

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053122\
 Data File : BN020004.D
 Acq On : 31 May 2022 16:07
 Operator : CG/JU
 Sample : SST03.249
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST03.2249

Quant Time: May 31 16:46:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:19:36 2022
 Response via : Initial Calibration

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

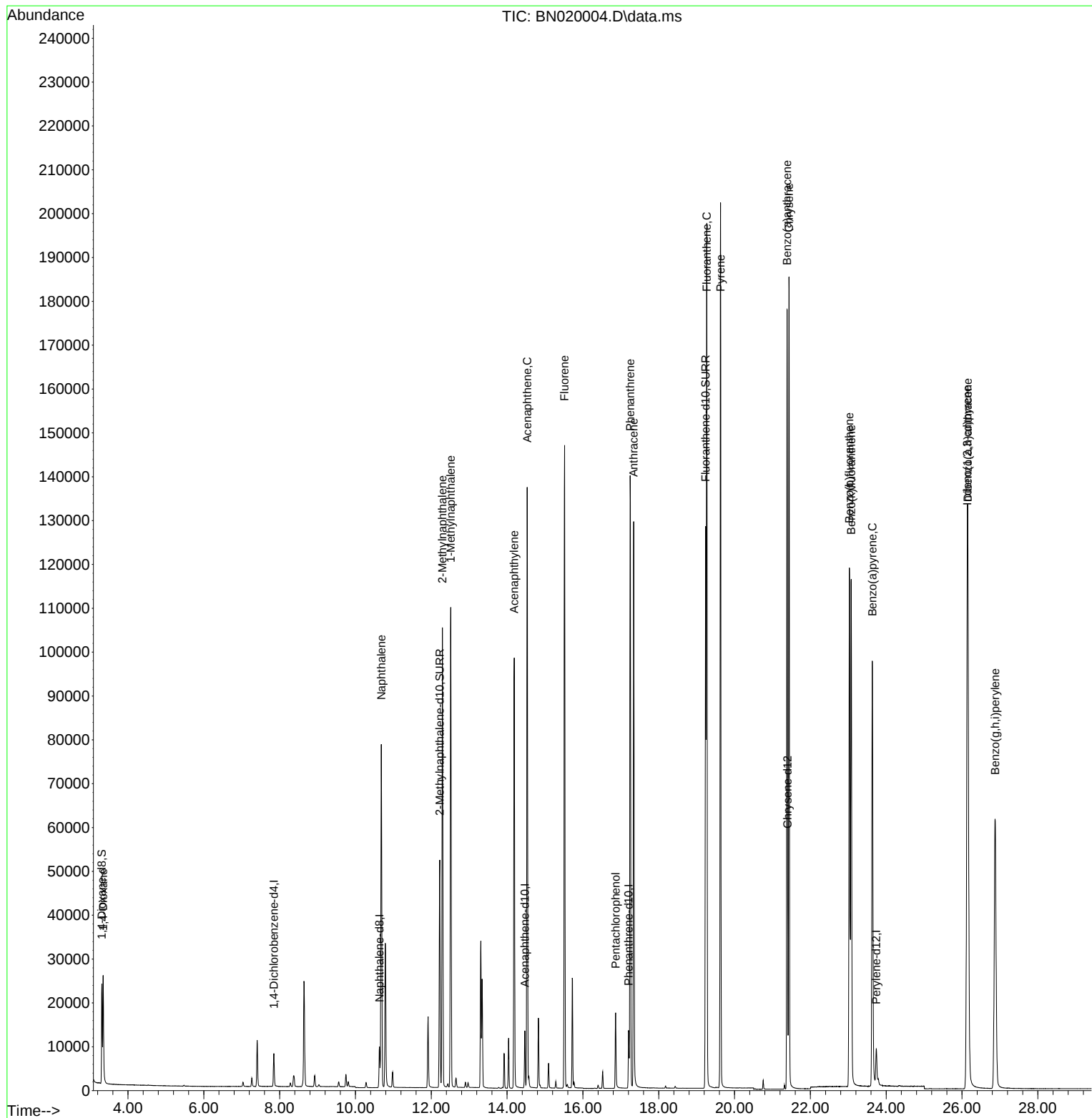
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	4052	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	12788	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.470	164	7486	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	15254	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	14336	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	11490	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	14346	3.797	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	67057	3.213	ng/ul	0.00
18) Fluoranthene-d10	19.235	212	140379	2.739	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.345	88	15362	3.896	ng/ul#	68
5) Naphthalene	10.683	128	110726	2.761	ng/ul	98
7) 2-Methylnaphthalene	12.295	142	73782	2.776	ng/ul#	100
8) 1-Methylnaphthalene	12.515	142	77599	3.137	ng/ul#	100
10) Acenaphthylene	14.188	152	114120	2.675	ng/ul	98
11) Acenaphthene	14.530	153	80314	2.778	ng/ul	99
12) Fluorene	15.516	166	93622	2.896	ng/ul	100
14) Pentachlorophenol	16.863	266	11802	4.645	ng/ul	90
15) Phenanthrene	17.247	178	151091	2.817	ng/ul	99
16) Anthracene	17.340	178	142331	2.831	ng/ul	98
19) Fluoranthene	19.268	202	173347	2.423	ng/ul	98
20) Pyrene	19.630	202	169619	2.336	ng/ul	99
21) Benzo(a)anthracene	21.383	228	158869	2.712	ng/ul	99
22) Chrysene	21.436	228	161817	2.734	ng/ul	99
24) Benzo(b)fluoranthene	23.028	252	158991	3.130	ng/ul	88
25) Benzo(k)fluoranthene	23.078	252	154088	3.115	ng/ul	95
26) Benzo(a)pyrene	23.634	252	146140	3.043	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.138	276	163549	3.246	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.155	278	135170	3.273	ng/ul#	78
29) Benzo(g,h,i)perylene	26.873	276	136745	3.173	ng/ul	97

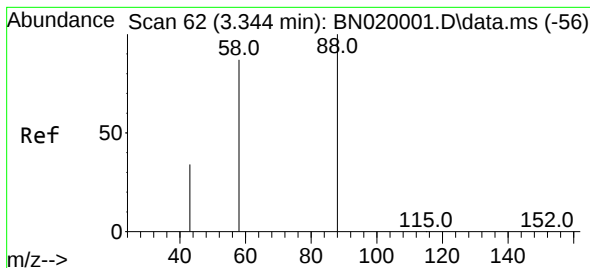
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.896 ng/ul

RT: 3.345 min Scan# 61

Delta R.T. 0.000 min

Lab File: BN020004.D

Acq: 31 May 2022 16:07

Instrument :

BNA_N

ClientSampleId :

SSTD3.2249

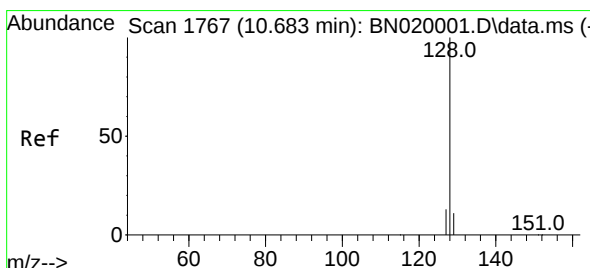
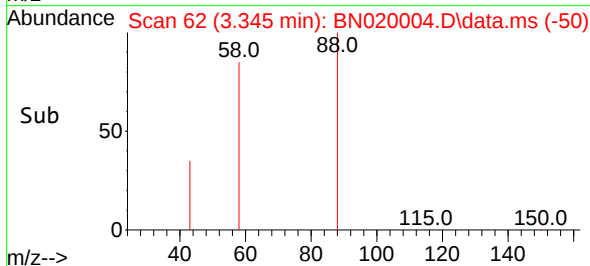
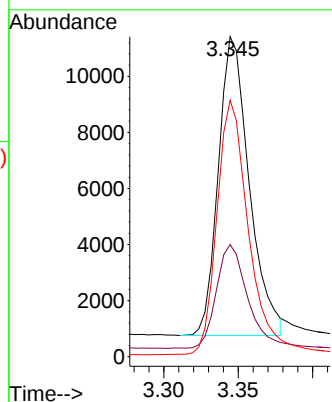
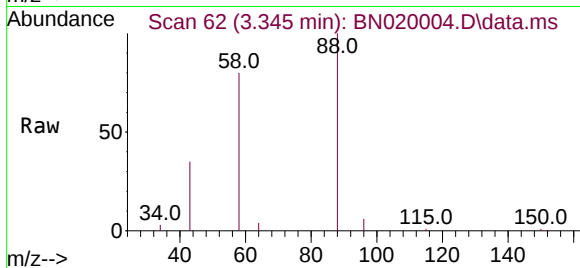
Tgt Ion: 88 Resp: 15362

Ion Ratio Lower Upper

88 100

43 35.1 39.0 58.4#

58 80.2 39.8 59.8#



#5

Naphthalene

Concen: 2.761 ng/ul

RT: 10.683 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BN020004.D

Acq: 31 May 2022 16:07

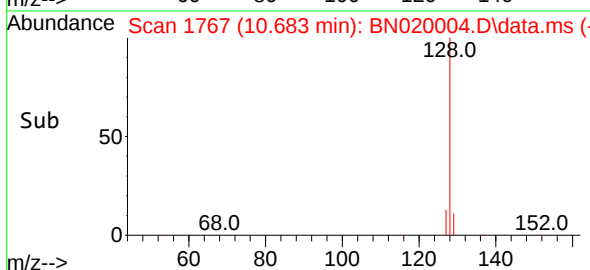
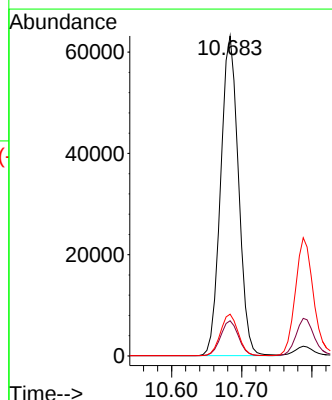
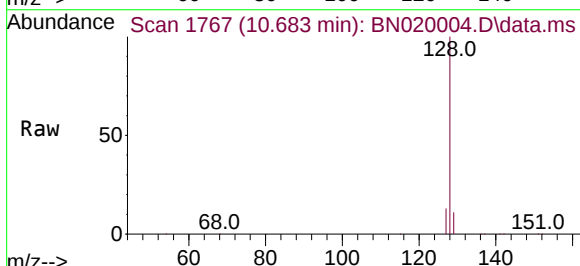
Tgt Ion:128 Resp: 110726

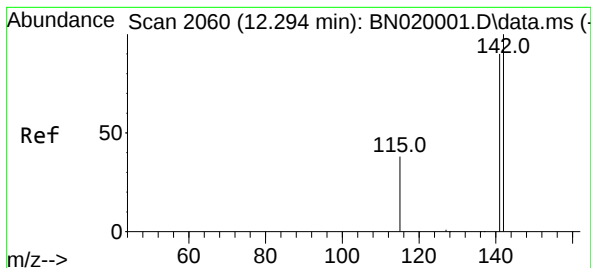
Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

127 13.1 11.0 16.4

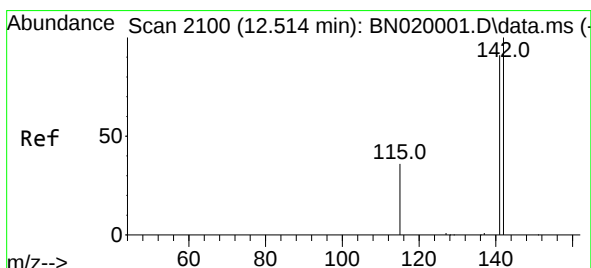
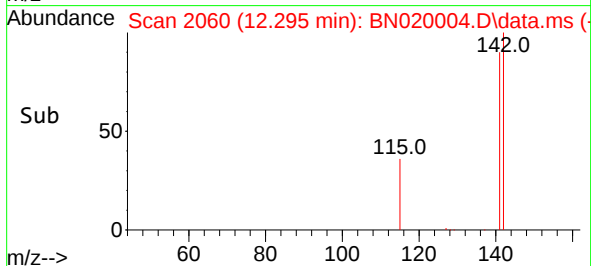
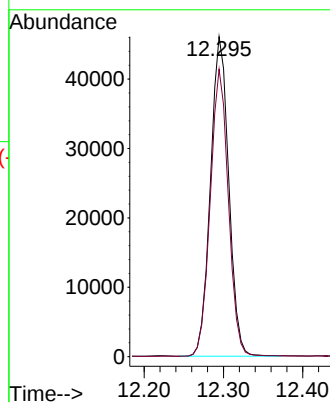
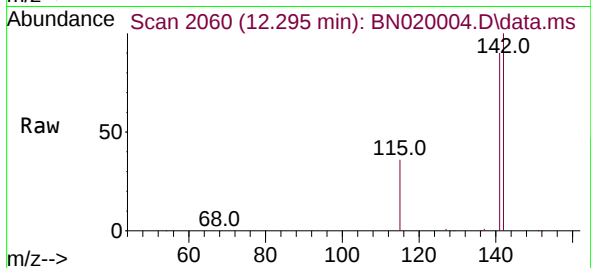




#7
2-Methylnaphthalene
Concen: 2.776 ng/ul
RT: 12.295 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

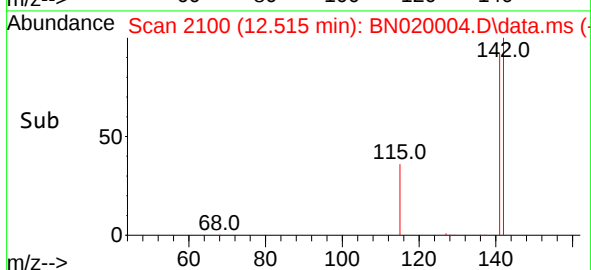
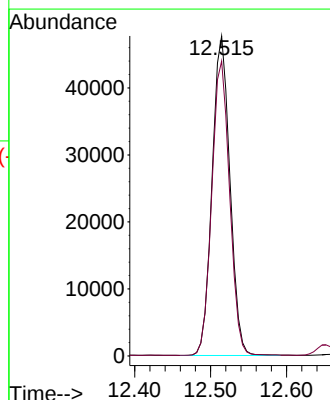
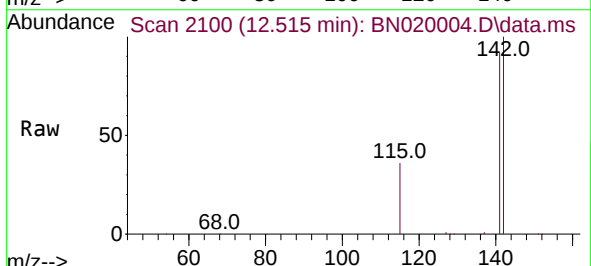
Instrument :
BNA_N
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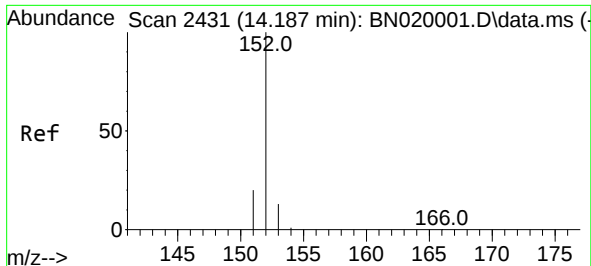
Tgt Ion:142 Resp: 73782
Ion Ratio Lower Upper
142 100
141 89.0 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 3.137 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

Tgt Ion:142 Resp: 77599
Ion Ratio Lower Upper
142 100
141 92.4 0.0 0.0#

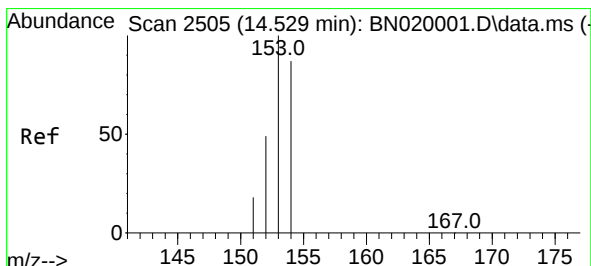
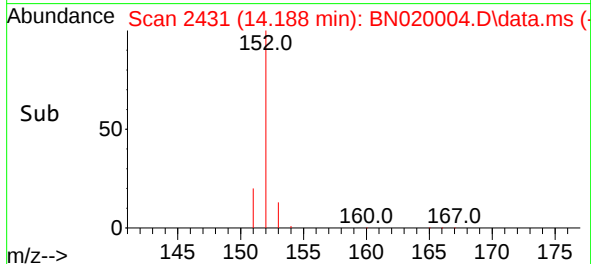
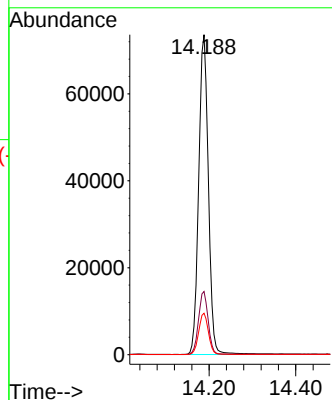
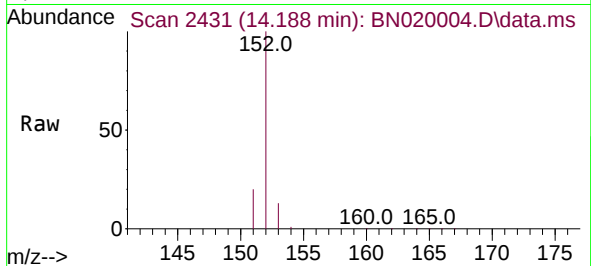




#10
Acenaphthylene
Concen: 2.675 ng/ul
RT: 14.188 min Scan# 2431
Delta R.T. 0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

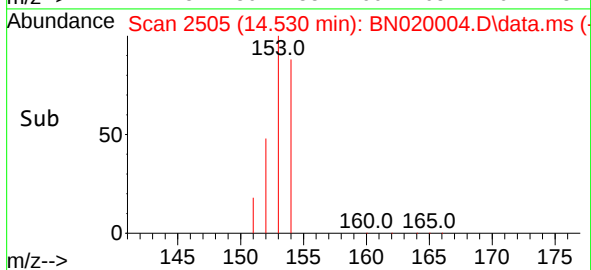
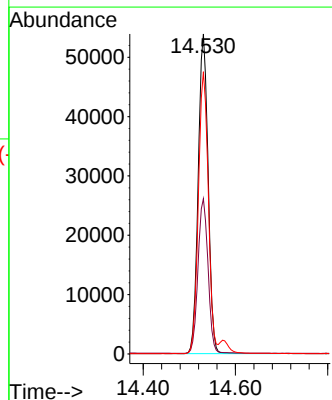
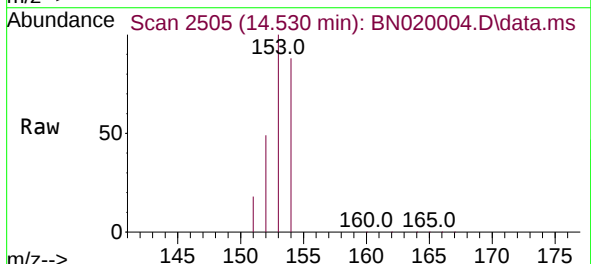
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

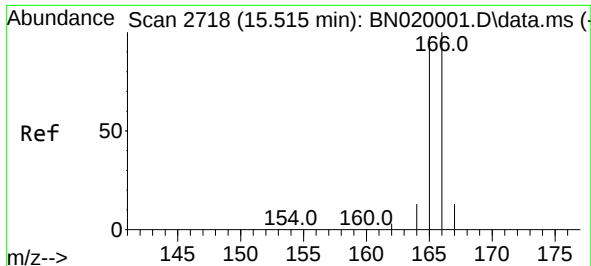
Tgt Ion:152 Resp: 114120
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.0 11.1 16.7



#11
Acenaphthene
Concen: 2.778 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

Tgt Ion:153 Resp: 80314
Ion Ratio Lower Upper
153 100
152 48.5 38.6 57.8
154 88.2 71.2 106.8

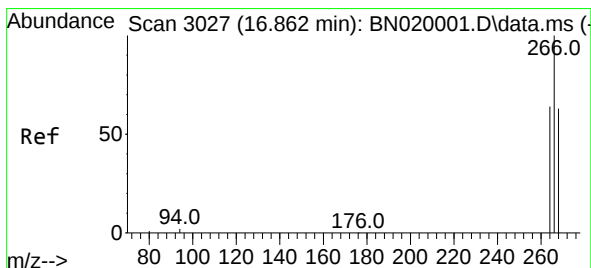
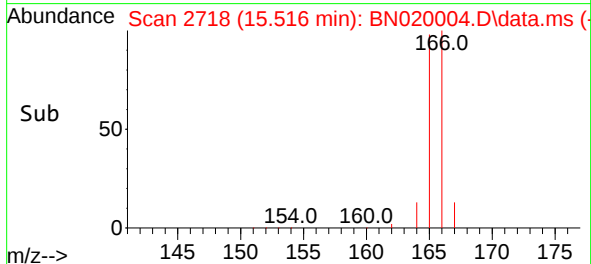
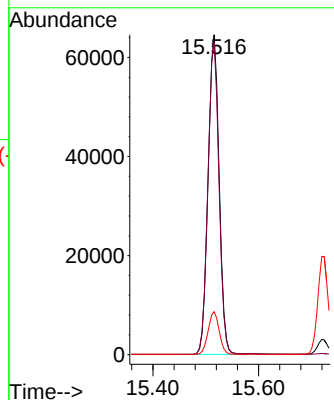
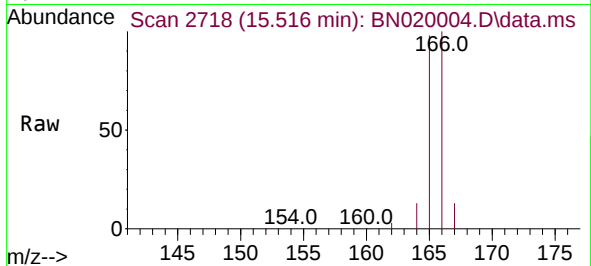




#12
Fluorene
Concen: 2.896 ng/ul
RT: 15.516 min Scan# 2718
Delta R.T. 0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

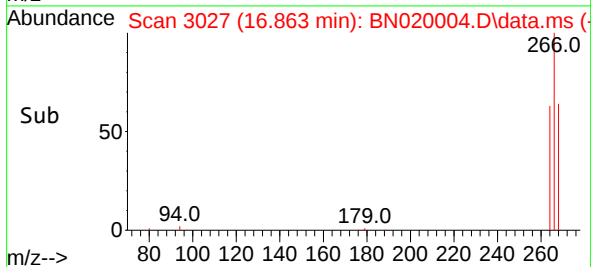
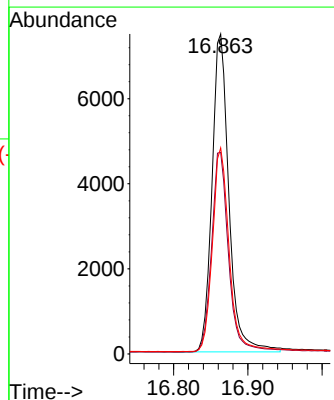
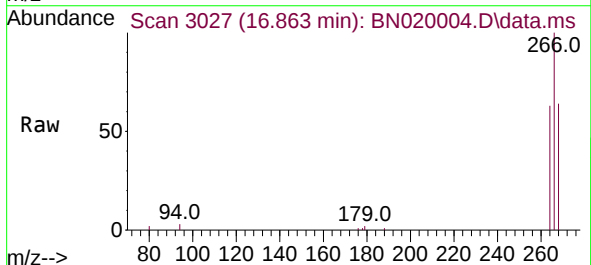
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

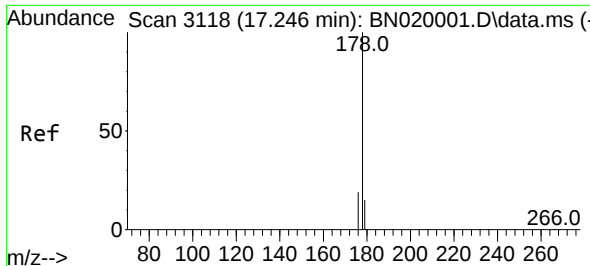
Tgt Ion:166 Resp: 93622
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.4 11.3 16.9



#14
Pentachlorophenol
Concen: 4.645 ng/ul
RT: 16.863 min Scan# 3027
Delta R.T. 0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

Tgt Ion:266 Resp: 11802
Ion Ratio Lower Upper
266 100
264 63.0 44.9 67.3
268 63.6 44.6 67.0

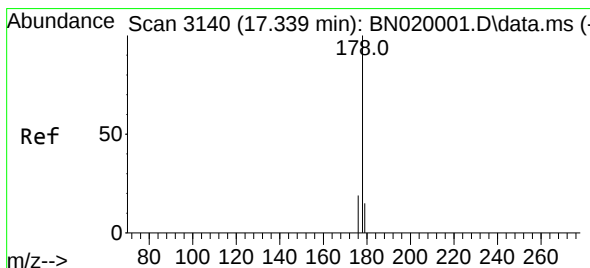
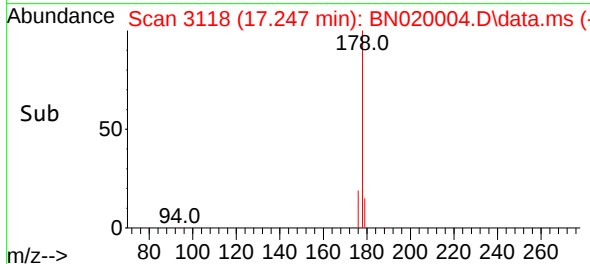
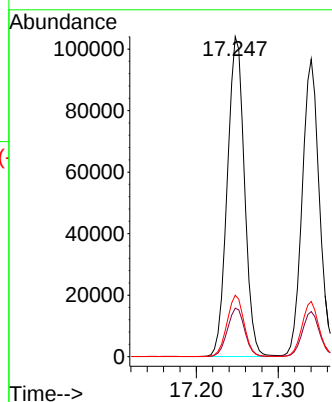
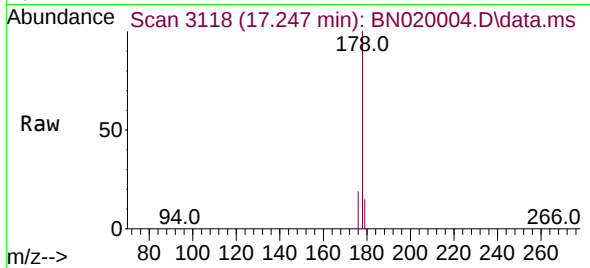




#15
Phenanthrene
Concen: 2.817 ng/ul
RT: 17.247 min Scan# 3118
Delta R.T. 0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

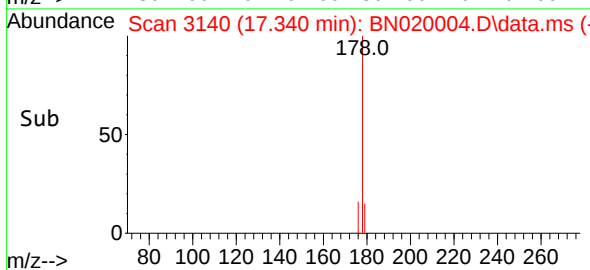
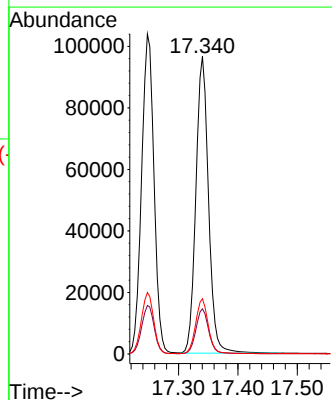
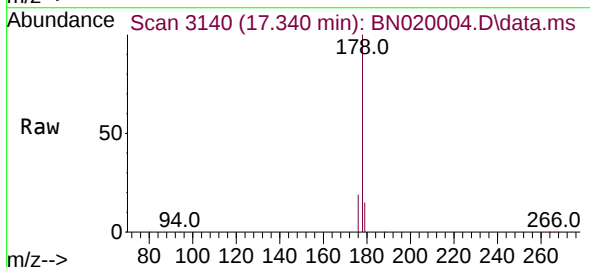
Instrument :
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SSTD3.2249

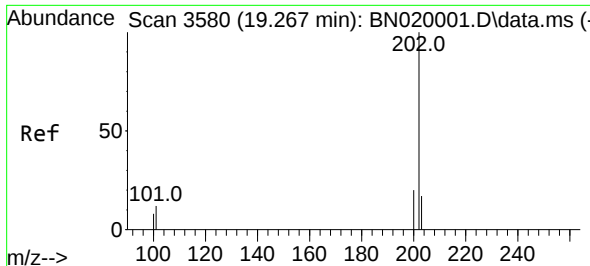
Tgt Ion:178 Resp: 151091
Ion Ratio Lower Upper
178 100
179 15.2 12.9 19.3
176 19.2 15.5 23.3



#16
Anthracene
Concen: 2.831 ng/ul
RT: 17.340 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

Tgt Ion:178 Resp: 142331
Ion Ratio Lower Upper
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179 15.2 13.1 19.7
176 18.5 15.3 22.9

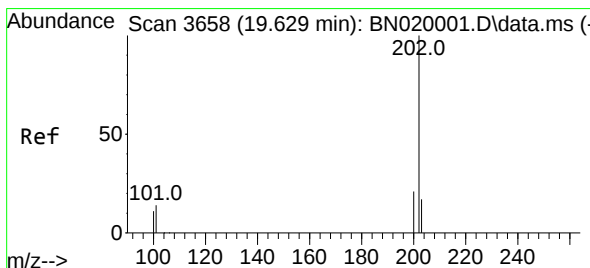
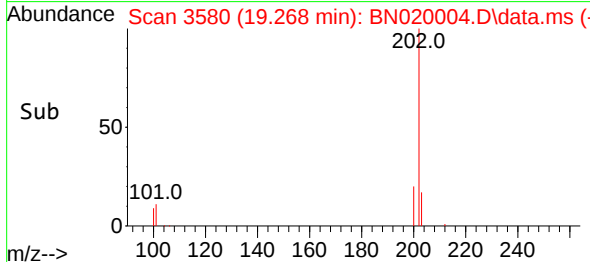
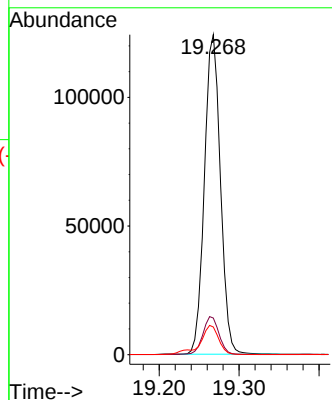
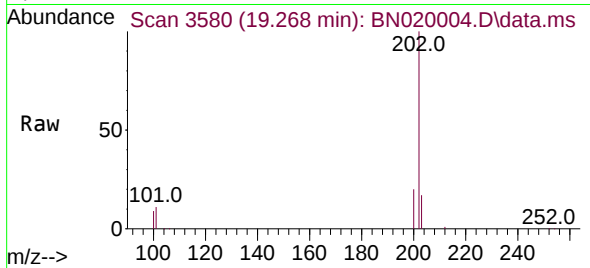




#19
Fluoranthene
Concen: 2.423 ng/ul
RT: 19.268 min Scan# 3580
Delta R.T. 0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

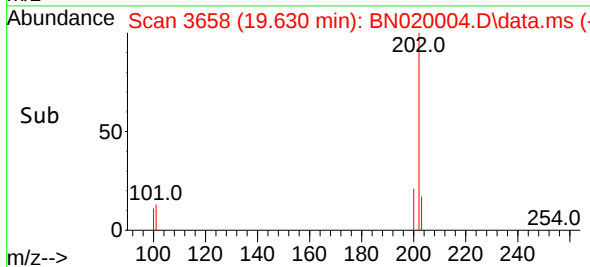
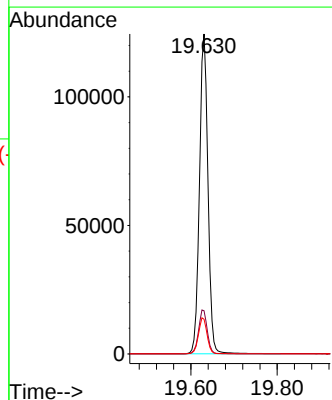
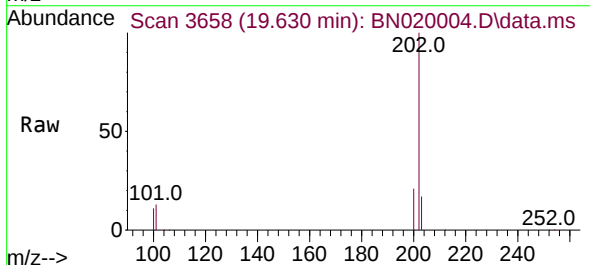
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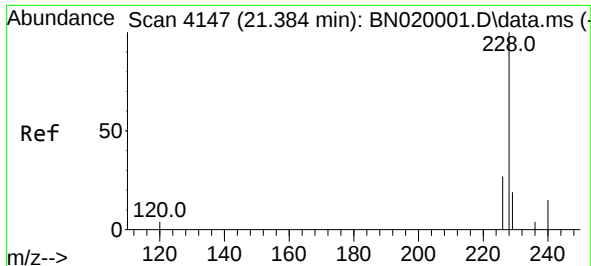
Tgt Ion:202 Resp: 173347
Ion Ratio Lower Upper
202 100
101 11.4 9.7 14.5
100 8.6 7.4 11.2



#20
Pyrene
Concen: 2.336 ng/ul
RT: 19.630 min Scan# 3658
Delta R.T. 0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

Tgt Ion:202 Resp: 169619
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.8 9.0 13.4

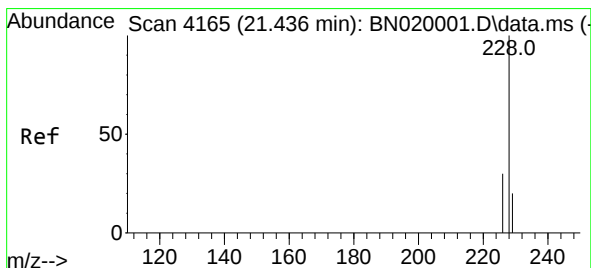
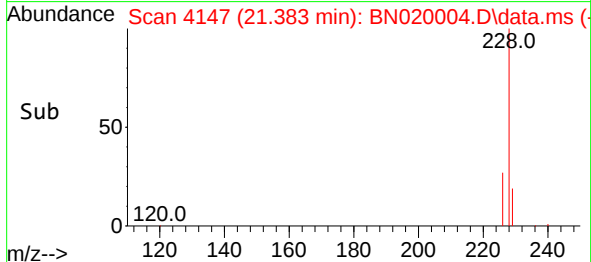
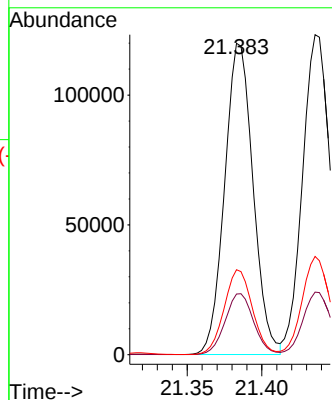
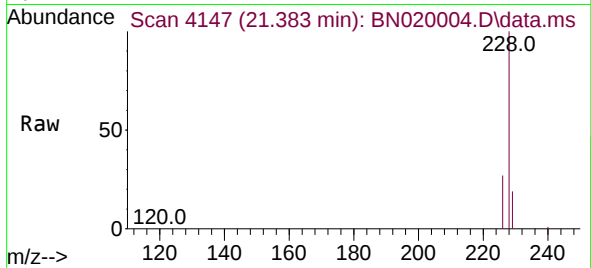




#21
Benzo(a)anthracene
Concen: 2.712 ng/ul
RT: 21.383 min Scan# 4147
Delta R.T. -0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

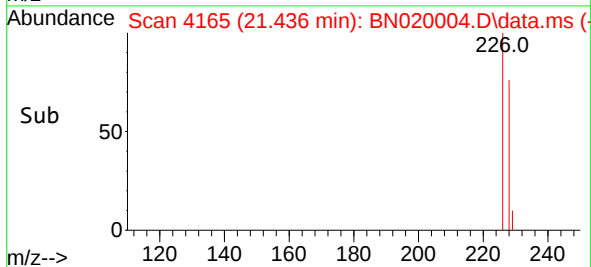
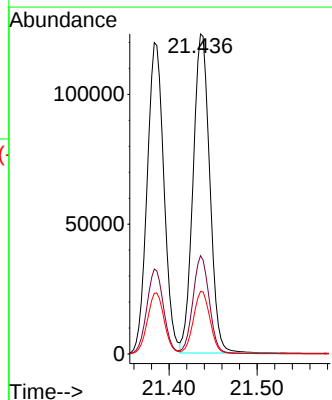
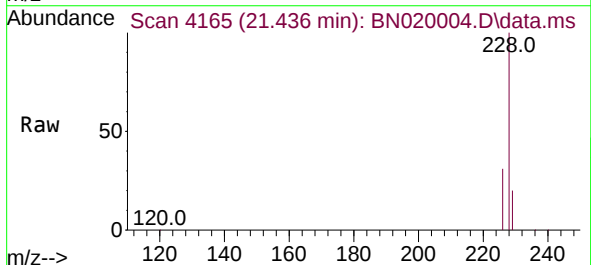
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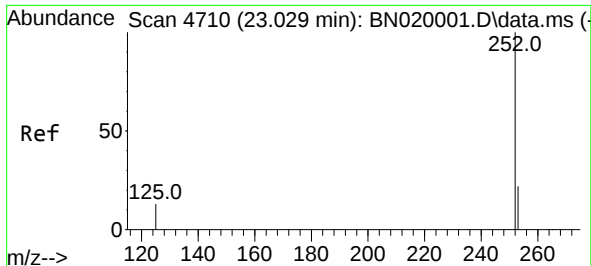
Tgt Ion:228 Resp: 158869
Ion Ratio Lower Upper
228 100
229 19.5 16.1 24.1
226 27.3 22.1 33.1



#22
Chrysene
Concen: 2.734 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. -0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

Tgt Ion:228 Resp: 161817
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 19.5 16.0 24.0

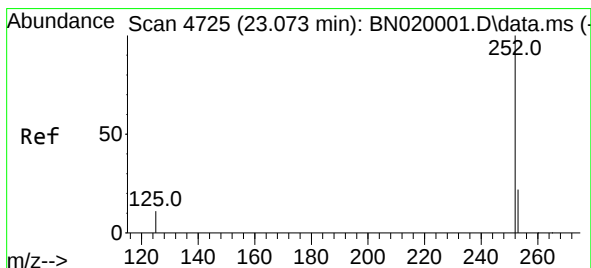
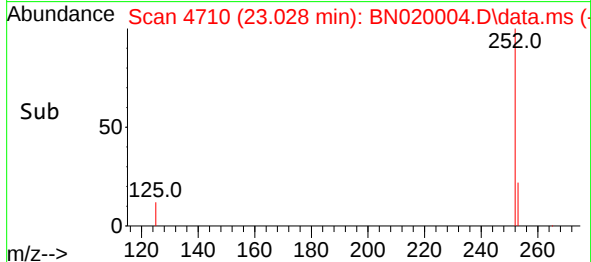
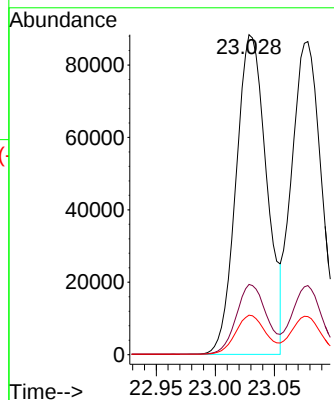
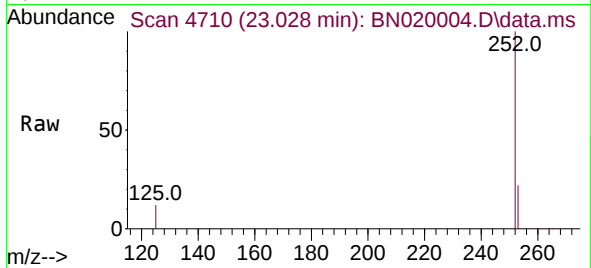




#24
Benzo(b)fluoranthene
Concen: 3.130 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

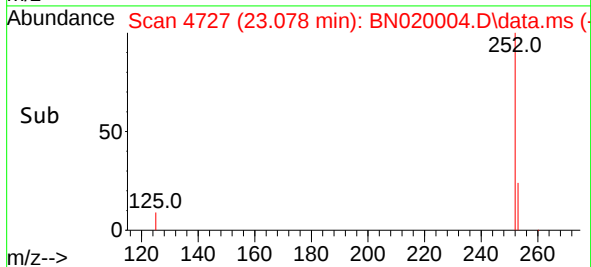
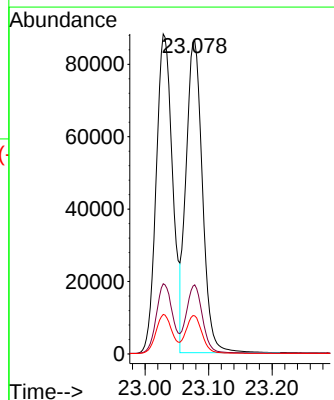
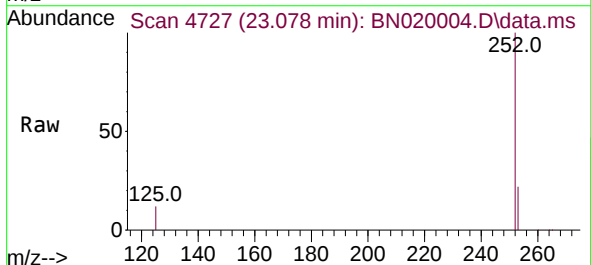
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

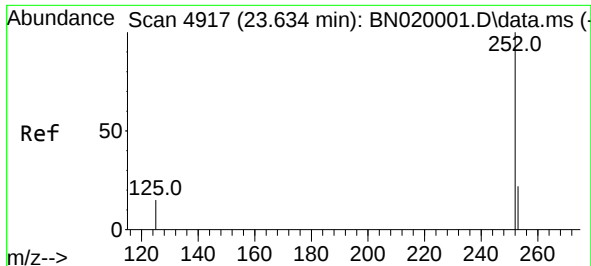
Tgt Ion:252 Resp: 158991
Ion Ratio Lower Upper
252 100
253 21.9 0.0 52.0
125 12.3 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 3.115 ng/ul
RT: 23.078 min Scan# 4727
Delta R.T. 0.005 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

Tgt Ion:252 Resp: 154088
Ion Ratio Lower Upper
252 100
253 22.1 20.2 30.2
125 12.2 11.0 16.6

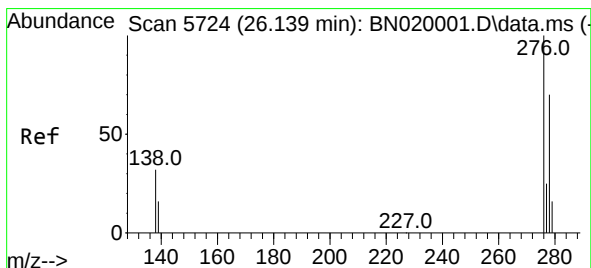
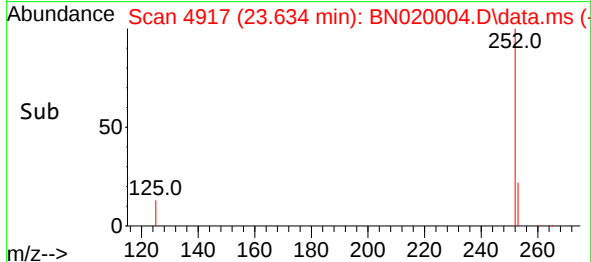
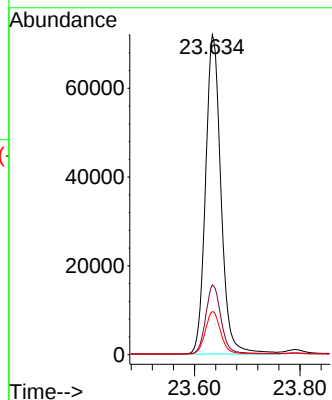
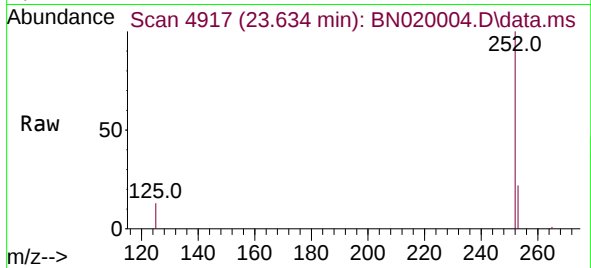




#26
Benzo(a)pyrene
Concen: 3.043 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

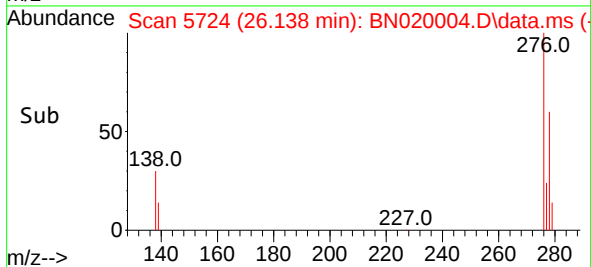
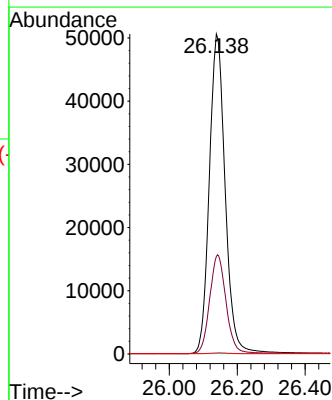
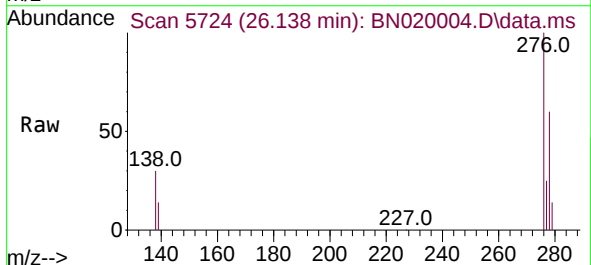
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

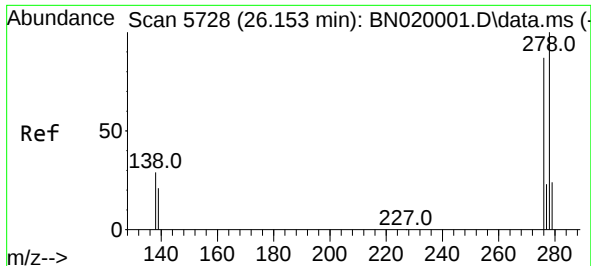
Tgt Ion:252 Resp: 146140
Ion Ratio Lower Upper
252 100
253 21.8 23.4 35.0#
125 13.4 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.246 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. -0.001 min
Lab File: BN020004.D
Acq: 31 May 2022 16:07

Tgt Ion:276 Resp: 163549
Ion Ratio Lower Upper
276 100
138 32.0 23.6 35.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 3.273 ng/ul

RT: 26.155 min Scan# 51

Delta R.T. 0.003 min

Lab File: BN020004.D

Acq: 31 May 2022 16:07

Instrument :

BNA_N

ClientSampleId :

SSTD3.2249

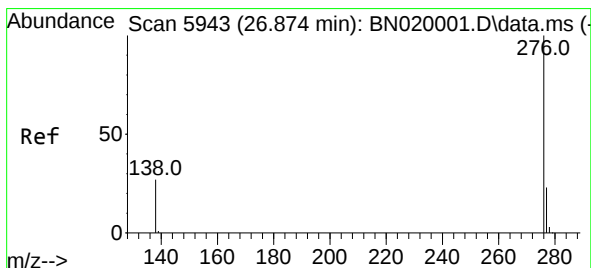
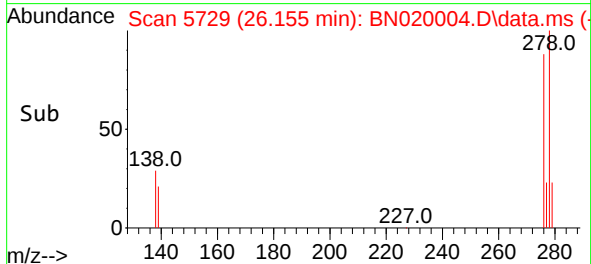
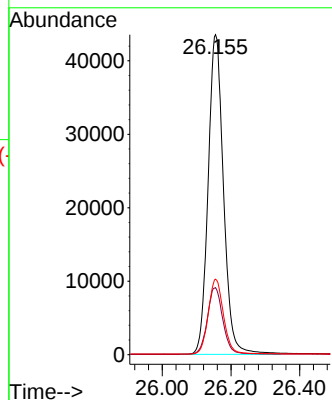
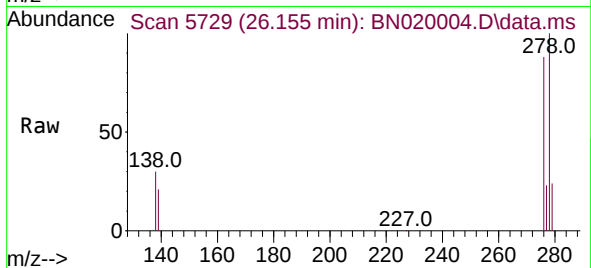
Tgt Ion:278 Resp: 135170

Ion Ratio Lower Upper

278 100

139 21.0 18.6 28.0

279 23.6 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 3.173 ng/ul

RT: 26.873 min Scan# 5943

Delta R.T. -0.001 min

Lab File: BN020004.D

Acq: 31 May 2022 16:07

Tgt Ion:276 Resp: 136745

Ion Ratio Lower Upper

276 100

138 27.5 20.9 31.3

277 23.9 20.4 30.6

