

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037680.D
 Acq On : 23 Nov 2022 15:20
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4180

Quant Time: Nov 24 01:49:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

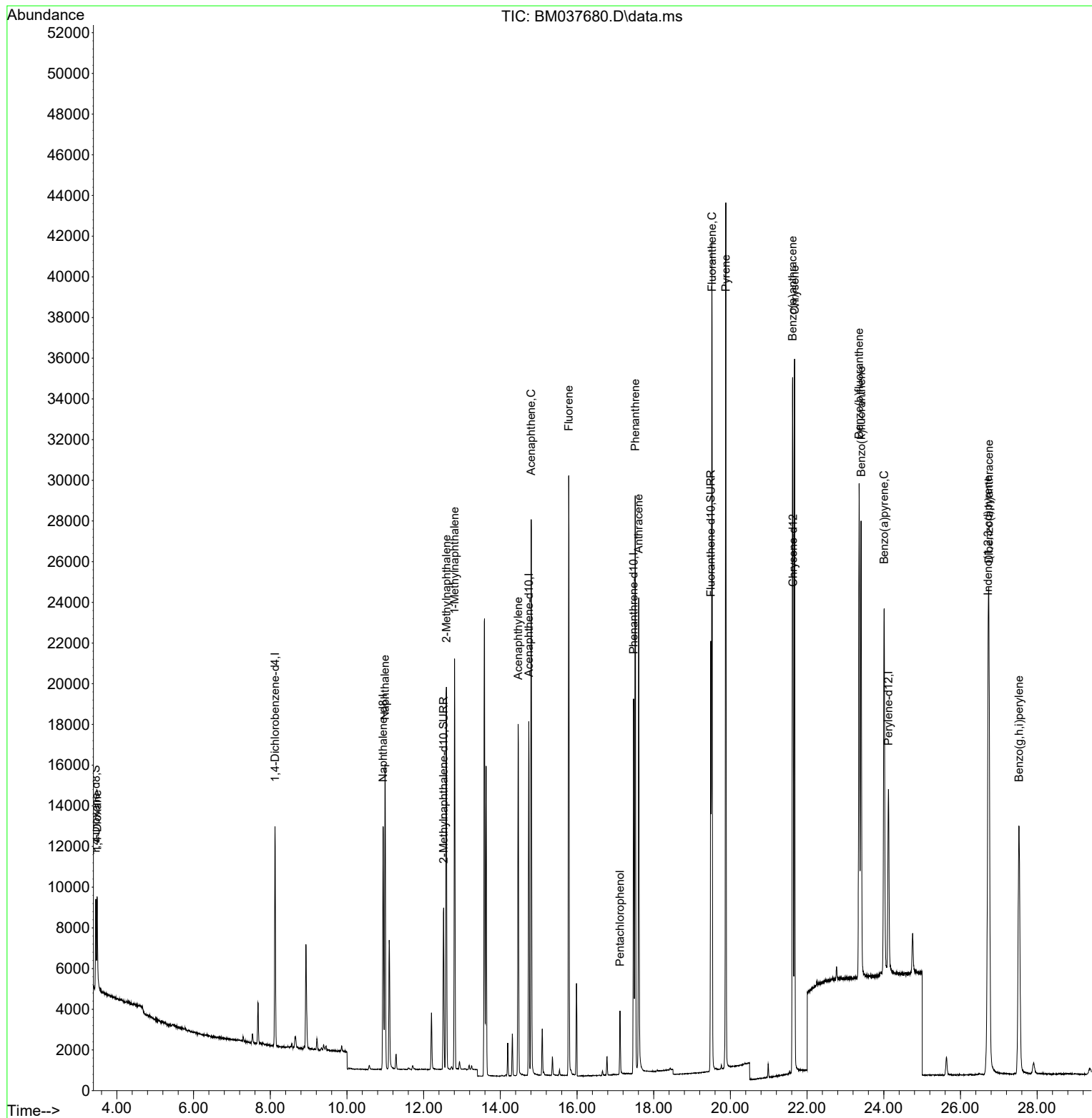
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	5276	0.400	ng/ul	0.00
4) Naphthalene-d8	10.942	136	15494	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.742	164	9051	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.475	188	20442	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	14583	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	13137	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	2897	0.472	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	10020	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	21403	0.444	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.484	88	2942	0.461	ng/ul#	58
5) Naphthalene	10.991	128	20003	0.425	ng/ul	98
7) 2-Methylnaphthalene	12.592	142	12868	0.402	ng/ul	100
8) 1-Methylnaphthalene	12.806	142	13104	0.400	ng/ul	99
10) Acenaphthylene	14.465	152	19255	0.383	ng/ul	100
11) Acenaphthene	14.803	153	15381	0.438	ng/ul	98
12) Fluorene	15.783	166	18015	0.426	ng/ul	99
14) Pentachlorophenol	17.120	266	2060	0.449	ng/ul	98
15) Phenanthrene	17.517	178	29857	0.427	ng/ul	100
16) Anthracene	17.610	178	26018	0.386	ng/ul	99
19) Fluoranthene	19.518	202	33171	0.471	ng/ul#	93
20) Pyrene	19.880	202	33941	0.464	ng/ul	97
21) Benzo(a)anthracene	21.619	228	27786	0.426	ng/ul	100
22) Chrysene	21.674	228	30151	0.466	ng/ul	100
24) Benzo(b)fluoranthene	23.358	252	31818	0.531	ng/ul	91
25) Benzo(k)fluoranthene	23.408	252	28620	0.473	ng/ul#	94
26) Benzo(a)pyrene	24.010	252	26574	0.510	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.721	276	33591	0.487	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.741	278	25713	0.474	ng/ul#	95
29) Benzo(g,h,i)perylene	27.526	276	27390	0.468	ng/ul	95

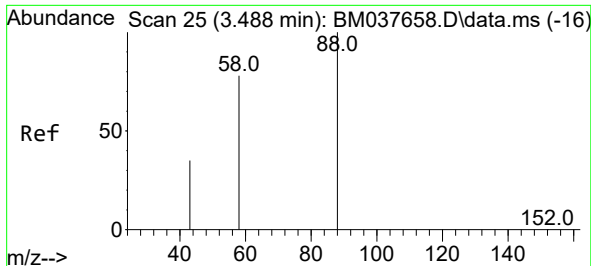
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037680.D
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Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4180

Quant Time: Nov 24 01:49:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration

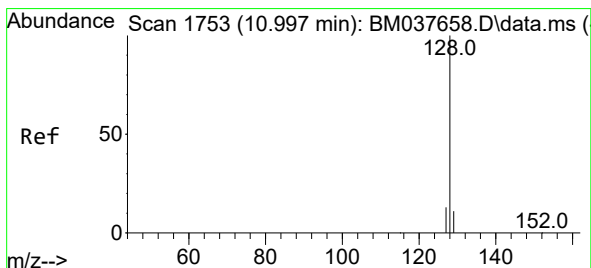
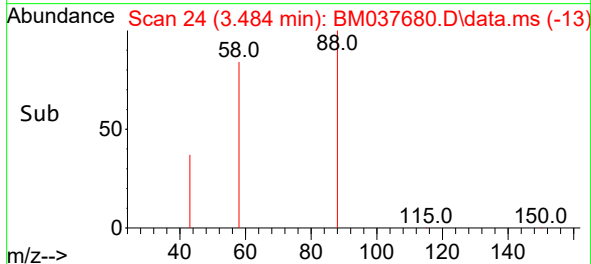
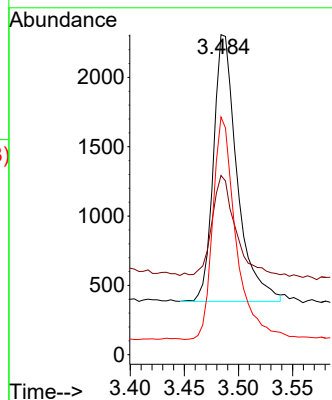
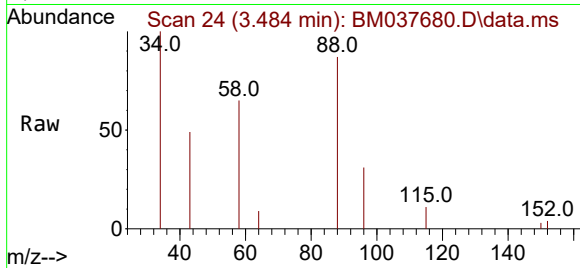




#2
1,4-Dioxane
Concen: 0.461 ng/ul
RT: 3.484 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

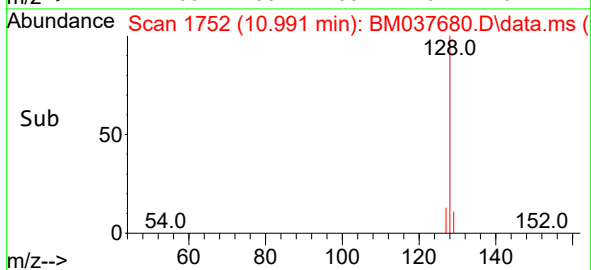
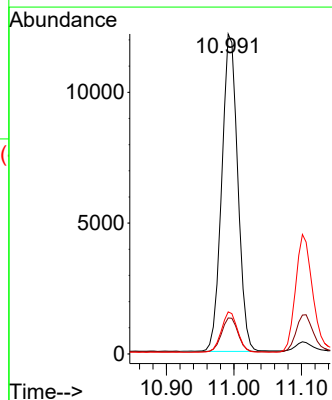
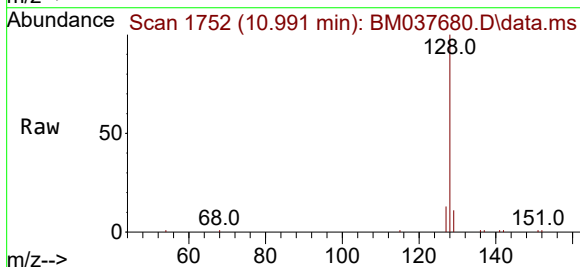
Instrument :
BNA_M
ClientSampleId :
SSTD0.4180

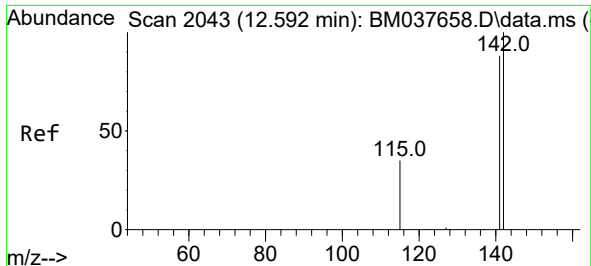
Tgt Ion: 88 Resp: 2942
Ion Ratio Lower Upper
88 100
43 56.0 102.8 154.2#
58 74.3 67.3 100.9



#5
Naphthalene
Concen: 0.425 ng/ul
RT: 10.991 min Scan# 1752
Delta R.T. -0.010 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

Tgt Ion: 128 Resp: 20003
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.2 11.0 16.4

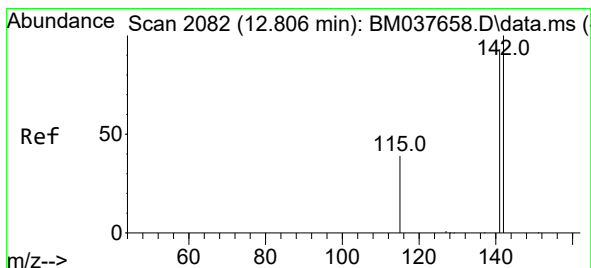
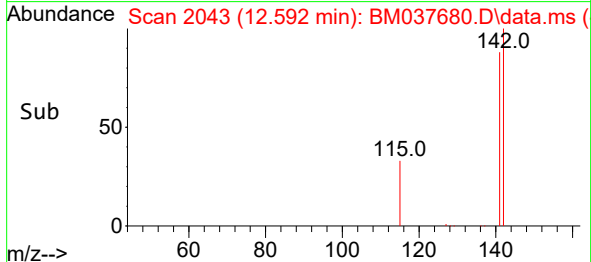
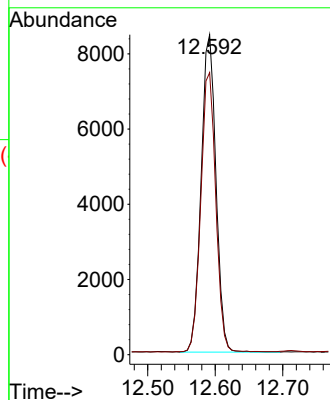
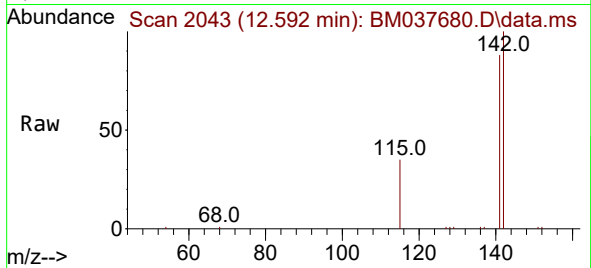




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.592 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

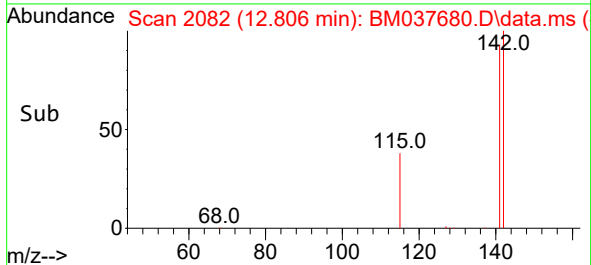
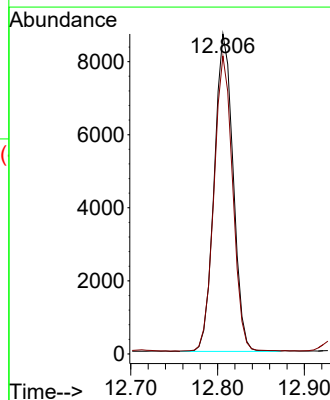
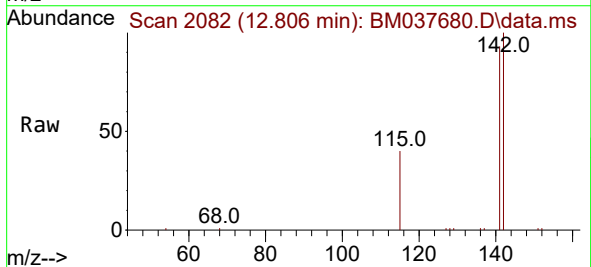
Instrument :
BNA_M
ClientSampleId :
SSTD0.4180

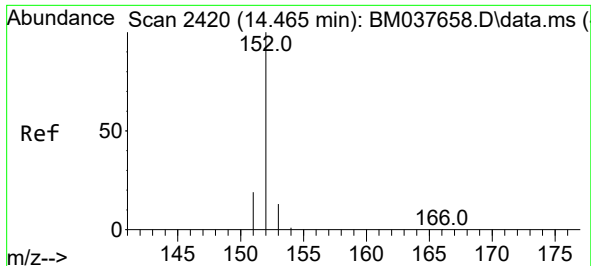
Tgt Ion:142 Resp: 12868
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.806 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

Tgt Ion:142 Resp: 13104
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0

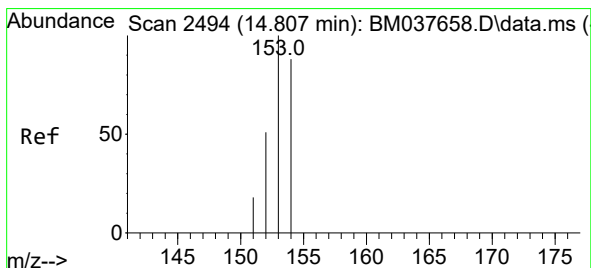
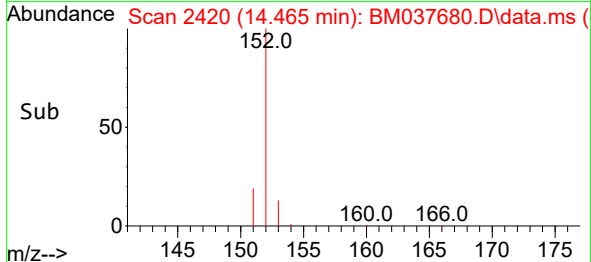
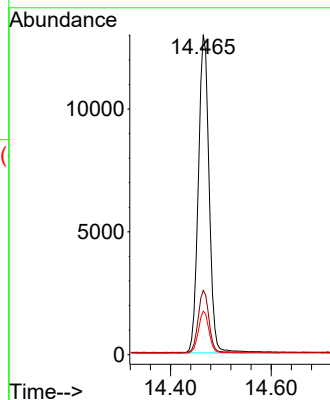
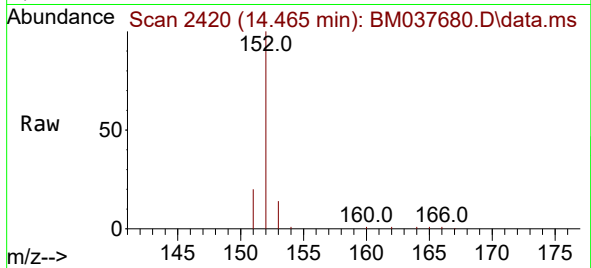




#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 14.465 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

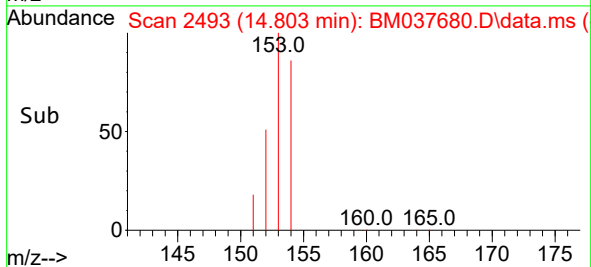
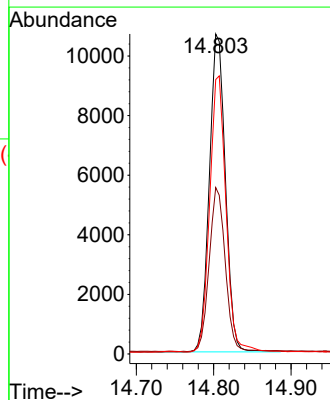
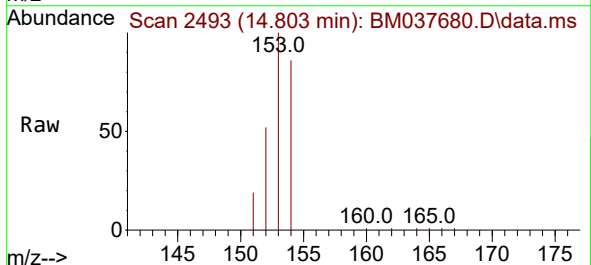
Instrument :
BNA_M
ClientSampleId :
SSTD0.4180

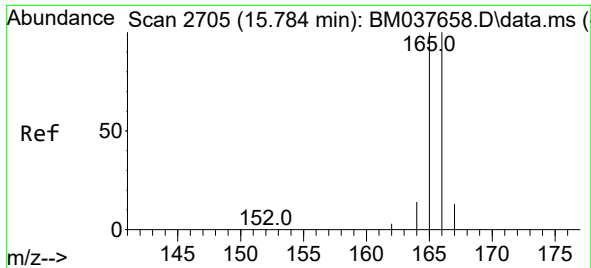
Tgt Ion:	152	Resp:	19255
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.9	23.9
153	13.6	11.0	16.4



#11
Acenaphthene
Concen: 0.438 ng/ul
RT: 14.803 min Scan# 2493
Delta R.T. -0.008 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

Tgt Ion:	153	Resp:	15381
Ion Ratio	Lower	Upper	
153	100		
152	52.0	39.4	59.0
154	85.8	69.5	104.3

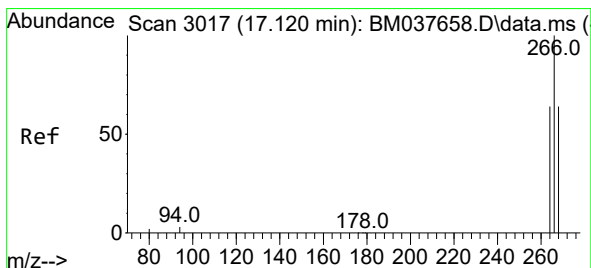
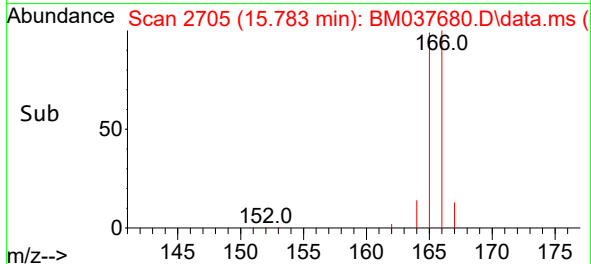
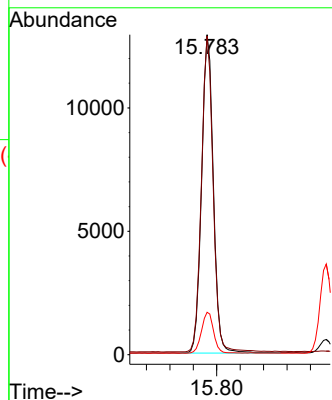
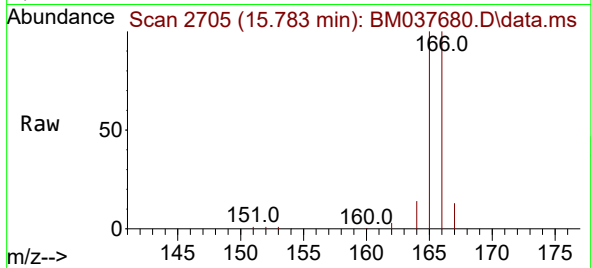




#12
Fluorene
Concen: 0.426 ng/ul
RT: 15.783 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

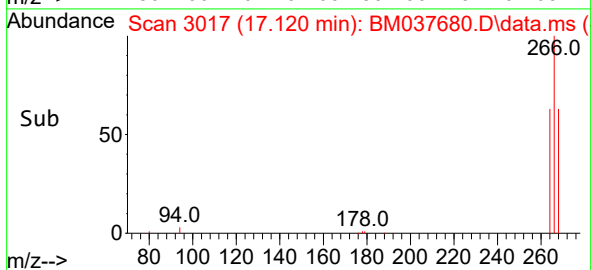
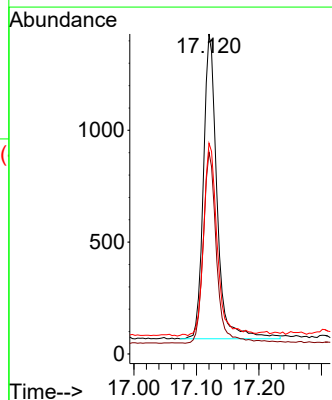
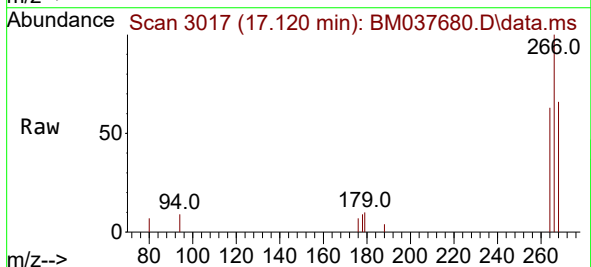
Instrument :
BNA_M
ClientSampleId :
SSTD0.4180

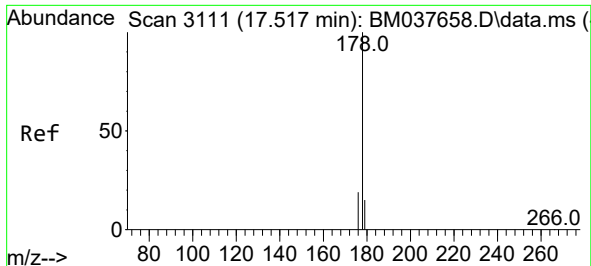
Tgt Ion:166 Resp: 18015
Ion Ratio Lower Upper
166 100
165 99.6 78.7 118.1
167 13.3 11.3 16.9



#14
Pentachlorophenol
Concen: 0.449 ng/ul
RT: 17.120 min Scan# 3017
Delta R.T. -0.007 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

Tgt Ion:266 Resp: 2060
Ion Ratio Lower Upper
266 100
264 61.5 50.2 75.2
268 62.8 52.0 78.0

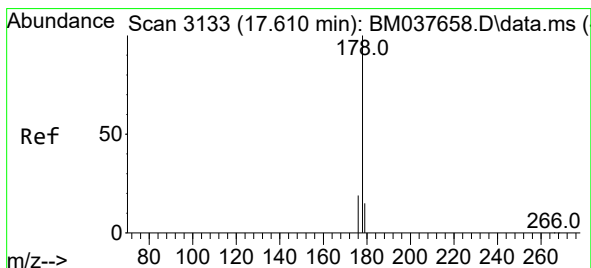
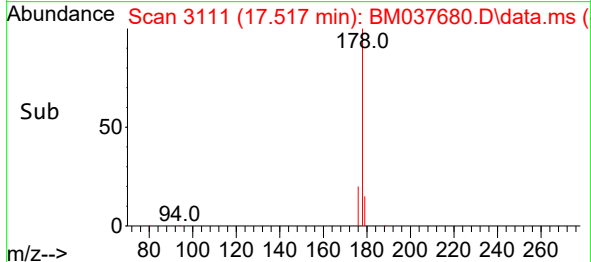
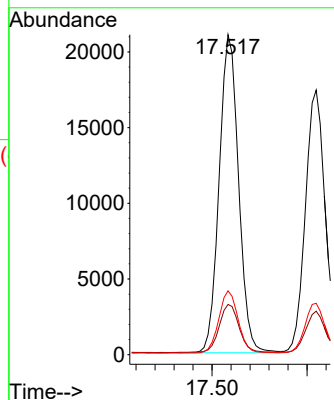
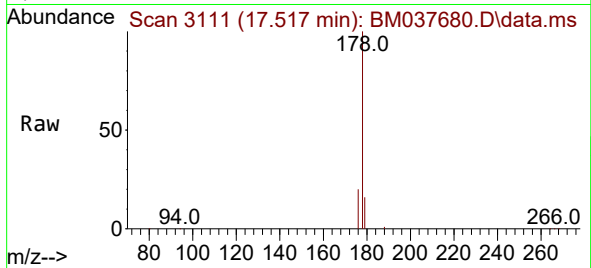




#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.517 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

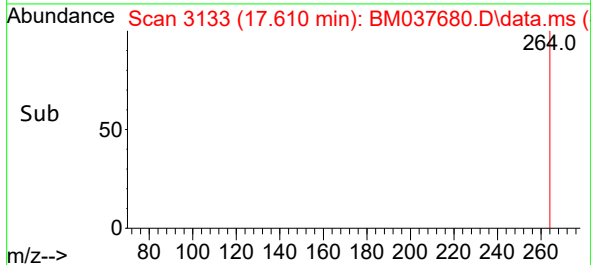
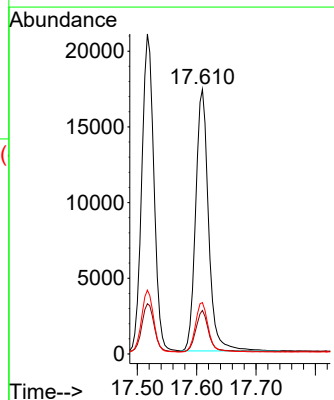
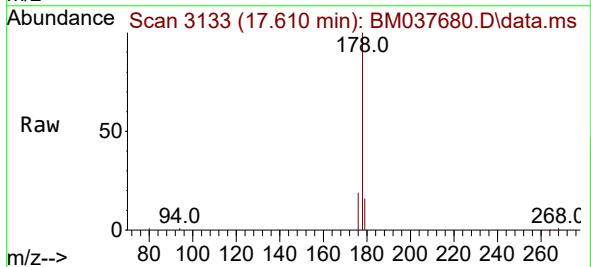
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ClientSampleId :
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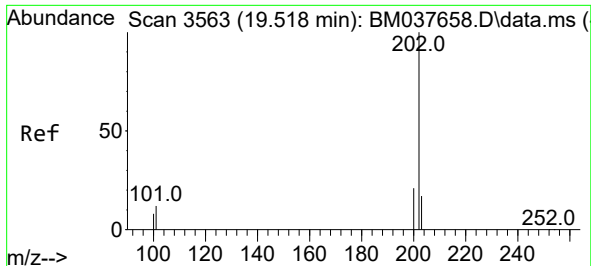
Tgt Ion:178 Resp: 29857
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.9 16.0 24.0



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.610 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

Tgt Ion:178 Resp: 26018
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 19.4 15.0 22.6

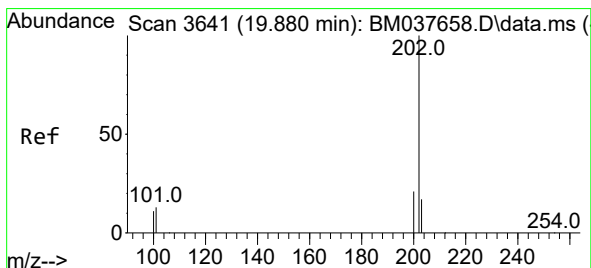
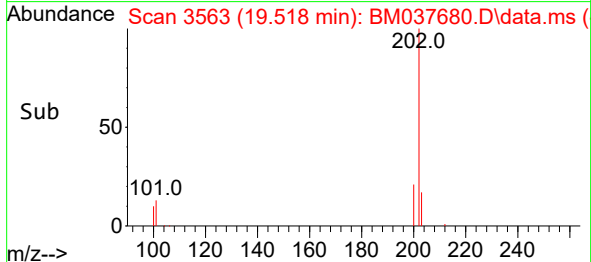
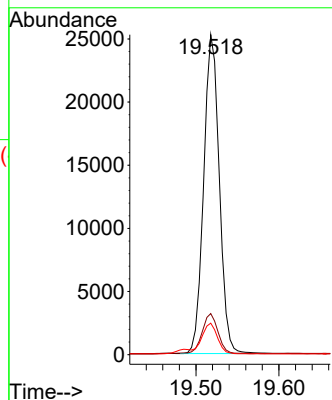
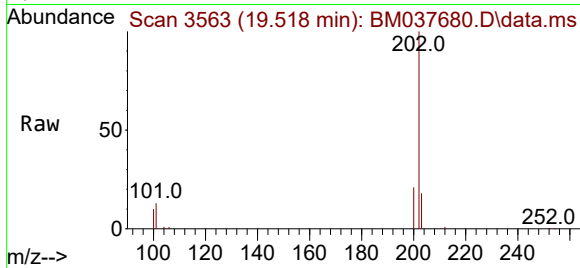




#19
Fluoranthene
Concen: 0.471 ng/ul
RT: 19.518 min Scan# 3563
Delta R.T. -0.003 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

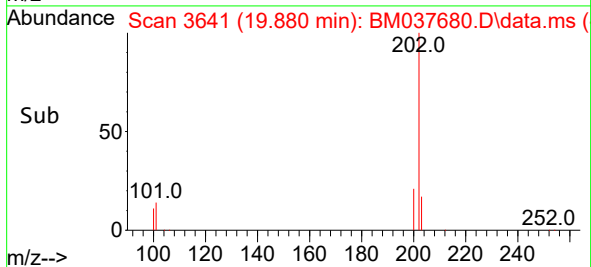
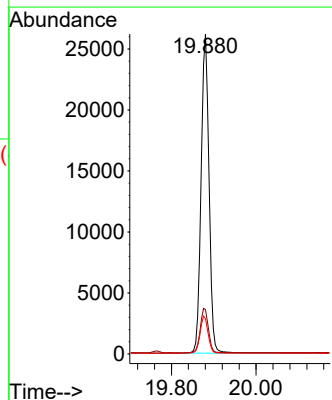
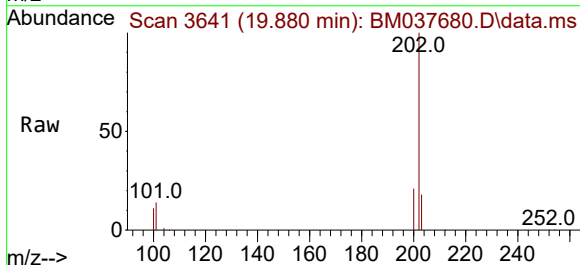
Instrument :
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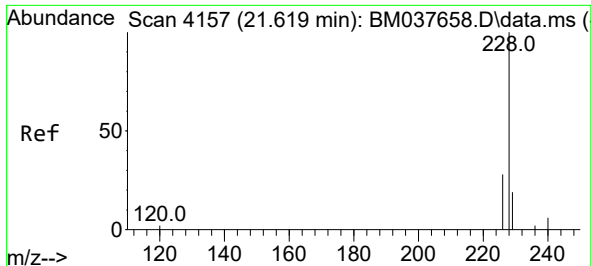
Tgt Ion:202 Resp: 33171
Ion Ratio Lower Upper
202 100
101 12.9 8.2 12.2#
100 9.8 6.1 9.1#



#20
Pyrene
Concen: 0.464 ng/ul
RT: 19.880 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

Tgt Ion:202 Resp: 33941
Ion Ratio Lower Upper
202 100
101 13.9 10.1 15.1
100 11.0 8.0 12.0

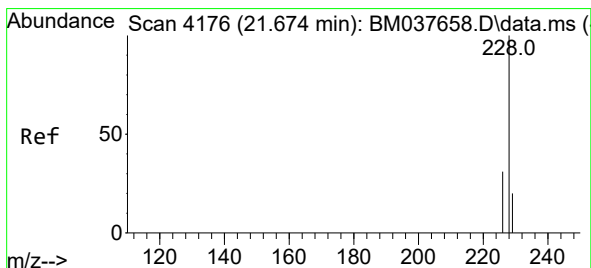
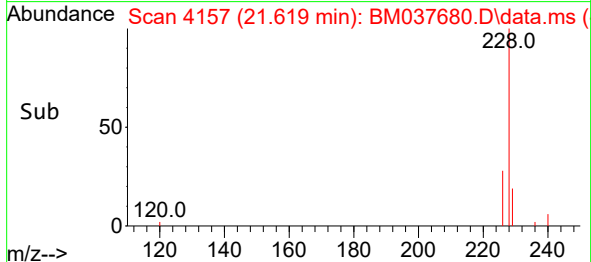
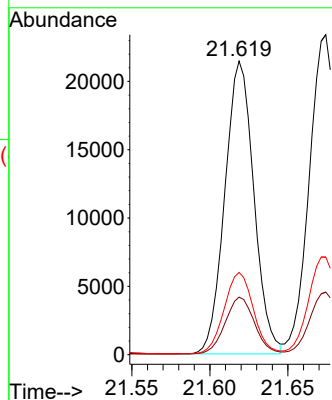
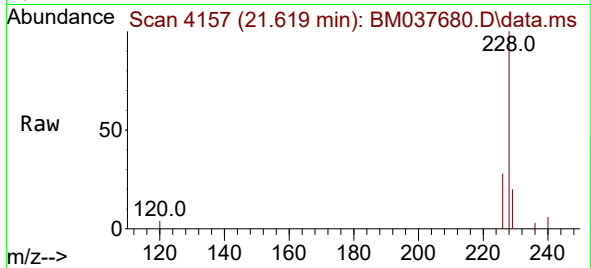




#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

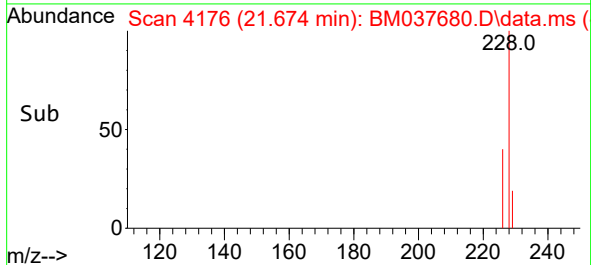
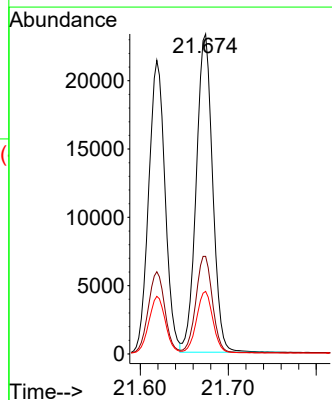
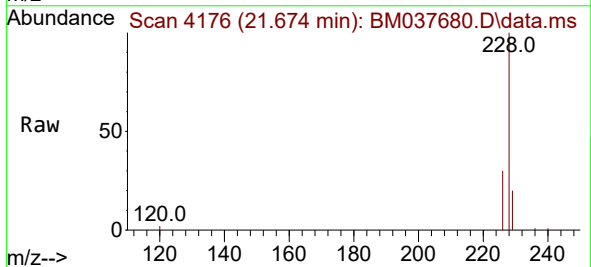
Instrument :
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SSTD0.4180

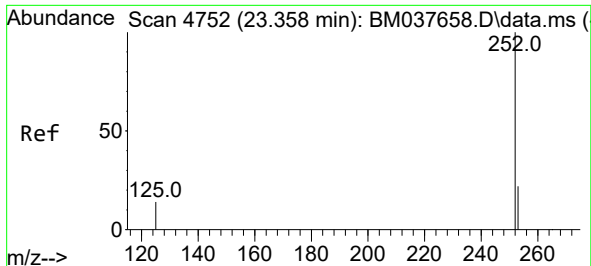
Tgt Ion:228 Resp: 27786
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 28.0 22.2 33.2



#22
Chrysene
Concen: 0.466 ng/ul
RT: 21.674 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

Tgt Ion:228 Resp: 30151
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.6 15.5 23.3

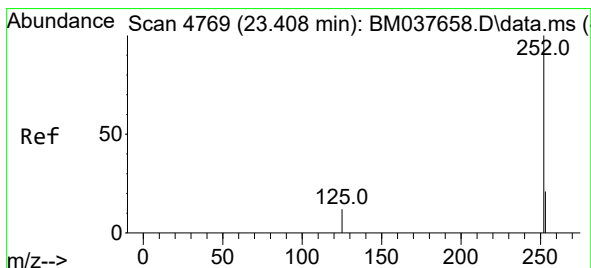
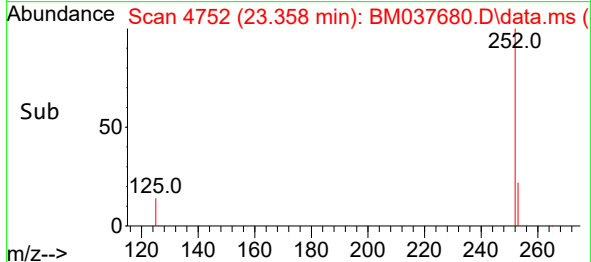
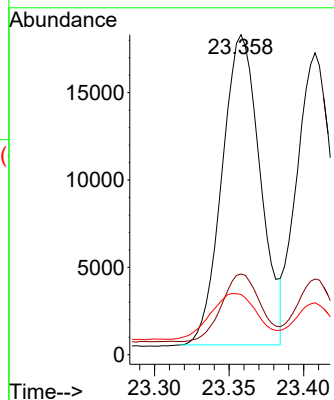
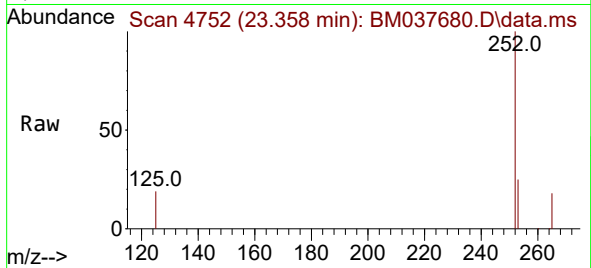




#24
Benzo(b)fluoranthene
Concen: 0.531 ng/ul
RT: 23.358 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

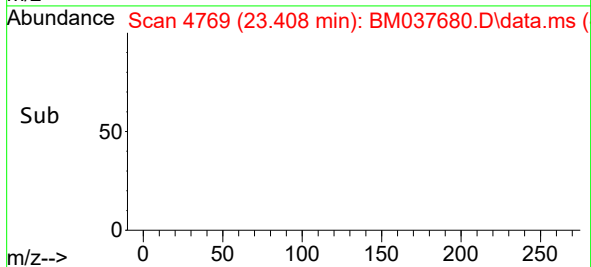
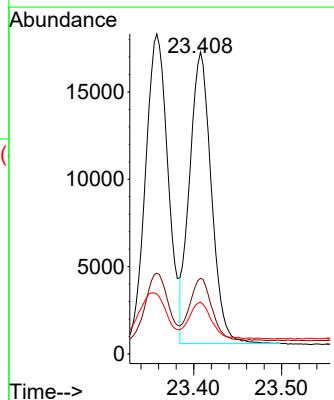
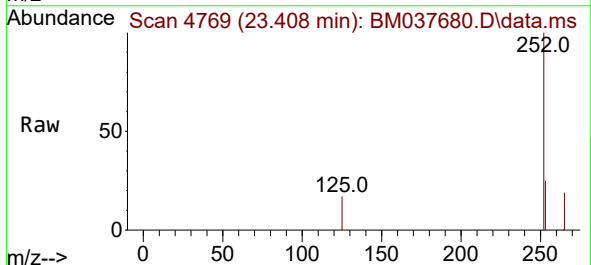
Instrument :
BNA_M
ClientSampleId :
SSTD0.4180

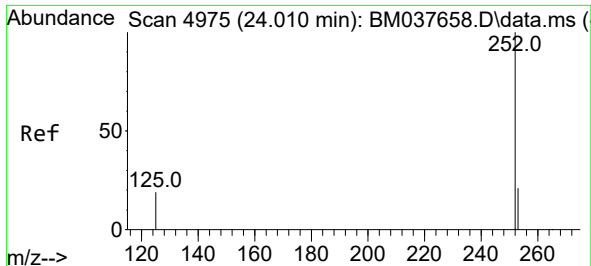
Tgt Ion:252 Resp: 31818
Ion Ratio Lower Upper
252 100
253 25.2 0.0 46.2
125 18.8 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.473 ng/ul
RT: 23.408 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

Tgt Ion:252 Resp: 28620
Ion Ratio Lower Upper
252 100
253 25.1 18.8 28.2
125 17.2 9.8 14.6#

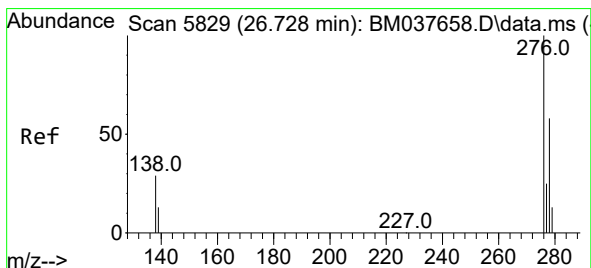
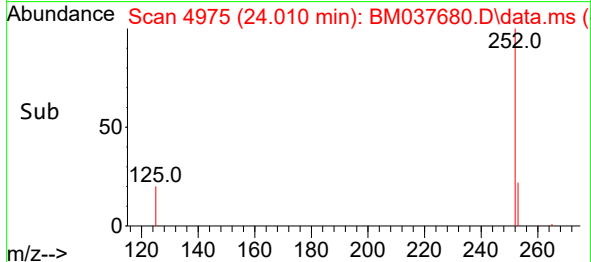
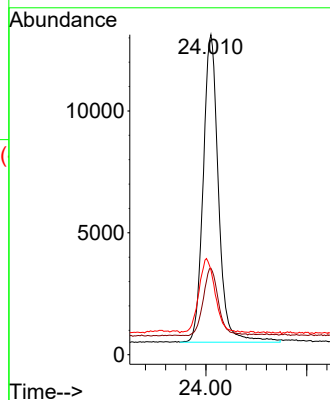
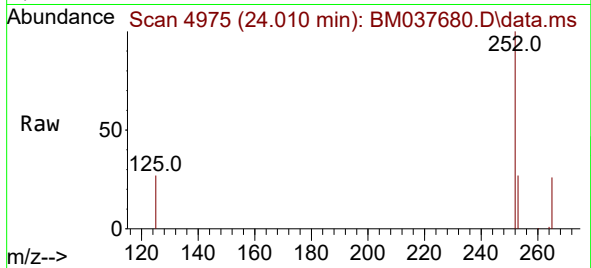




#26
Benzo(a)pyrene
Concen: 0.510 ng/ul
RT: 24.010 min Scan# 4975
Delta R.T. -0.003 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

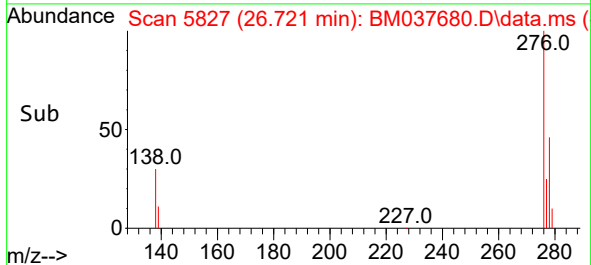
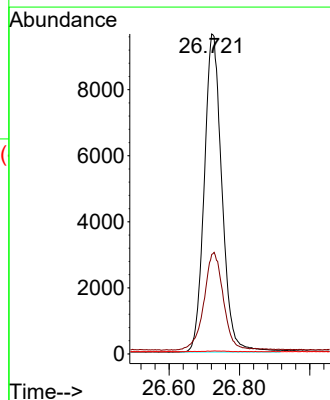
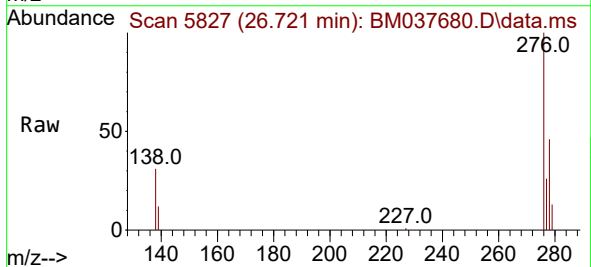
Instrument :
BNA_M
ClientSampleId :
SSTD0.4180

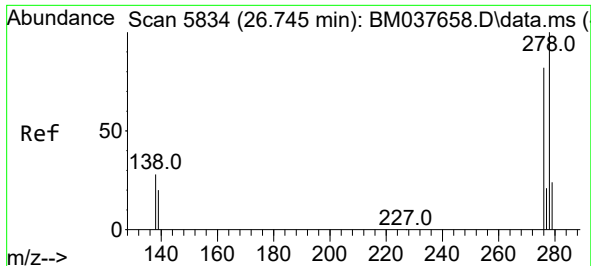
Tgt Ion:252 Resp: 26574
Ion Ratio Lower Upper
252 100
253 27.0 18.8 28.2
125 26.5 10.5 15.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.487 ng/ul
RT: 26.721 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

Tgt Ion:276 Resp: 33591
Ion Ratio Lower Upper
276 100
138 33.6 21.2 31.8#
227 0.2 0.1 0.1#

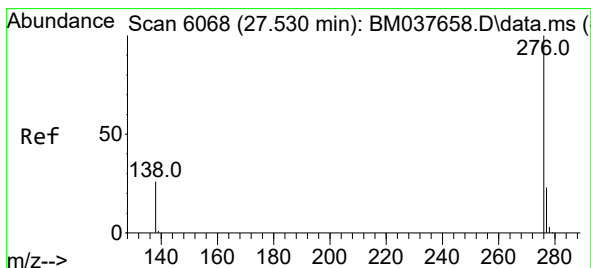
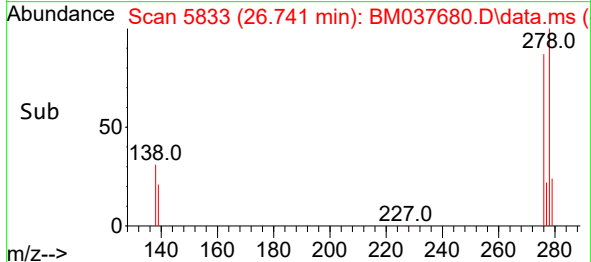
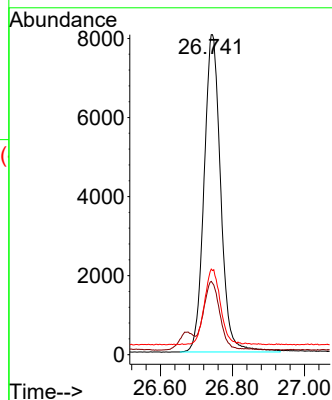
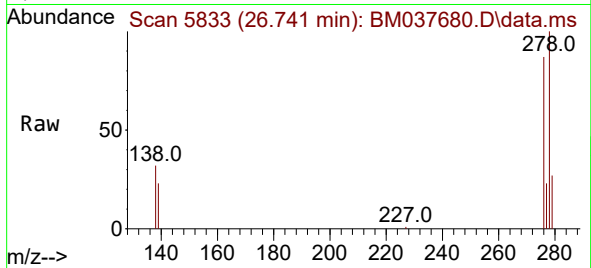




#28
Dibenzo(a,h)anthracene
Concen: 0.474 ng/ul
RT: 26.741 min Scan# 5834
Delta R.T. -0.007 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.4180

Tgt Ion:278 Resp: 25713
Ion Ratio Lower Upper
278 100
139 22.9 15.2 22.8#
279 26.8 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.468 ng/ul
RT: 27.526 min Scan# 6067
Delta R.T. -0.007 min
Lab File: BM037680.D
Acq: 23 Nov 2022 15:20

Tgt Ion:276 Resp: 27390
Ion Ratio Lower Upper
276 100
138 28.1 19.0 28.4
277 24.2 19.4 29.2

