

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033571.D
 Acq On : 22 Dec 2021 11:27
 Operator : CG/JU
 Sample : SSTD1.626
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 22 12:15:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 12:12:20 2021
 Response via : Initial Calibration

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

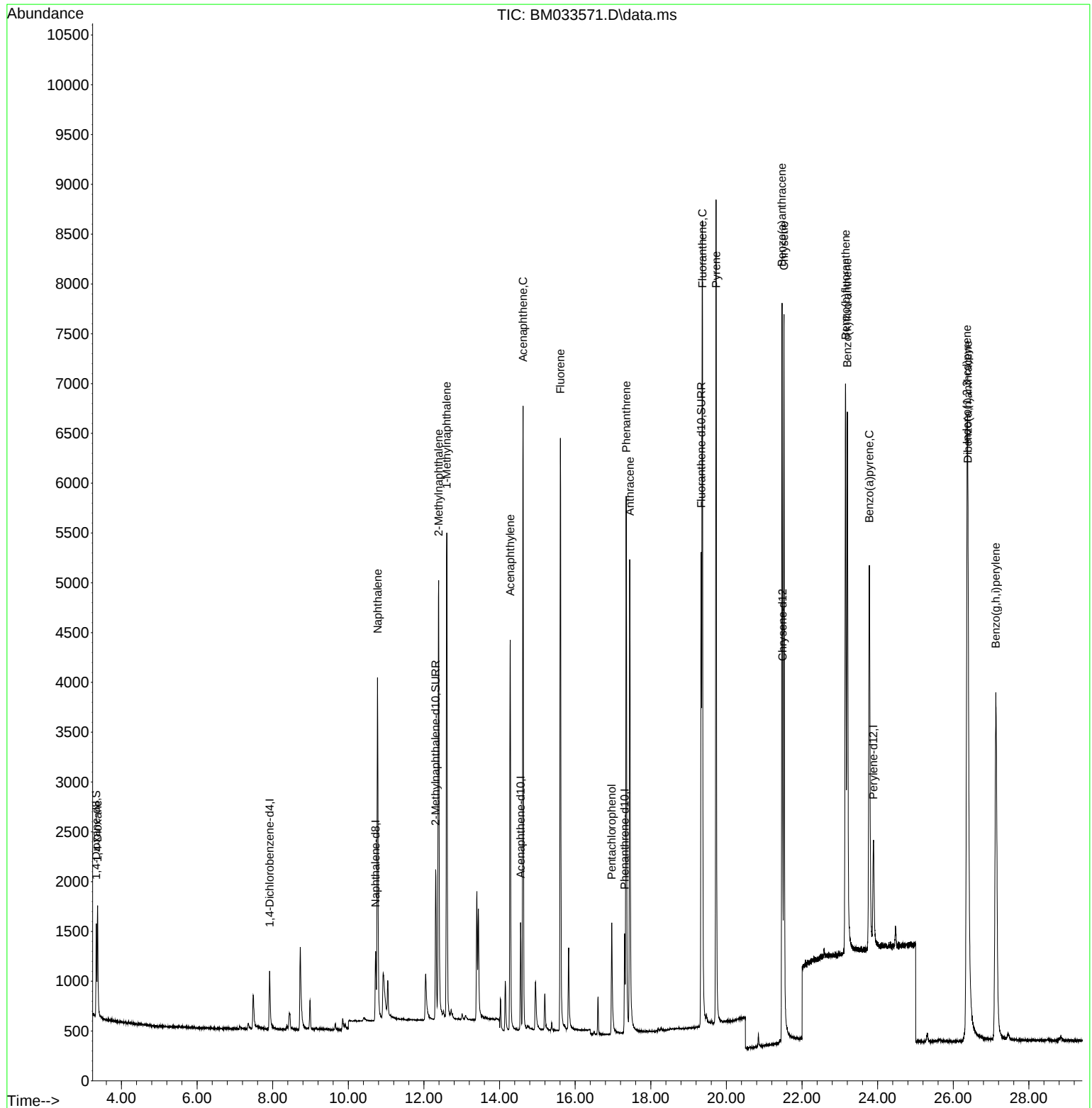
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	397	0.400	ng/ul	0.00
4) Naphthalene-d8	10.720	136	1052	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.557	164	597	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	1326	0.400	ng/ul	0.00
17) Chrysene-d12	21.487	240	1680	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	1734	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	550	1.710	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	2163	1.627	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	6010	1.644	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	675	1.605	ng/ul	92
5) Naphthalene	10.774	128	5260	1.366	ng/ul#	91
7) 2-Methylnaphthalene	12.389	142	3375	1.538	ng/ul	100
8) 1-Methylnaphthalene	12.604	142	3339	1.474	ng/ul	100
10) Acenaphthylene	14.284	152	4988	1.493	ng/ul#	93
11) Acenaphthene	14.621	153	3761	1.434	ng/ul	96
12) Fluorene	15.611	166	4183	1.491	ng/ul#	98
14) Pentachlorophenol	16.965	266	982	2.063	ng/ul	99
15) Phenanthrene	17.351	178	6475	1.495	ng/ul	97
16) Anthracene	17.444	178	6265	1.640	ng/ul	93
19) Fluoranthene	19.365	202	7759	1.755	ng/ul	96
20) Pyrene	19.727	202	8006	1.643	ng/ul	99
21) Benzo(a)anthracene	21.470	228	6748	1.805	ng/ul	98
22) Chrysene	21.523	228	7373	1.580	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	8069	1.750	ng/ul	92
25) Benzo(k)fluoranthene	23.199	252	8456	1.598	ng/ul#	87
26) Benzo(a)pyrene	23.781	252	7398	1.666	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.363	276	10289	2.074	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.390	278	8502	2.069	ng/ul#	84
29) Benzo(g,h,i)perylene	27.127	276	9027	2.020	ng/ul	94

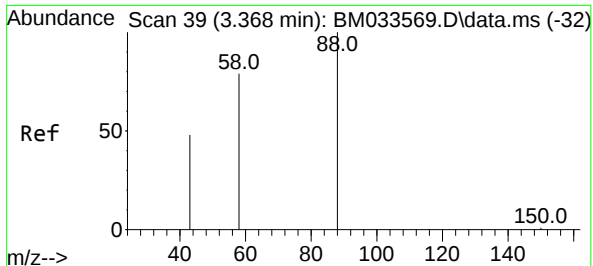
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_M
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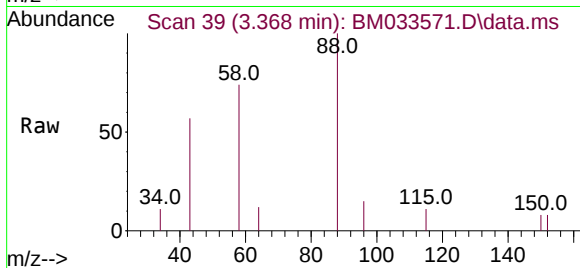
Quant Time: Dec 22 12:15:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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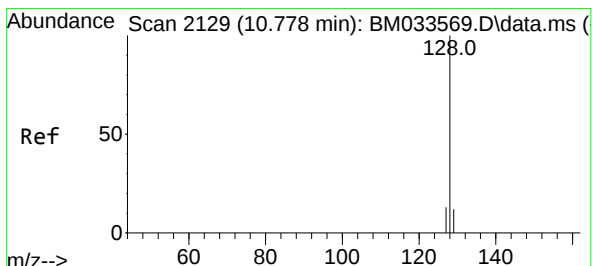
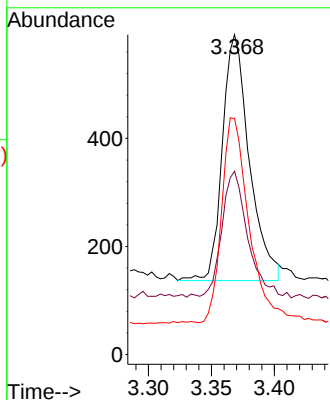
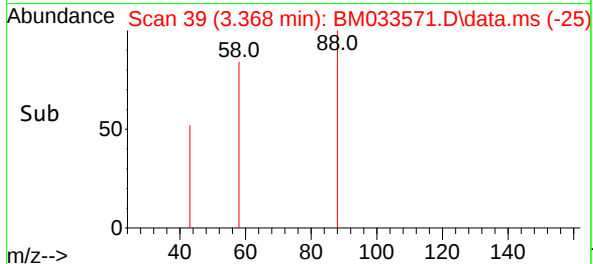


#2
1,4-Dioxane
Concen: 1.605 ng/ul
RT: 3.368 min Scan# 39
Delta R.T. -0.000 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

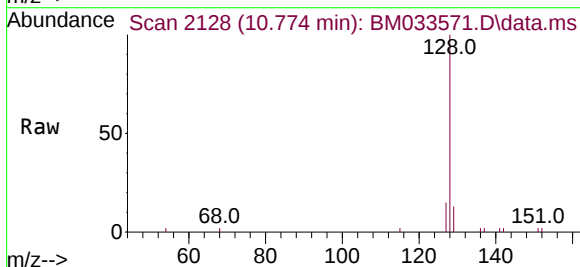
Instrument :
BNA_M
ClientSampleId :



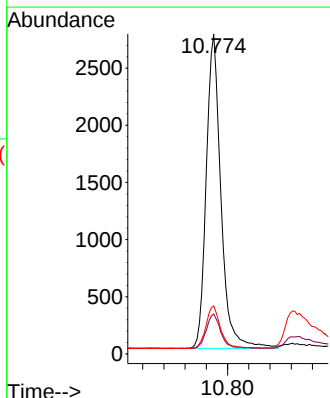
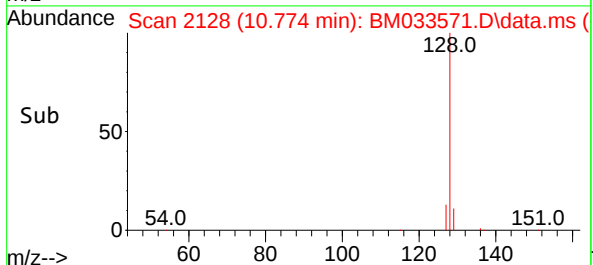
Tgt Ion: 88 Resp: 675
Ion Ratio Lower Upper
88 100
43 57.3 49.7 74.5
58 73.8 52.5 78.7

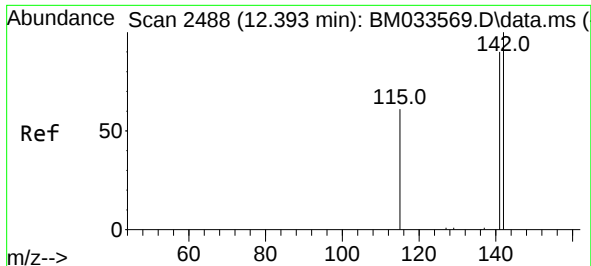


#5
Naphthalene
Concen: 1.366 ng/ul
RT: 10.774 min Scan# 2128
Delta R.T. -0.005 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27



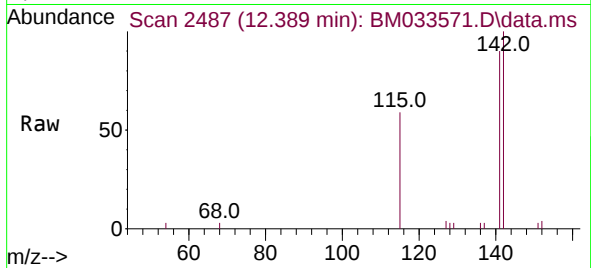
Tgt Ion: 128 Resp: 5260
Ion Ratio Lower Upper
128 100
129 12.5 13.4 20.2#
127 15.0 15.2 22.8#



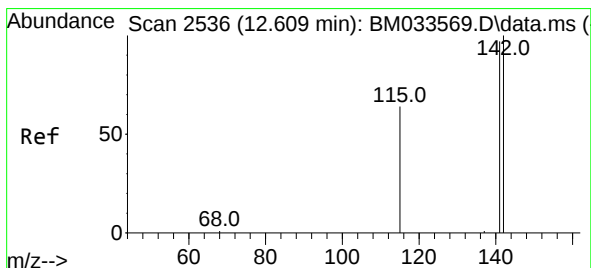
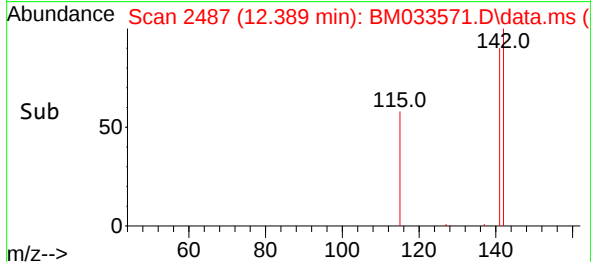
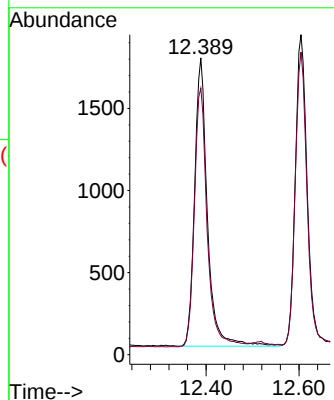


#7
2-Methylnaphthalene
Concen: 1.538 ng/ul
RT: 12.389 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

Instrument :
BNA_M
ClientSampleId :

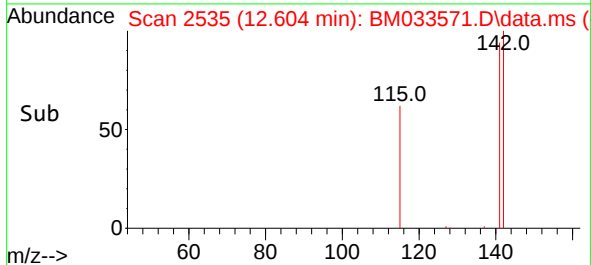
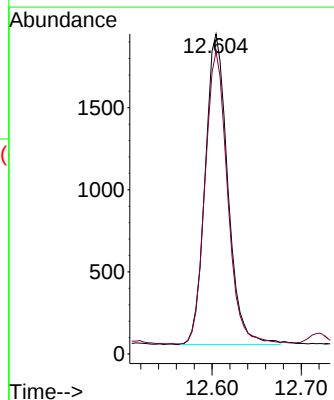
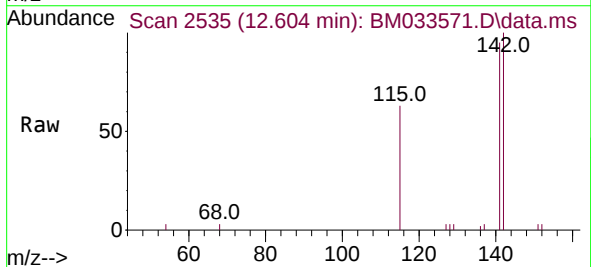


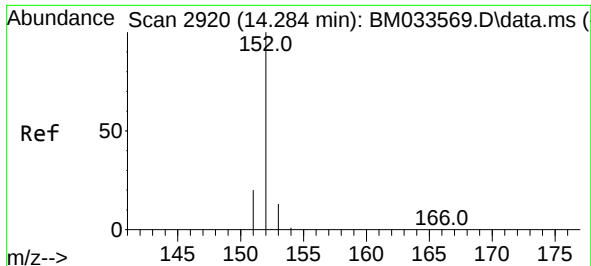
Tgt Ion:142 Resp: 3375
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.6



#8
1-Methylnaphthalene
Concen: 1.474 ng/ul
RT: 12.604 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

Tgt Ion:142 Resp: 3339
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4

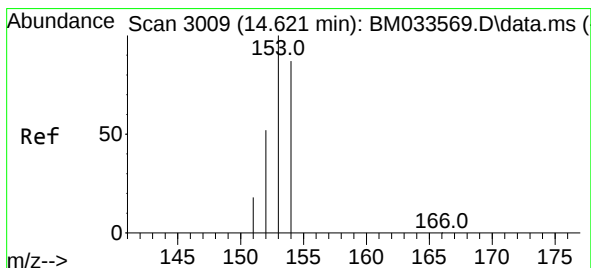
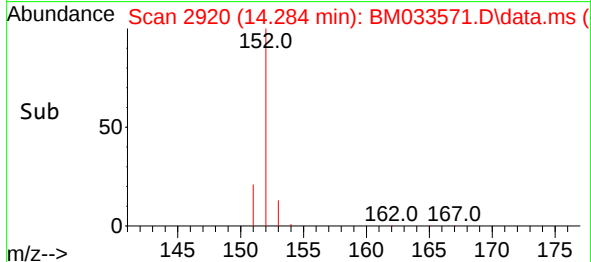
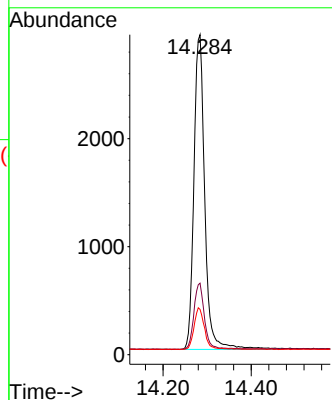
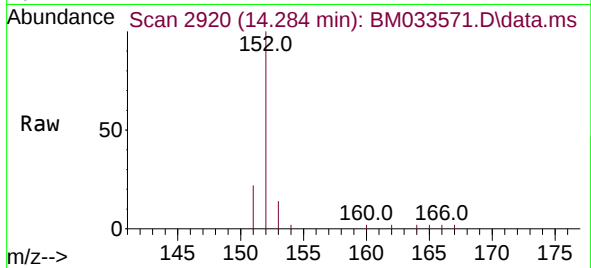




#10
Acenaphthylene
Concen: 1.493 ng/ul
RT: 14.284 min Scan# 2920
Delta R.T. -0.000 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

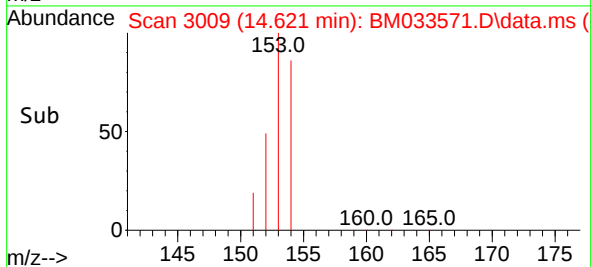
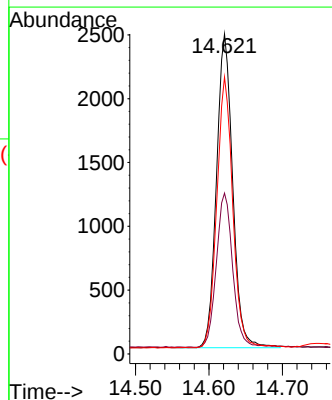
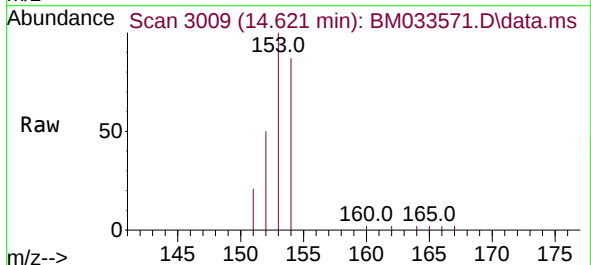
Instrument :
BNA_M
ClientSampleId :

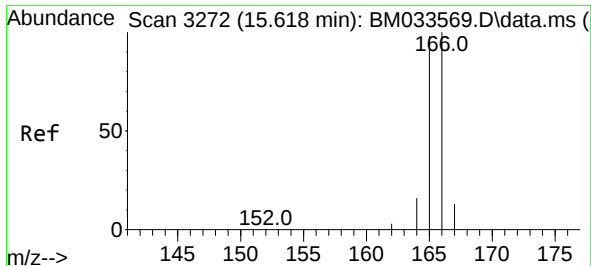
Tgt Ion:152 Resp: 4988
Ion Ratio Lower Upper
152 100
151 22.3 19.9 29.9
153 14.1 15.0 22.4#



#11
Acenaphthene
Concen: 1.434 ng/ul
RT: 14.621 min Scan# 3009
Delta R.T. -0.000 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

Tgt Ion:153 Resp: 3761
Ion Ratio Lower Upper
153 100
152 50.3 42.4 63.6
154 86.6 66.2 99.2

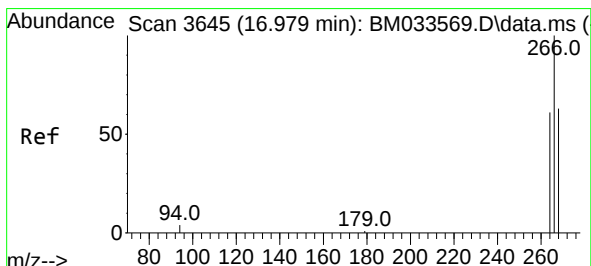
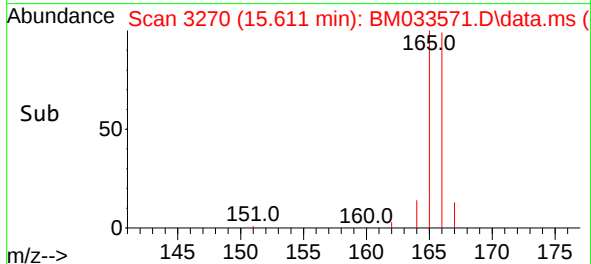
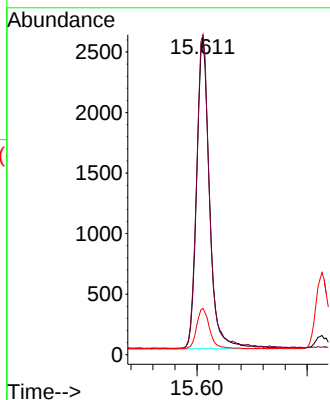
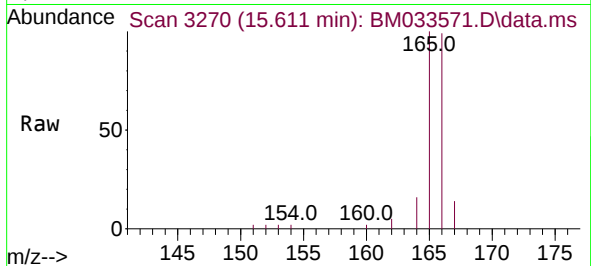




#12
Fluorene
Concen: 1.491 ng/ul
RT: 15.611 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

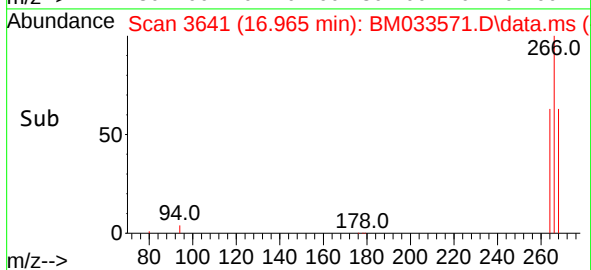
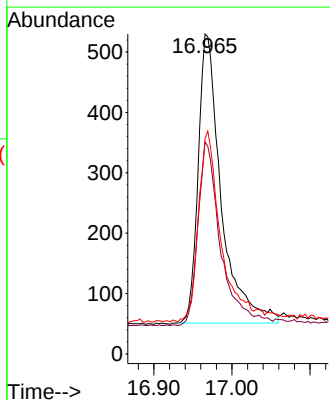
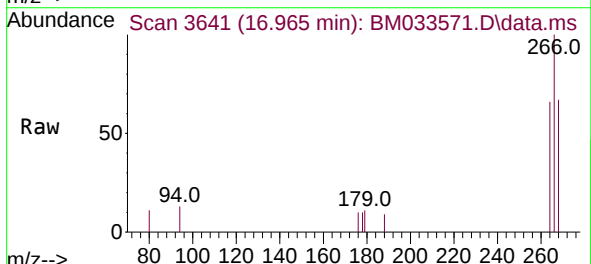
Instrument :
BNA_M
ClientSampleId :

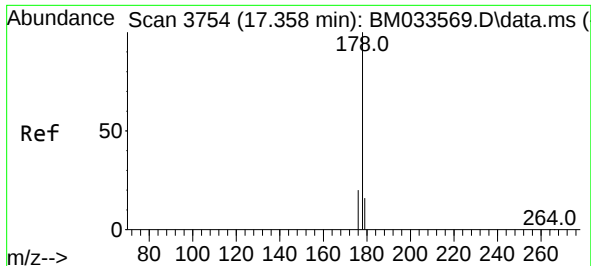
Tgt Ion:166 Resp: 4183
Ion Ratio Lower Upper
166 100
165 100.8 81.1 121.7
167 14.6 14.9 22.3#



#14
Pentachlorophenol
Concen: 2.063 ng/ul
RT: 16.965 min Scan# 3641
Delta R.T. -0.014 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

Tgt Ion:266 Resp: 982
Ion Ratio Lower Upper
266 100
264 62.9 51.4 77.0
268 66.3 53.1 79.7

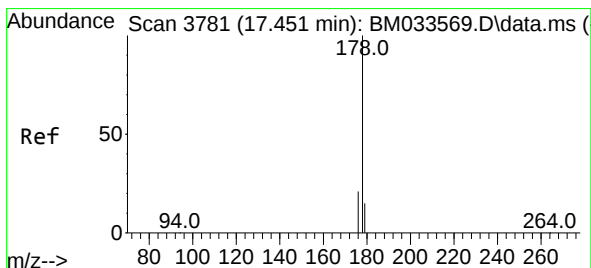
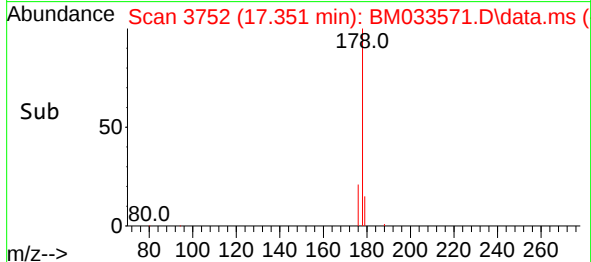
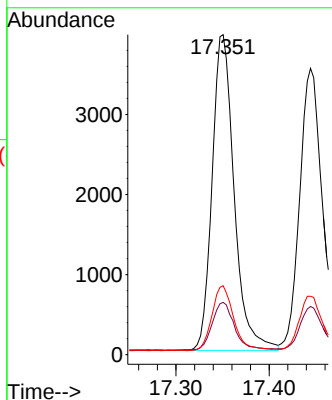
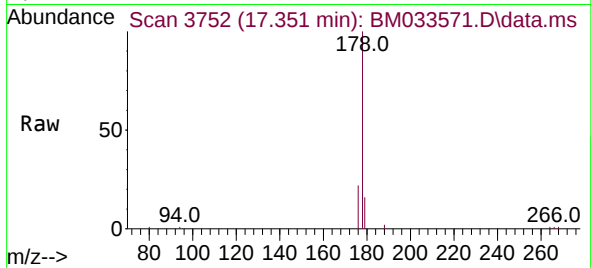




#15
Phenanthrene
Concen: 1.495 ng/ul
RT: 17.351 min Scan# 31
Delta R.T. -0.007 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

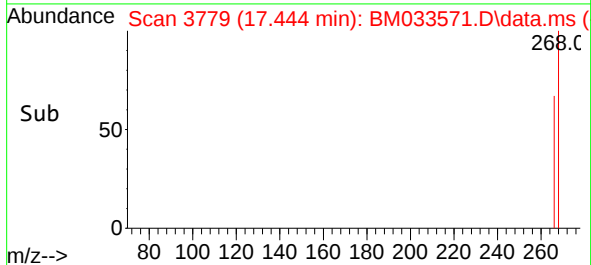
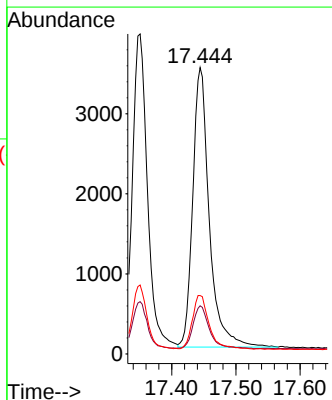
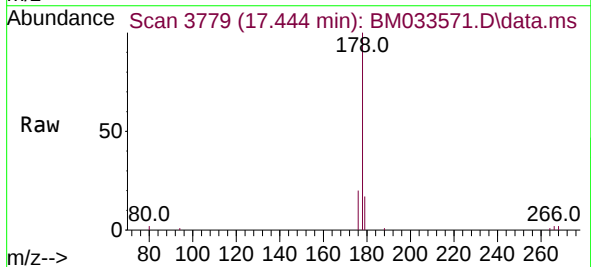
Instrument :
BNA_M
ClientSampleId :

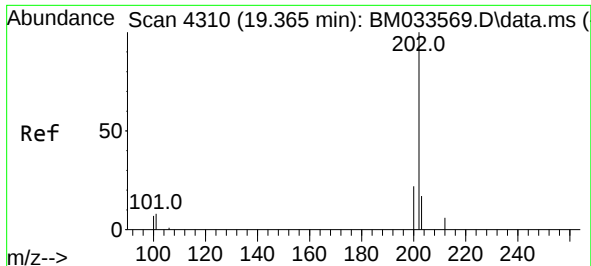
Tgt Ion:178 Resp: 6475
Ion Ratio Lower Upper
178 100
179 16.3 15.0 22.6
176 21.5 17.9 26.9



#16
Anthracene
Concen: 1.640 ng/ul
RT: 17.444 min Scan# 3779
Delta R.T. -0.007 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

Tgt Ion:178 Resp: 6265
Ion Ratio Lower Upper
178 100
179 16.8 16.5 24.7
176 20.4 18.3 27.5

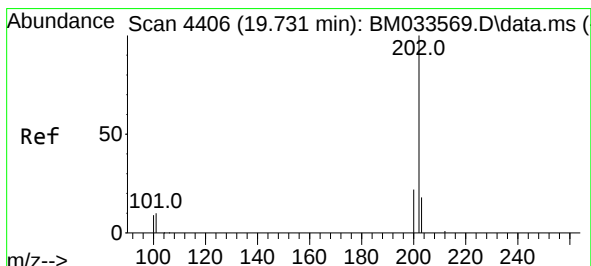
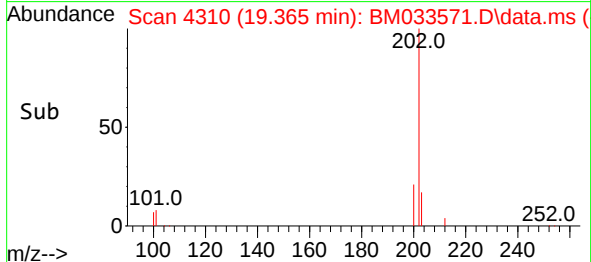
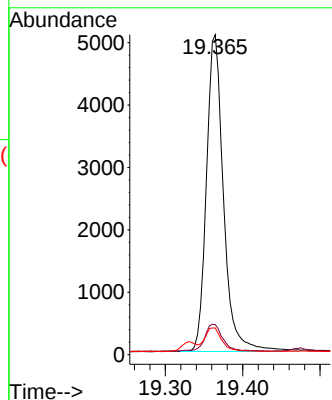
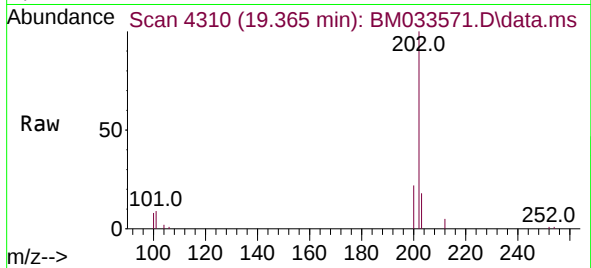




#19
Fluoranthene
Concen: 1.755 ng/ul
RT: 19.365 min Scan# 4310
Delta R.T. -0.000 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

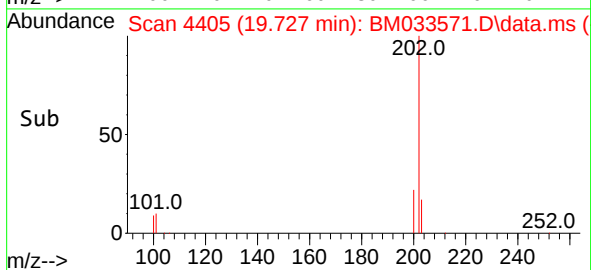
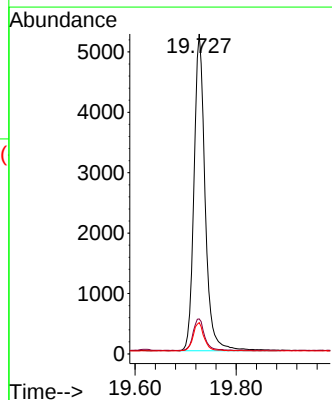
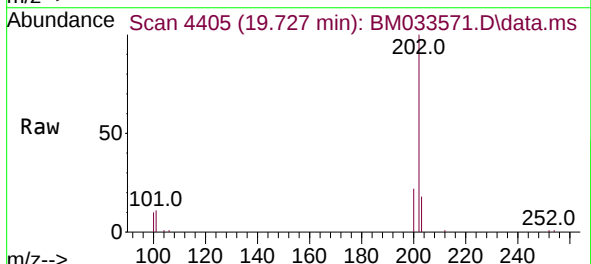
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BNA_M
ClientSampleId :

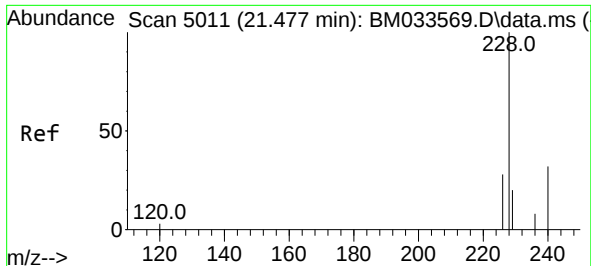
Tgt Ion:202 Resp: 7759
Ion Ratio Lower Upper
202 100
101 9.4 9.2 13.8
100 8.3 7.2 10.8



#20
Pyrene
Concen: 1.643 ng/ul
RT: 19.727 min Scan# 4405
Delta R.T. -0.004 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

Tgt Ion:202 Resp: 8006
Ion Ratio Lower Upper
202 100
101 10.9 9.3 13.9
100 9.8 7.8 11.6

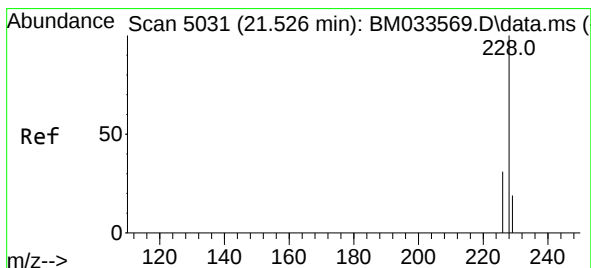
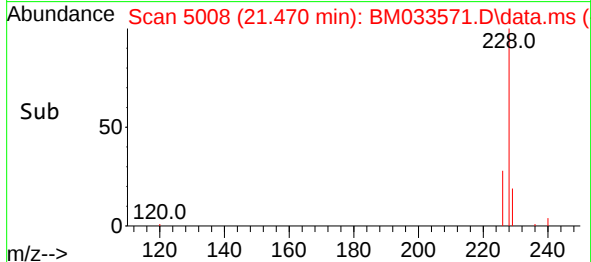
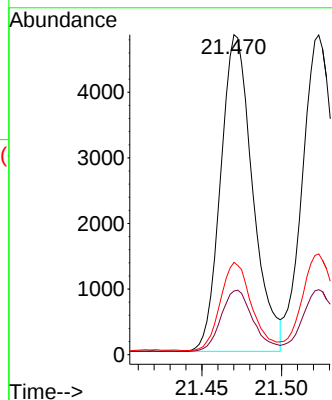
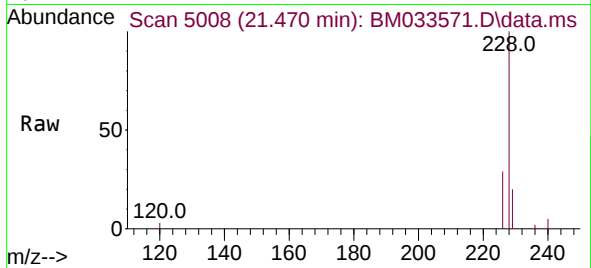




#21
Benzo(a)anthracene
Concen: 1.805 ng/ul
RT: 21.470 min Scan# 5011
Delta R.T. -0.007 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

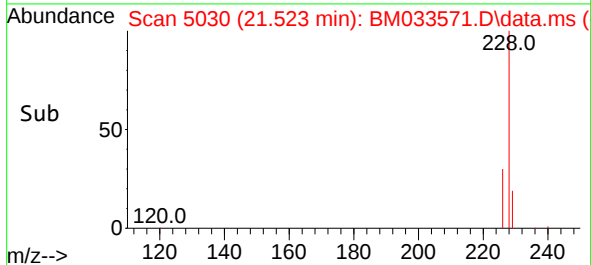
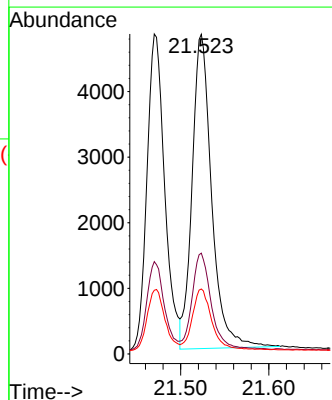
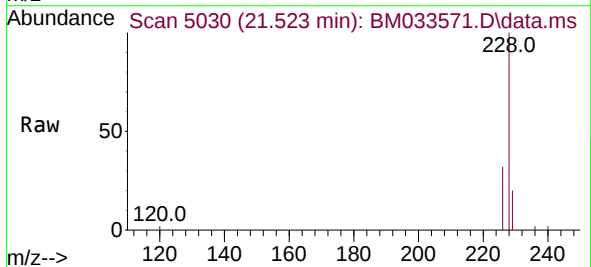
Instrument :
BNA_M
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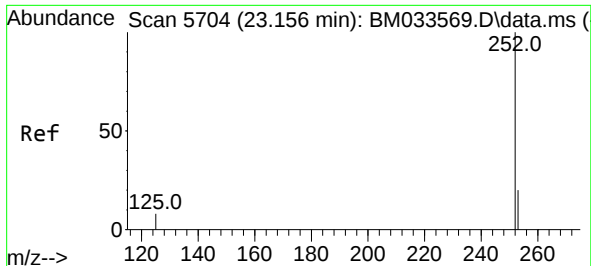
Tgt Ion:228 Resp: 6748
Ion Ratio Lower Upper
228 100
229 19.9 17.3 25.9
226 28.8 23.2 34.8



#22
Chrysene
Concen: 1.580 ng/ul
RT: 21.523 min Scan# 5030
Delta R.T. -0.003 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

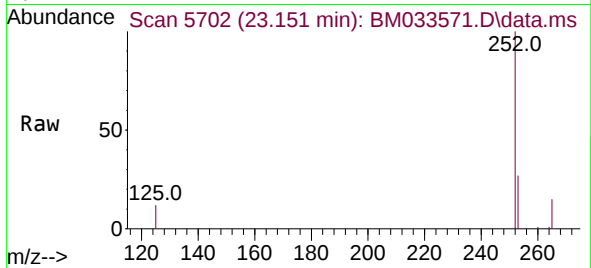
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Ion Ratio Lower Upper
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226 31.5 25.8 38.8
229 20.3 16.7 25.1



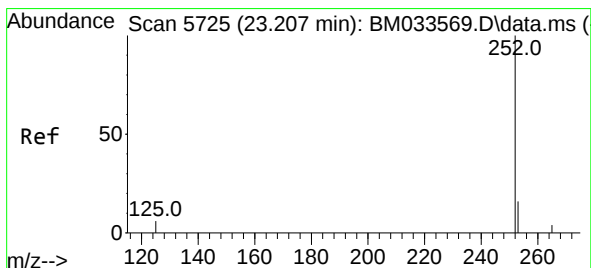
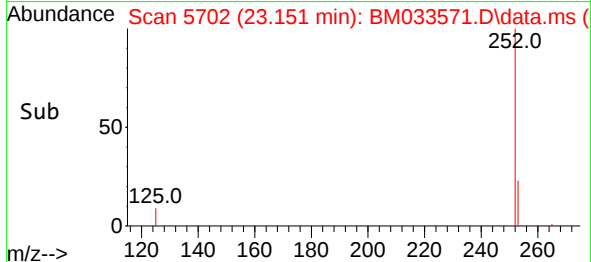
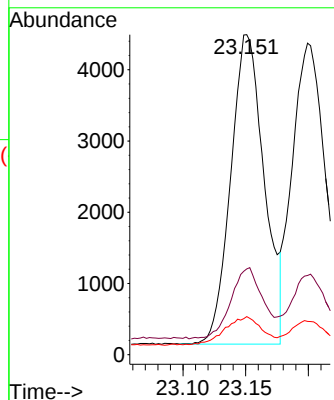


#24
Benzo(b)fluoranthene
Concen: 1.750 ng/ul
RT: 23.151 min Scan# 51
Delta R.T. -0.005 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

Instrument :
BNA_M
ClientSampleId :

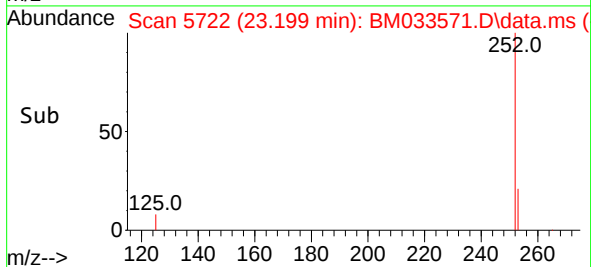
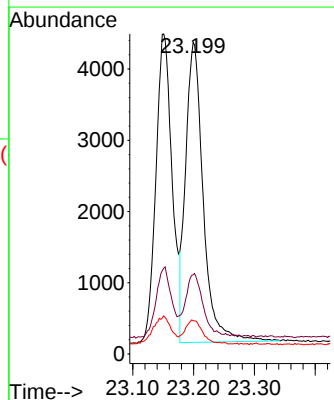
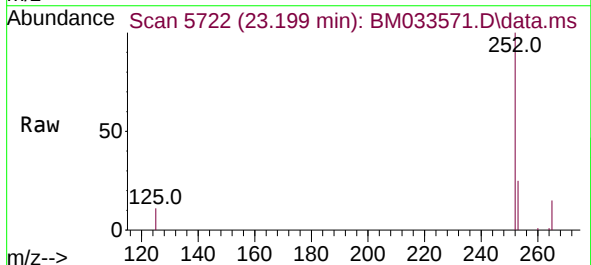


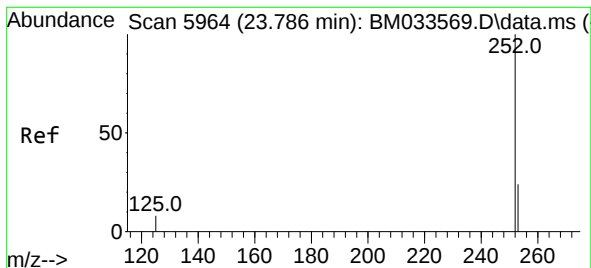
Tgt Ion:252 Resp: 8069
Ion Ratio Lower Upper
252 100
253 26.8 0.0 64.2
125 11.9 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 1.598 ng/ul
RT: 23.199 min Scan# 5722
Delta R.T. -0.007 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

Tgt Ion:252 Resp: 8456
Ion Ratio Lower Upper
252 100
253 25.4 26.8 40.2#
125 10.7 12.0 18.0#





#26

Benzo(a)pyrene

Concen: 1.666 ng/ul

RT: 23.781 min Scan# 5964

Delta R.T. -0.005 min

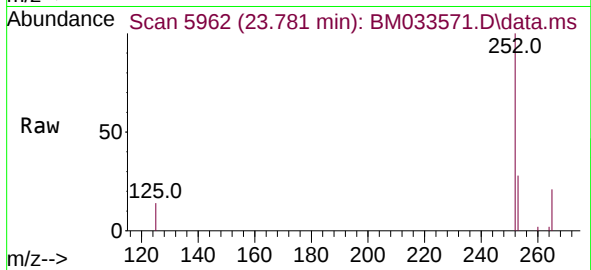
Lab File: BM033571.D

Acq: 22 Dec 2021 11:27

Instrument :

BNA_M

ClientSampleId :



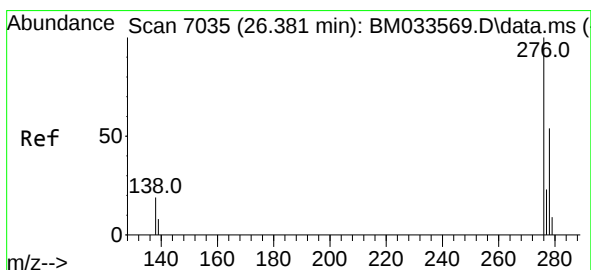
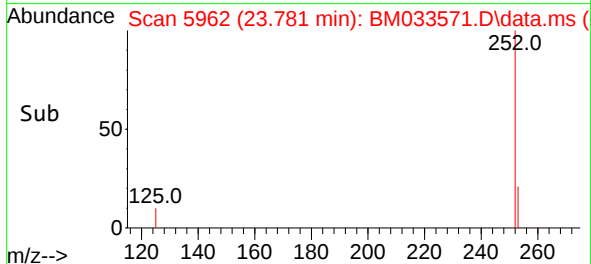
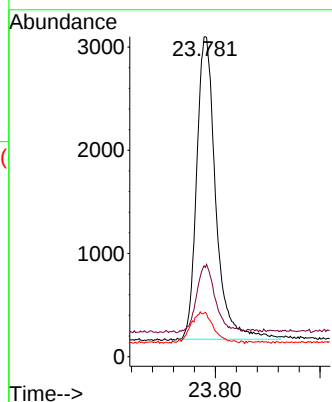
Tgt Ion:252 Resp: 7398

Ion Ratio Lower Upper

252 100

253 27.9 32.0 48.0#

125 13.9 14.5 21.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.074 ng/ul

RT: 26.363 min Scan# 7028

Delta R.T. -0.017 min

Lab File: BM033571.D

Acq: 22 Dec 2021 11:27

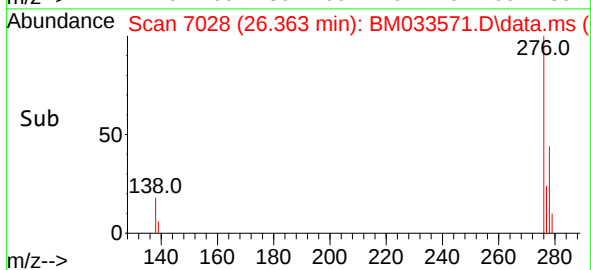
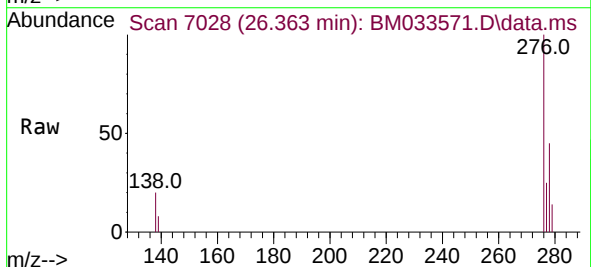
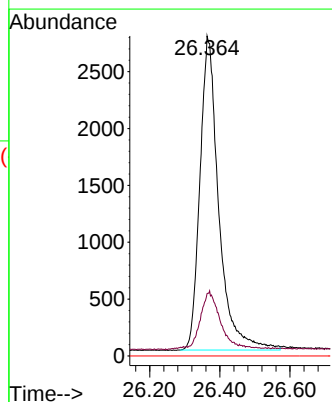
Tgt Ion:276 Resp: 10289

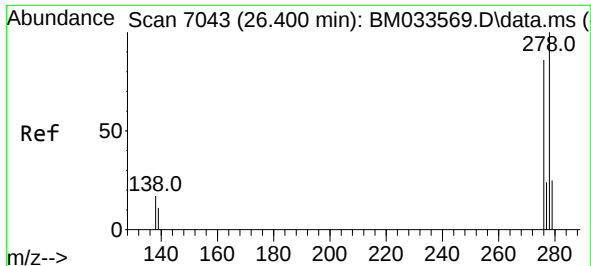
Ion Ratio Lower Upper

276 100

138 19.0 15.8 23.6

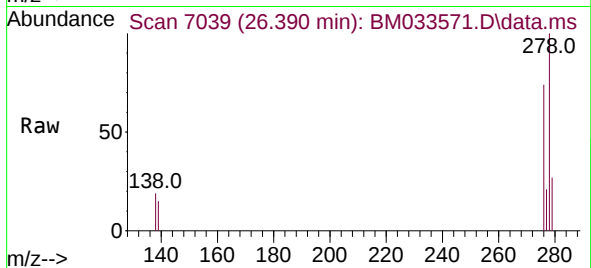
227 0.0 0.0 0.0



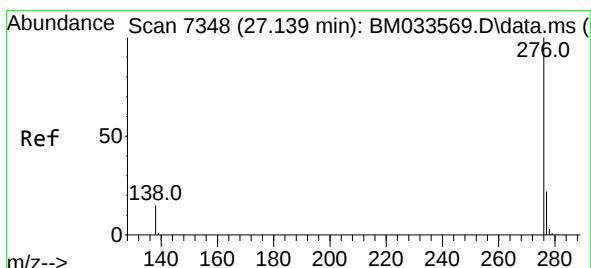
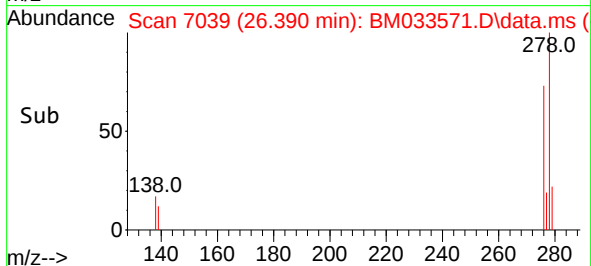
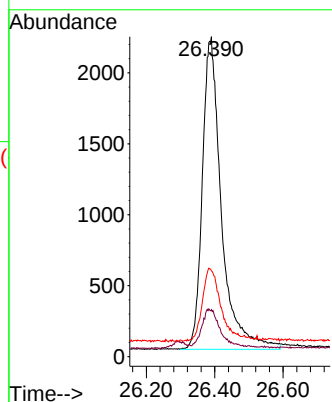


#28
Dibenzo(a,h)anthracene
Concen: 2.069 ng/ul
RT: 26.390 min Scan# 7043
Delta R.T. -0.010 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 8502
Ion Ratio Lower Upper
278 100
139 14.7 18.0 27.0#
279 26.8 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 2.020 ng/ul
RT: 27.127 min Scan# 7343
Delta R.T. -0.012 min
Lab File: BM033571.D
Acq: 22 Dec 2021 11:27

Tgt Ion:276 Resp: 9027
Ion Ratio Lower Upper
276 100
138 19.1 17.4 26.0
277 25.2 22.6 33.8

