

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037119.D
 Acq On : 17 Oct 2022 18:50
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4153

Quant Time: Oct 17 23:55:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

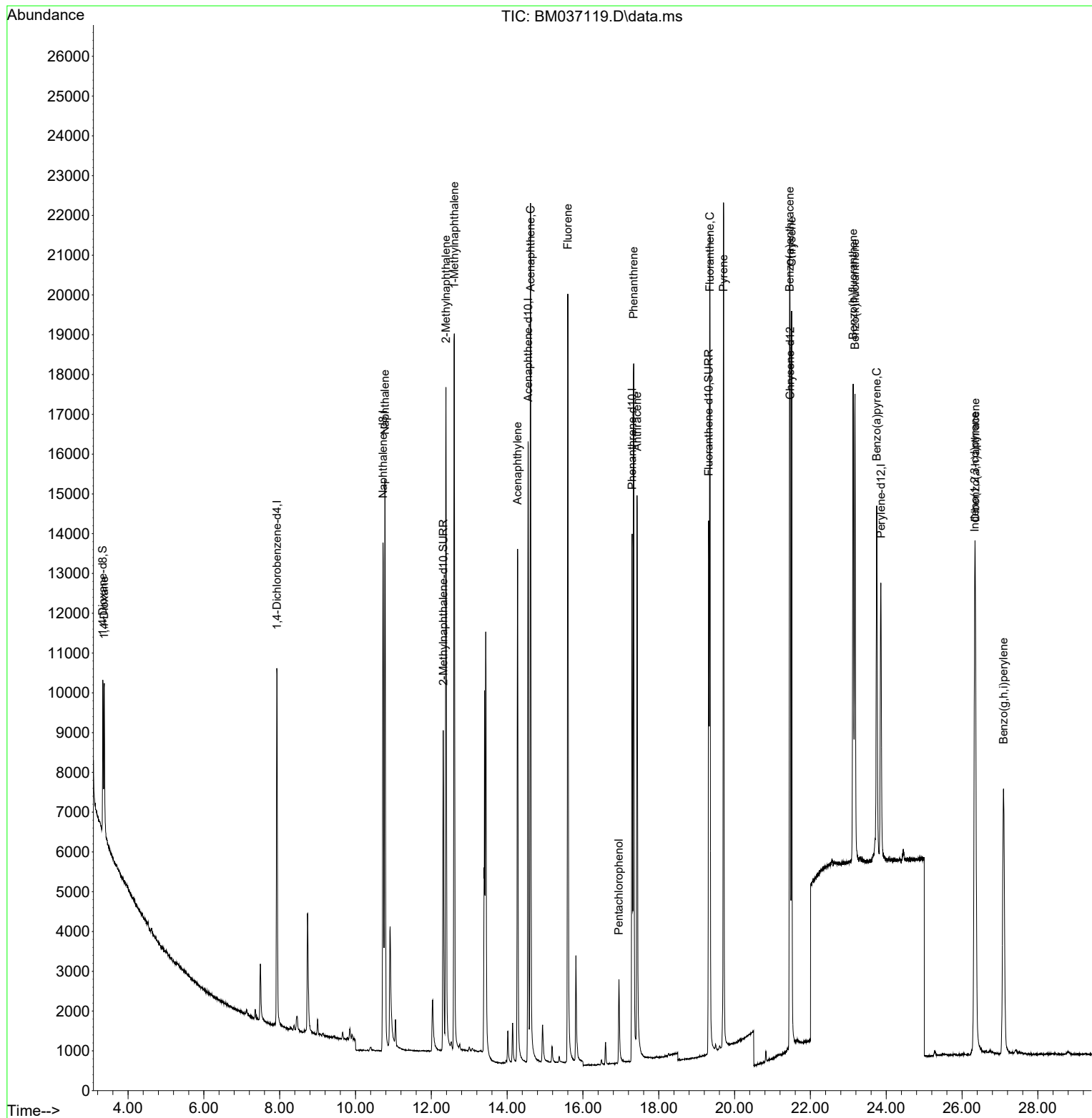
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4969	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	18201	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.556	164	9261	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	16519	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	11371	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	10041	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	2538	0.362	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	11283	0.410	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	15070	0.443	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.373	88	2537	0.370	ng/ul#	92
5) Naphthalene	10.776	128	20079	0.386	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	12697	0.399	ng/ul	93
8) 1-Methylnaphthalene	12.607	142	12827	0.397	ng/ul	100
10) Acenaphthylene	14.274	152	16438	0.427	ng/ul	99
11) Acenaphthene	14.617	153	13143	0.393	ng/ul	99
12) Fluorene	15.602	166	13863	0.366	ng/ul	100
14) Pentachlorophenol	16.950	266	1779	0.445	ng/ul	98
15) Phenanthrene	17.339	178	20009	0.379	ng/ul	99
16) Anthracene	17.427	178	17514	0.397	ng/ul	99
19) Fluoranthene	19.349	202	18408	0.407	ng/ul	99
20) Pyrene	19.707	202	18610	0.395	ng/ul	98
21) Benzo(a)anthracene	21.453	228	16229	0.395	ng/ul	99
22) Chrysene	21.506	228	16586	0.376	ng/ul	99
24) Benzo(b)fluoranthene	23.128	252	15922	0.355	ng/ul	95
25) Benzo(k)fluoranthene	23.174	252	15698	0.359	ng/ul	95
26) Benzo(a)pyrene	23.750	252	13654	0.375	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.333	276	16966	0.329	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.350	278	14368	0.345	ng/ul	92
29) Benzo(g,h,i)perylene	27.094	276	15634	0.344	ng/ul	99

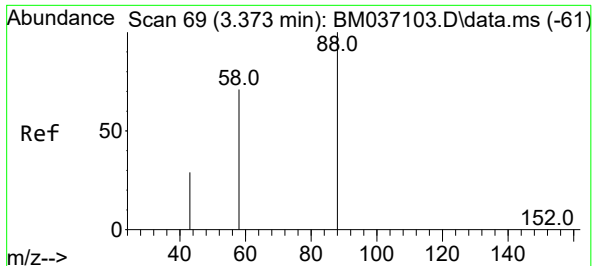
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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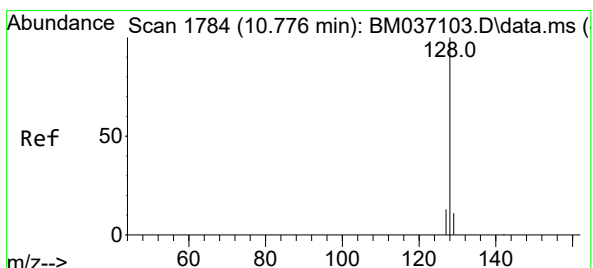
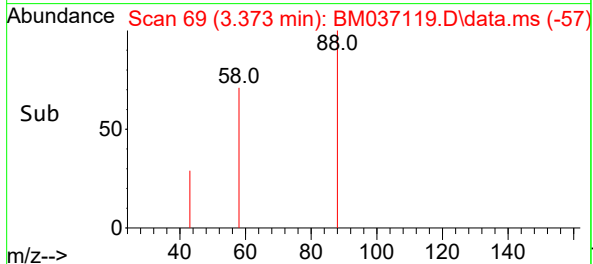
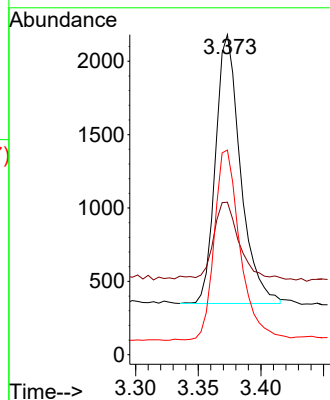
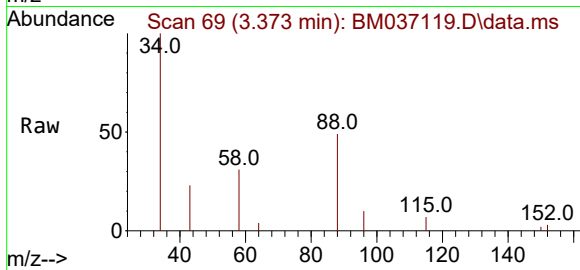




#2
1,4-Dioxane
Concen: 0.370 ng/ul
RT: 3.373 min Scan# 69
Delta R.T. -0.000 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

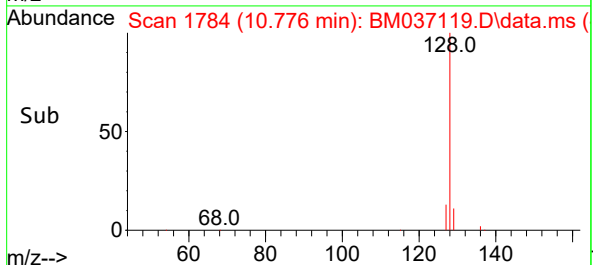
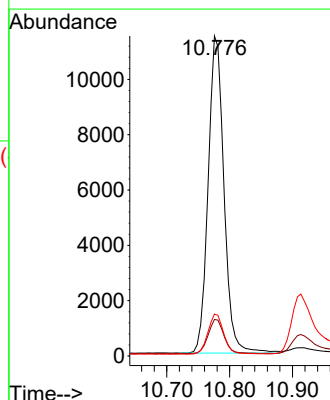
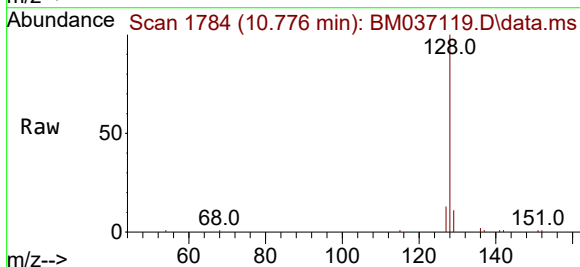
Instrument :
BNA_M
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SSTD0.4153

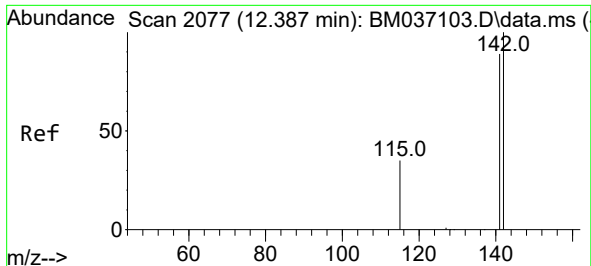
Tgt Ion: 88 Resp: 2537
Ion Ratio Lower Upper
88 100
43 47.7 37.8 56.6
58 64.0 42.6 63.8#



#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

Tgt Ion: 128 Resp: 20079
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.1 11.7 17.5

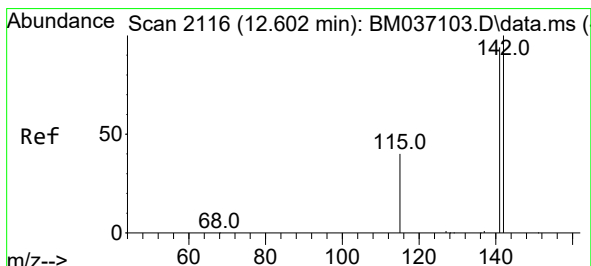
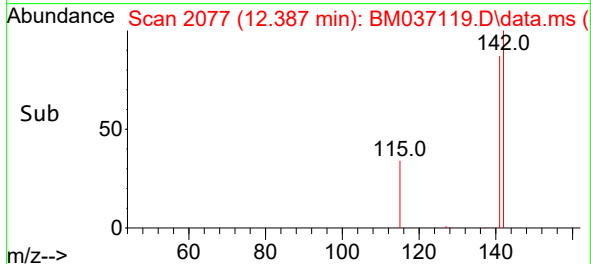
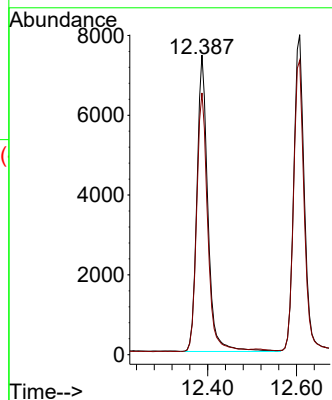
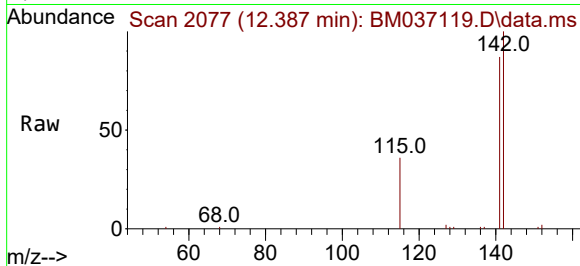




#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

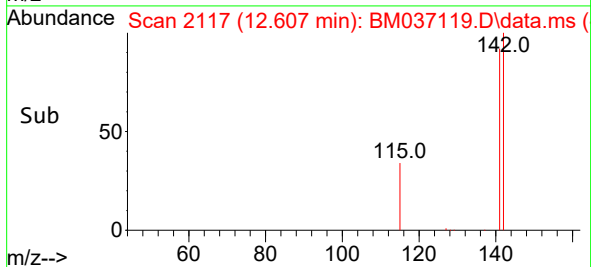
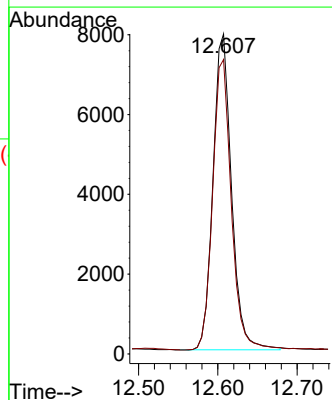
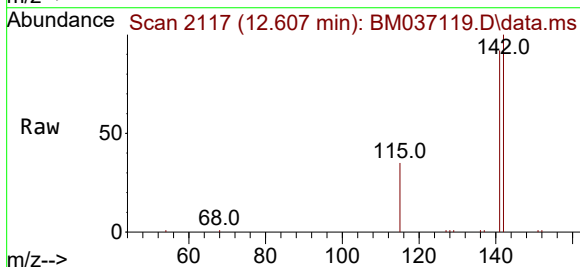
Instrument :
BNA_M
ClientSampleId :
SSTD0.4153

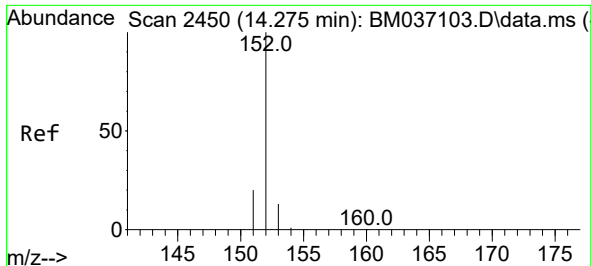
Tgt Ion:142 Resp: 12697
Ion Ratio Lower Upper
142 100
141 89.5 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

Tgt Ion:142 Resp: 12827
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

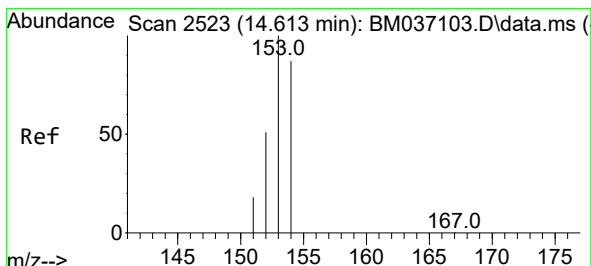
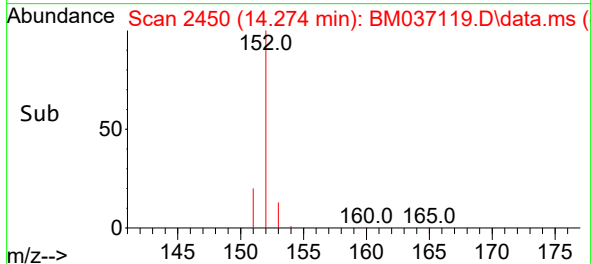
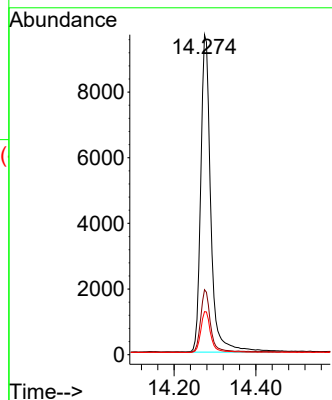
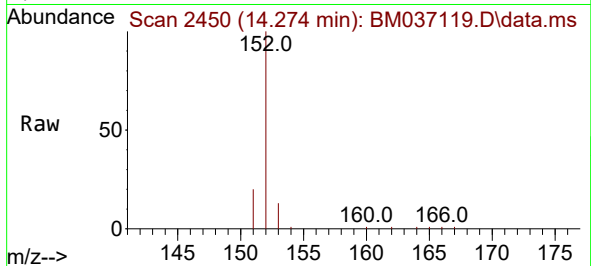




#10
Acenaphthylene
Concen: 0.427 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

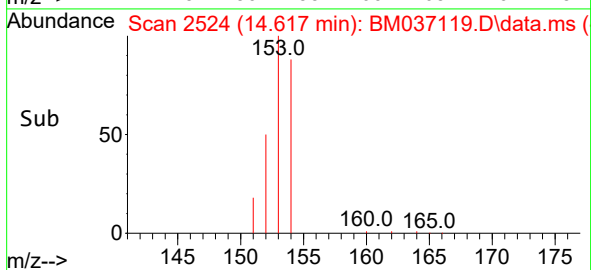
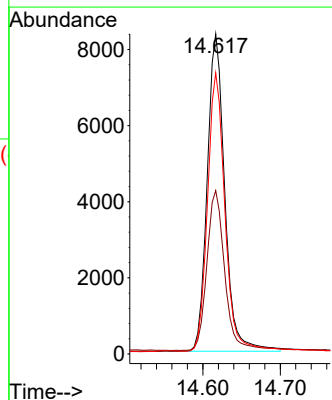
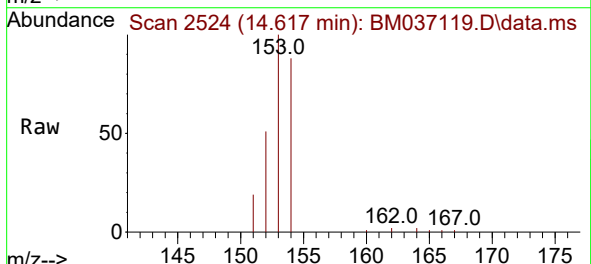
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ClientSampleId :
SSTD0.4153

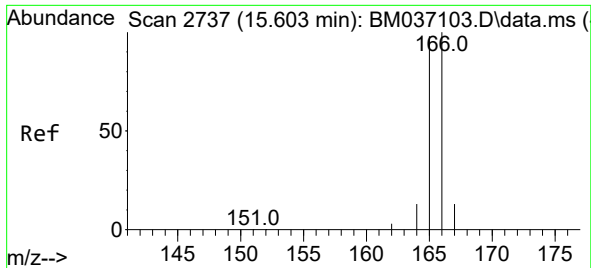
Tgt Ion:152 Resp: 16438
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 13.4 11.4 17.0



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

Tgt Ion:153 Resp: 13143
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 87.9 69.7 104.5

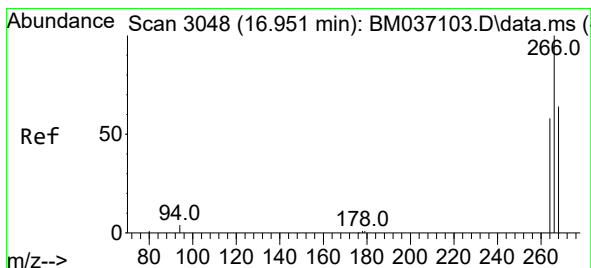
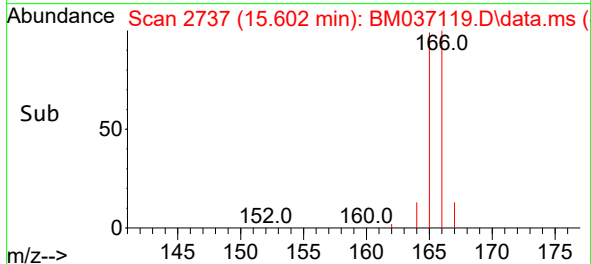
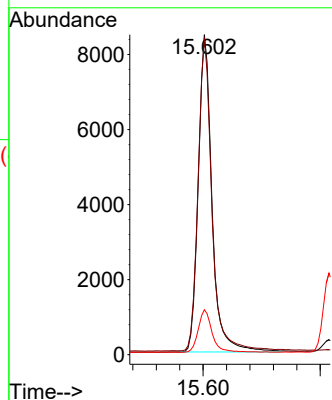
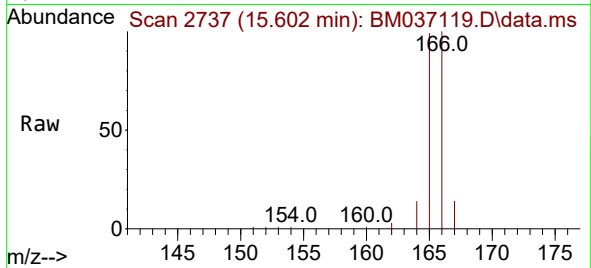




#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

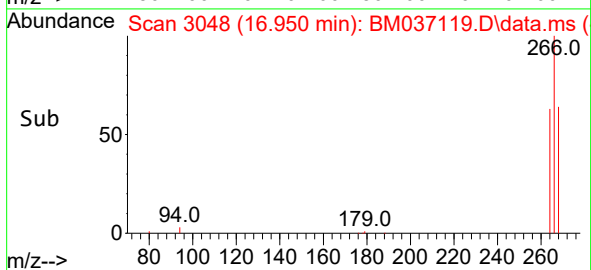
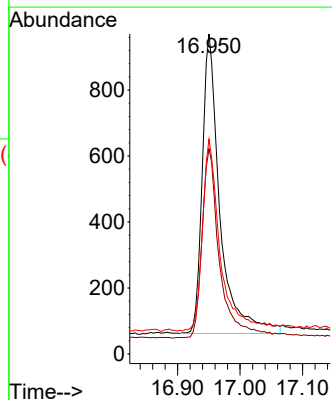
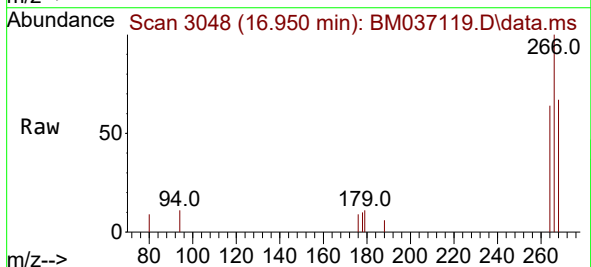
Instrument :
BNA_M
ClientSampleId :
SSTD0.4153

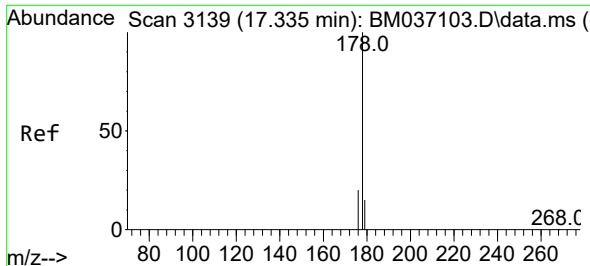
Tgt Ion:166 Resp: 13863
Ion Ratio Lower Upper
166 100
165 99.1 78.9 118.3
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.445 ng/ul
RT: 16.950 min Scan# 3048
Delta R.T. -0.000 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

Tgt Ion:266 Resp: 1779
Ion Ratio Lower Upper
266 100
264 63.5 50.3 75.5
268 64.8 53.5 80.3

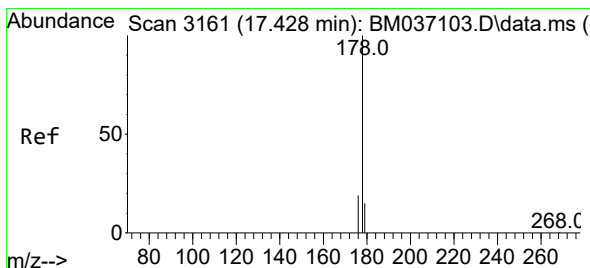
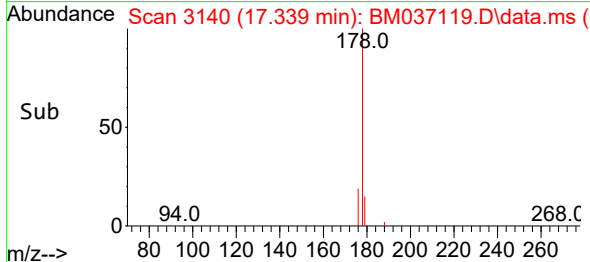
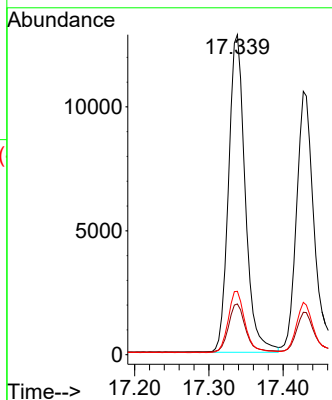
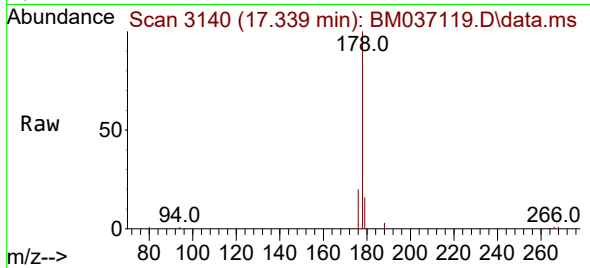




#15
Phenanthrene
Concen: 0.379 ng/ul
RT: 17.339 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

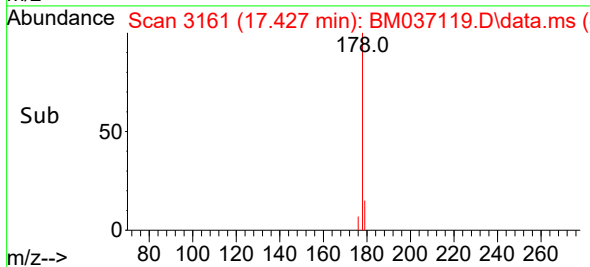
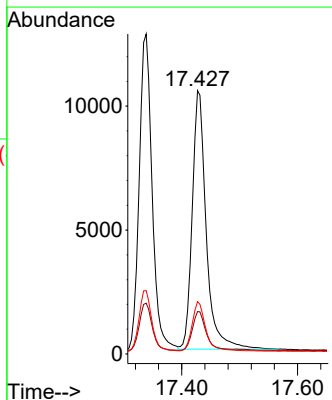
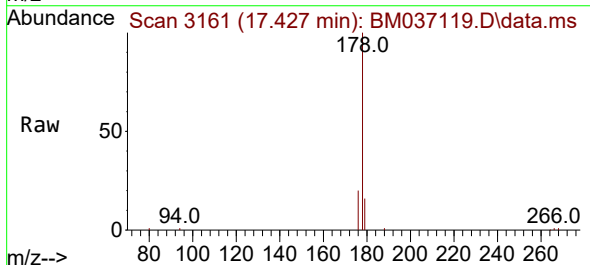
Instrument :
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ClientSampleId :
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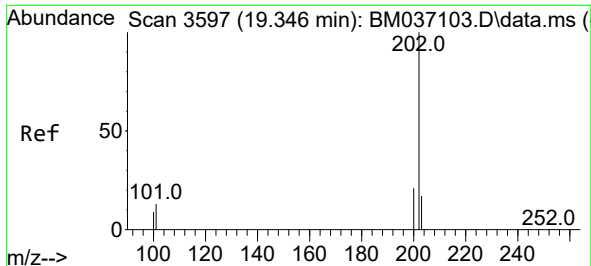
Tgt Ion:178 Resp: 20009
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.397 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

Tgt Ion:178 Resp: 17514
Ion Ratio Lower Upper
178 100
179 16.1 13.6 20.4
176 19.9 15.6 23.4

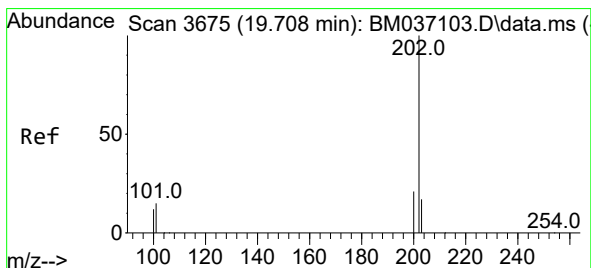
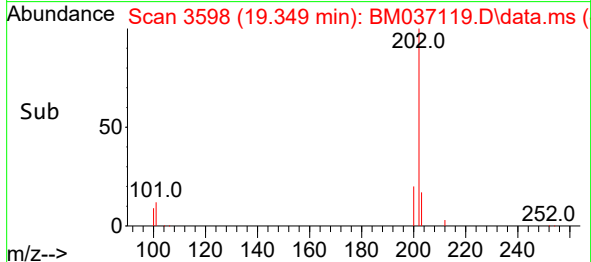
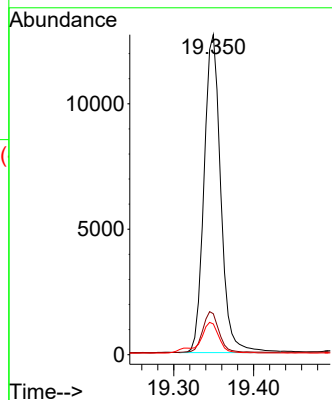
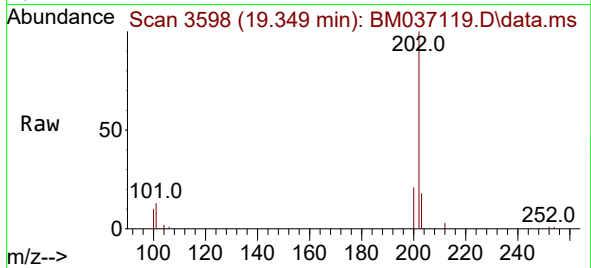




#19
Fluoranthene
Concen: 0.407 ng/ul
RT: 19.349 min Scan# 3597
Delta R.T. -0.000 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

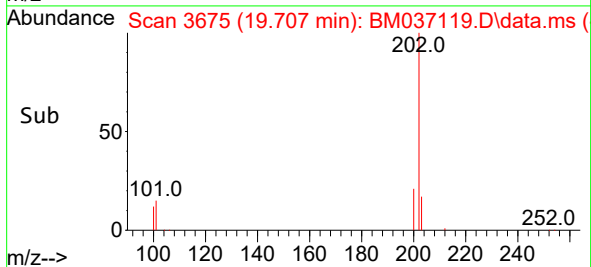
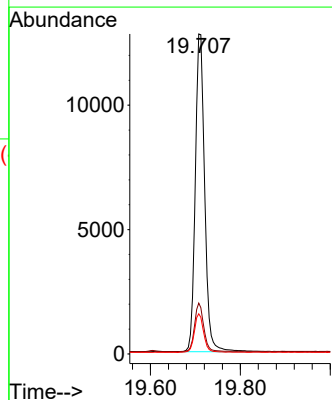
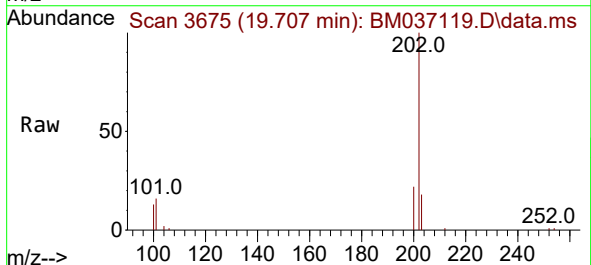
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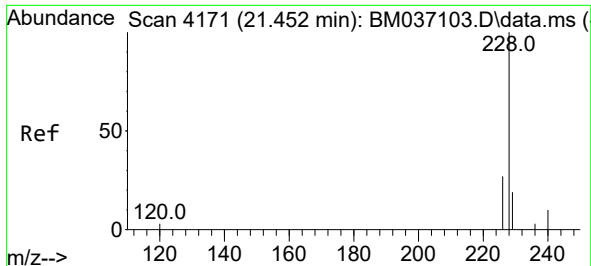
Tgt Ion:202 Resp: 18408
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 9.6 7.9 11.9



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.707 min Scan# 3675
Delta R.T. -0.000 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

Tgt Ion:202 Resp: 18610
Ion Ratio Lower Upper
202 100
101 15.9 12.0 18.0
100 12.6 9.8 14.6

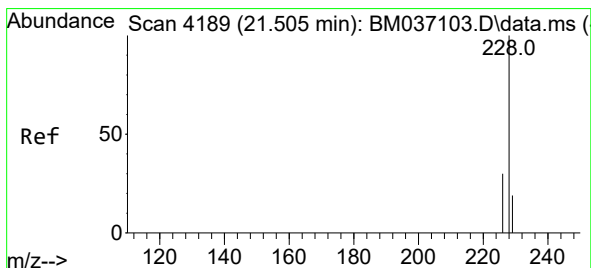
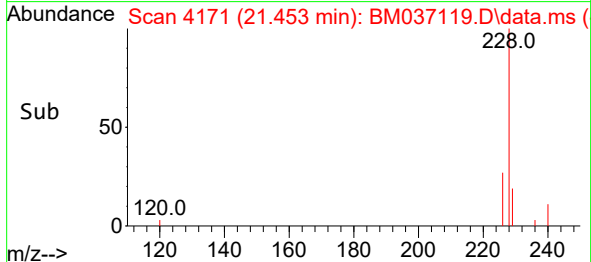
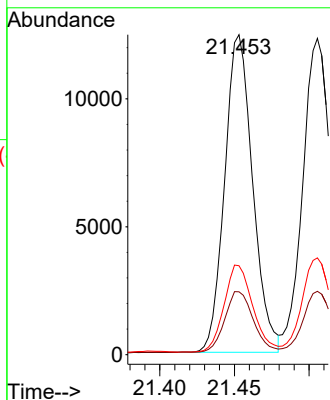
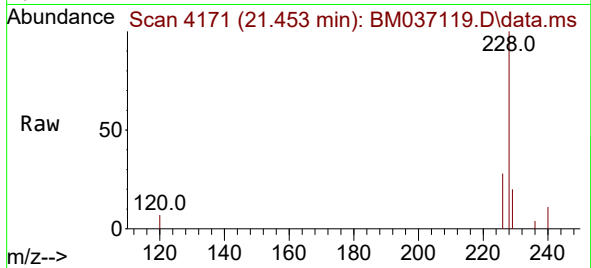




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.453 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

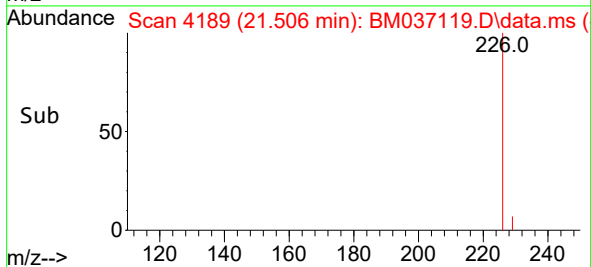
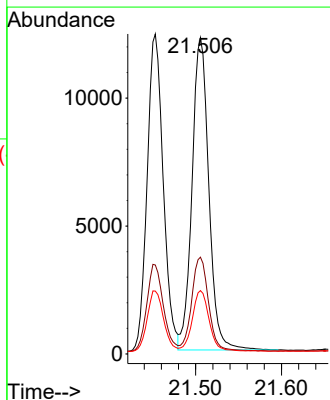
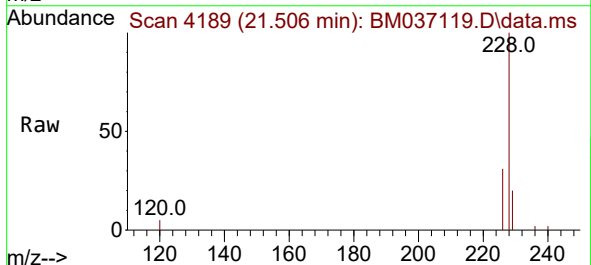
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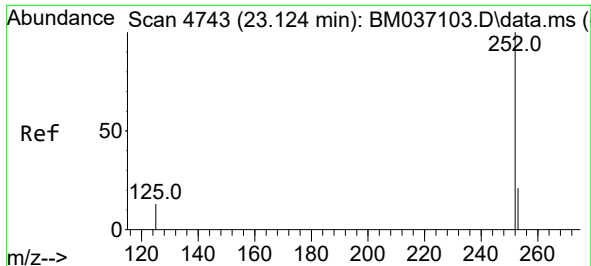
Tgt Ion:228 Resp: 16229
Ion Ratio Lower Upper
228 100
229 19.6 16.2 24.2
226 27.8 22.5 33.7



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

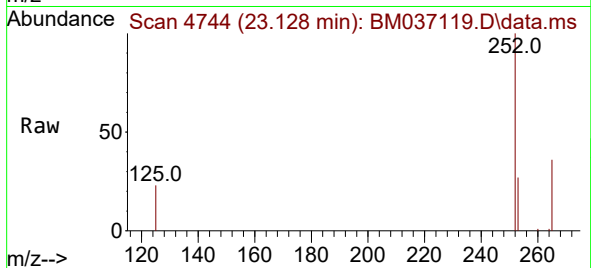
Tgt Ion:228 Resp: 16586
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 20.0 16.4 24.6



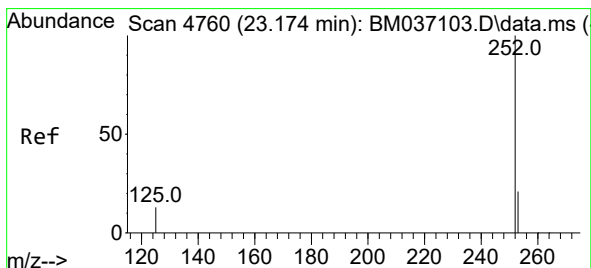
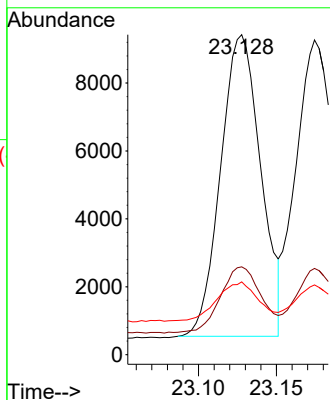


#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 23.128 min Scan# 4744
Delta R.T. 0.006 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.4153

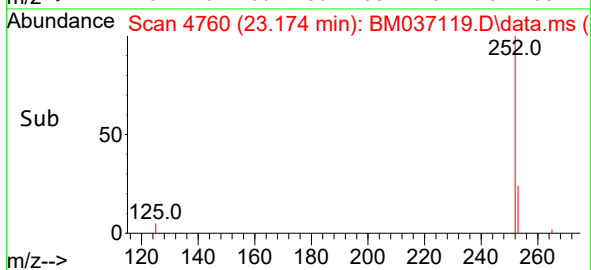
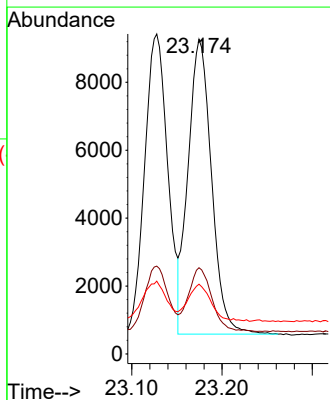
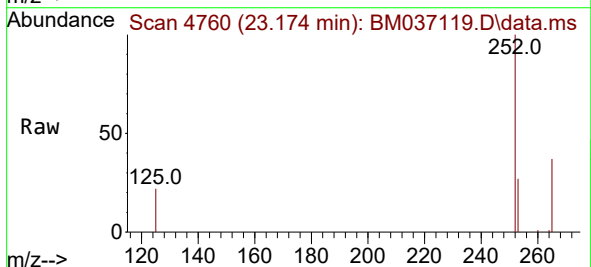


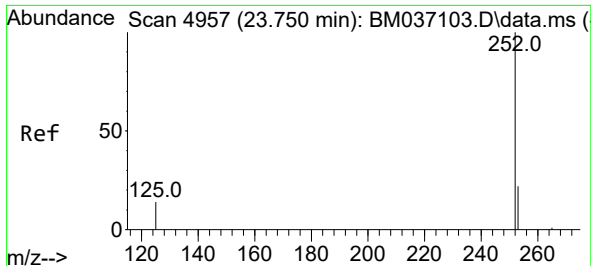
Tgt Ion:252 Resp: 15922
Ion Ratio Lower Upper
252 100
253 27.5 0.0 61.4
125 22.7 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 23.174 min Scan# 4760
Delta R.T. 0.006 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

Tgt Ion:252 Resp: 15698
Ion Ratio Lower Upper
252 100
253 27.4 25.2 37.8
125 22.2 18.3 27.5

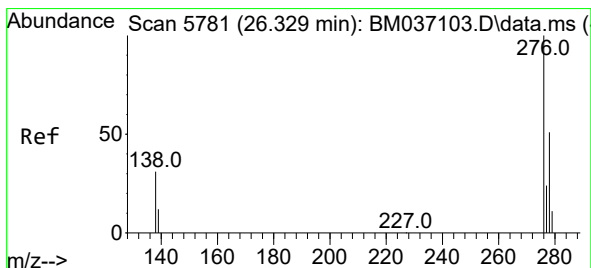
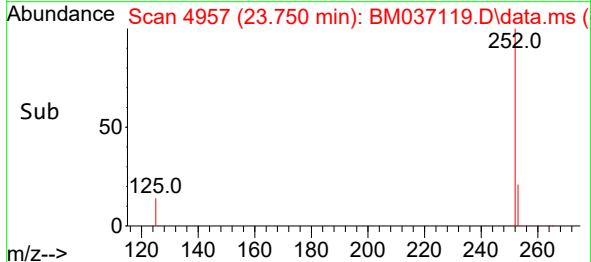
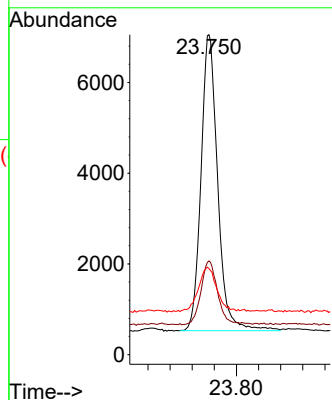
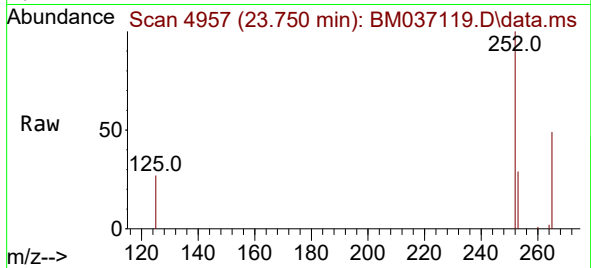




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. 0.006 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

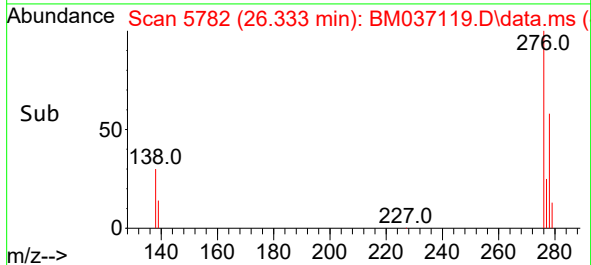
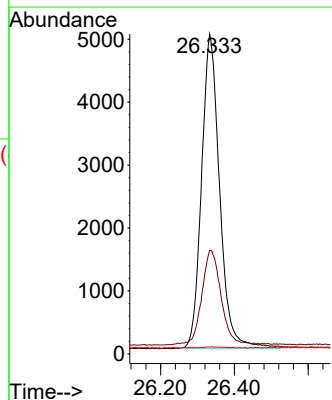
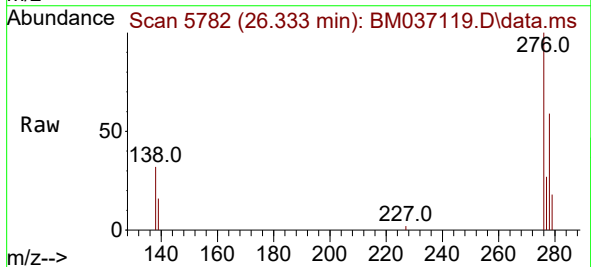
Instrument :
BNA_M
ClientSampleId :
SSTD0.4153

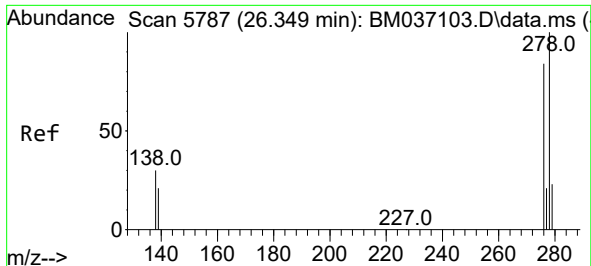
Tgt Ion:252 Resp: 13654
Ion Ratio Lower Upper
252 100
253 29.3 29.7 44.5#
125 26.9 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 26.333 min Scan# 5782
Delta R.T. 0.007 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

Tgt Ion:276 Resp: 16966
Ion Ratio Lower Upper
276 100
138 30.6 23.9 35.9
227 0.3 0.1 0.1#

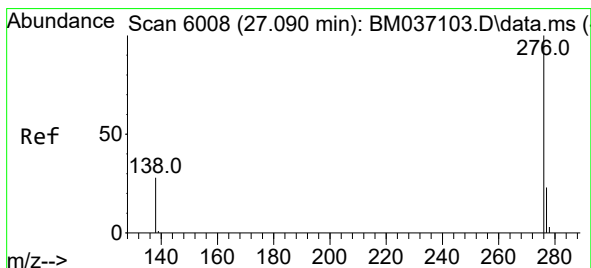
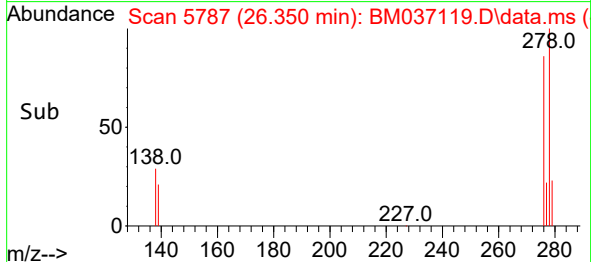
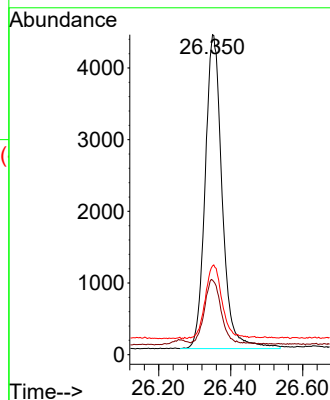
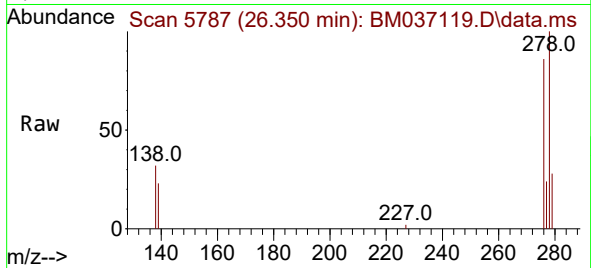




#28
Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.4153

Tgt Ion:278 Resp: 14368
Ion Ratio Lower Upper
278 100
139 23.3 19.8 29.6
279 27.7 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.344 ng/ul
RT: 27.094 min Scan# 6009
Delta R.T. 0.007 min
Lab File: BM037119.D
Acq: 17 Oct 2022 18:50

Tgt Ion:276 Resp: 15634
Ion Ratio Lower Upper
276 100
138 29.3 23.4 35.0
277 25.4 21.0 31.4

