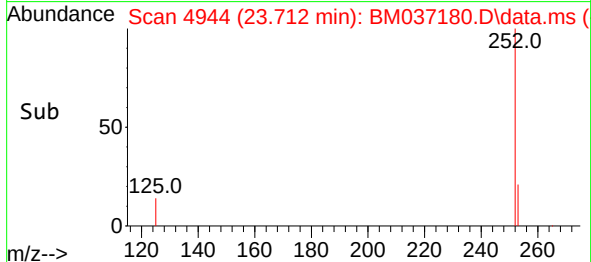
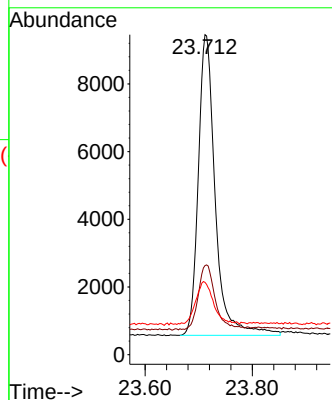
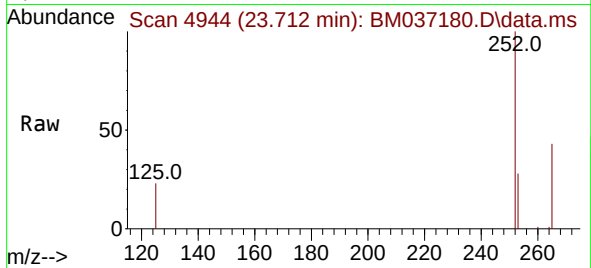




#26
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.712 min Scan# 4946
Delta R.T. -0.018 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

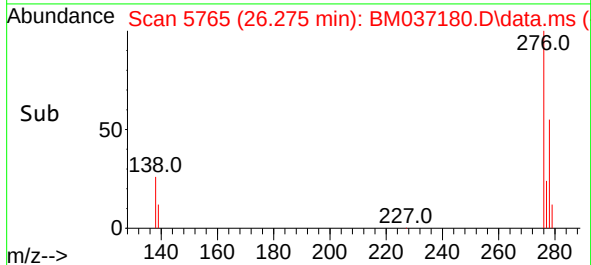
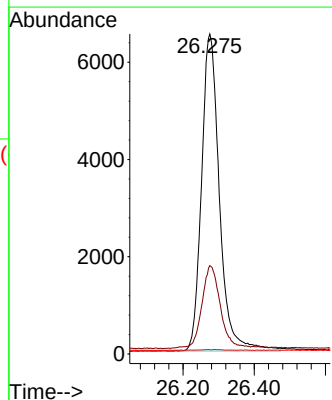
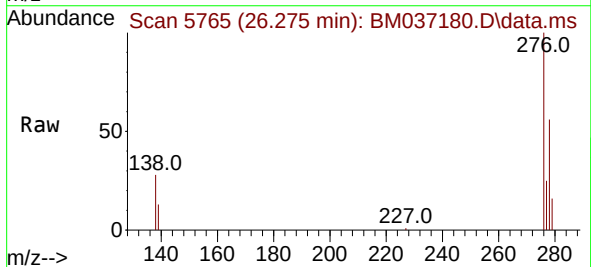
Instrument :
BNA_N
ClientSampleId :
SSTD0.4158

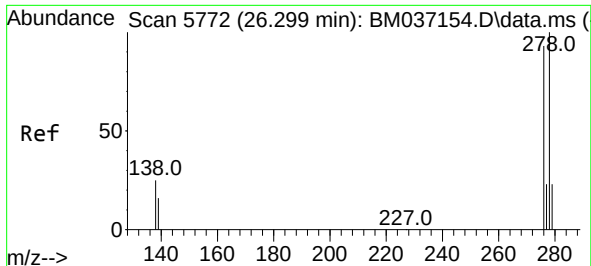
Tgt Ion:252 Resp: 19502
Ion Ratio Lower Upper
252 100
253 27.9 22.1 33.1
125 22.6 17.6 26.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 26.275 min Scan# 5765
Delta R.T. -0.024 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

Tgt Ion:276 Resp: 22794
Ion Ratio Lower Upper
276 100
138 27.5 21.4 32.0
227 0.1 0.1 0.1#

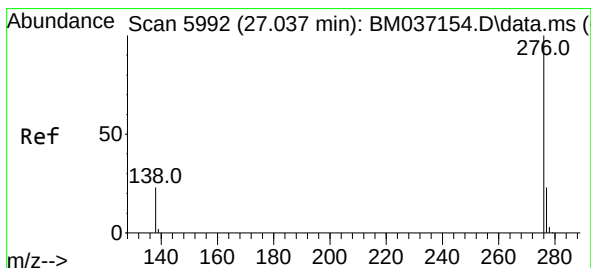
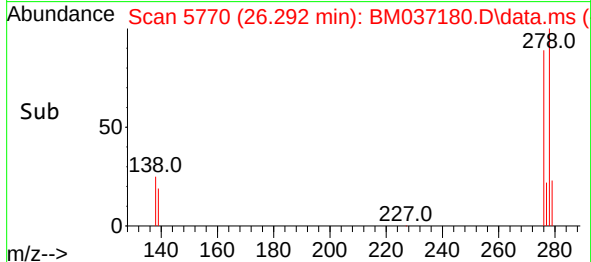
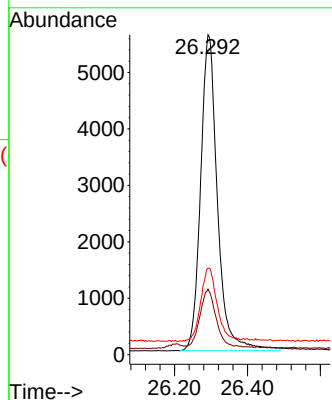
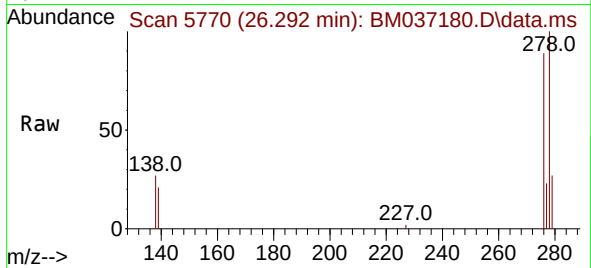




#28
Dibenzo(a,h)anthracene
Concen: 0.331 ng/ul
RT: 26.292 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4158

Tgt Ion:278 Resp: 17939
Ion Ratio Lower Upper
278 100
139 20.5 16.3 24.5
279 27.0 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 27.026 min Scan# 5989
Delta R.T. -0.031 min
Lab File: BM037180.D
Acq: 21 Oct 2022 22:44

Tgt Ion:276 Resp: 19273
Ion Ratio Lower Upper
276 100
138 24.8 19.8 29.8
277 24.6 20.1 30.1

