

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018025.D
 Acq On : 15 Dec 2021 15:15
 Operator : CG/JU
 Sample : SST0.445
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4245

Quant Time: Dec 15 17:20:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 17:18:54 2021
 Response via : Initial Calibration

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

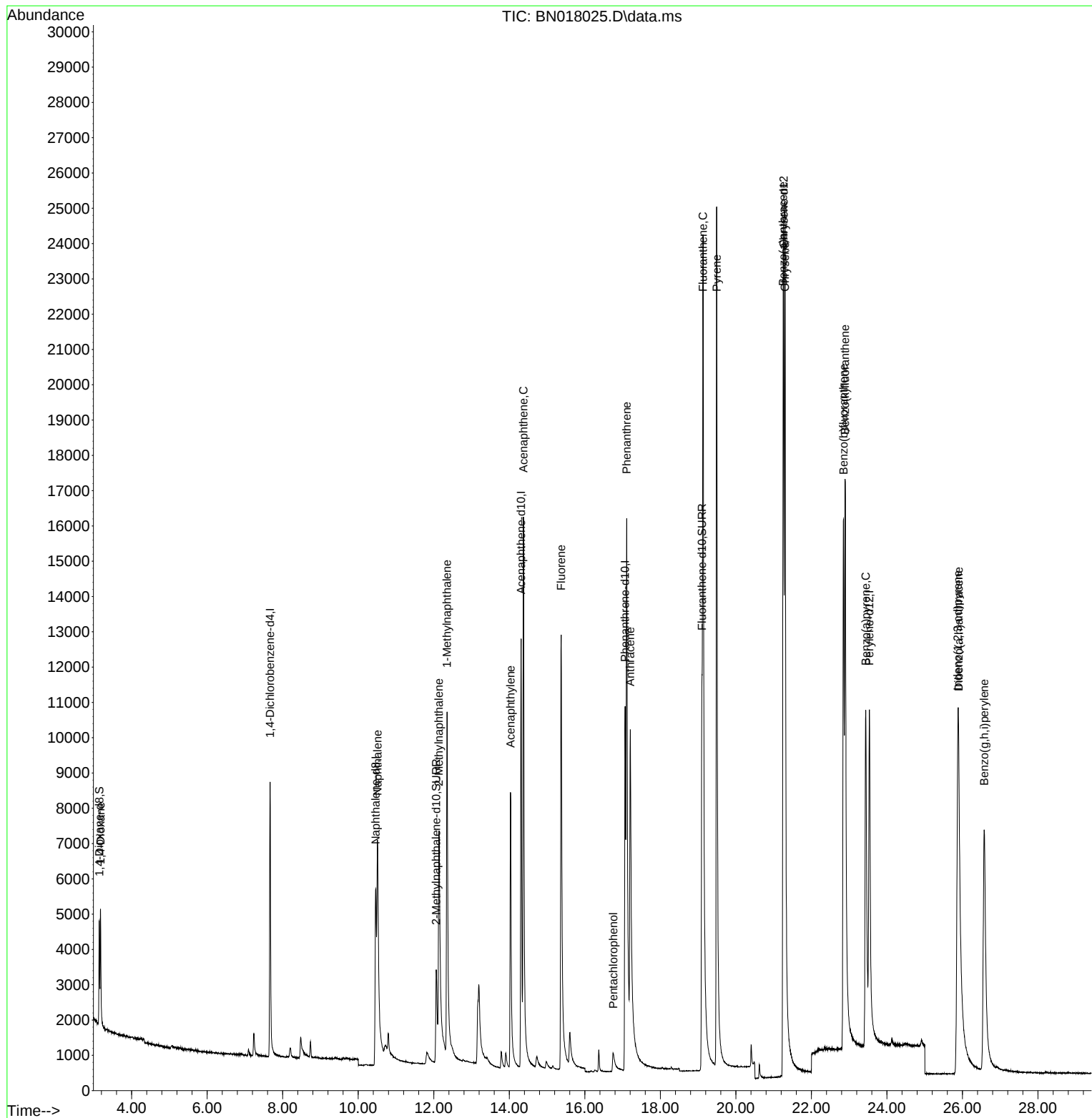
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	4803	0.400	ng/ul	0.00
4) Naphthalene-d8	10.465	136	13928	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.314	164	8896	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.067	188	17795	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.265	240	18750	0.400	ng/ul	# 0.00
23) Perylene-d12	23.535	264	15824	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2011	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.066	152	6420	0.299	ng/ul	0.00
18) Fluoranthene-d10	19.102	212	21402	0.318	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	2378	0.350	ng/ul#	45
5) Naphthalene	10.509	128	14613	0.379	ng/ul	98
7) 2-Methylnaphthalene	12.137	142	8396	0.304	ng/ul	100
8) 1-Methylnaphthalene	12.352	142	9673	0.355	ng/ul	100
10) Acenaphthylene	14.032	152	13749	0.322	ng/ul	99
11) Acenaphthene	14.374	153	12347	0.404	ng/ul	97
12) Fluorene	15.374	166	13718	0.379	ng/ul	99
14) Pentachlorophenol	16.755	266	996	0.256	ng/ul	97
15) Phenanthrene	17.109	178	23390	0.437	ng/ul	99
16) Anthracene	17.206	178	18566	0.345	ng/ul	99
19) Fluoranthene	19.129	202	30139	0.347	ng/ul	98
20) Pyrene	19.492	202	33334	0.375	ng/ul#	94
21) Benzo(a)anthracene	21.250	228	20760	0.298	ng/ul	99
22) Chrysene	21.300	228	31504	0.451	ng/ul	98
24) Benzo(b)fluoranthene	22.851	252	25402	0.393	ng/ul	85
25) Benzo(k)fluoranthene	22.892	252	31459	0.472	ng/ul#	83
26) Benzo(a)pyrene	23.439	252	23241	0.430	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.875	276	25474	0.559	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.898	278	18550	0.547	ng/ul#	83
29) Benzo(g,h,i)perylene	26.576	276	23037	0.553	ng/ul#	89

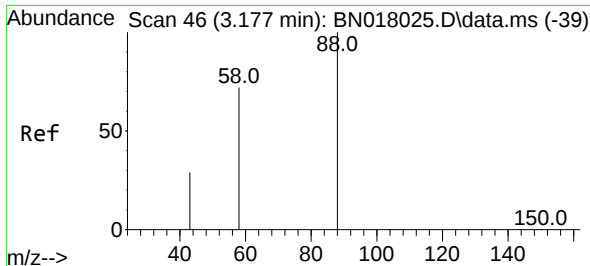
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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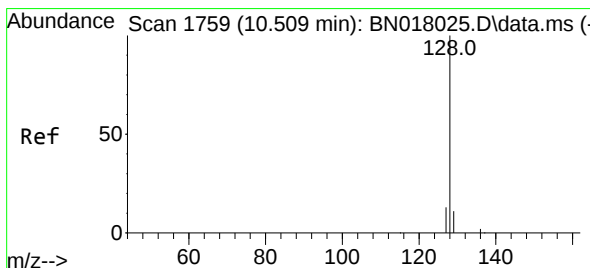
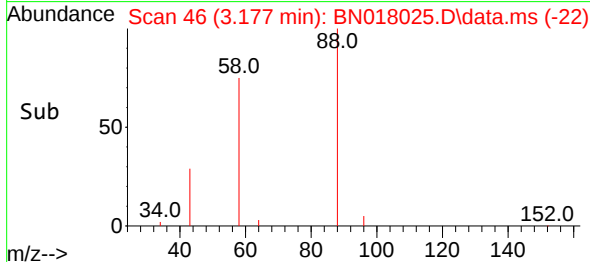
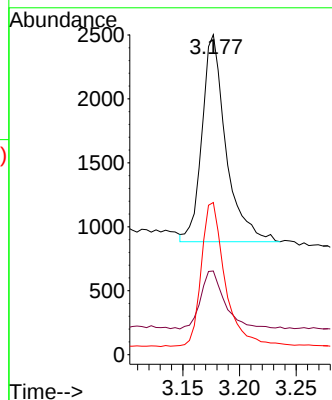
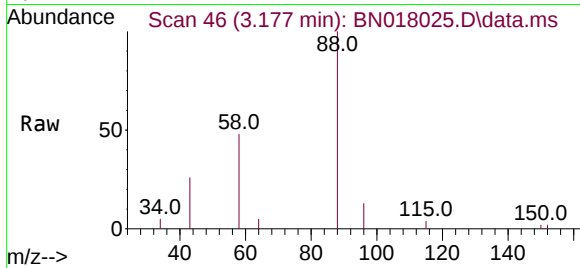




#2
1,4-Dioxane
Concen: 0.350 ng/ul
RT: 3.177 min Scan# 46
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

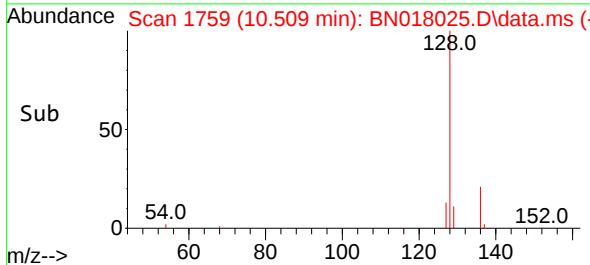
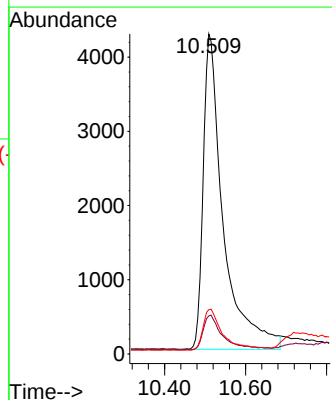
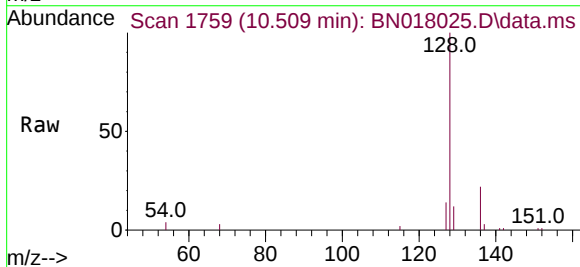
Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

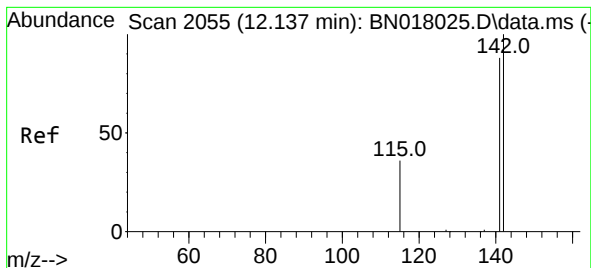
Tgt Ion: 88 Resp: 2378
Ion Ratio Lower Upper
88 100
43 26.1 85.8 128.6#
58 47.6 43.4 65.0



#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.509 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

Tgt Ion: 128 Resp: 14613
Ion Ratio Lower Upper
128 100
129 11.9 10.4 15.6
127 13.9 11.8 17.6

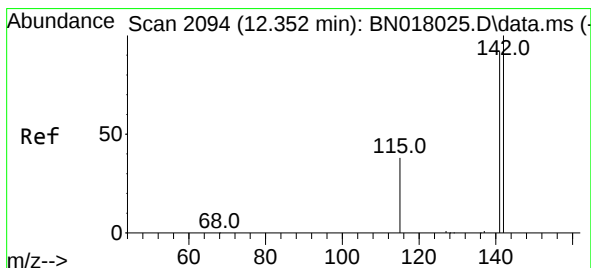
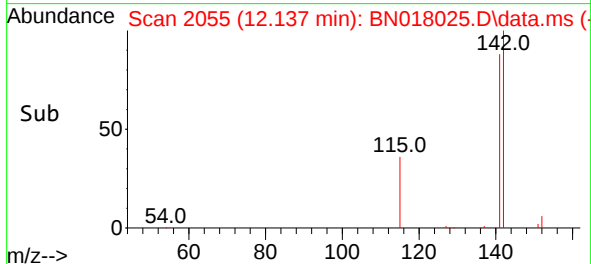
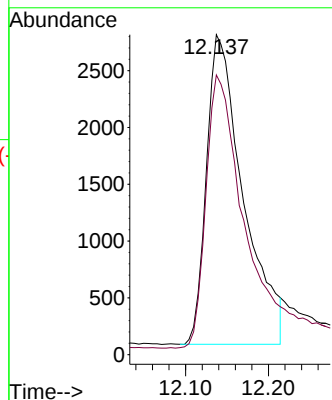
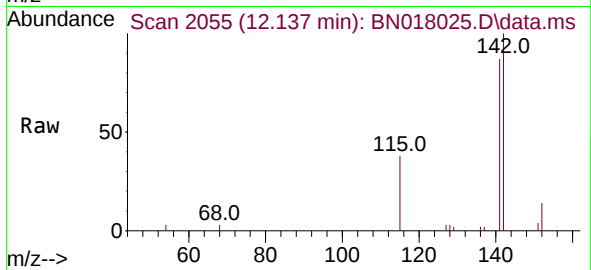




#7
2-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.137 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

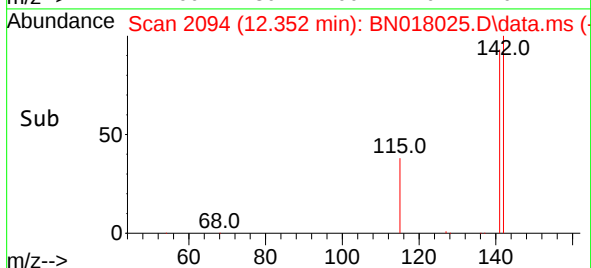
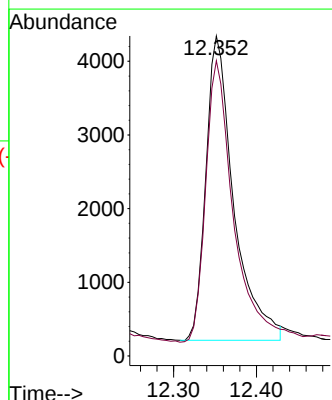
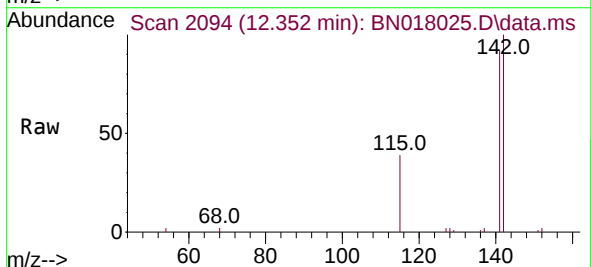
Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

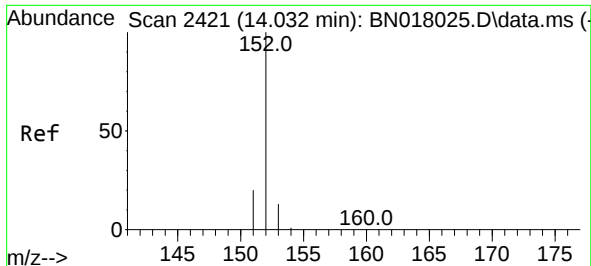
Tgt Ion:142 Resp: 8396
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.352 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

Tgt Ion:142 Resp: 9673
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9

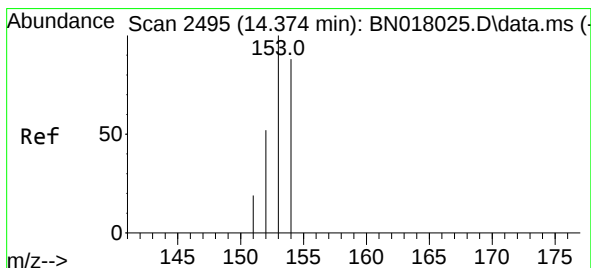
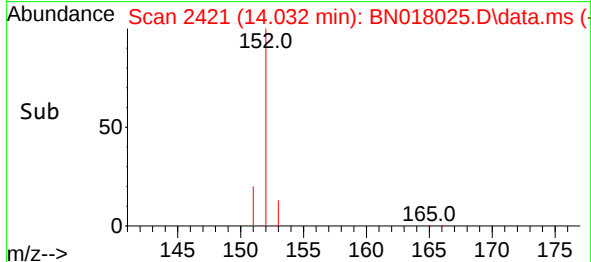
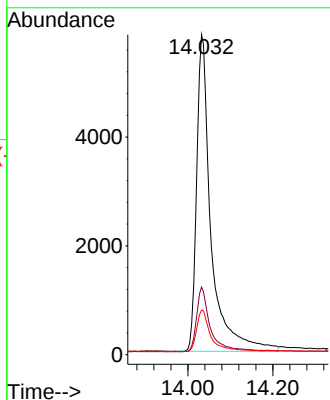
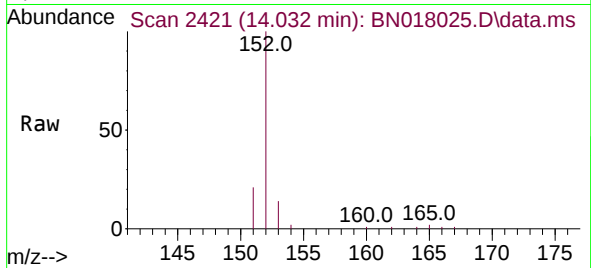




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.032 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

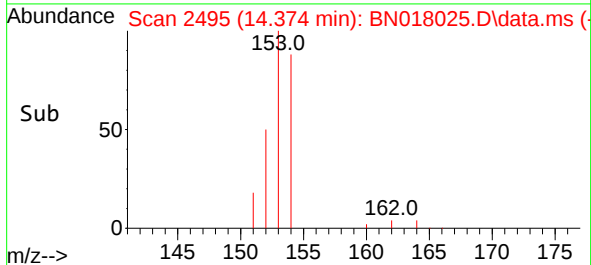
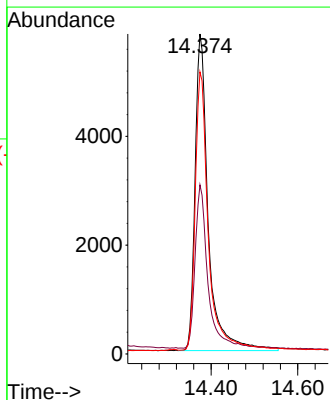
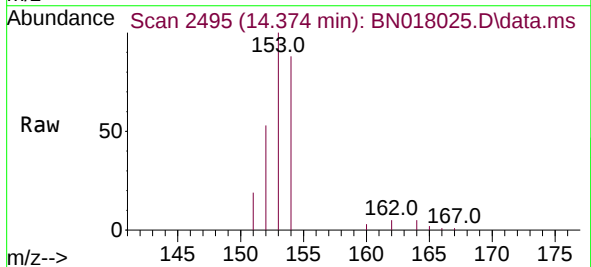
Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

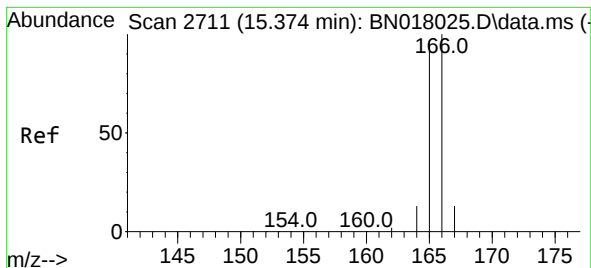
Tgt Ion:152 Resp: 13749
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.374 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

Tgt Ion:153 Resp: 12347
Ion Ratio Lower Upper
153 100
152 52.8 38.3 57.5
154 88.2 71.1 106.7





#12

Fluorene

Concen: 0.379 ng/ul

RT: 15.374 min Scan# 2711

Delta R.T. 0.000 min

Lab File: BN018025.D

Acq: 15 Dec 2021 15:15

Instrument :

BNA_N

ClientSampleId :

SSTD0.4245

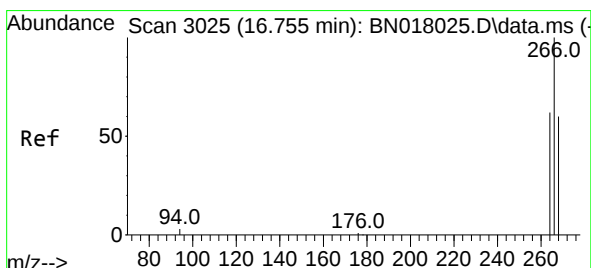
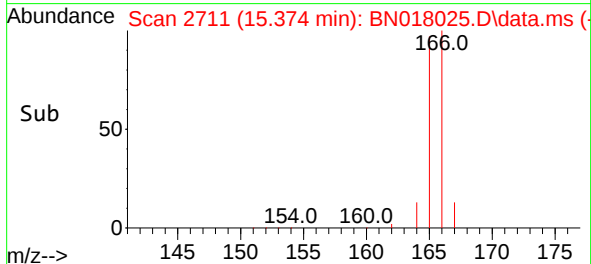
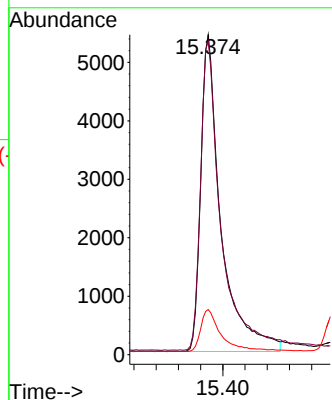
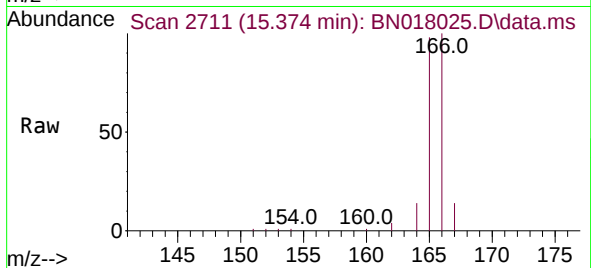
Tgt Ion:166 Resp: 13718

Ion Ratio Lower Upper

166 100

165 97.9 79.2 118.8

167 14.1 11.2 16.8



#14

Pentachlorophenol

Concen: 0.256 ng/ul

RT: 16.755 min Scan# 3025

Delta R.T. 0.000 min

Lab File: BN018025.D

Acq: 15 Dec 2021 15:15

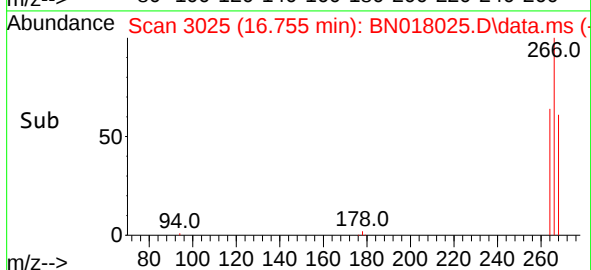
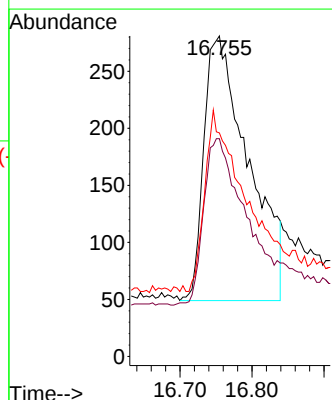
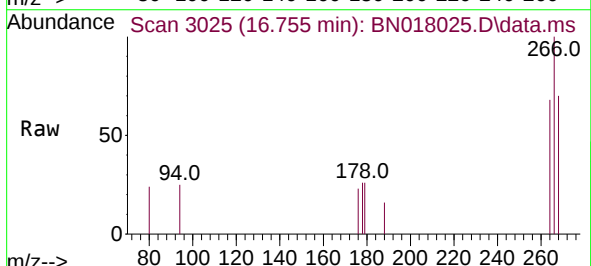
Tgt Ion:266 Resp: 996

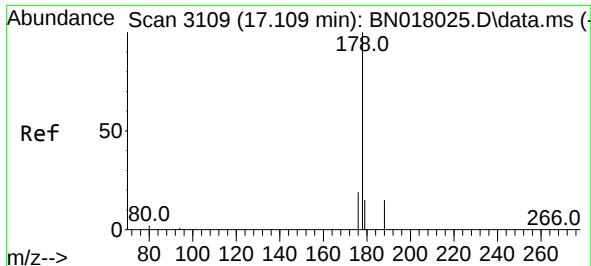
Ion Ratio Lower Upper

266 100

264 61.1 50.3 75.5

268 62.3 52.2 78.4

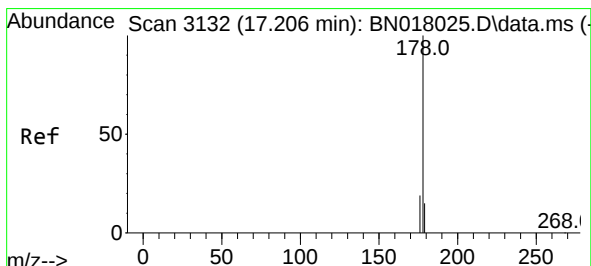
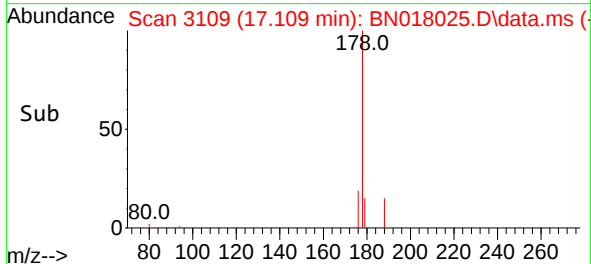
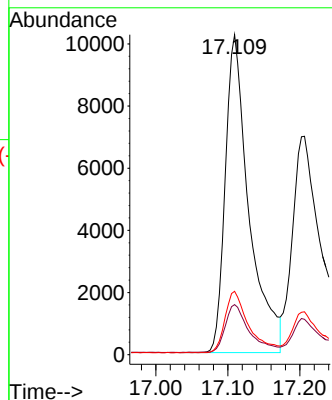
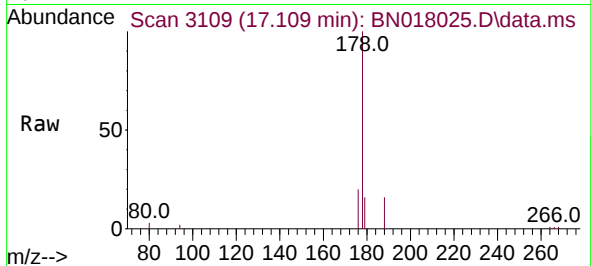




#15
Phenanthrene
Concen: 0.437 ng/ul
RT: 17.109 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

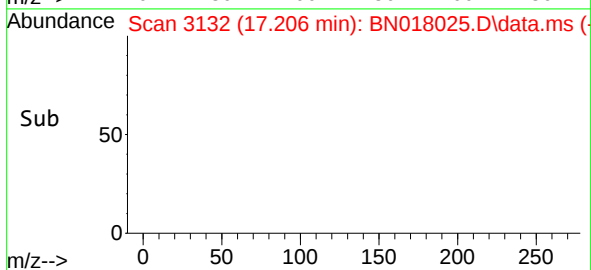
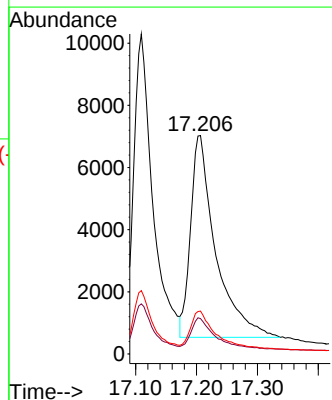
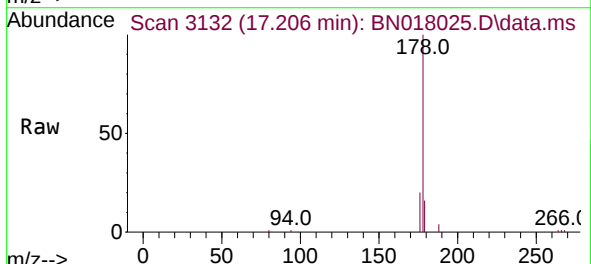
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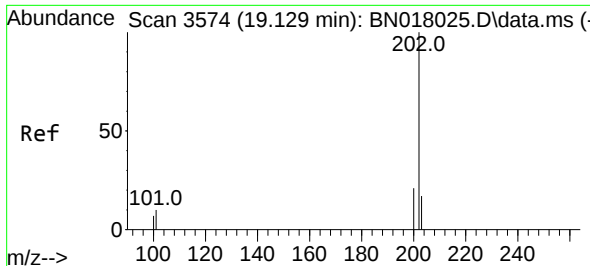
Tgt Ion:178 Resp: 23390
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.206 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

Tgt Ion:178 Resp: 18566
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 19.6 15.1 22.7

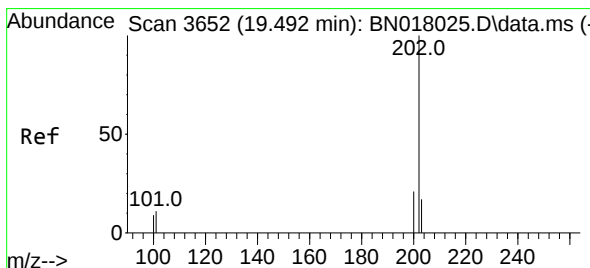
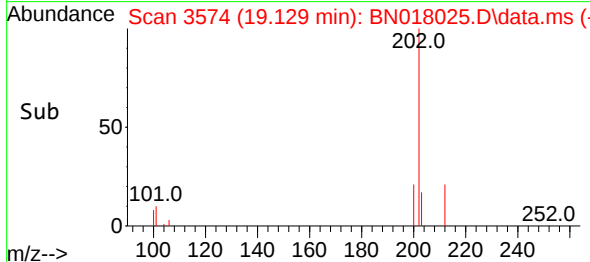
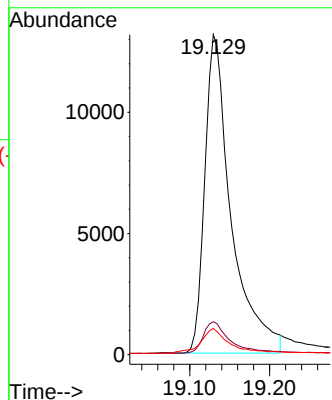
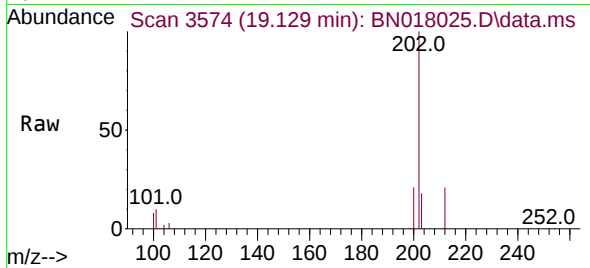




#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.129 min Scan# 3574
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

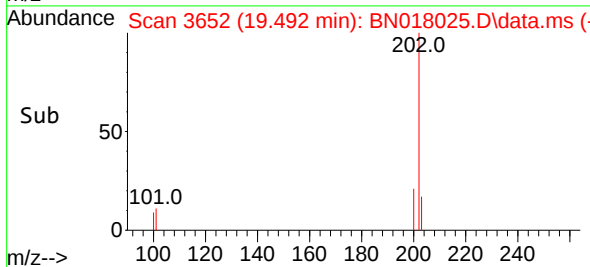
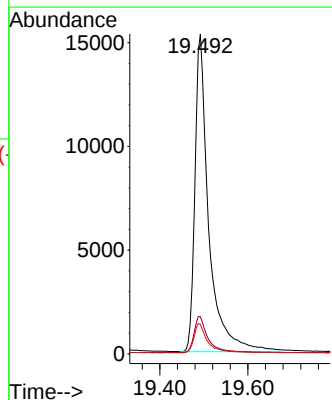
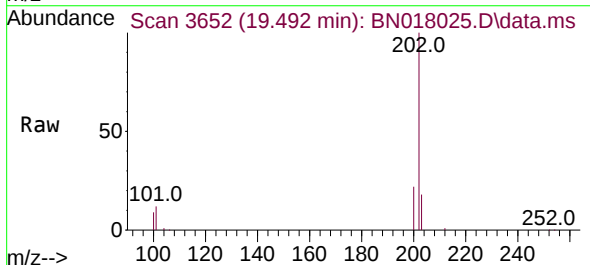
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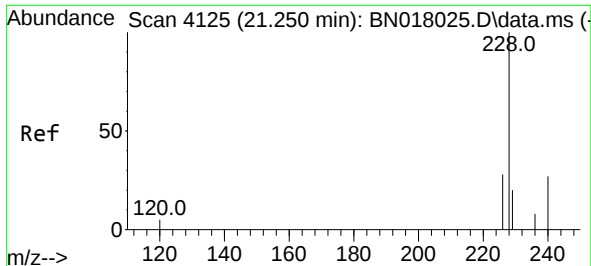
Tgt Ion:202 Resp: 30139
Ion Ratio Lower Upper
202 100
101 10.3 9.0 13.4
100 8.2 6.8 10.2



#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.492 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

Tgt Ion:202 Resp: 33334
Ion Ratio Lower Upper
202 100
101 11.7 11.4 17.2
100 9.3 9.4 14.0#

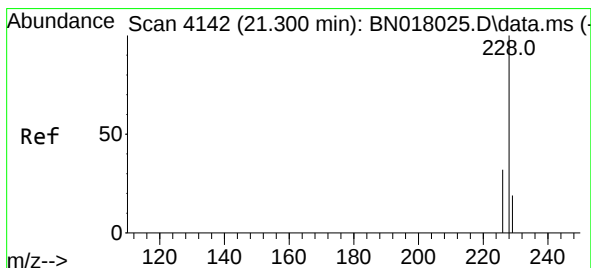
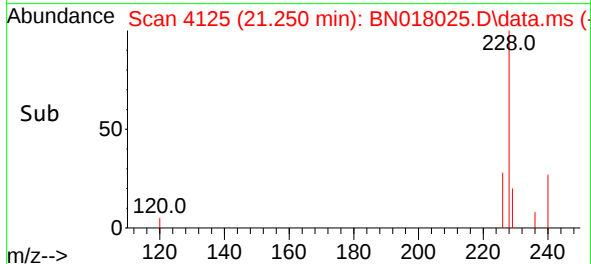
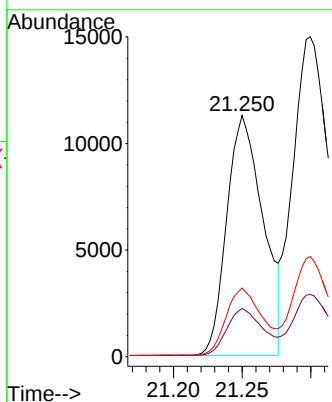
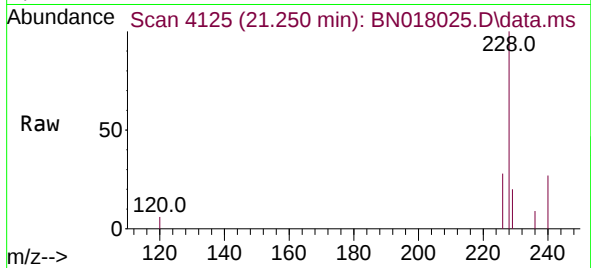




#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.250 min Scan# 4125
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

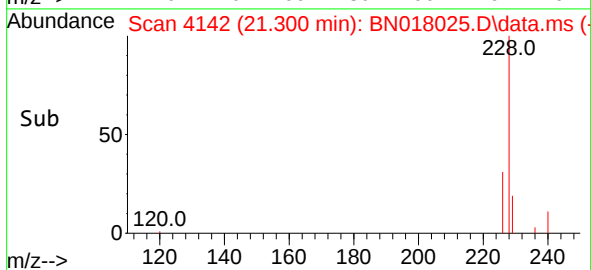
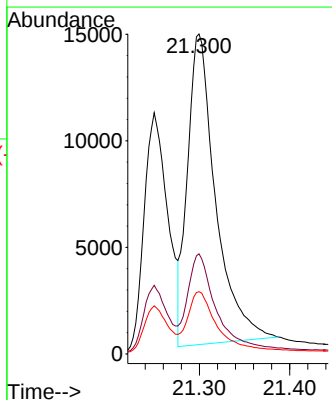
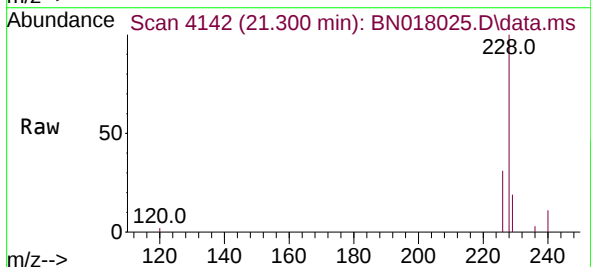
Instrument :
BNA_N
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SSTD0.4245

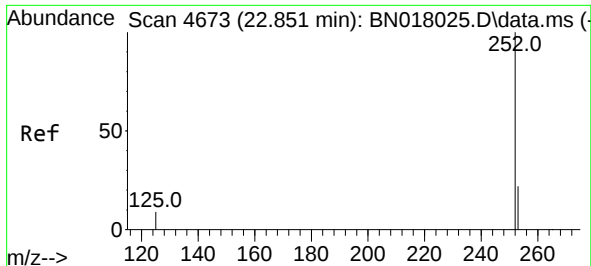
Tgt Ion:228 Resp: 20760
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 28.4 21.8 32.8



#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.300 min Scan# 4142
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

Tgt Ion:228 Resp: 31504
Ion Ratio Lower Upper
228 100
226 31.3 23.9 35.9
229 19.5 15.7 23.5

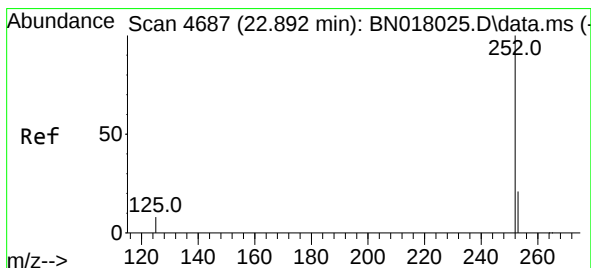
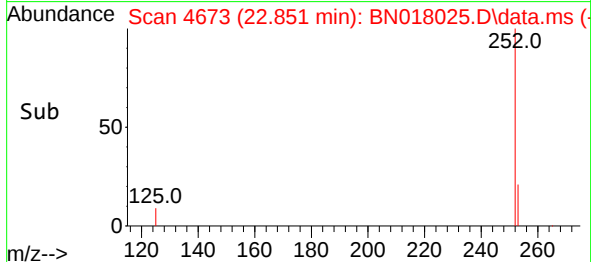
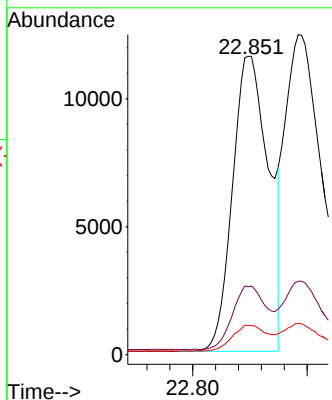
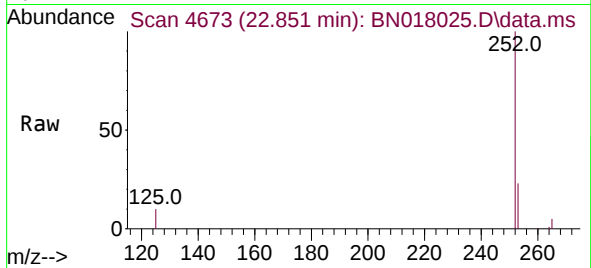




#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 22.851 min Scan# 4673
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

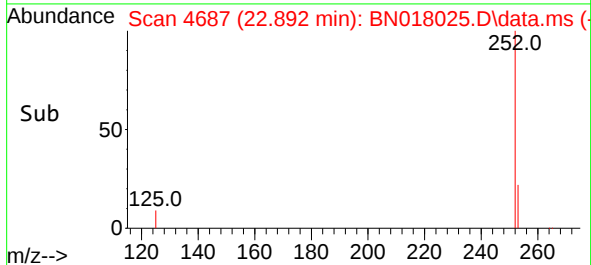
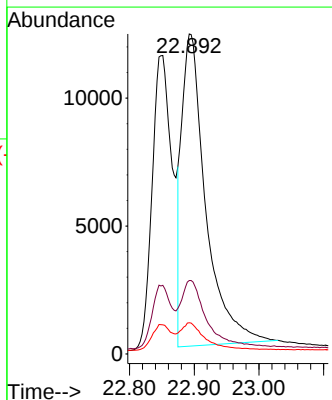
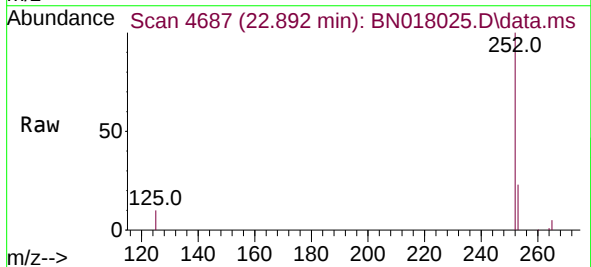
Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

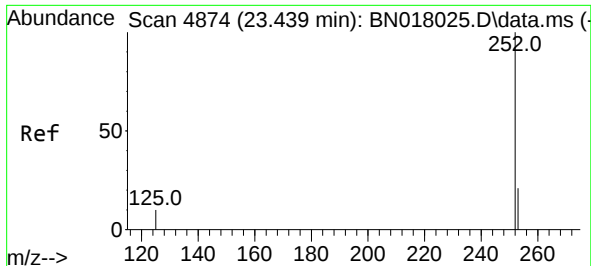
Tgt Ion:252 Resp: 25402
Ion Ratio Lower Upper
252 100
253 23.0 0.0 57.6
125 9.7 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.472 ng/ul
RT: 22.892 min Scan# 4687
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

Tgt Ion:252 Resp: 31459
Ion Ratio Lower Upper
252 100
253 22.9 23.1 34.7#
125 9.7 17.1 25.7#

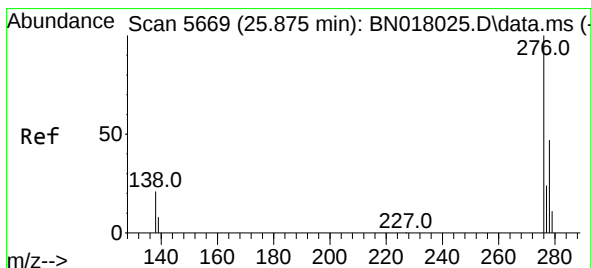
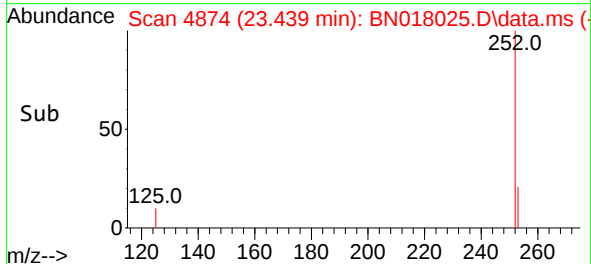
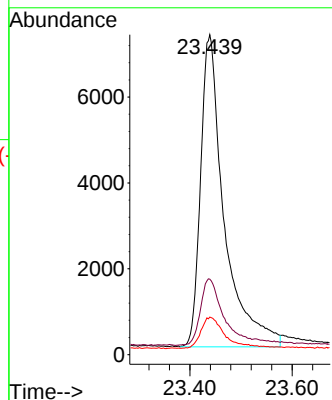
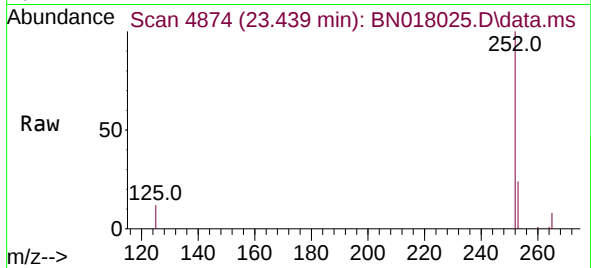




#26
Benzo(a)pyrene
Concen: 0.430 ng/ul
RT: 23.439 min Scan# 4874
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

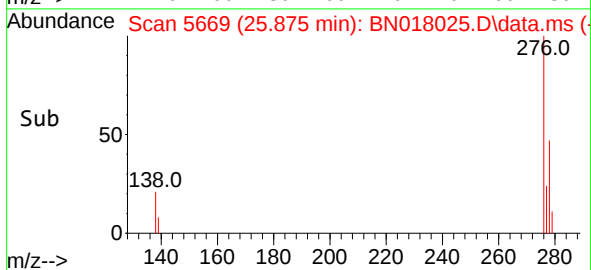
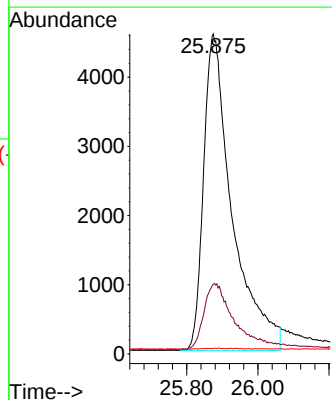
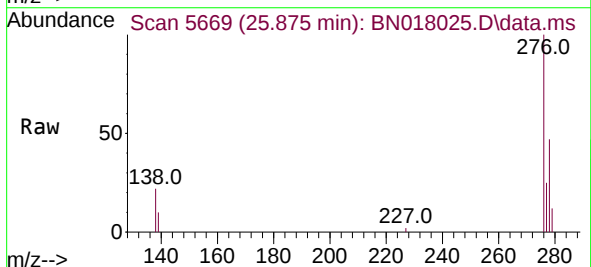
Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

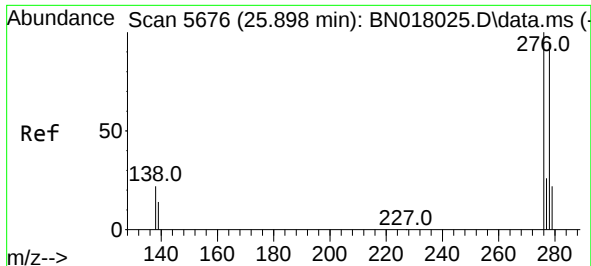
Tgt Ion:252 Resp: 23241
Ion Ratio Lower Upper
252 100
253 23.6 25.0 37.4#
125 11.7 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.559 ng/ul
RT: 25.875 min Scan# 5669
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

Tgt Ion:276 Resp: 25474
Ion Ratio Lower Upper
276 100
138 22.4 0.1 0.1#
227 0.1 0.0 0.0#

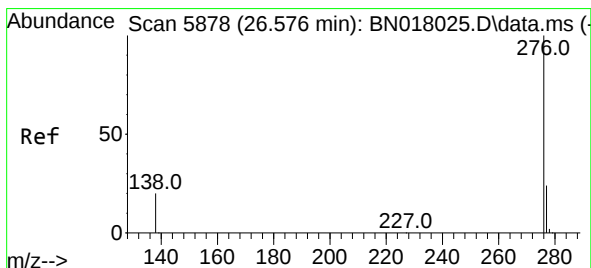
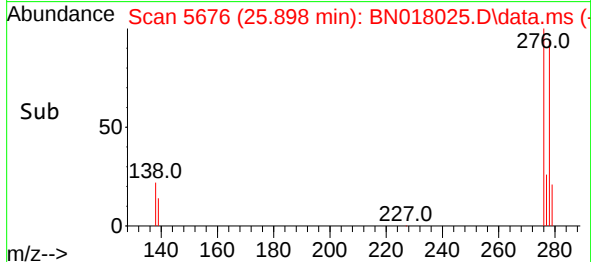
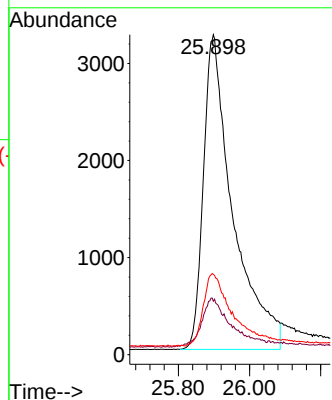
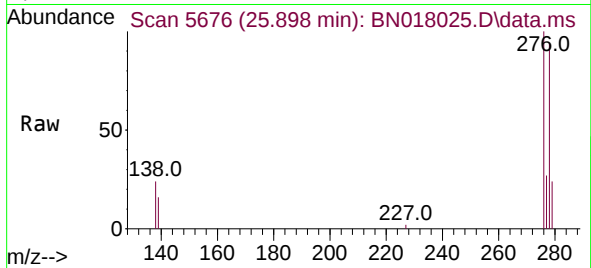




#28
Dibenzo(a,h)anthracene
Concen: 0.547 ng/ul
RT: 25.898 min Scan# 5676
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.4245

Tgt Ion:278 Resp: 18550
Ion Ratio Lower Upper
278 100
139 16.7 21.8 32.8#
279 25.1 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.553 ng/ul
RT: 26.576 min Scan# 5878
Delta R.T. 0.000 min
Lab File: BN018025.D
Acq: 15 Dec 2021 15:15

Tgt Ion:276 Resp: 23037
Ion Ratio Lower Upper
276 100
138 21.1 24.5 36.7#
277 24.7 21.2 31.8

