

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034619.D
 Acq On : 12 Apr 2022 13:18
 Operator : CG/JU
 Sample : SSTD0.424
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4024

Quant Time: Apr 12 15:03:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 14:58:22 2022
 Response via : Initial Calibration

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

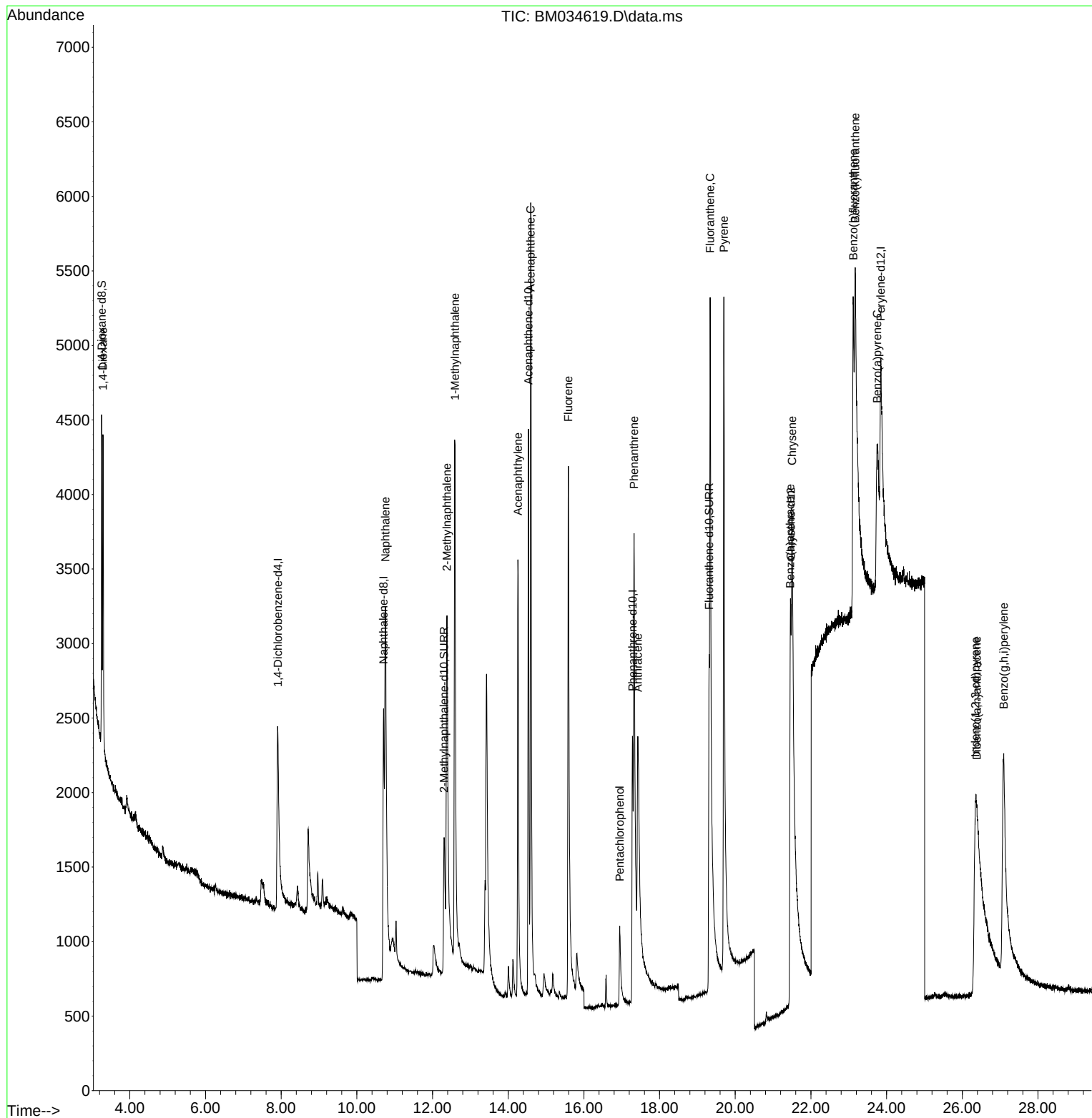
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.914	152	1547	0.400	ng/ul	0.00
4) Naphthalene-d8	10.705	136	4922	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.534	164	2535	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	3868	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	3586	0.400	ng/ul #	0.00
23) Perylene-d12	23.844	264	2893	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1259	0.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	2705	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.308	212	4479	0.426	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	1205	0.466	ng/ul#	71
5) Naphthalene	10.754	128	5826	0.379	ng/ul	93
7) 2-Methylnaphthalene	12.382	142	3518	0.419	ng/ul	99
8) 1-Methylnaphthalene	12.591	142	3515	0.416	ng/ul	98
10) Acenaphthylene	14.256	152	4938	0.421	ng/ul	93
11) Acenaphthene	14.594	153	3956	0.417	ng/ul	96
12) Fluorene	15.589	166	4013	0.410	ng/ul	98
14) Pentachlorophenol	16.946	266	657	0.401	ng/ul	98
15) Phenanthrene	17.326	178	5212	0.415	ng/ul	98
16) Anthracene	17.423	178	4126	0.433	ng/ul	100
19) Fluoranthene	19.336	202	6352	0.422	ng/ul	97
20) Pyrene	19.699	202	7527	0.428	ng/ul#	95
21) Benzo(a)anthracene	21.454	228	3288	0.421	ng/ul	95
22) Chrysene	21.503	228	3963	0.430	ng/ul	97
24) Benzo(b)fluoranthene	23.119	252	4722	0.499	ng/ul#	69
25) Benzo(k)fluoranthene	23.169	252	3767	0.446	ng/ul#	81
26) Benzo(a)pyrene	23.754	252	4707	0.426	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.347	276	6063	0.456	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.387	278	4345	0.449	ng/ul#	58
29) Benzo(g,h,i)perylene	27.095	276	6703	0.465	ng/ul#	95

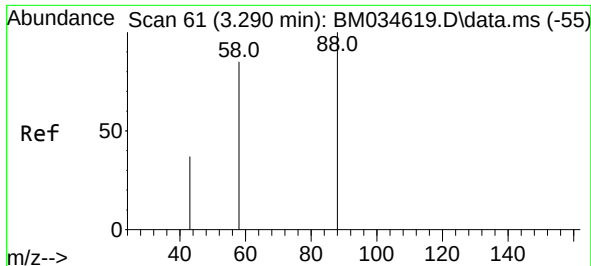
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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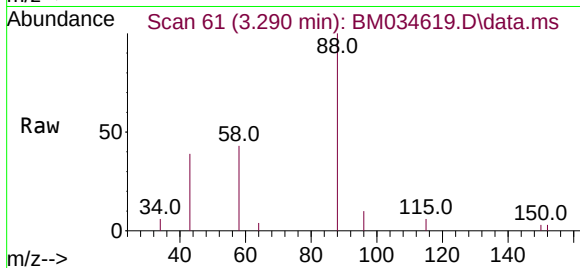
Quant Time: Apr 12 15:03:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 14:58:22 2022
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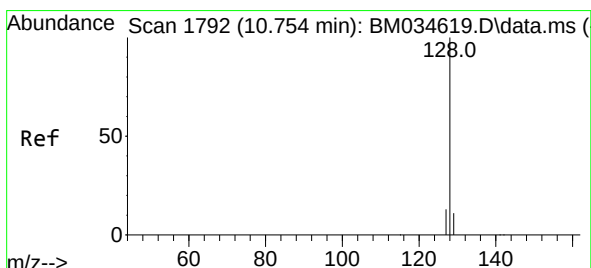
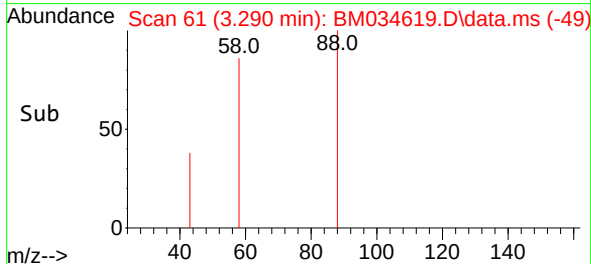
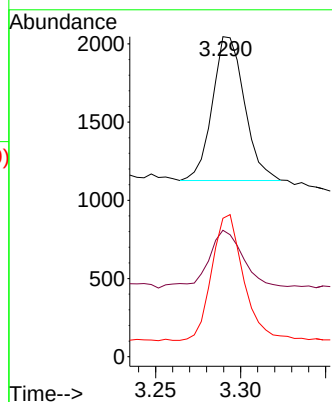


#2
1,4-Dioxane
Concen: 0.466 ng/ul
RT: 3.290 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

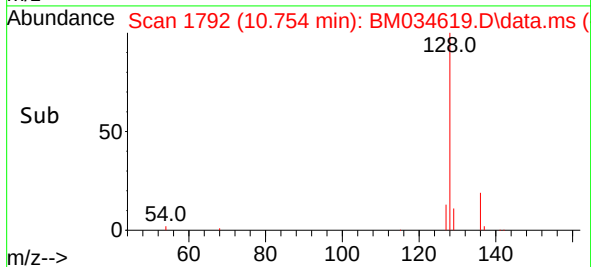
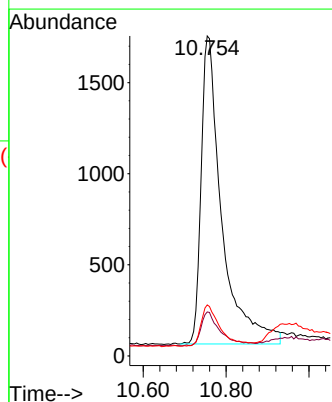
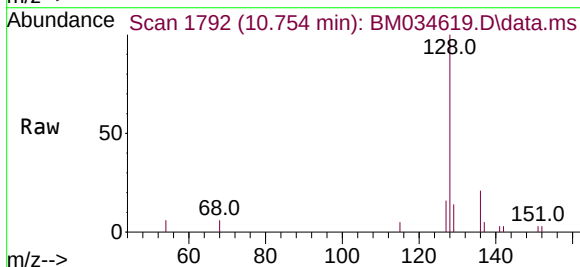


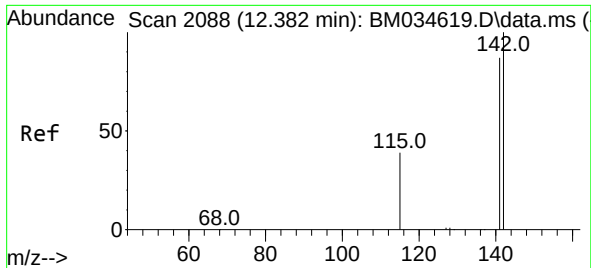
Tgt Ion: 88 Resp: 1205
Ion Ratio Lower Upper
88 100
43 39.5 49.7 74.5#
58 43.3 52.5 78.7#



#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.754 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

Tgt Ion: 128 Resp: 5826
Ion Ratio Lower Upper
128 100
129 13.7 13.4 20.2
127 15.9 15.2 22.8

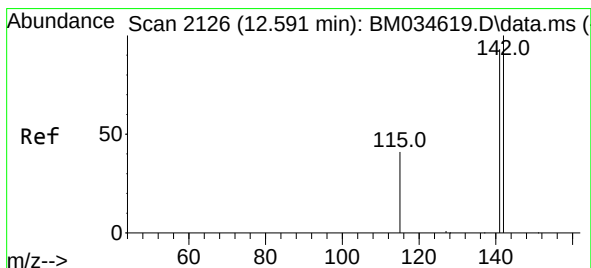
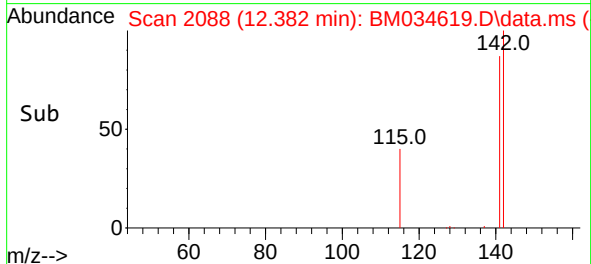
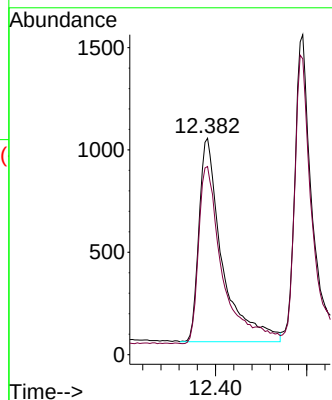
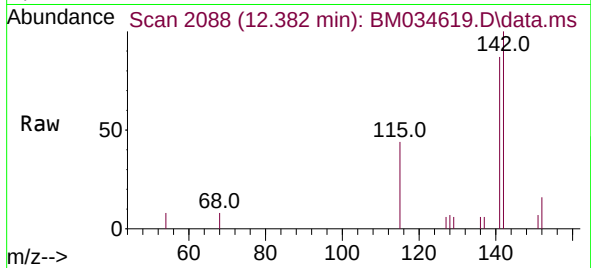




#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.382 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

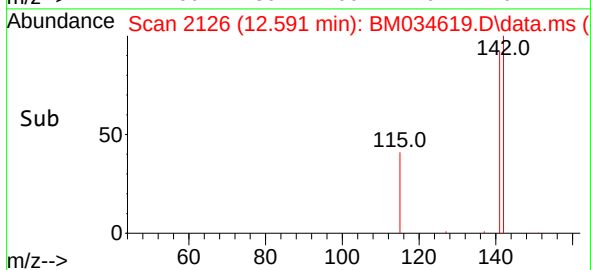
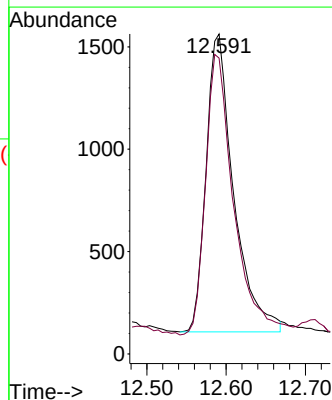
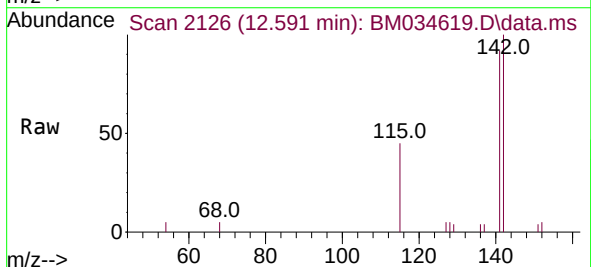
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

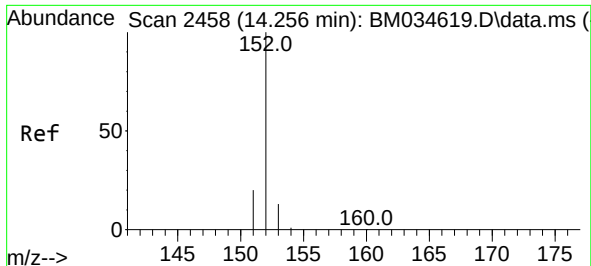
Tgt Ion:142 Resp: 3518
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.591 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

Tgt Ion:142 Resp: 3515
Ion Ratio Lower Upper
142 100
141 95.8 75.0 112.4

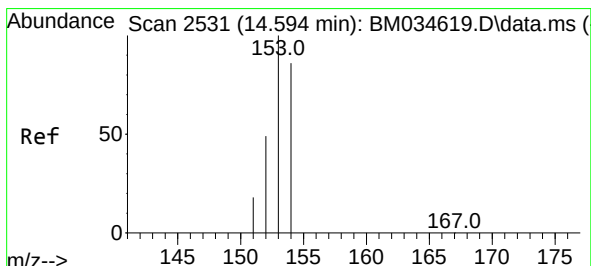
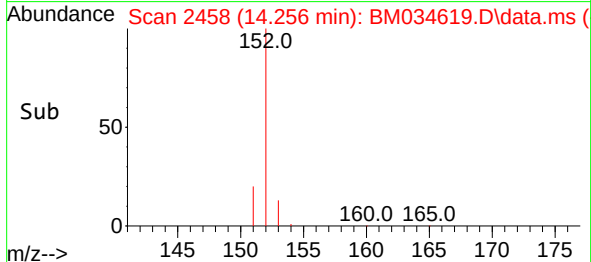
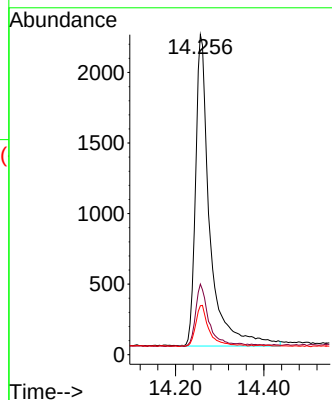
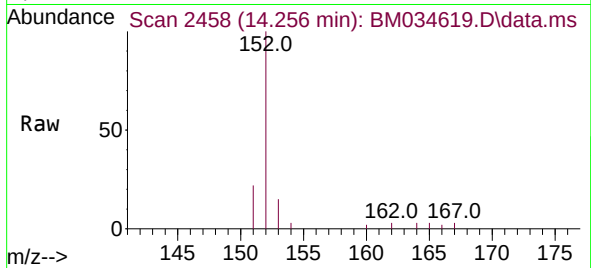




#10
Acenaphthylene
Concen: 0.421 ng/ul
RT: 14.256 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

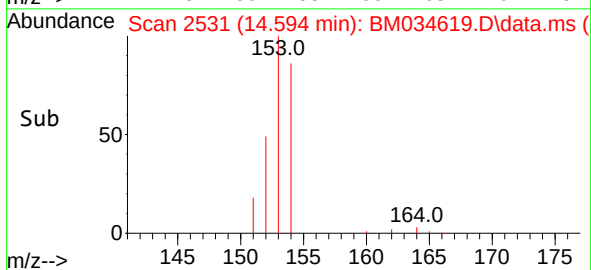
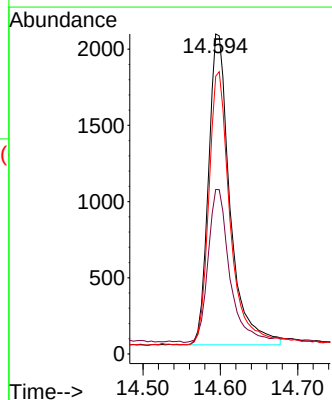
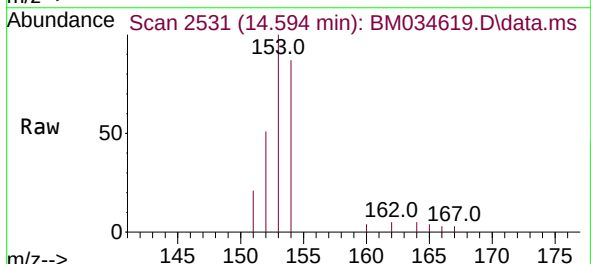
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

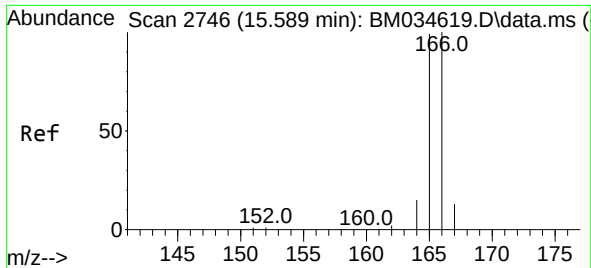
Tgt Ion:	152	Resp:	4938
Ion Ratio	Lower	Upper	
152	100		
151	22.0	19.9	29.9
153	15.3	15.0	22.4



#11
Acenaphthene
Concen: 0.417 ng/ul
RT: 14.594 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

Tgt Ion:	153	Resp:	3956
Ion Ratio	Lower	Upper	
153	100		
152	51.4	42.4	63.6
154	86.8	66.2	99.2

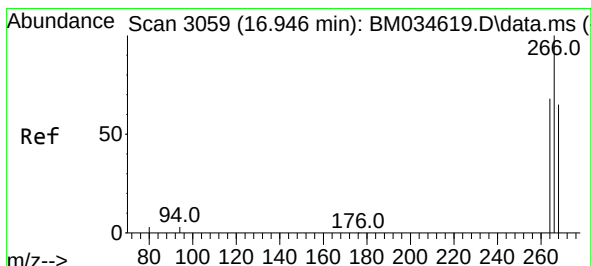
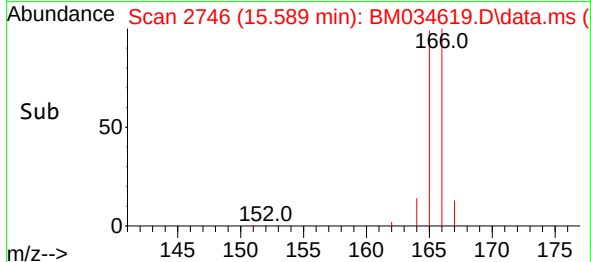
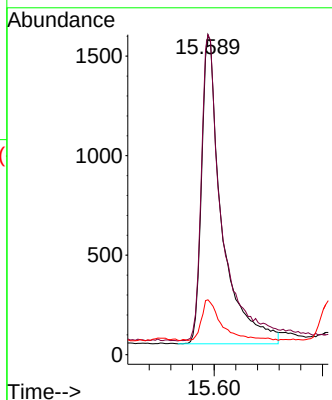
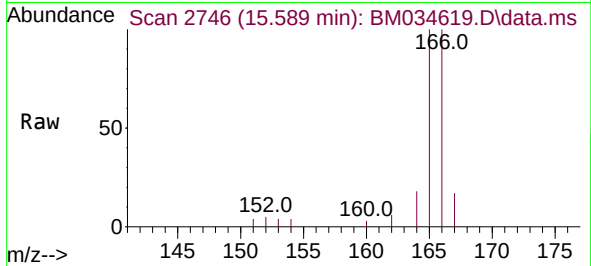




#12
 Fluorene
 Concen: 0.410 ng/ul
 RT: 15.589 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM034619.D
 Acq: 12 Apr 2022 13:18

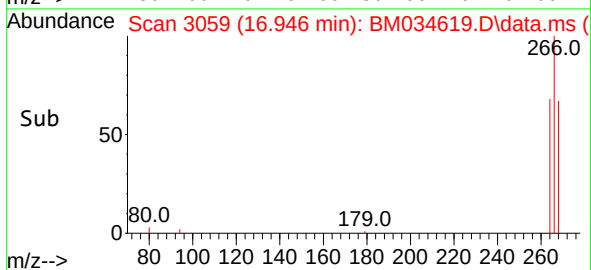
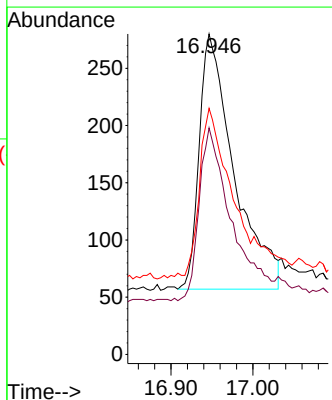
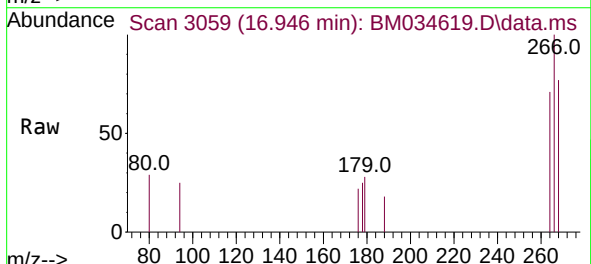
Instrument :
 BNA_M
 ClientSampleId :
 SST0.4024

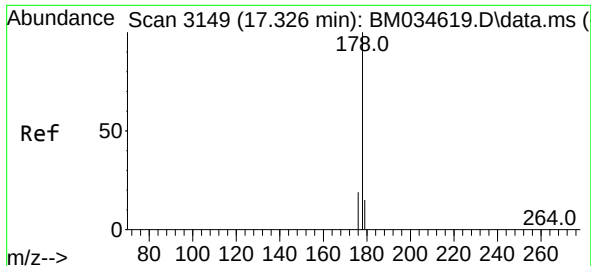
Tgt Ion:	166	Resp:	4013
Ion Ratio	Lower	Upper	
166	100		
165	100.1	81.1	121.7
167	17.2	14.9	22.3



#14
 Pentachlorophenol
 Concen: 0.401 ng/ul
 RT: 16.946 min Scan# 3059
 Delta R.T. 0.000 min
 Lab File: BM034619.D
 Acq: 12 Apr 2022 13:18

Tgt Ion:	266	Resp:	657
Ion Ratio	Lower	Upper	
266	100		
264	63.8	51.4	77.0
268	64.2	53.1	79.7

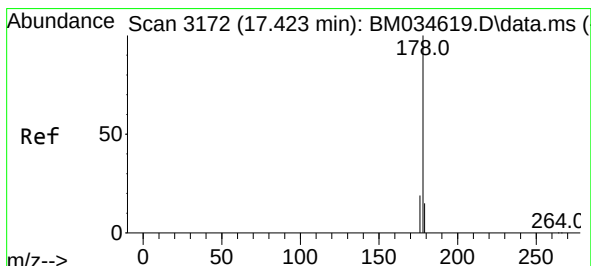
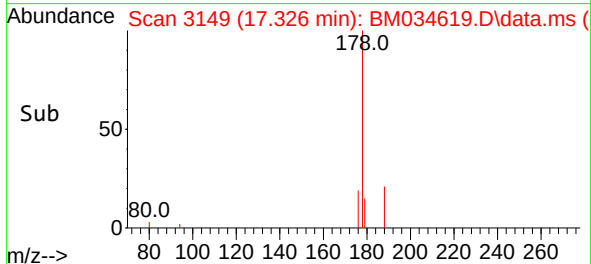
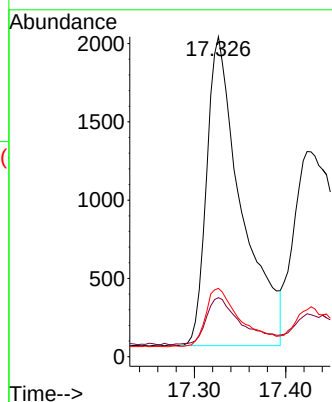
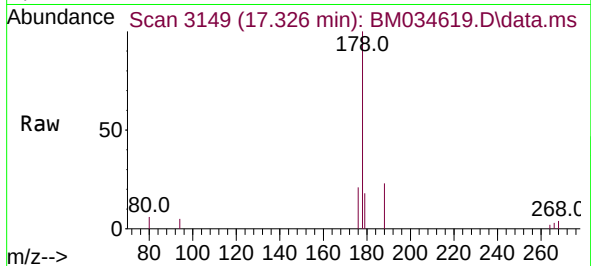




#15
Phenanthrene
Concen: 0.415 ng/ul
RT: 17.326 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

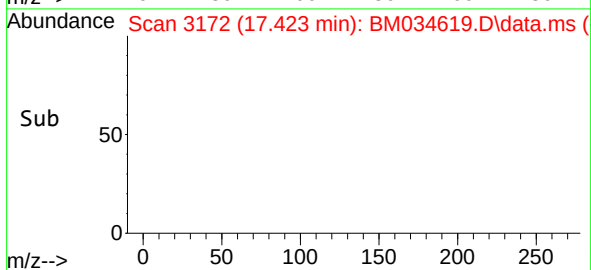
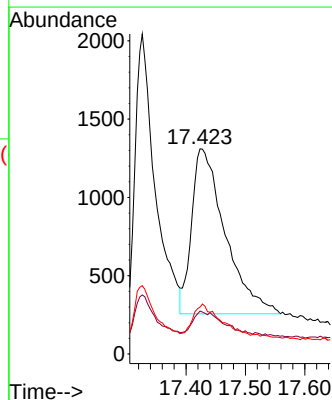
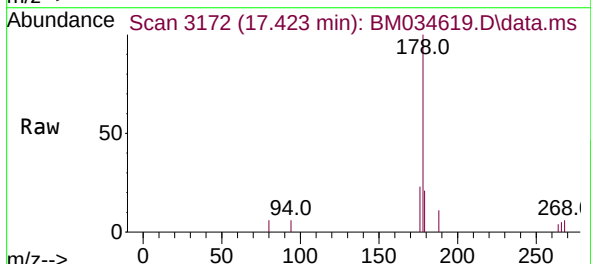
Instrument :
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ClientSampleId :
SSTD0.4024

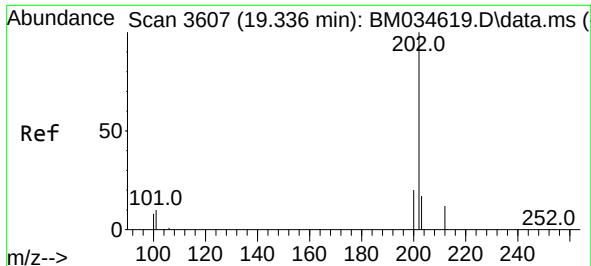
Tgt Ion:	178	Resp:	5212
Ion Ratio	Lower	Upper	
178	100		
179	18.4	15.0	22.6
176	21.4	17.9	26.9



#16
Anthracene
Concen: 0.433 ng/ul
RT: 17.423 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

Tgt Ion:	178	Resp:	4126
Ion Ratio	Lower	Upper	
178	100		
179	20.9	16.5	24.7
176	22.9	18.3	27.5

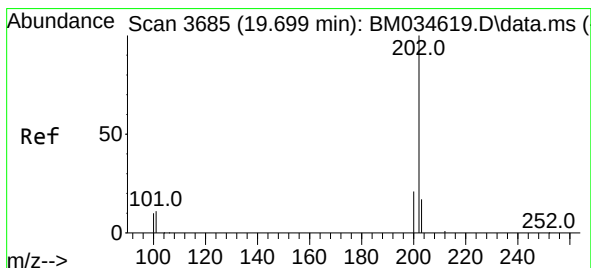
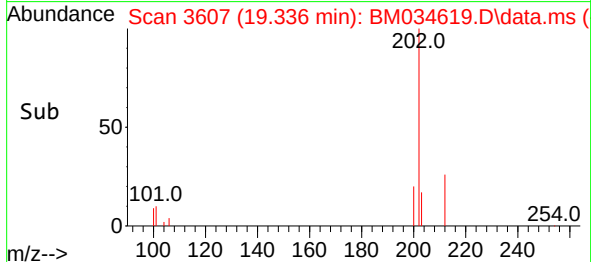
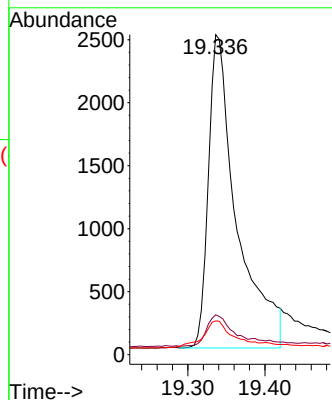
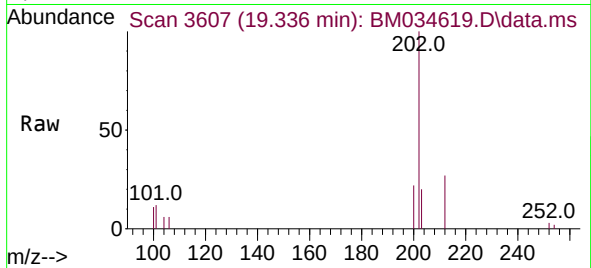




#19
Fluoranthene
Concen: 0.422 ng/u1
RT: 19.336 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

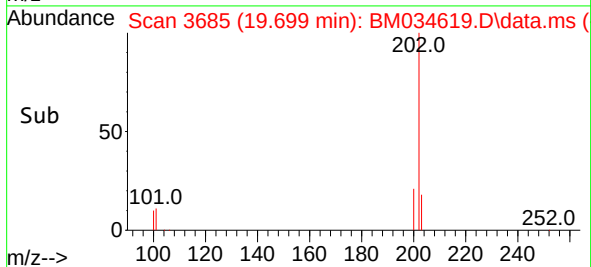
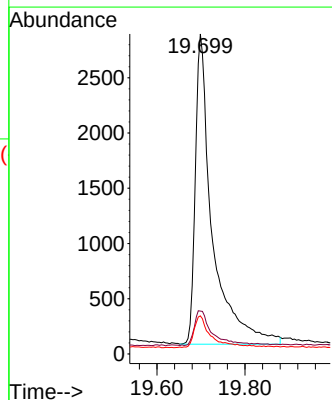
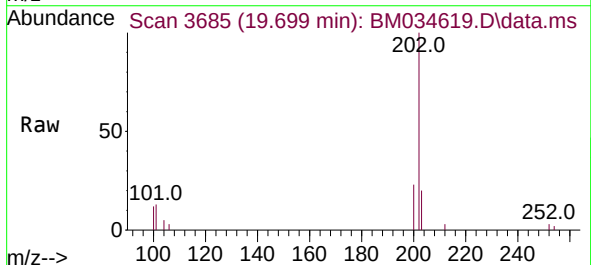
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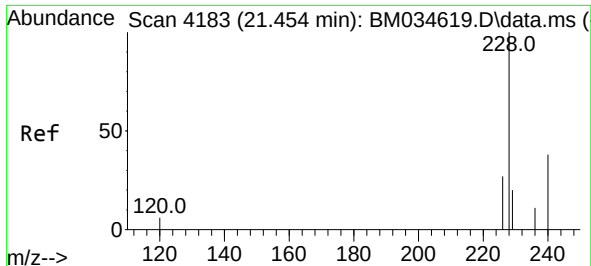
Tgt Ion:202 Resp: 6352
Ion Ratio Lower Upper
202 100
101 12.4 9.2 13.8
100 10.6 7.2 10.8



#20
Pyrene
Concen: 0.428 ng/u1
RT: 19.699 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

Tgt Ion:202 Resp: 7527
Ion Ratio Lower Upper
202 100
101 13.4 9.3 13.9
100 11.9 7.8 11.6#

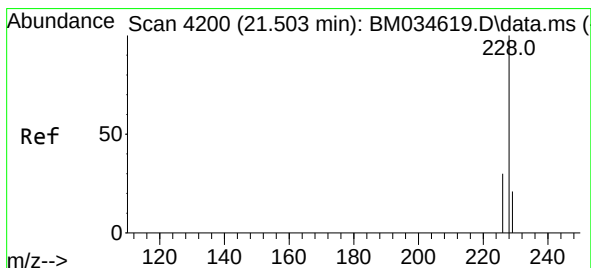
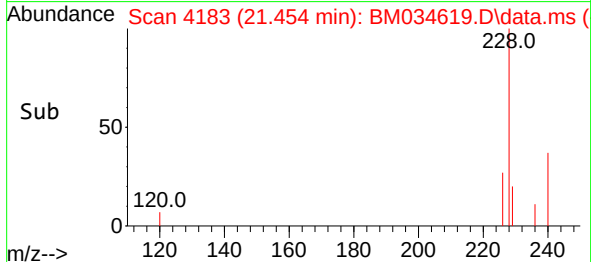
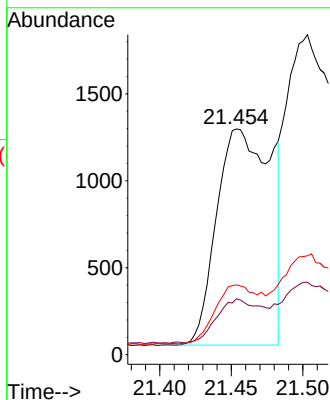
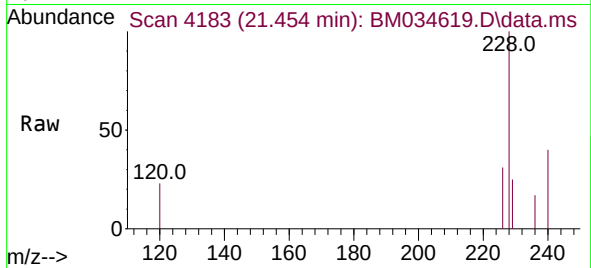




#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.454 min Scan# 4183
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

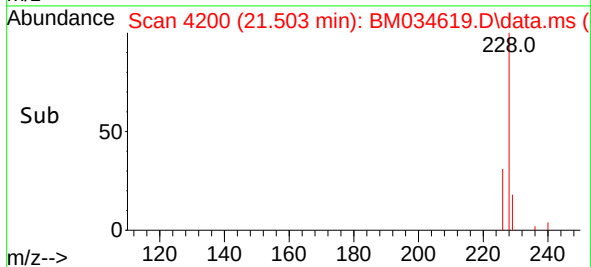
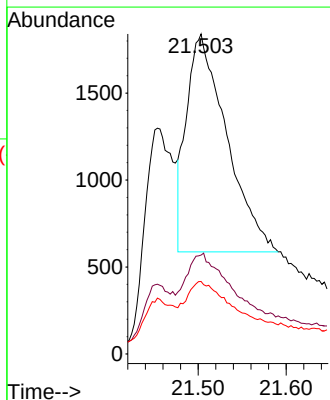
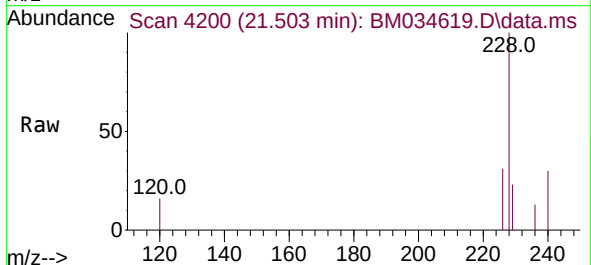
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

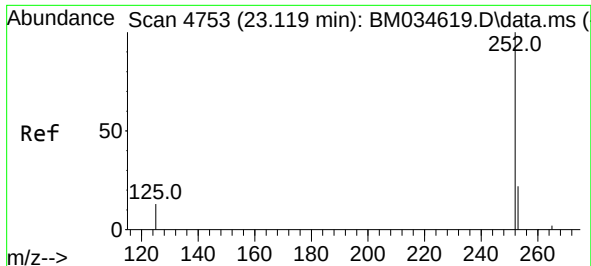
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Ion Ratio Lower Upper
228 100
229 24.7 17.3 25.9
226 30.9 23.2 34.8



#22
Chrysene
Concen: 0.430 ng/ul
RT: 21.503 min Scan# 4200
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

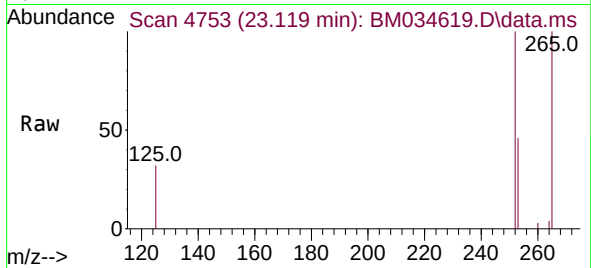
Tgt Ion:228 Resp: 3963
Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 22.7 16.7 25.1



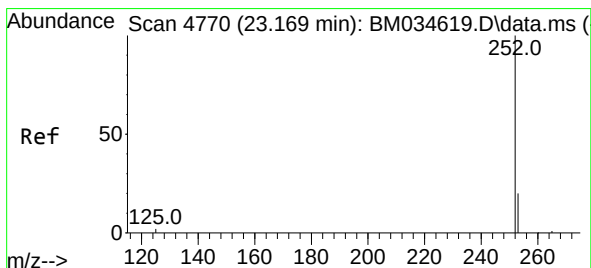
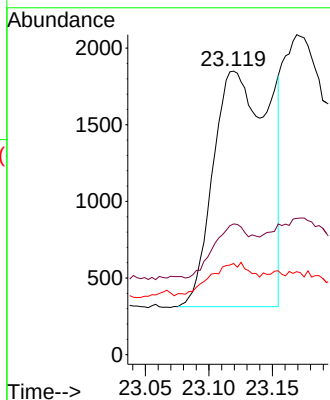


#24
Benzo(b)fluoranthene
Concen: 0.499 ng/ul
RT: 23.119 min Scan# 4753
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

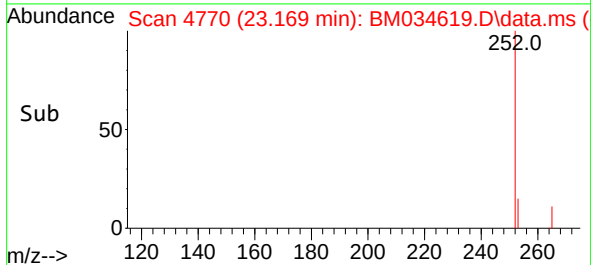
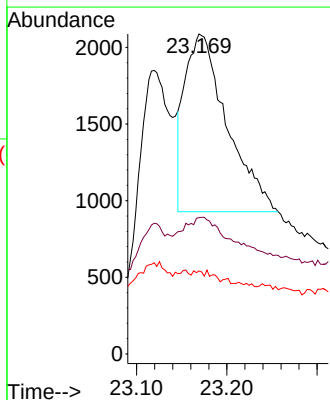
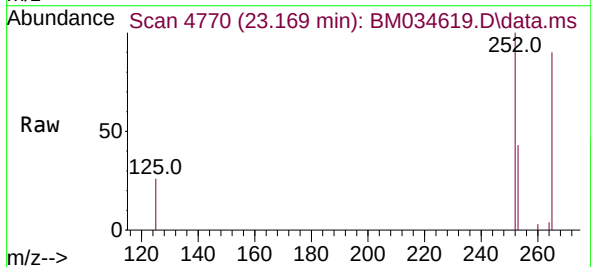


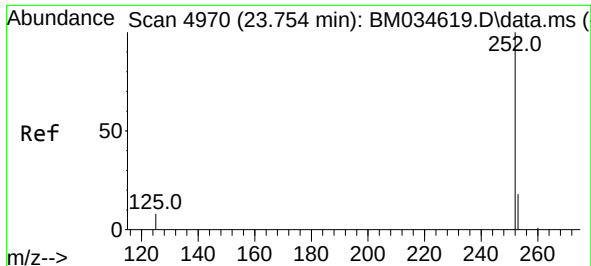
Tgt Ion:252 Resp: 4722
Ion Ratio Lower Upper
252 100
253 46.1 0.0 64.2
125 32.2 0.0 28.8#



#25
Benzo(k)fluoranthene
Concen: 0.446 ng/ul
RT: 23.169 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

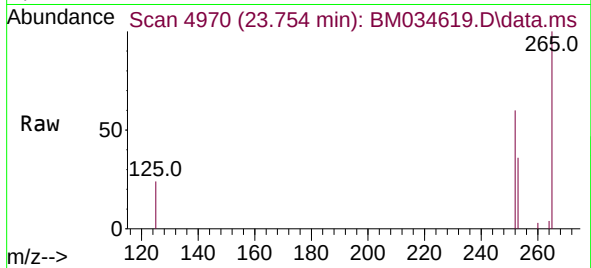
Tgt Ion:252 Resp: 3767
Ion Ratio Lower Upper
252 100
253 42.6 26.8 40.2#
125 26.0 12.0 18.0#



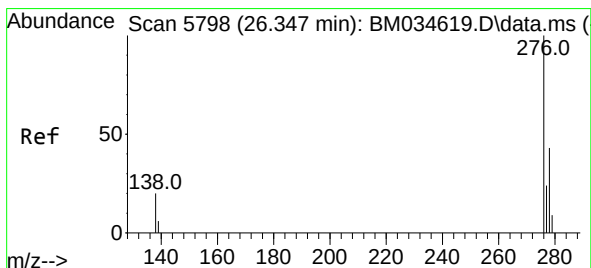
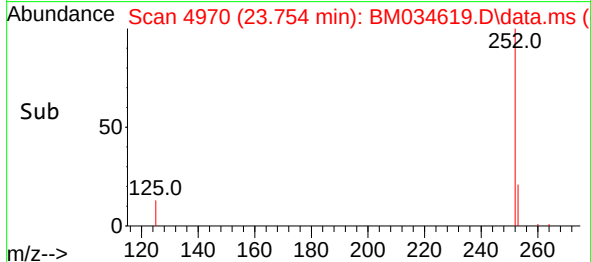
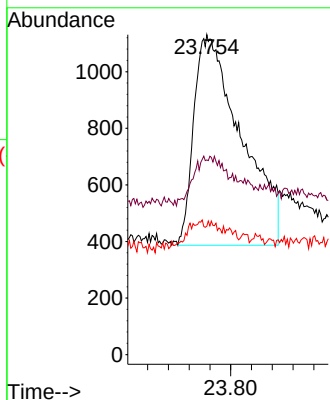


#26
Benzo(a)pyrene
Concen: 0.426 ng/ul
RT: 23.754 min Scan# 4970
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

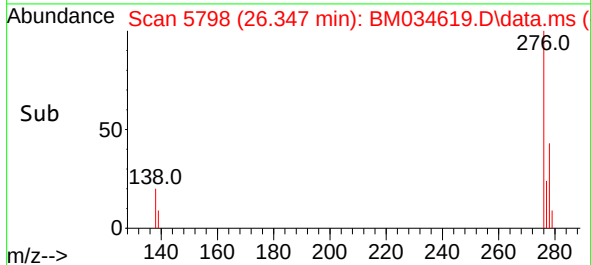
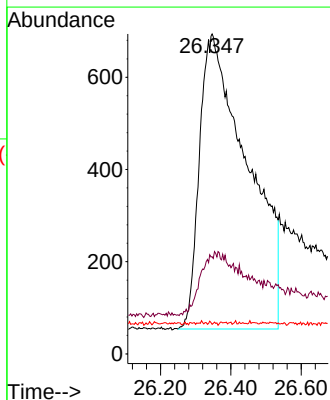
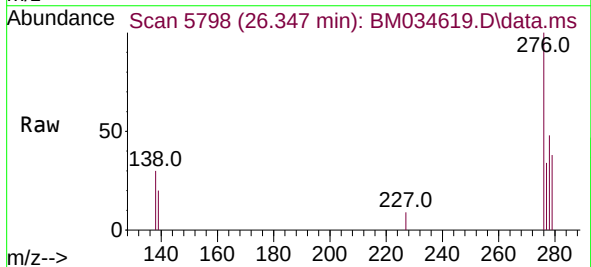


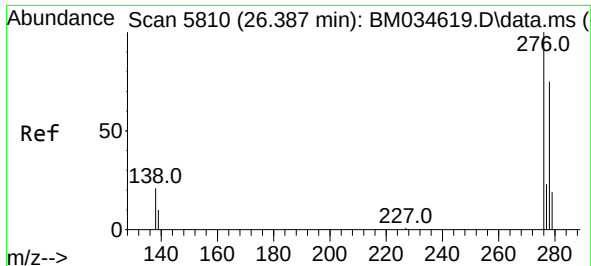
Tgt Ion:252 Resp: 4707
Ion Ratio Lower Upper
252 100
253 60.8 32.0 48.0#
125 40.1 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.456 ng/ul
RT: 26.347 min Scan# 5798
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

Tgt Ion:276 Resp: 6063
Ion Ratio Lower Upper
276 100
138 22.5 15.8 23.6
227 0.1 0.0 0.0#

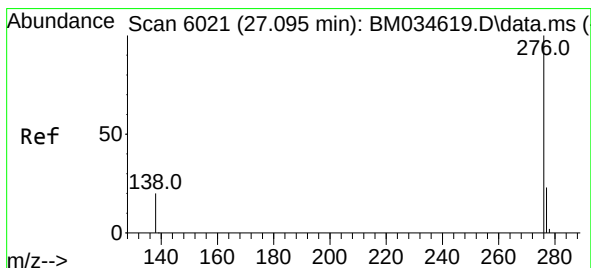
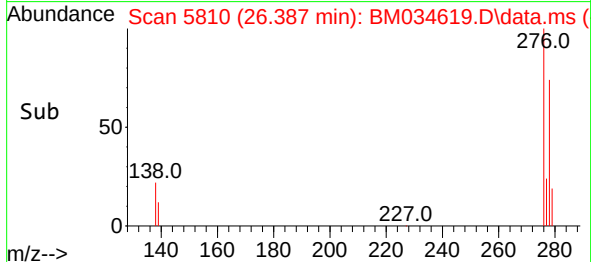
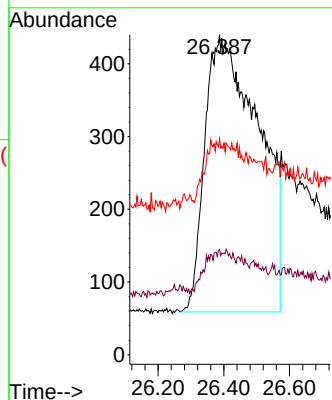
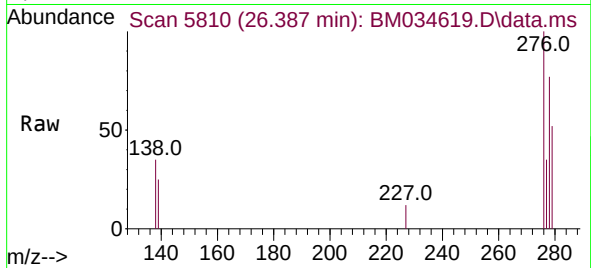




#28
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.387 min Scan# 5810
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:278 Resp: 4345
Ion Ratio Lower Upper
278 100
139 33.0 18.0 27.0#
279 67.5 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.465 ng/ul
RT: 27.095 min Scan# 6021
Delta R.T. 0.000 min
Lab File: BM034619.D
Acq: 12 Apr 2022 13:18

Tgt Ion:276 Resp: 6703
Ion Ratio Lower Upper
276 100
138 26.7 17.4 26.0#
277 28.9 22.6 33.8

