

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082724\
 Data File : BN033631.D
 Acq On : 27 Aug 2024 11:48
 Operator : MA/JU
 Sample : SSTD0.220
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2203

Quant Time: Aug 27 23:37:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 23:34:19 2024
 Response via : Initial Calibration

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

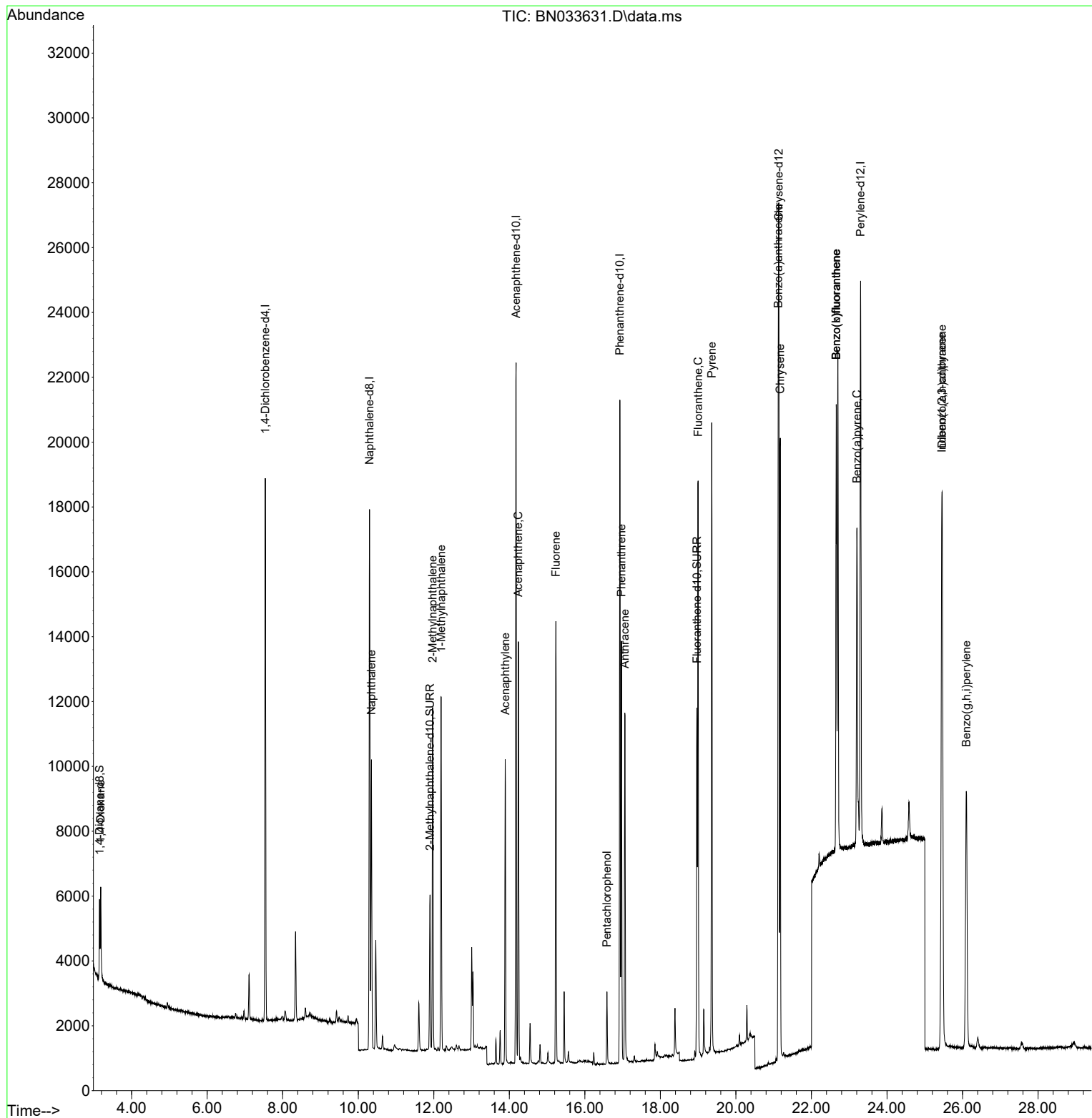
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	8022	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	21546	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.179	164	11547	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.927	188	22791	0.400	ng/ul	0.00
17) Chrysene-d12	21.138	240	19450	0.400	ng/ul	0.00
23) Perylene-d12	23.301	264	21491	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	1607	0.195	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	6151	0.199	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	11605	0.200	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	1729	0.189	ng/ul	88
5) Naphthalene	10.349	128	11478	0.199	ng/ul	100
7) 2-Methylnaphthalene	11.971	142	7221	0.198	ng/ul	100
8) 1-Methylnaphthalene	12.196	142	7476	0.199	ng/ul	100
10) Acenaphthylene	13.892	152	10317	0.197	ng/ul	99
11) Acenaphthene	14.239	153	7427	0.196	ng/ul	98
12) Fluorene	15.234	166	8315	0.197	ng/ul	99
14) Pentachlorophenol	16.585	266	1439	0.201	ng/ul	98
15) Phenanthrene	16.969	178	13285	0.198	ng/ul	100
16) Anthracene	17.058	178	12016	0.199	ng/ul	98
19) Fluoranthene	18.999	202	15298	0.199	ng/ul	99
20) Pyrene	19.361	202	16378	0.201	ng/ul	99
21) Benzo(a)anthracene	21.121	228	15604	0.204	ng/ul	99
22) Chrysene	21.173	228	15832	0.205	ng/ul	99
24) Benzo(b)fluoranthene	22.658	252	16443	0.197	ng/ul	95
25) Benzo(k)fluoranthene	22.658	252	16443	0.197	ng/ul	96
26) Benzo(a)pyrene	23.204	252	13324	0.199	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.451	276	20129	0.200	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.462	278	15753	0.202	ng/ul	98
29) Benzo(g,h,i)perylene	26.102	276	15712	0.200	ng/ul	98

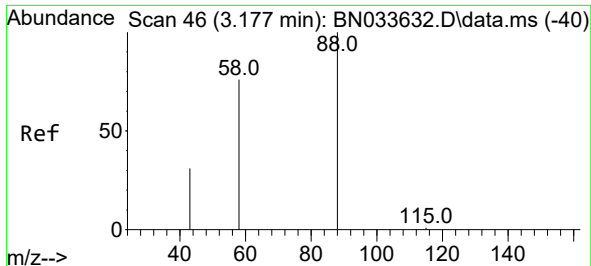
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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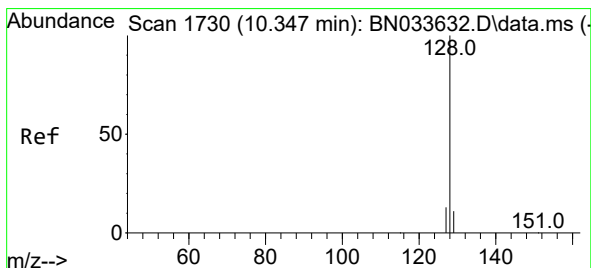
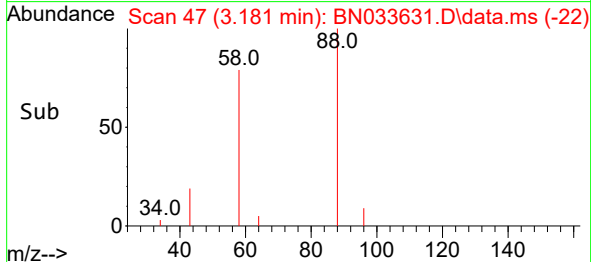
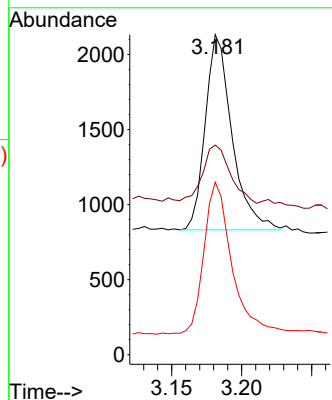
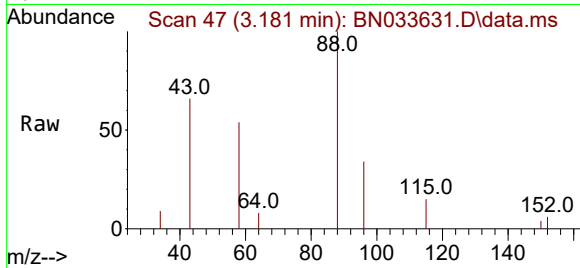




#2
1,4-Dioxane
Concen: 0.189 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. 0.004 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

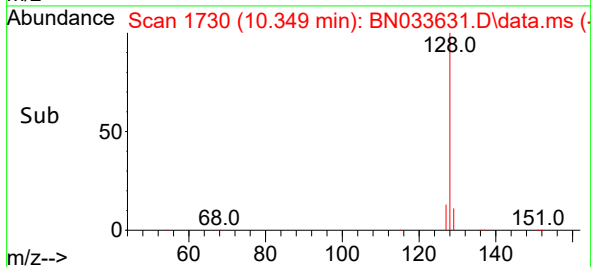
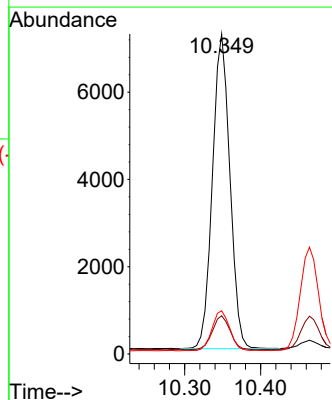
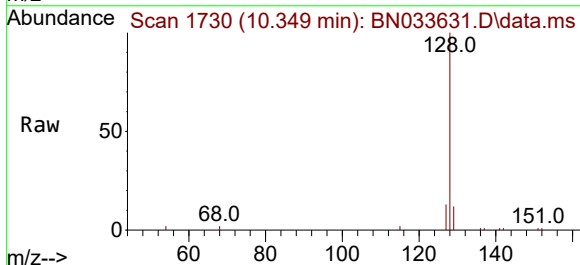
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

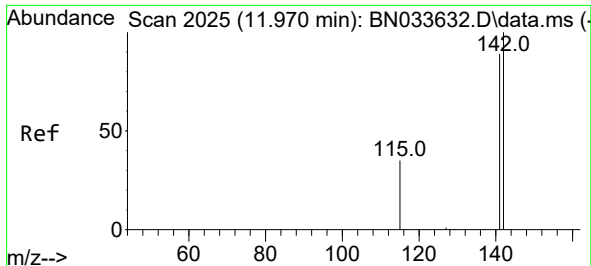
Tgt Ion: 88 Resp: 1729
Ion Ratio Lower Upper
88 100
43 65.5 47.0 70.4
58 53.9 53.0 79.4



#5
Naphthalene
Concen: 0.199 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

Tgt Ion: 128 Resp: 11478
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 13.5 10.8 16.2

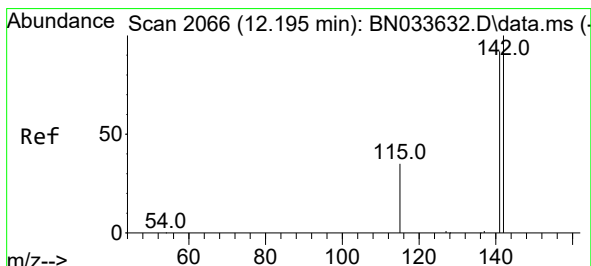
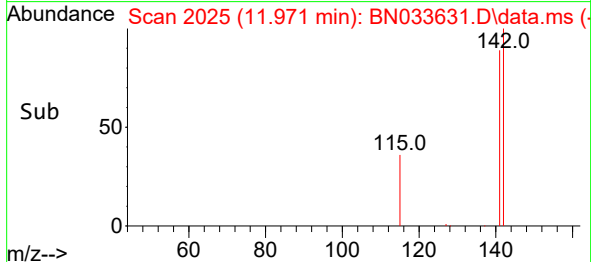
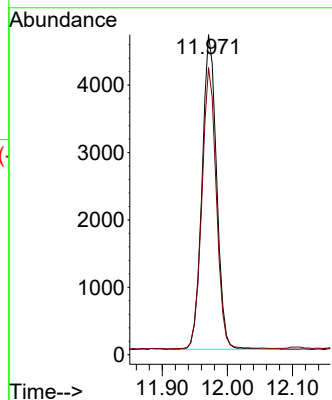
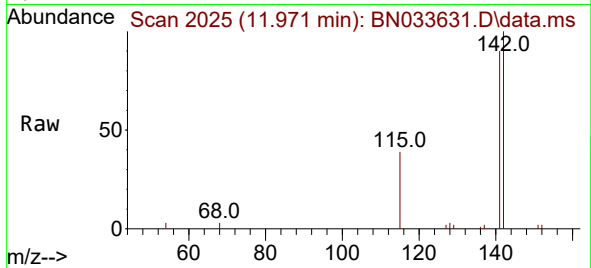




#7
2-Methylnaphthalene
Concen: 0.198 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. 0.001 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

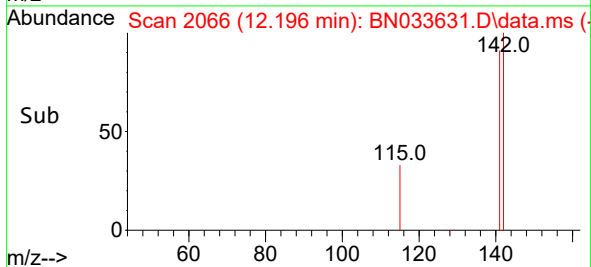
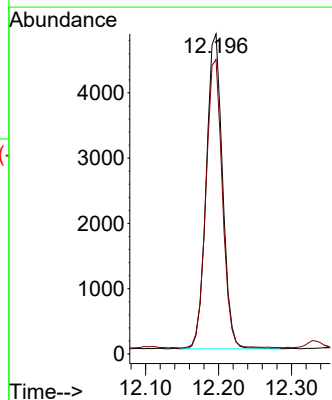
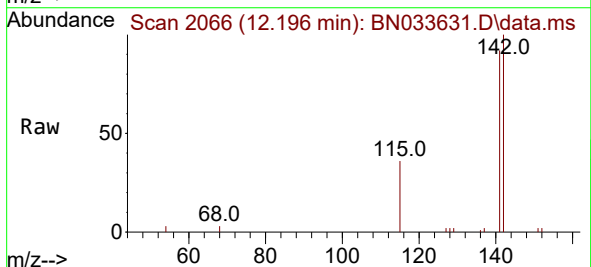
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

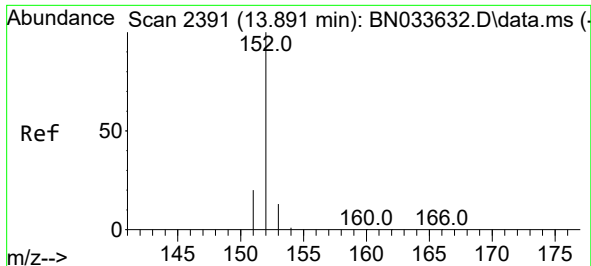
Tgt Ion:142 Resp: 7221
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

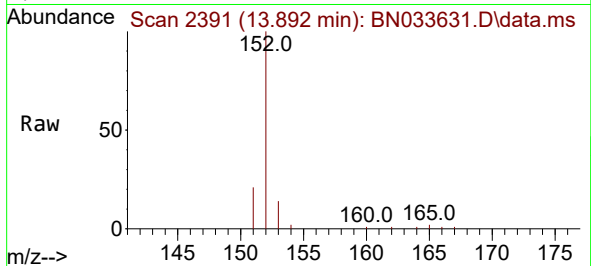
Tgt Ion:142 Resp: 7476
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4



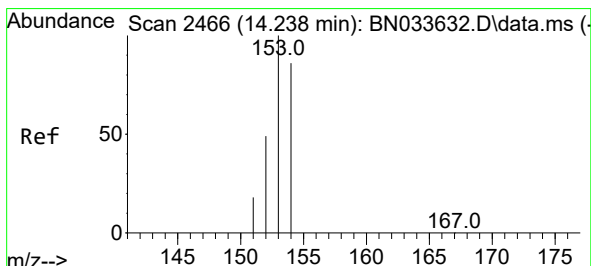
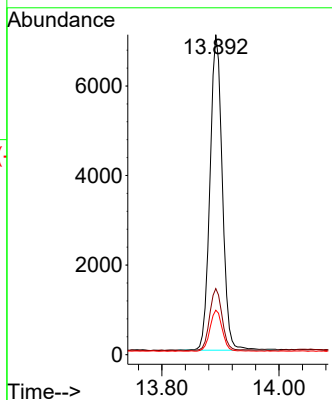


#10
Acenaphthylene
Concen: 0.197 ng/ul
RT: 13.892 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

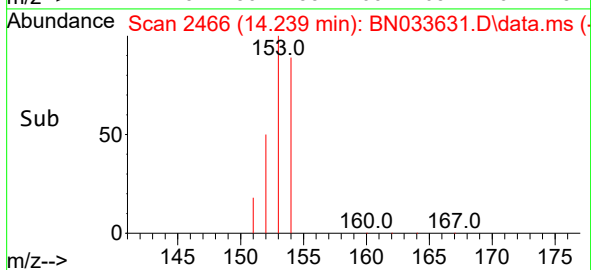
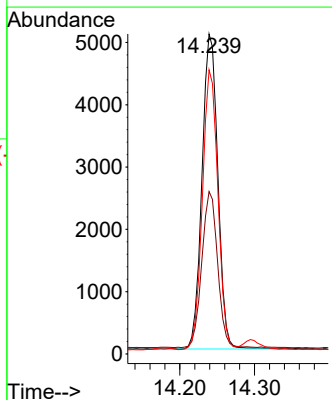
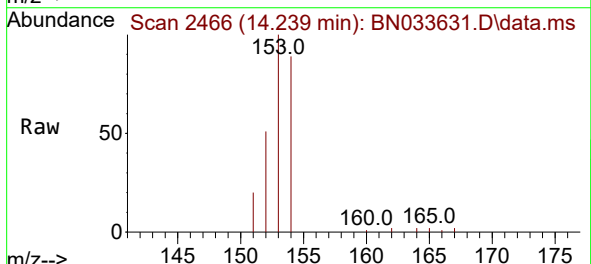


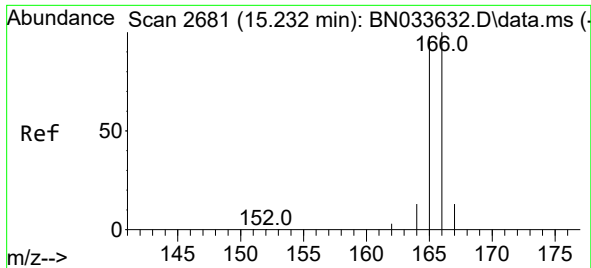
Tgt Ion:152 Resp: 10317
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.9 10.8 16.2



#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. 0.001 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

Tgt Ion:153 Resp: 7427
Ion Ratio Lower Upper
153 100
152 50.8 39.8 59.8
154 88.8 69.0 103.6

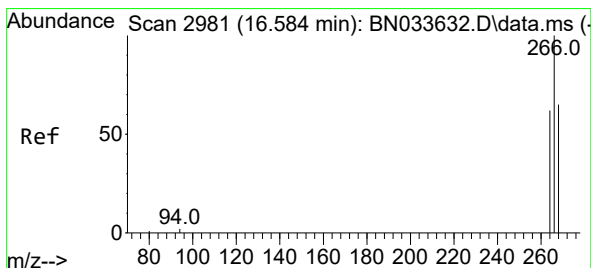
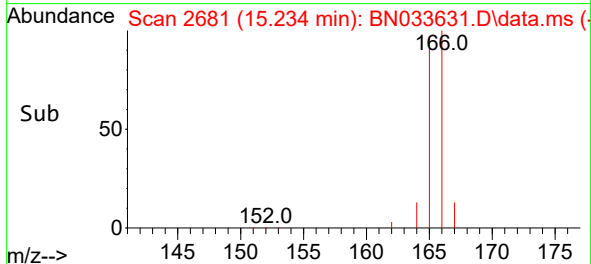
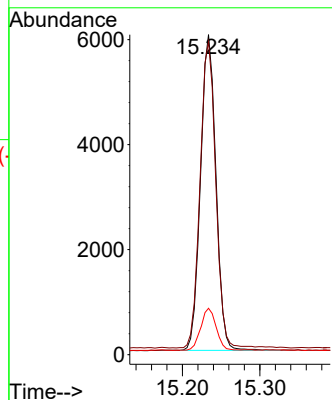
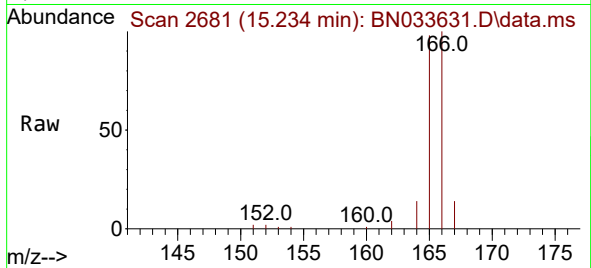




#12
 Fluorene
 Concen: 0.197 ng/ul
 RT: 15.234 min Scan# 2081
 Delta R.T. 0.001 min
 Lab File: BN033631.D
 Acq: 27 Aug 2024 11:48

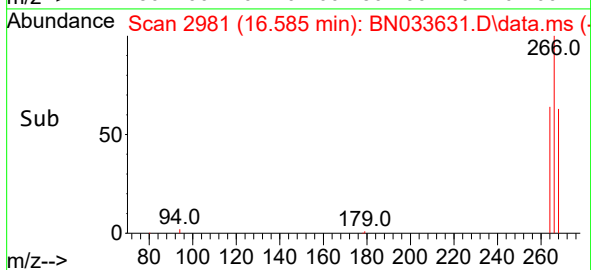
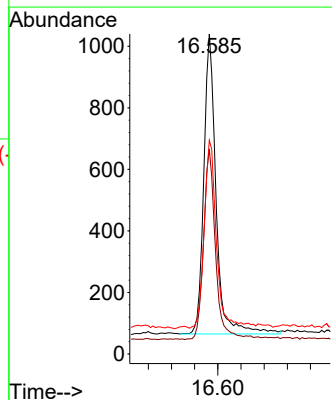
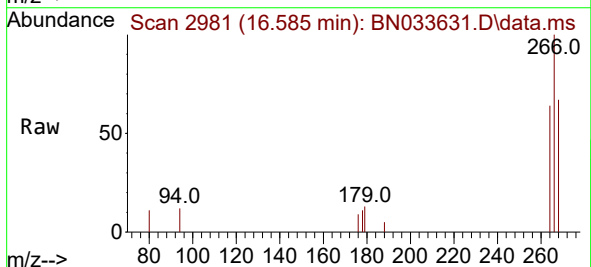
Instrument :
 BNA_N
 ClientSampleId :
 SST00.2203

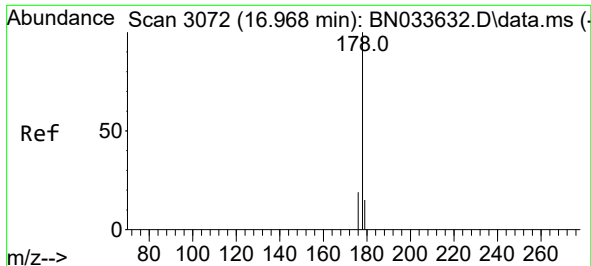
Tgt Ion:166 Resp: 8315
 Ion Ratio Lower Upper
 166 100
 165 97.8 79.1 118.7
 167 14.5 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.201 ng/ul
 RT: 16.585 min Scan# 2981
 Delta R.T. 0.001 min
 Lab File: BN033631.D
 Acq: 27 Aug 2024 11:48

Tgt Ion:266 Resp: 1439
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.3 75.5
 268 62.4 51.7 77.5

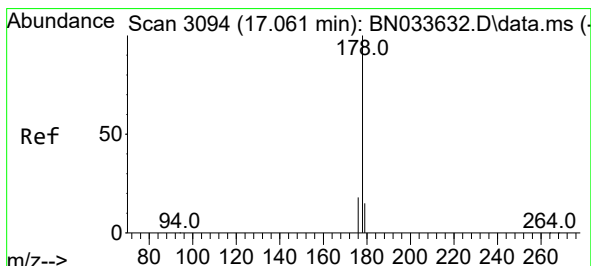
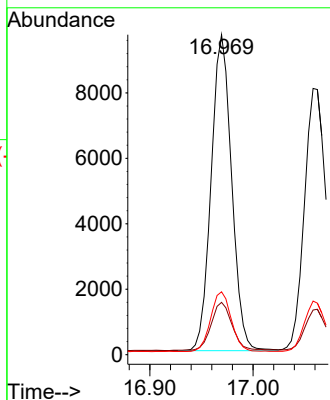
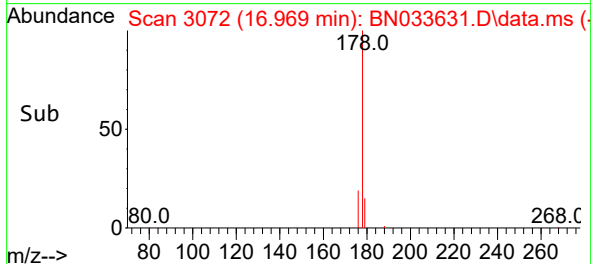
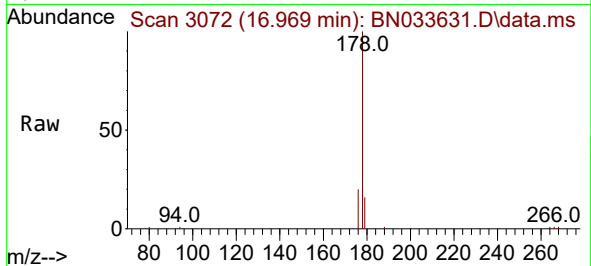




#15
Phenanthrene
Concen: 0.198 ng/ul
RT: 16.969 min Scan# 3072
Delta R.T. 0.001 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

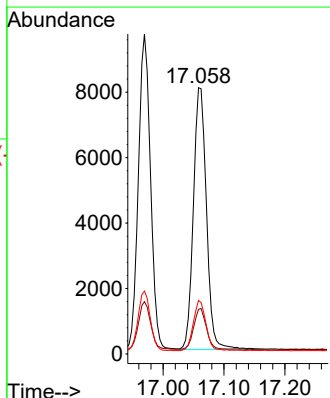
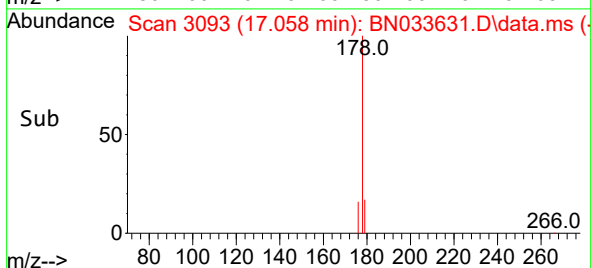
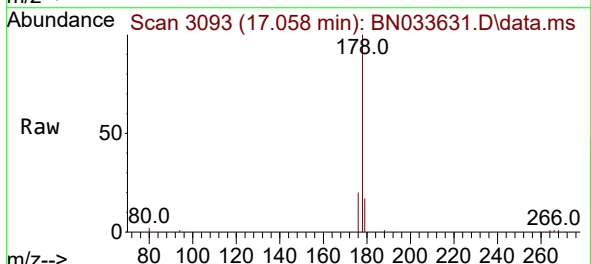
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

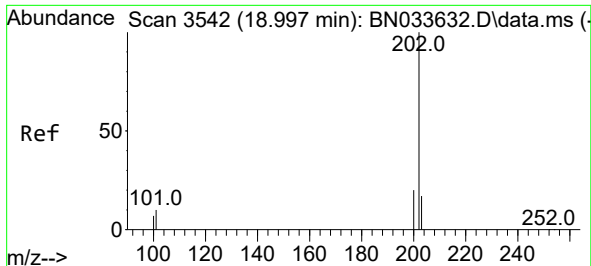
Tgt Ion:178 Resp: 13285
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.199 ng/ul
RT: 17.058 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

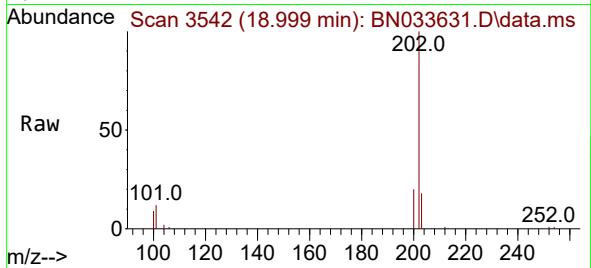
Tgt Ion:178 Resp: 12016
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.4
176 20.1 15.2 22.8



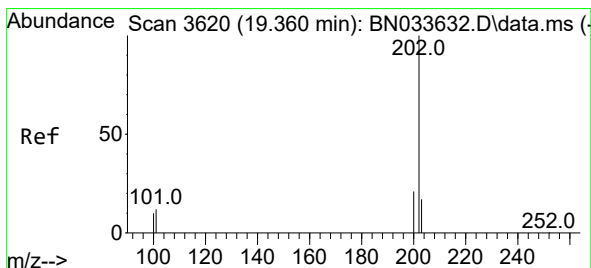
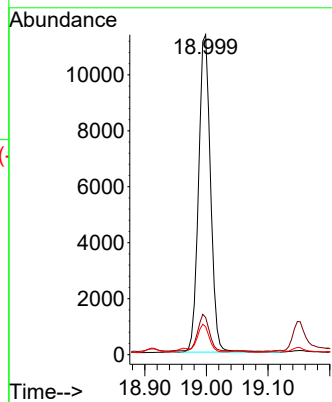
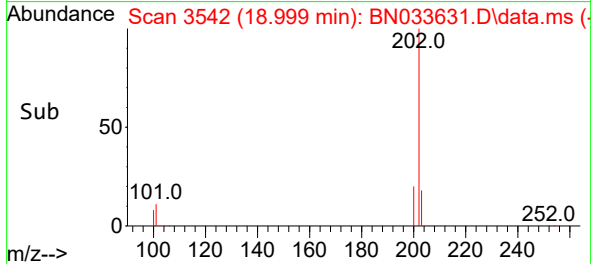


#19
Fluoranthene
Concen: 0.199 ng/ul
RT: 18.999 min Scan# 3542
Delta R.T. 0.001 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

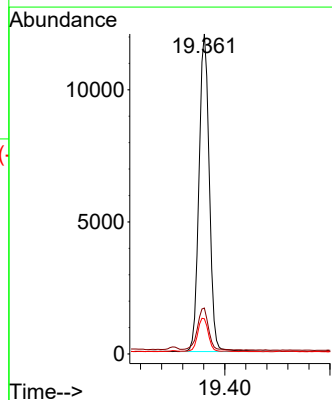
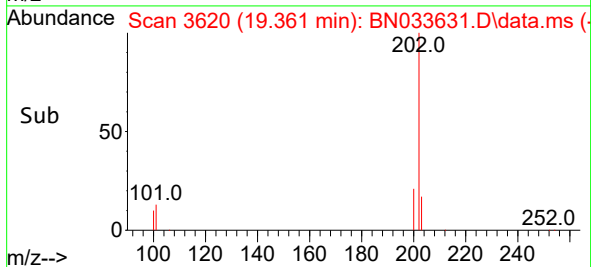
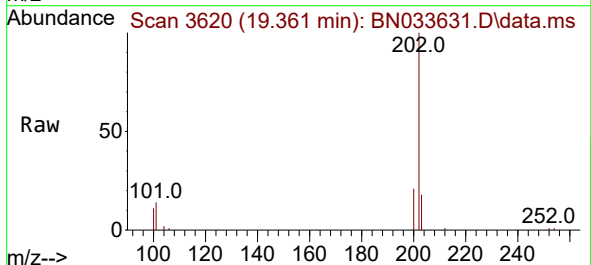


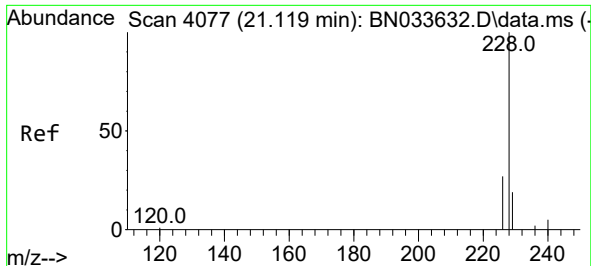
Tgt Ion:202 Resp: 15298
Ion Ratio Lower Upper
202 100
101 11.7 9.0 13.4
100 8.7 6.7 10.1



#20
Pyrene
Concen: 0.201 ng/ul
RT: 19.361 min Scan# 3620
Delta R.T. 0.001 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

Tgt Ion:202 Resp: 16378
Ion Ratio Lower Upper
202 100
101 14.3 10.8 16.2
100 11.0 8.7 13.1

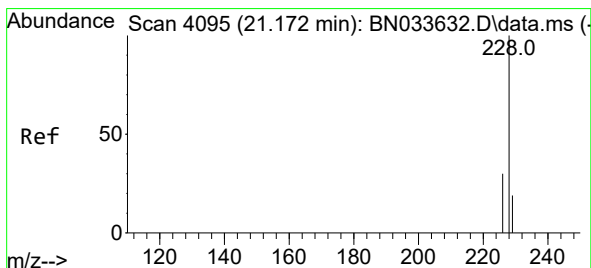
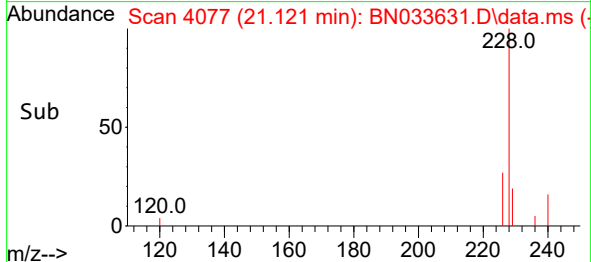
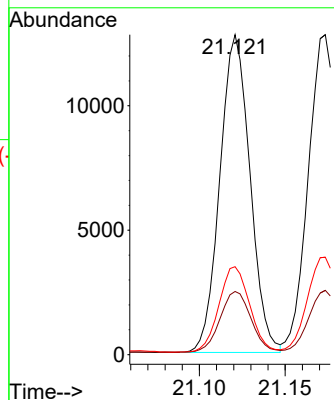
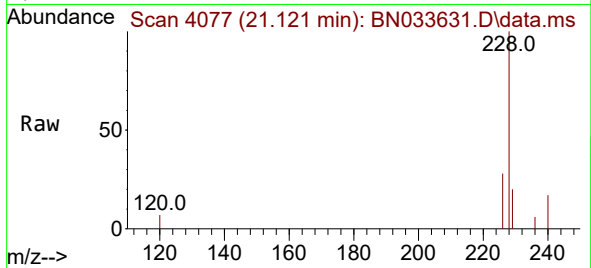




#21
Benzo(a)anthracene
Concen: 0.204 ng/ul
RT: 21.121 min Scan# 4077
Delta R.T. 0.001 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

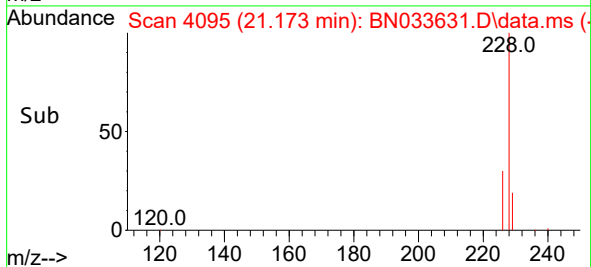
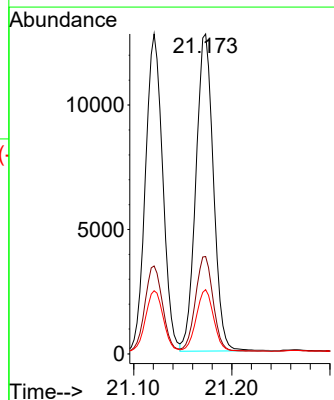
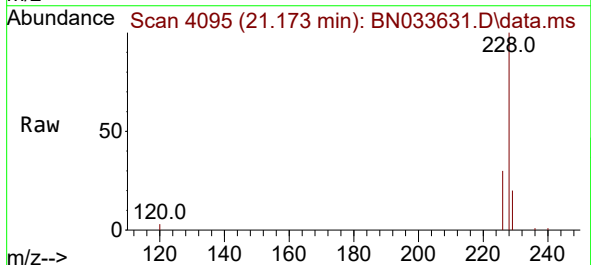
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

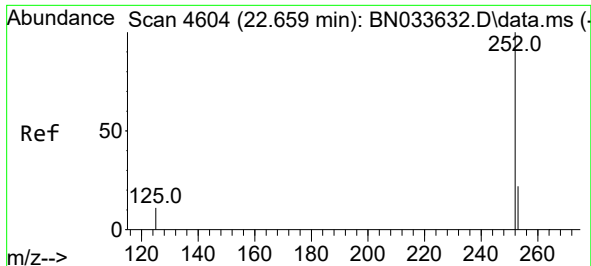
Tgt Ion:228 Resp: 15604
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.2
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.205 ng/ul
RT: 21.173 min Scan# 4095
Delta R.T. 0.001 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

Tgt Ion:228 Resp: 15832
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 20.1 15.6 23.4

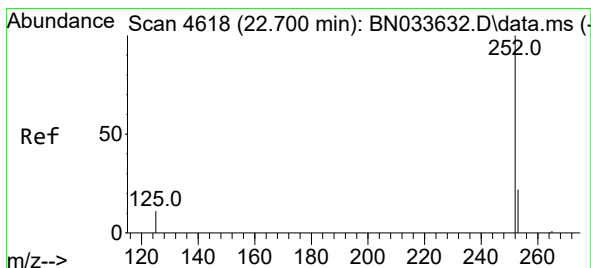
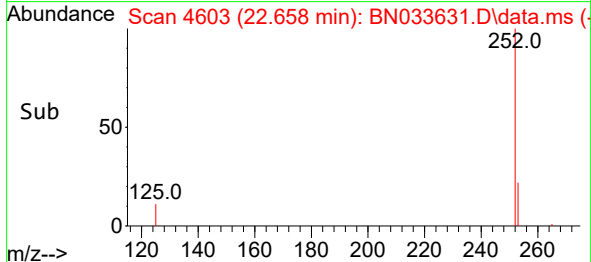
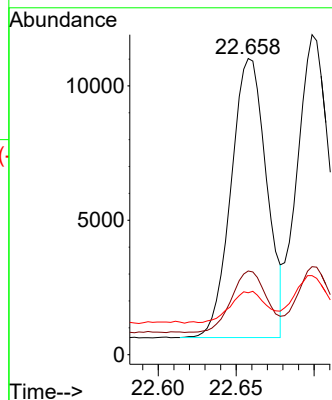
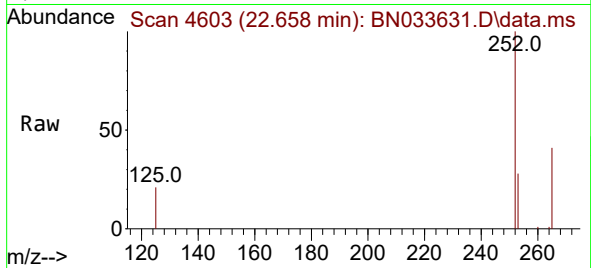




#24
Benzo(b)fluoranthene
Concen: 0.197 ng/ul
RT: 22.658 min Scan# 4603
Delta R.T. -0.002 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

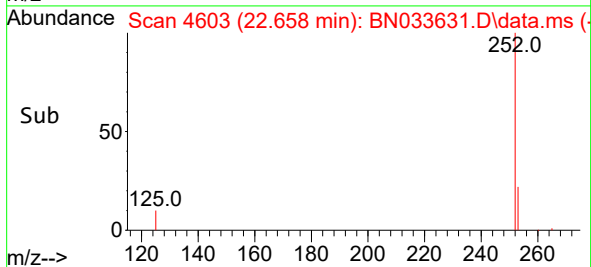
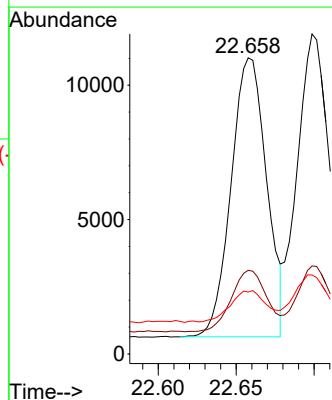
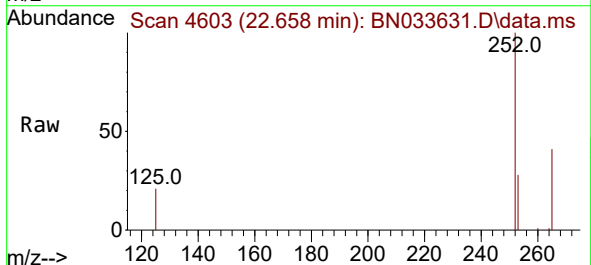
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

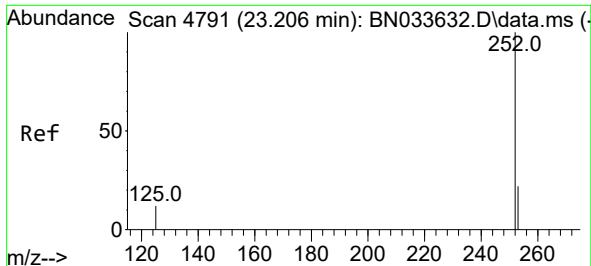
Tgt Ion:252 Resp: 16443
Ion Ratio Lower Upper
252 100
253 28.2 0.0 52.8
125 20.9 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.197 ng/ul
RT: 22.658 min Scan# 4603
Delta R.T. -0.043 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

Tgt Ion:252 Resp: 16443
Ion Ratio Lower Upper
252 100
253 28.2 21.4 32.0
125 20.9 15.1 22.7

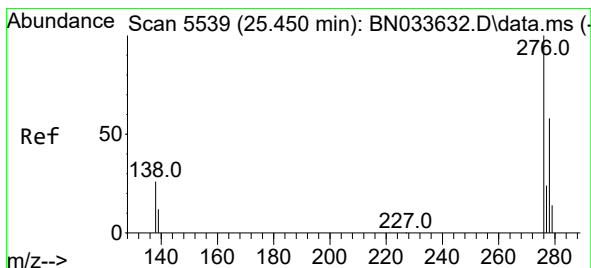
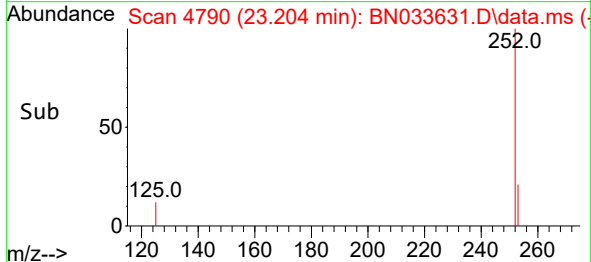
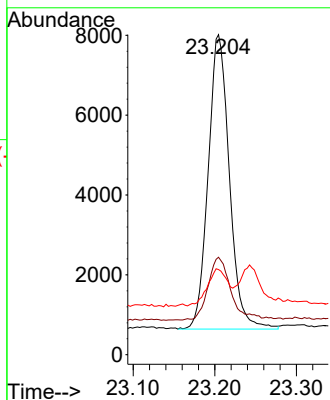
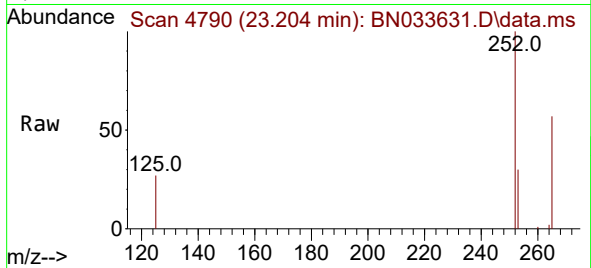




#26
Benzo(a)pyrene
Concen: 0.199 ng/ul
RT: 23.204 min Scan# 4791
Delta R.T. -0.002 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

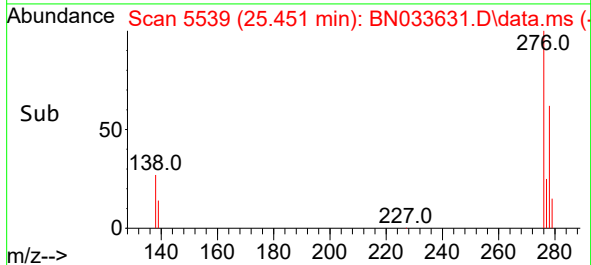
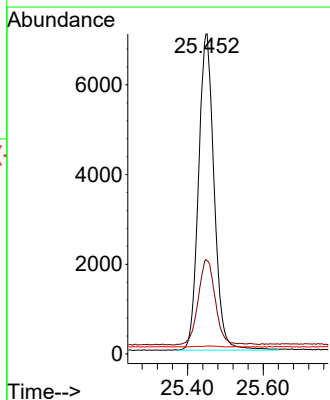
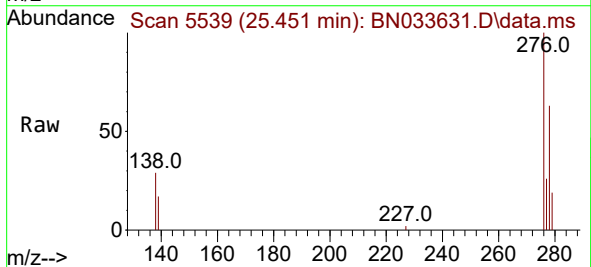
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

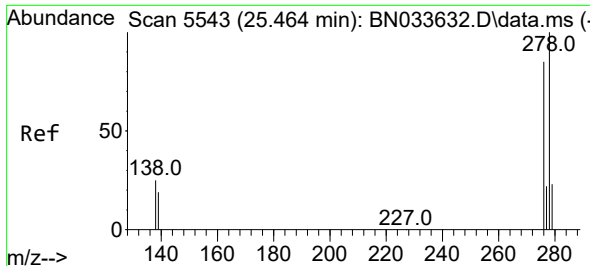
Tgt Ion:252 Resp: 13324
Ion Ratio Lower Upper
252 100
253 30.5 22.8 34.2
125 26.6 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.200 ng/ul
RT: 25.451 min Scan# 5539
Delta R.T. 0.001 min
Lab File: BN033631.D
Acq: 27 Aug 2024 11:48

Tgt Ion:276 Resp: 20129
Ion Ratio Lower Upper
276 100
138 29.7 22.3 33.5
227 0.2 0.2 0.4

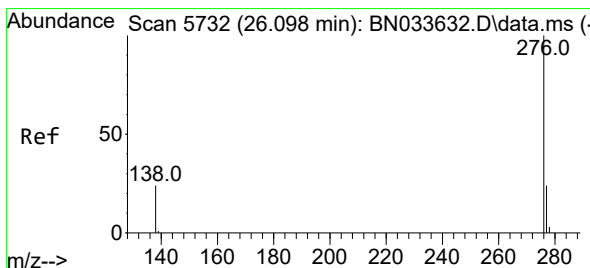
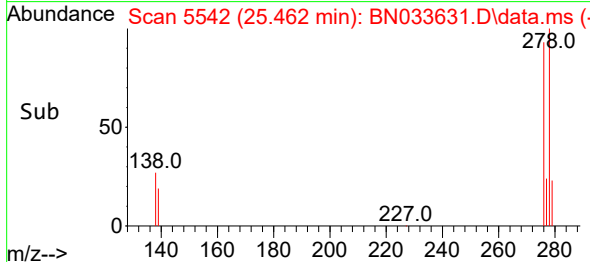
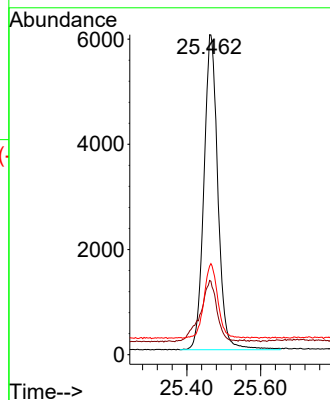
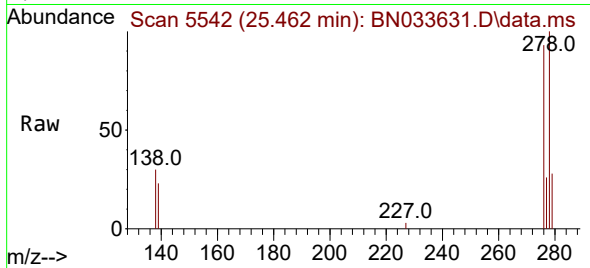




#28
 Dibenzo(a,h)anthracene
 Concen: 0.202 ng/ul
 RT: 25.462 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: BN033631.D
 Acq: 27 Aug 2024 11:48

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2203

Tgt Ion:278 Resp: 15753
 Ion Ratio Lower Upper
 278 100
 139 23.2 17.3 25.9
 279 27.7 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.200 ng/ul
 RT: 26.102 min Scan# 5733
 Delta R.T. 0.005 min
 Lab File: BN033631.D
 Acq: 27 Aug 2024 11:48

Tgt Ion:276 Resp: 15712
 Ion Ratio Lower Upper
 276 100
 138 27.9 20.8 31.2
 277 25.7 20.2 30.4

