

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036947.D
 Acq On : 11 Oct 2022 16:28
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4140

Quant Time: Oct 12 01:26:58 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 : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

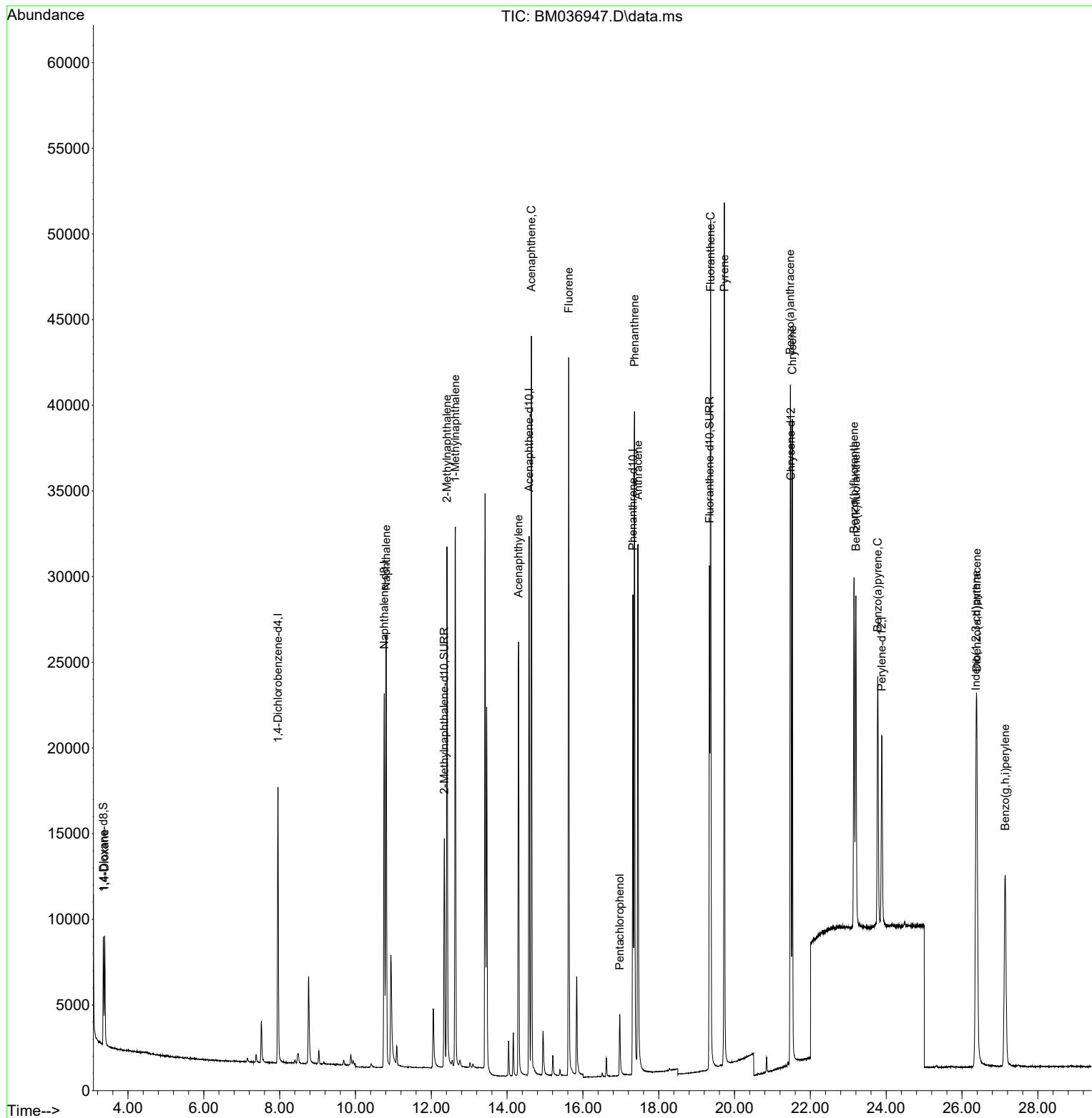
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8640	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	30803	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.580	164	17433	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	34288	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	20979	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	15914	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	4130	0.339	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	18761	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	33072	0.527	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	4133	0.347	ng/ul#	86
5) Naphthalene	10.809	128	34815	0.395	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	22126	0.411	ng/ul	91
8) 1-Methylnaphthalene	12.635	142	22396	0.409	ng/ul	99
10) Acenaphthylene	14.302	152	30044	0.415	ng/ul	98
11) Acenaphthene	14.640	153	24620	0.392	ng/ul	100
12) Fluorene	15.625	166	27338	0.384	ng/ul	100
14) Pentachlorophenol	16.971	266	2940	0.354	ng/ul	98
15) Phenanthrene	17.360	178	42317	0.387	ng/ul	99
16) Anthracene	17.453	178	37333	0.408	ng/ul	98
19) Fluoranthene	19.368	202	43456	0.521	ng/ul	98
20) Pyrene	19.731	202	43624	0.501	ng/ul	97
21) Benzo(a)anthracene	21.471	228	31652	0.418	ng/ul	100
22) Chrysene	21.523	228	31614	0.388	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	26841	0.378	ng/ul	96
25) Benzo(k)fluoranthene	23.201	252	26383	0.381	ng/ul	95
26) Benzo(a)pyrene	23.777	252	23003	0.399	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.370	276	30060	0.368	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.390	278	23998	0.363	ng/ul#	92
29) Benzo(g,h,i)perylene	27.138	276	25773	0.358	ng/ul	98

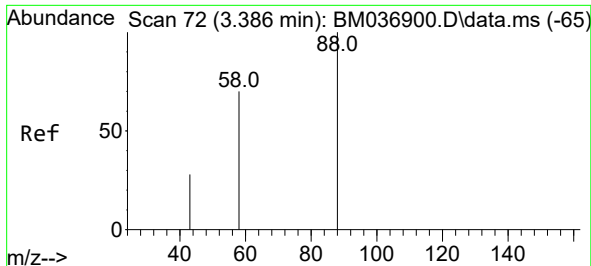
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
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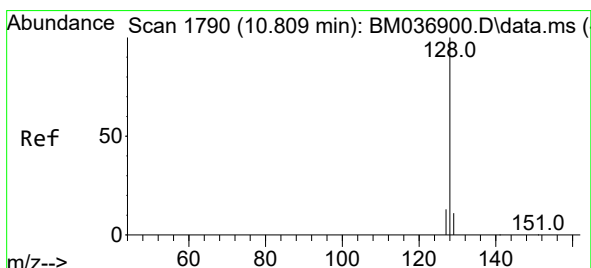
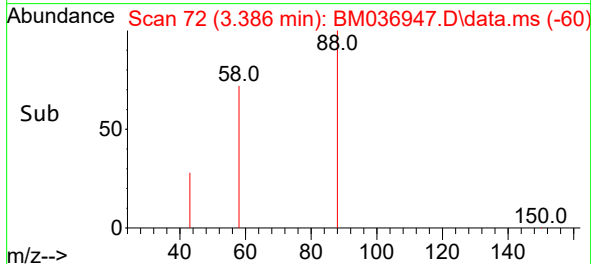
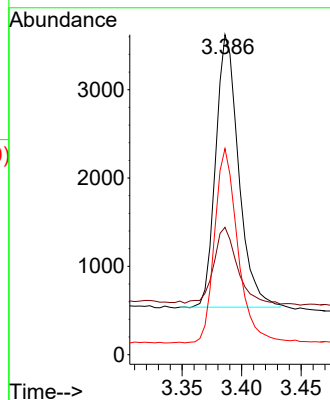
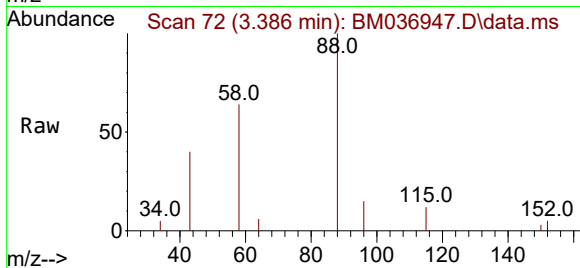




#2
1,4-Dioxane
Concen: 0.347 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

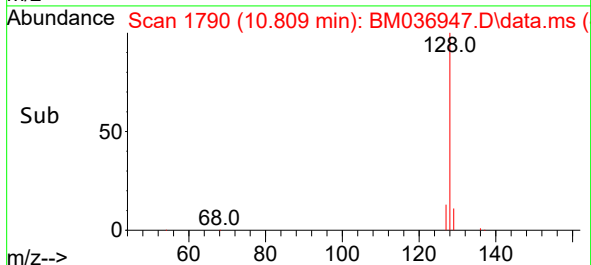
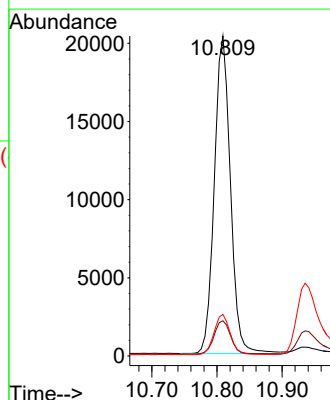
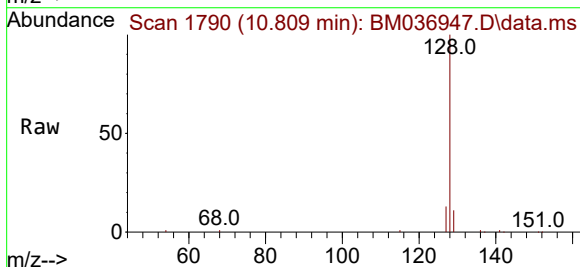
Instrument :
BNA_M
ClientSampleId :
SSTD0.4140

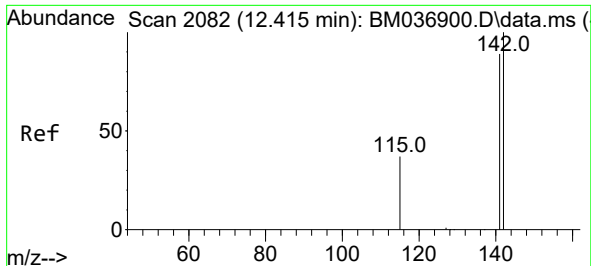
Tgt Ion: 88 Resp: 4133
Ion Ratio Lower Upper
88 100
43 39.8 37.8 56.6
58 64.4 42.6 63.8#



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

Tgt Ion: 128 Resp: 34815
Ion Ratio Lower Upper
128 100
129 11.0 10.2 15.2
127 13.0 11.7 17.5

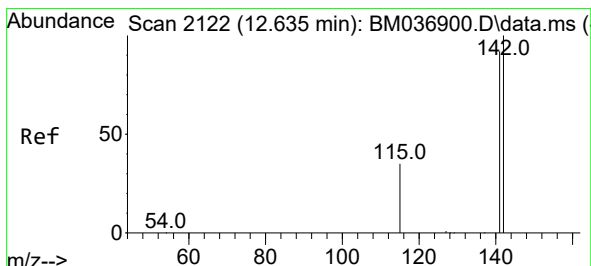
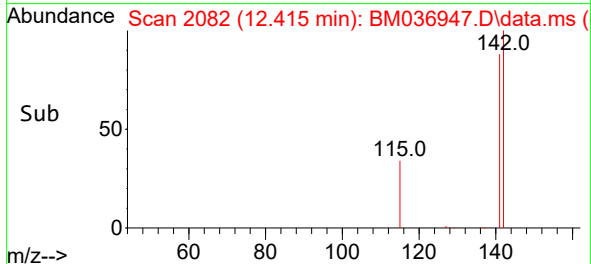
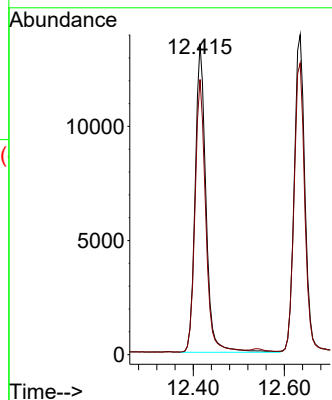
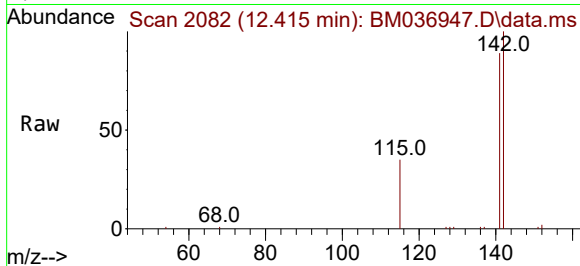




#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

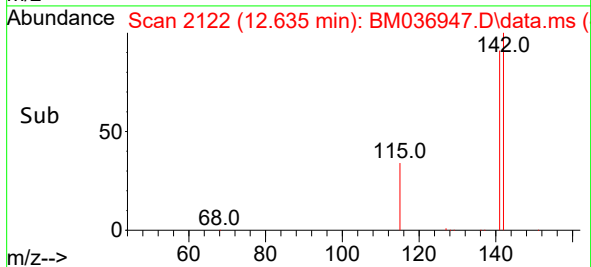
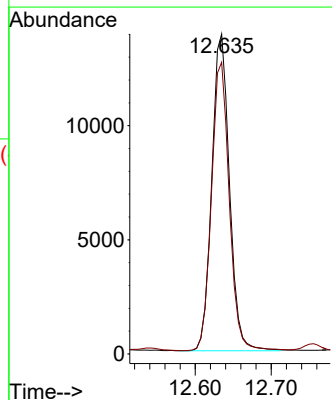
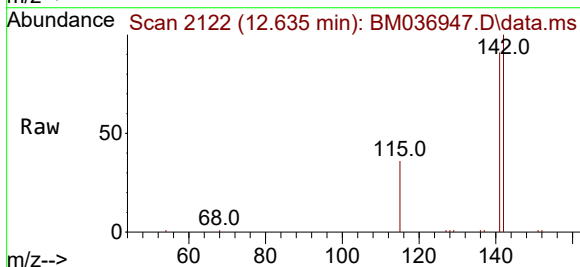
Instrument :
BNA_M
ClientSampleId :
SSTD0.4140

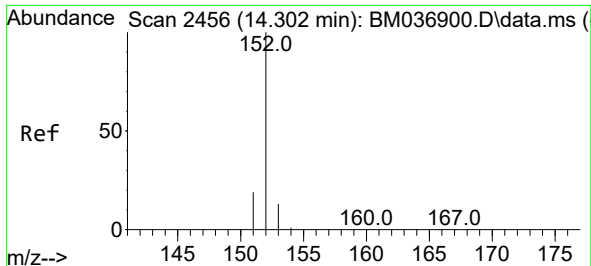
Tgt Ion:142 Resp: 22126
Ion Ratio Lower Upper
142 100
141 87.4 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.635 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

Tgt Ion:142 Resp: 22396
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1

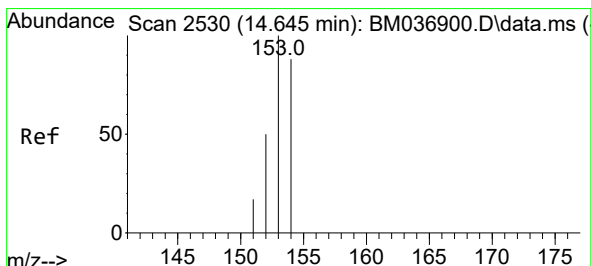
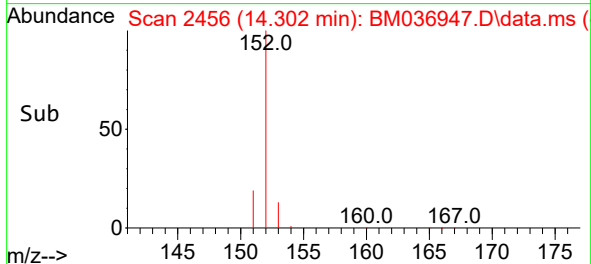
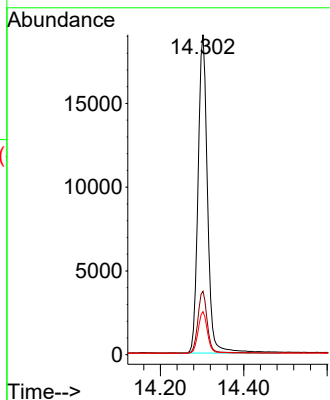
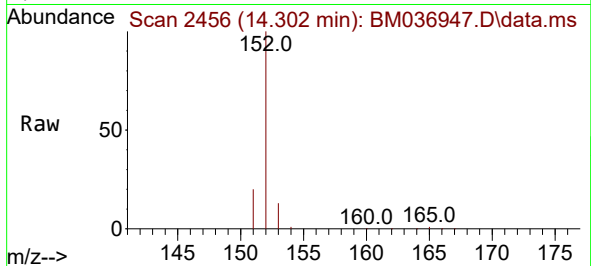




#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.005 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

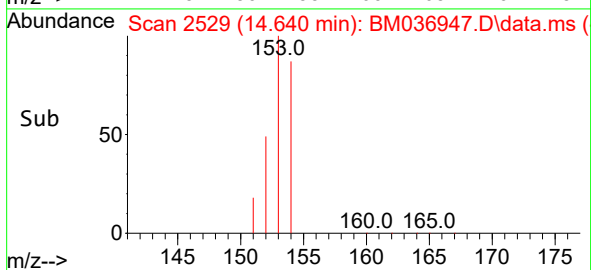
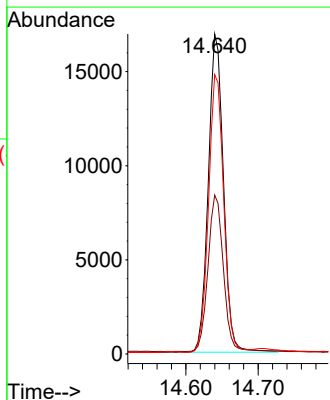
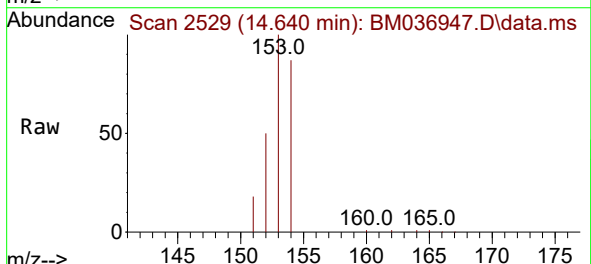
Instrument :
BNA_M
ClientSampleId :
SSTD0.4140

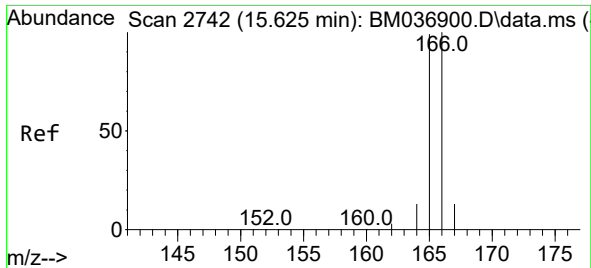
Tgt Ion:152 Resp: 30044
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 13.4 11.4 17.0



#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

Tgt Ion:153 Resp: 24620
Ion Ratio Lower Upper
153 100
152 49.6 40.2 60.4
154 87.3 69.7 104.5

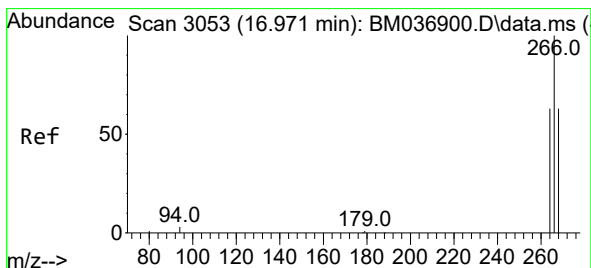
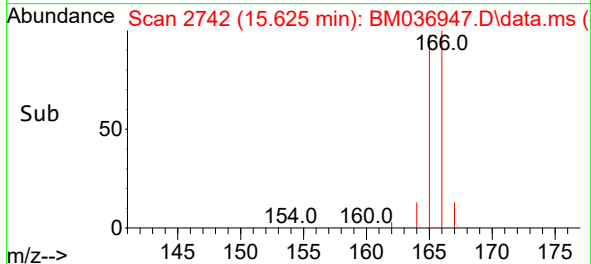
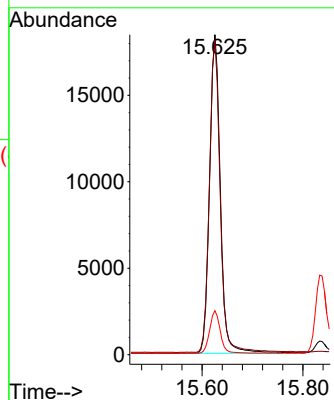
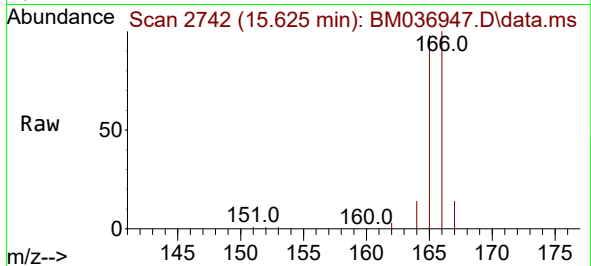




#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.625 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

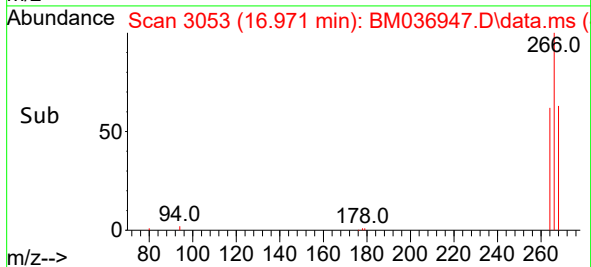
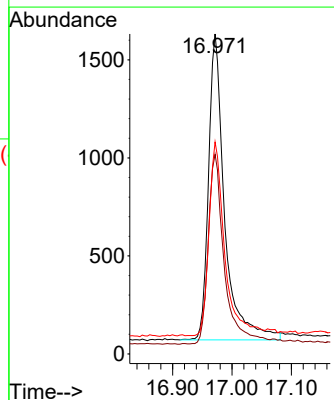
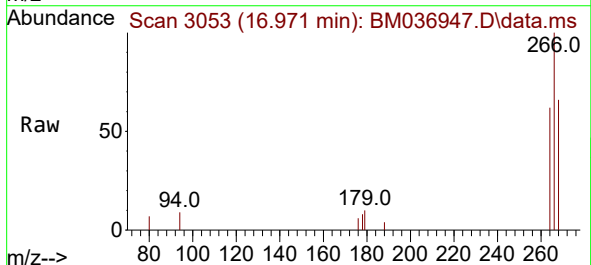
Instrument :
BNA_M
ClientSampleId :
SSTD0.4140

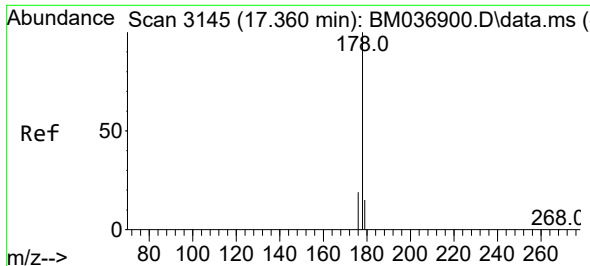
Tgt Ion:166 Resp: 27338
Ion Ratio Lower Upper
166 100
165 98.3 78.9 118.3
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.354 ng/ul
RT: 16.971 min Scan# 3053
Delta R.T. 0.004 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

Tgt Ion:266 Resp: 2940
Ion Ratio Lower Upper
266 100
264 62.8 50.3 75.5
268 63.4 53.5 80.3

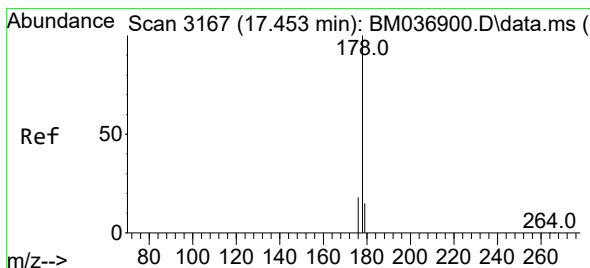
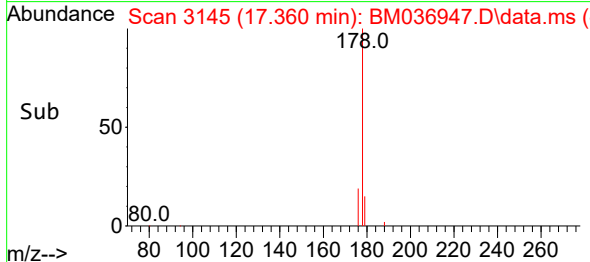
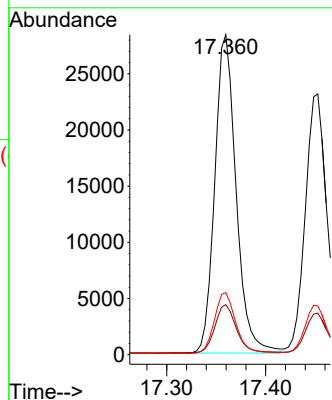
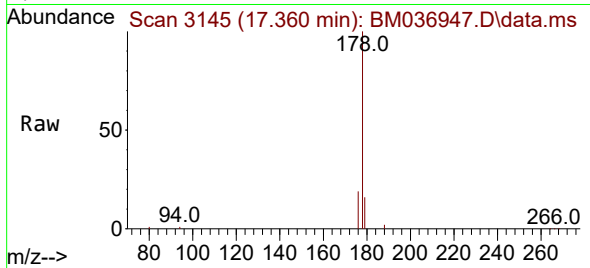




#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. 0.004 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

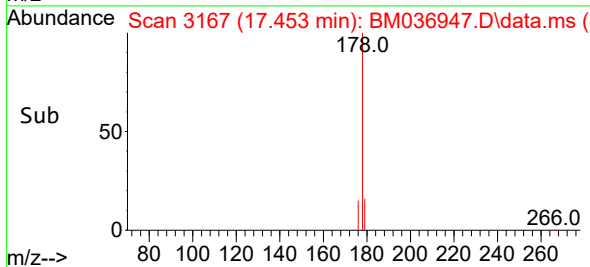
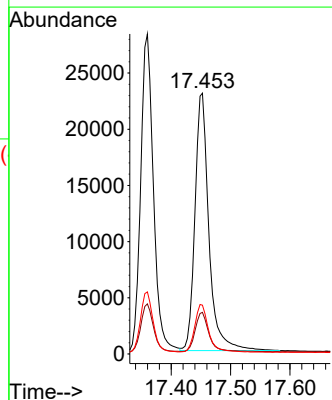
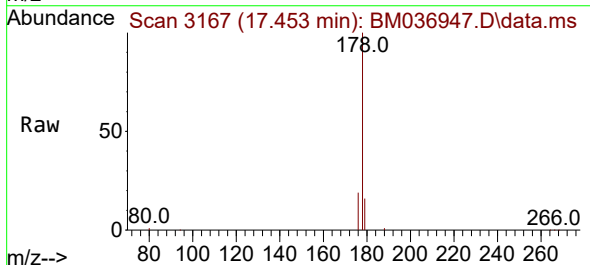
Instrument :
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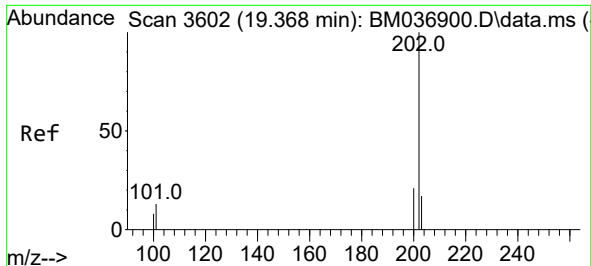
Tgt Ion:178 Resp: 42317
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.408 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. 0.004 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

Tgt Ion:178 Resp: 37333
Ion Ratio Lower Upper
178 100
179 15.9 13.6 20.4
176 18.7 15.6 23.4

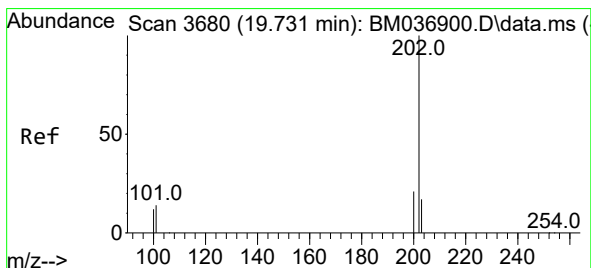
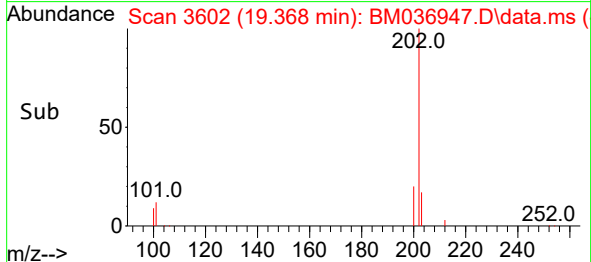
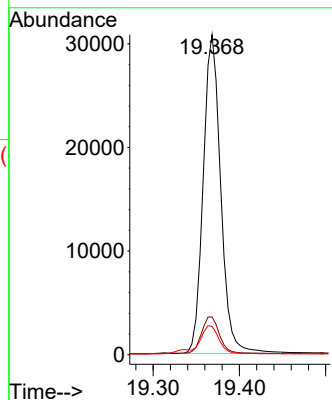
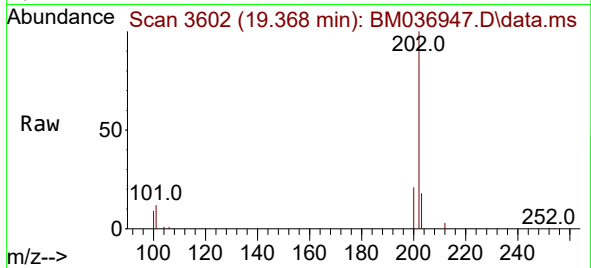




#19
Fluoranthene
Concen: 0.521 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. 0.005 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

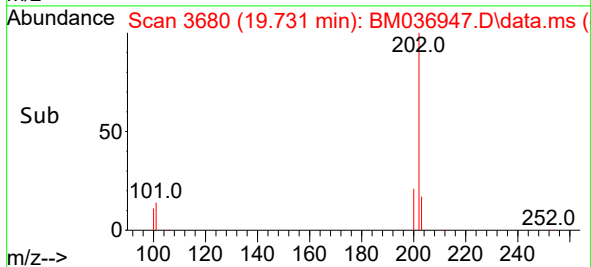
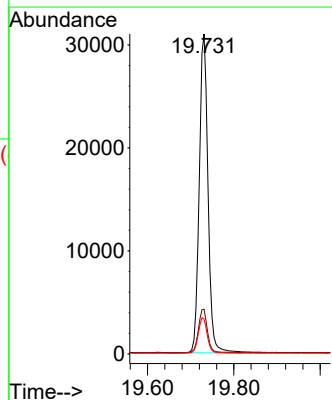
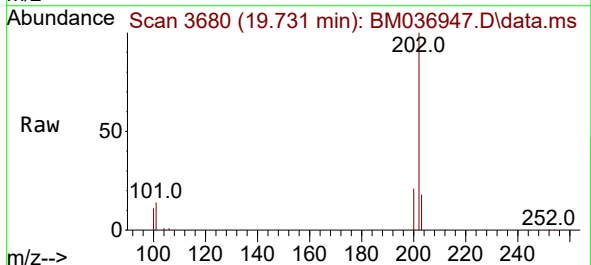
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SSTD0.4140

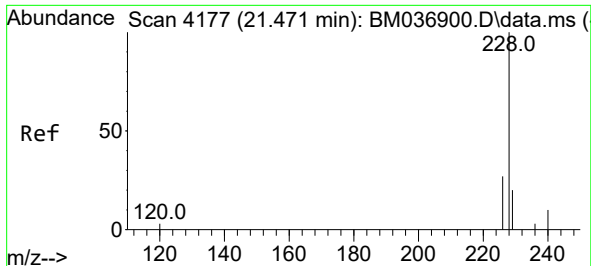
Tgt Ion:202 Resp: 43456
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.9 7.9 11.9



#20
Pyrene
Concen: 0.501 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. 0.005 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

Tgt Ion:202 Resp: 43624
Ion Ratio Lower Upper
202 100
101 14.0 12.0 18.0
100 11.0 9.8 14.6

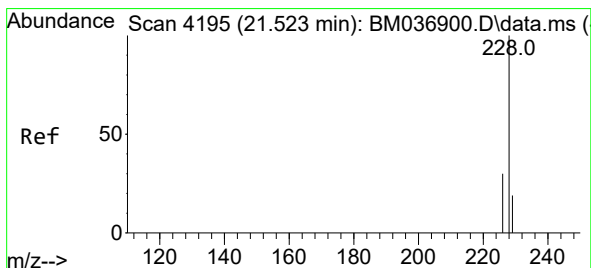
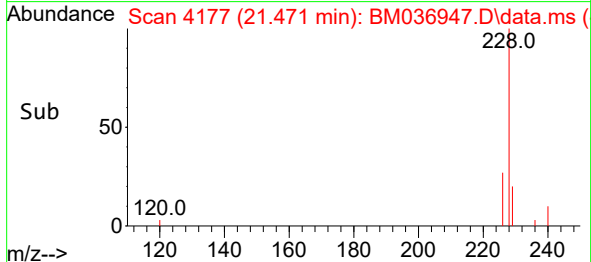
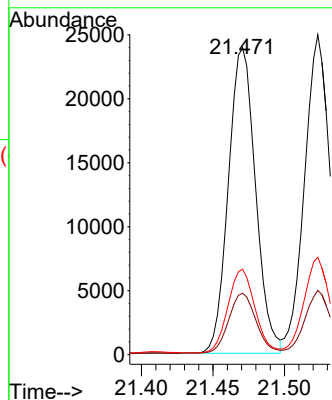
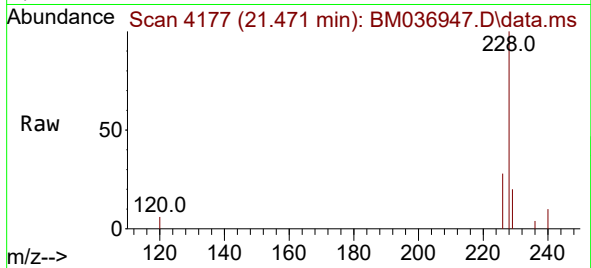




#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

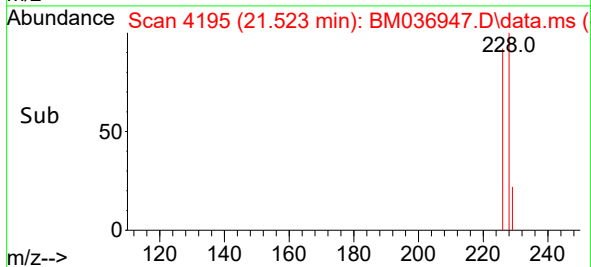
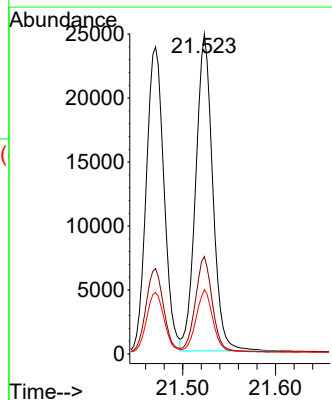
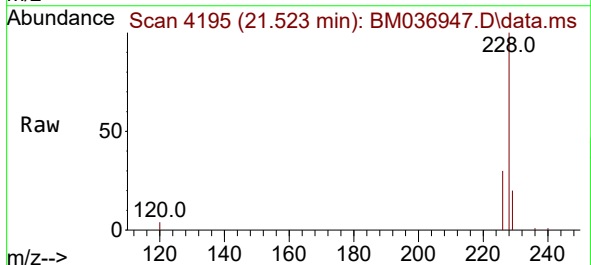
Instrument :
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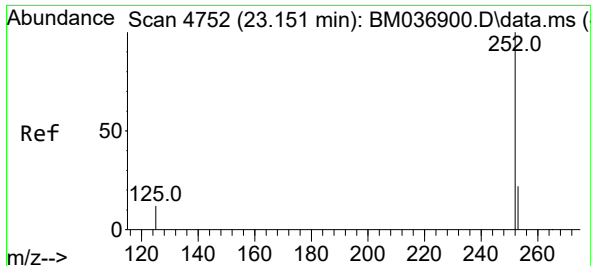
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Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.9 22.5 33.7



#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. 0.003 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

Tgt Ion:228 Resp: 31614
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.1 16.4 24.6

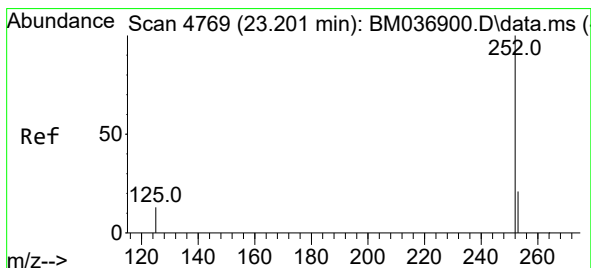
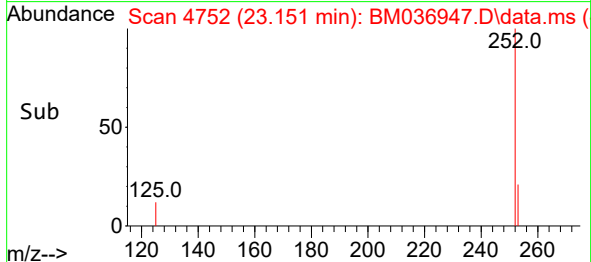
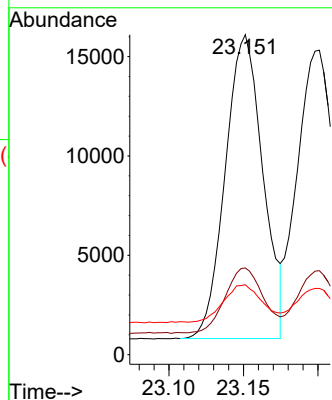
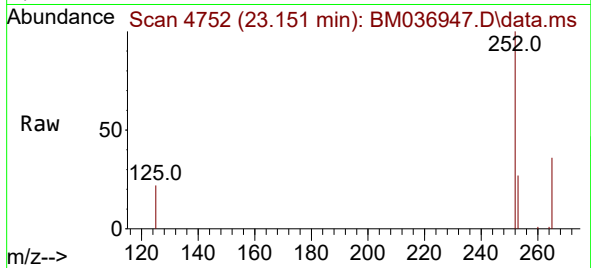




#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. 0.006 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

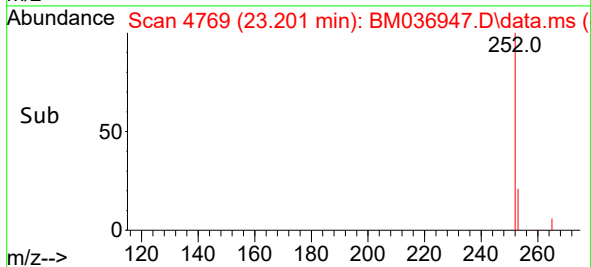
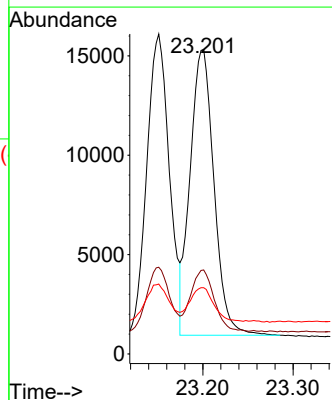
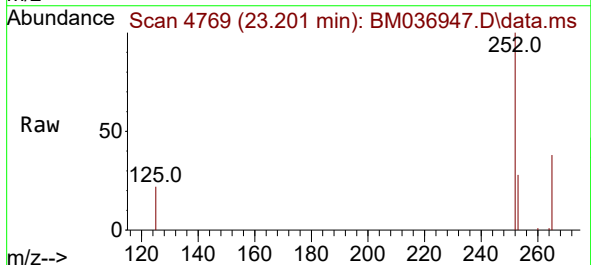
Instrument :
BNA_M
ClientSampleId :
SSTD0.4140

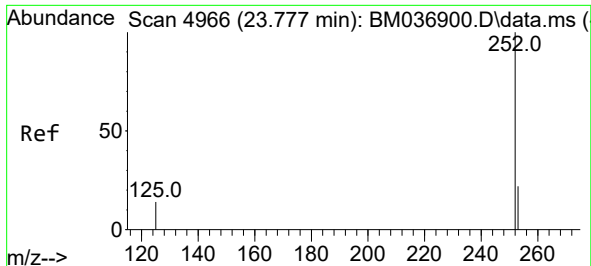
Tgt Ion:252 Resp: 26841
Ion Ratio Lower Upper
252 100
253 27.1 0.0 61.4
125 21.8 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.201 min Scan# 4769
Delta R.T. 0.006 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

Tgt Ion:252 Resp: 26383
Ion Ratio Lower Upper
252 100
253 27.6 25.2 37.8
125 21.8 18.3 27.5

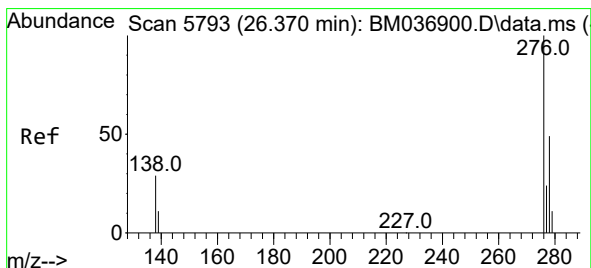
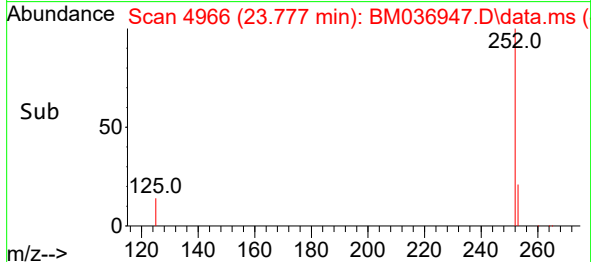
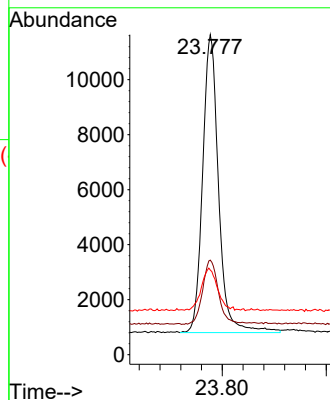
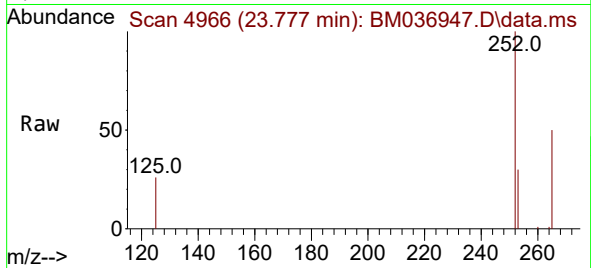




#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.006 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

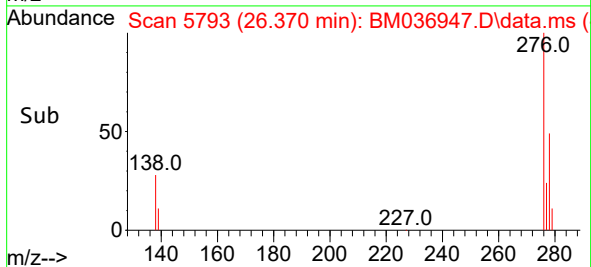
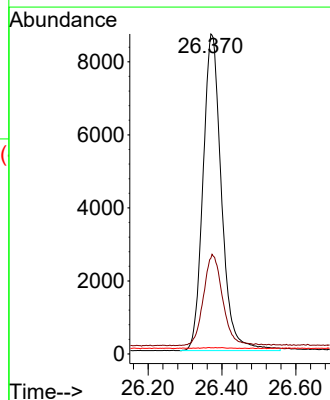
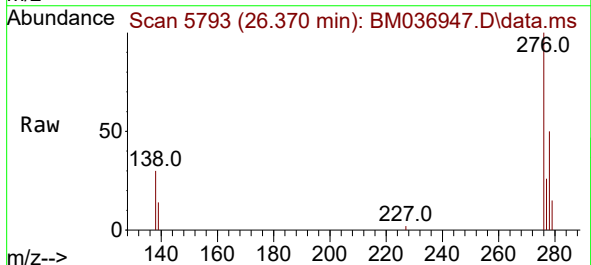
Instrument :
BNA_M
ClientSampleId :
SSTD0.4140

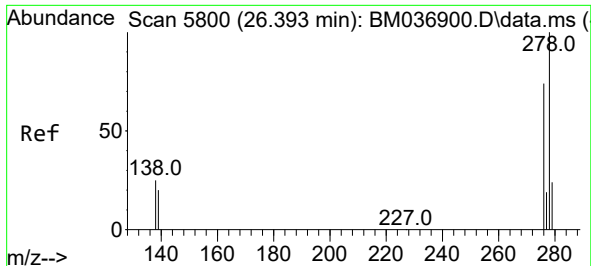
Tgt Ion:252 Resp: 23003
Ion Ratio Lower Upper
252 100
253 29.6 29.7 44.5#
125 26.5 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.370 min Scan# 5793
Delta R.T. 0.007 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

Tgt Ion:276 Resp: 30060
Ion Ratio Lower Upper
276 100
138 29.6 23.9 35.9
227 0.2 0.1 0.1#

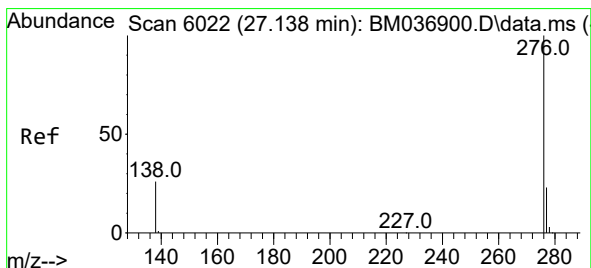
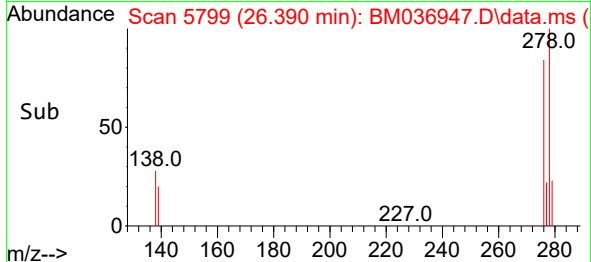
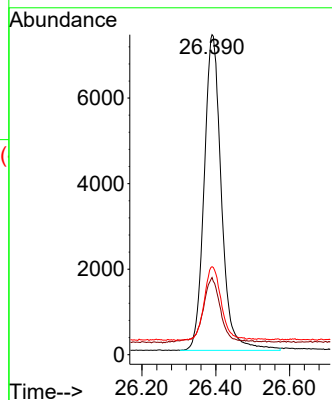
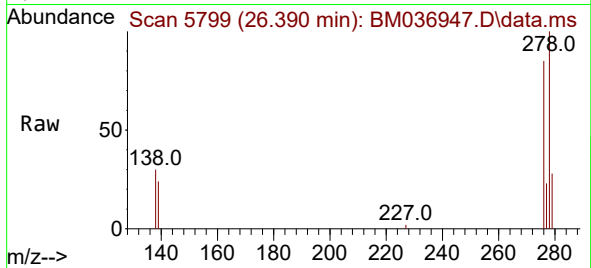




#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 26.390 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

Instrument :
BNA_M
ClientSampleId :
SSTD0.4140

Tgt Ion:278 Resp: 23998
Ion Ratio Lower Upper
278 100
139 24.1 19.8 29.6
279 27.5 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 27.138 min Scan# 6022
Delta R.T. 0.010 min
Lab File: BM036947.D
Acq: 11 Oct 2022 16:28

Tgt Ion:276 Resp: 25773
Ion Ratio Lower Upper
276 100
138 28.5 23.4 35.0
277 25.1 21.0 31.4

