

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
 Data File : BN026433.D
 Acq On : 09 Jul 2023 21:33
 Operator : MA/JU
 Sample : 03349-07MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW01MS

Quant Time: Jul 10 01:37:07 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

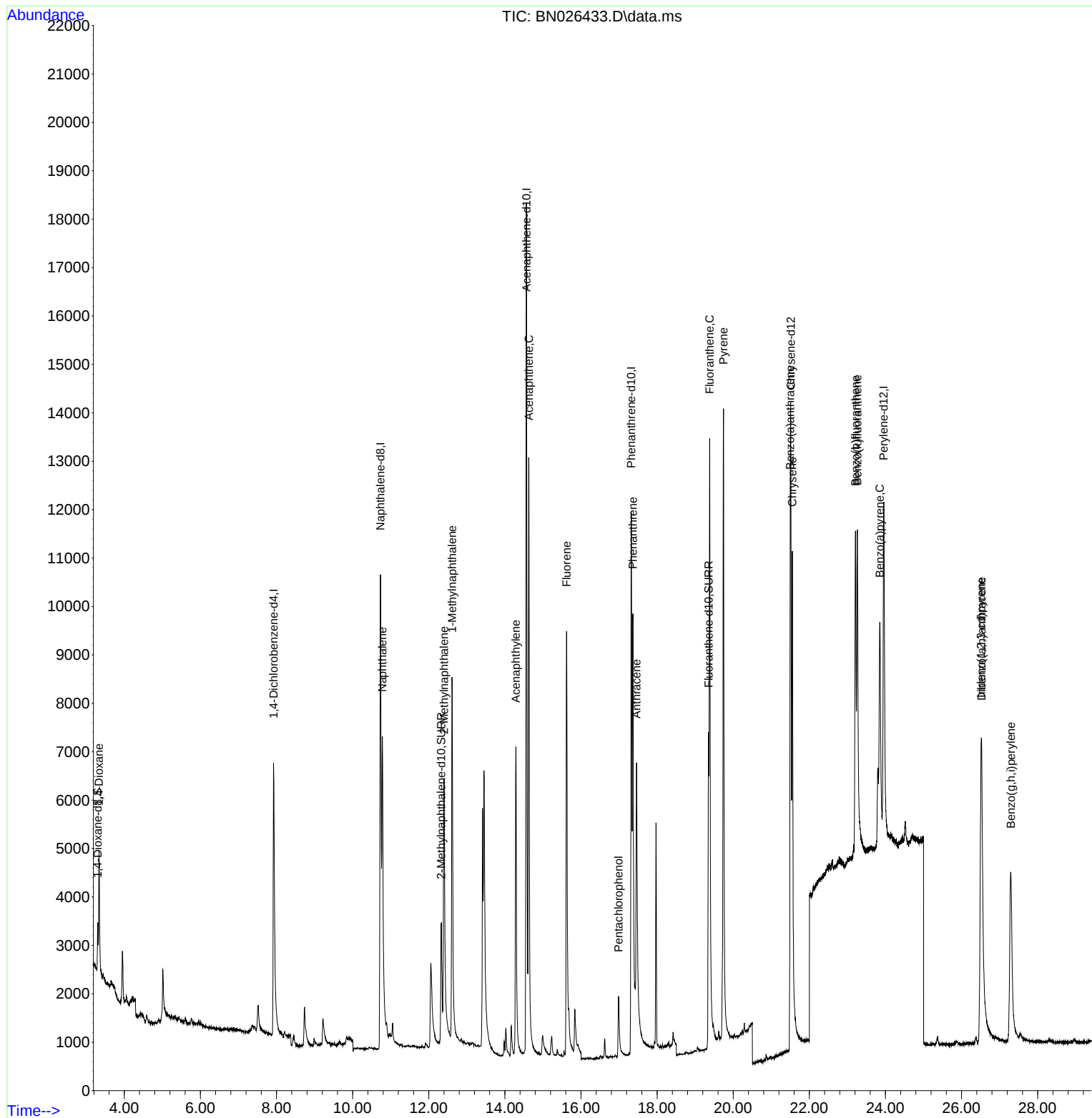
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	5226	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.730	136	20405	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.565	164	11867	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	17819	0.400	ng/ul	0.00
17) Chrysene-d12	21.513	240	11343	0.400	ng/ul	0.00
23) Perylene-d12	23.954	264	11829	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	791	0.134	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.325	152	5209	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.353	212	9854	0.228	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	1944	0.311	ng/ul	97
5) Naphthalene	10.780	128	11033	0.189	ng/ul	98
7) 2-Methylnaphthalene	12.402	142	5937	0.159	ng/ul	100
8) 1-Methylnaphthalene	12.611	142	6670	0.173	ng/ul	100
10) Acenaphthylene	14.287	152	10178	0.183	ng/ul	99
11) Acenaphthene	14.630	153	9112	0.200	ng/ul	94
12) Fluorene	15.620	166	8469	0.163	ng/ul	99
14) Pentachlorophenol	16.987	266	1350	0.211	ng/ul	99
15) Phenanthrene	17.363	178	12067	0.205	ng/ul	98
16) Anthracene	17.460	178	9977	0.191	ng/ul	95
19) Fluoranthene	19.381	202	13716	0.226	ng/ul	100
20) Pyrene	19.744	202	14617	0.232	ng/ul	97
21) Benzo(a)anthracene	21.499	228	9971	0.213	ng/ul	99
22) Chrysene	21.551	228	11041	0.227	ng/ul	98
24) Benzo(b)fluoranthene	23.211	252	10853	0.215	ng/ul	89
25) Benzo(k)fluoranthene	23.261	252	11747	0.232	ng/ul#	91
26) Benzo(a)pyrene	23.852	252	9815	0.224	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.513	276	12396	0.259	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.526	278	9448	0.261	ng/ul	93
29) Benzo(g,h,i)perylene	27.294	276	11198	0.263	ng/ul	98

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

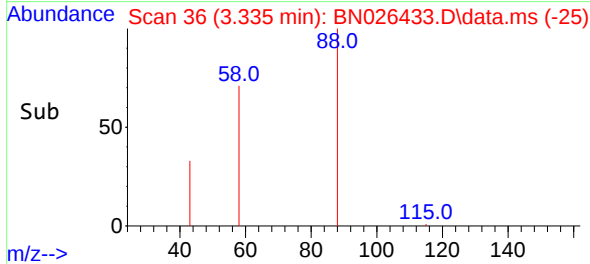
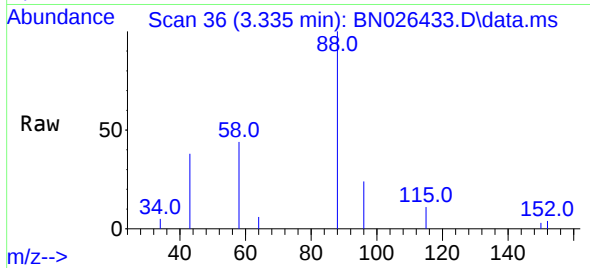
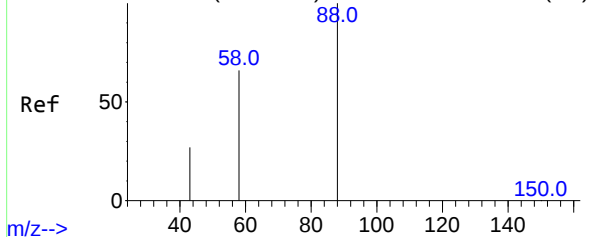
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
Data File : BN026433.D
Acq On : 09 Jul 2023 21:33
Operator : MA/JU
Sample : 03349-07MS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YBW01MS

Quant Time: Jul 10 01:37:07 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration



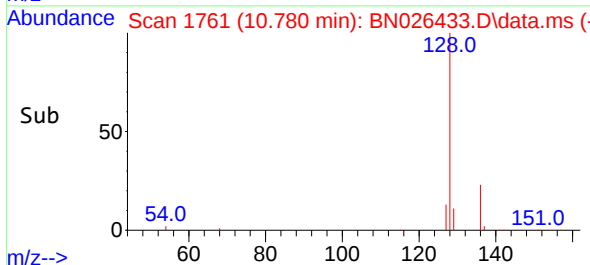
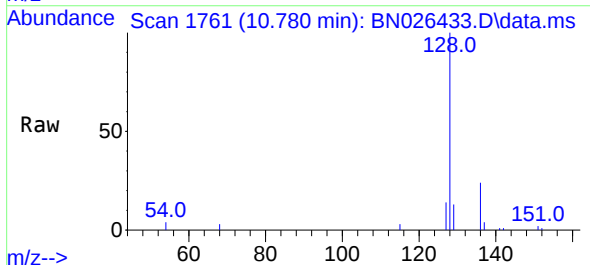
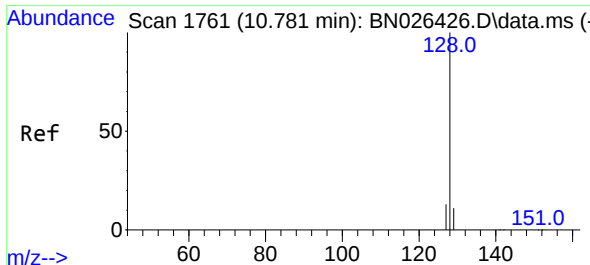
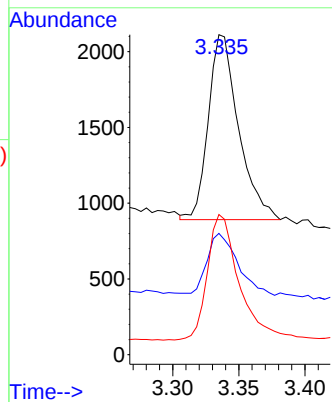
Abundance Scan 37 (3.339 min): BN026426.D\data.ms (-30)



#2
1,4-Dioxane
Concen: 0.311 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

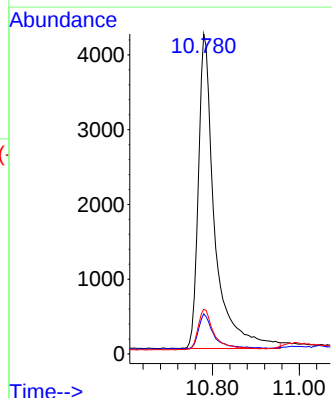
Instrument :
BNA_N
ClientSampleId :
YBW01MS

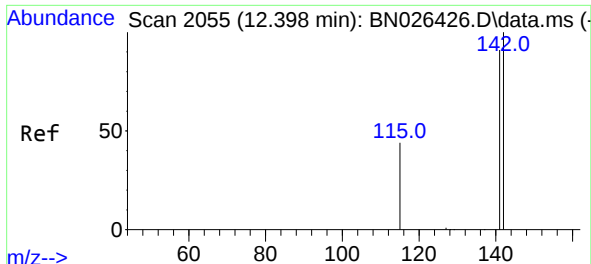
Tgt Ion: 88	Resp: 1944
Ion Ratio	Lower Upper
88	100
43	37.9 29.5 44.3
58	43.8 37.4 56.2



#5
Naphthalene
Concen: 0.189 ng/ul
RT: 10.780 min Scan# 1761
Delta R.T. -0.007 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

Tgt Ion: 128	Resp: 11033
Ion Ratio	Lower Upper
128	100
129	12.6 9.1 13.7
127	13.9 10.7 16.1

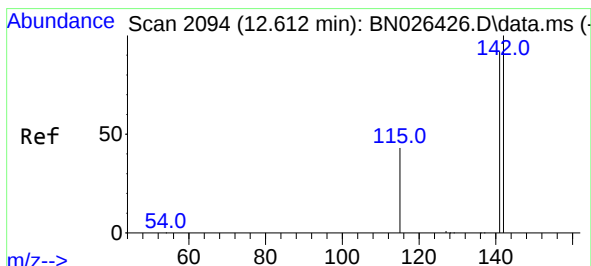
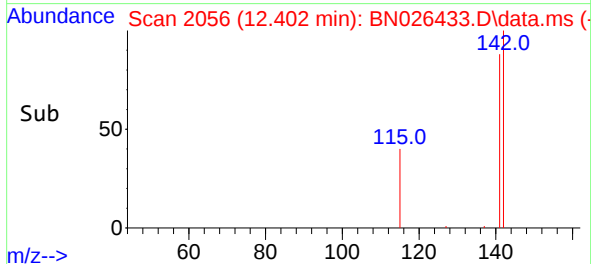
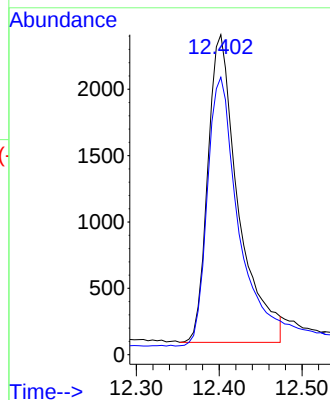
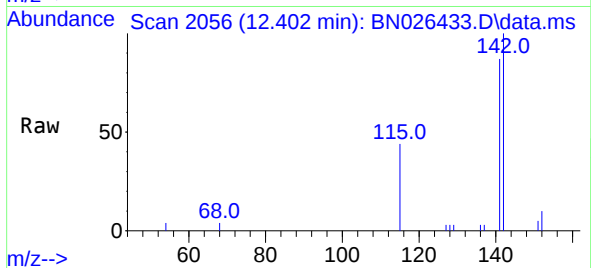




#7
2-Methylnaphthalene
Concen: 0.159 ng/ul
RT: 12.402 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

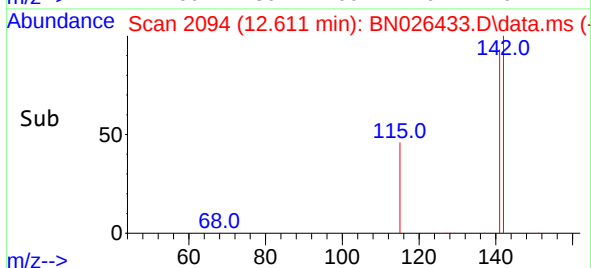
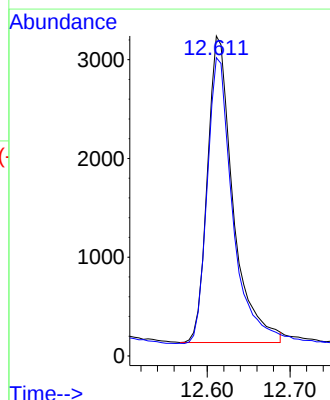
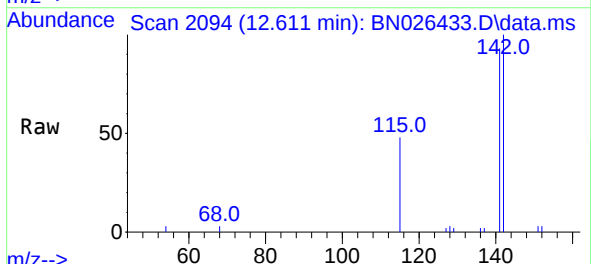
Instrument :
BNA_N
ClientSampleId :
YBW01MS

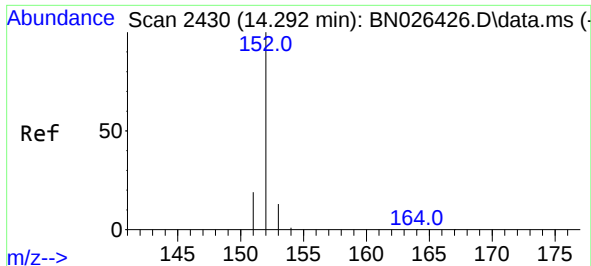
Tgt Ion:142 Resp: 5937
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.611 min Scan# 2094
Delta R.T. -0.007 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

Tgt Ion:142 Resp: 6670
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4

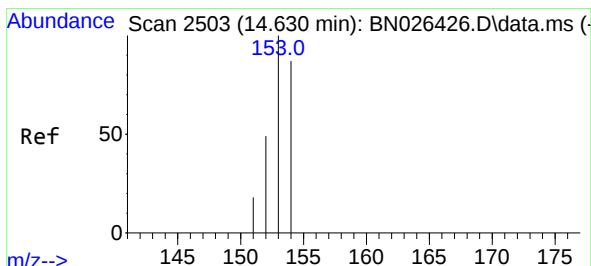
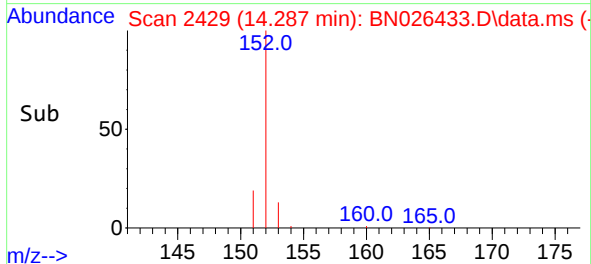
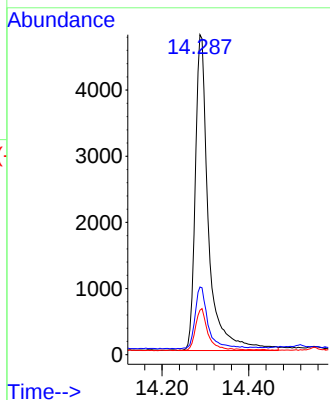
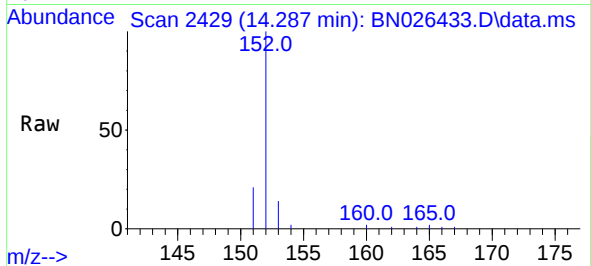




#10
Acenaphthylene
Concen: 0.183 ng/ul
RT: 14.287 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

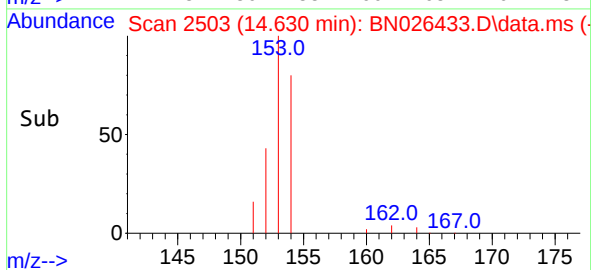
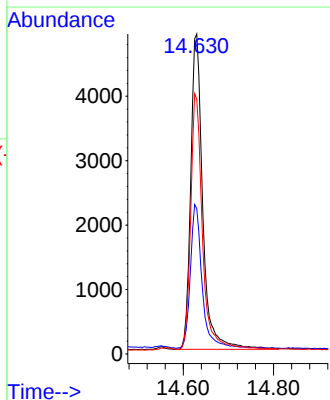
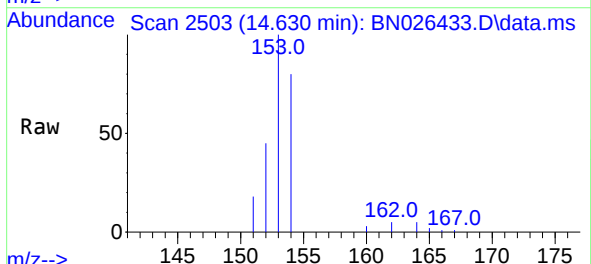
Instrument :
BNA_N
ClientSampleId :
YBW01MS

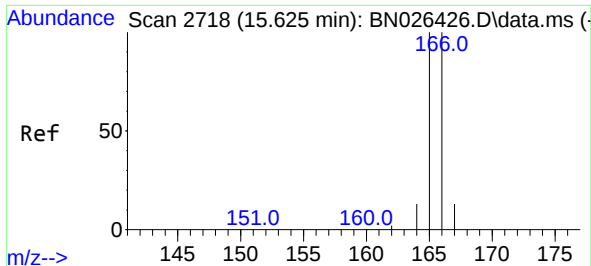
Tgt Ion:	152	Resp:	10178
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.2	24.4
153	13.9	10.9	16.3



#11
Acenaphthene
Concen: 0.200 ng/ul
RT: 14.630 min Scan# 2503
Delta R.T. -0.001 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

Tgt Ion:	153	Resp:	9112
Ion Ratio	Lower	Upper	
153	100		
152	45.4	39.4	59.0
154	79.6	68.9	103.3

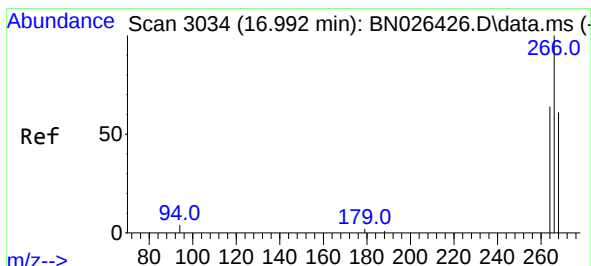
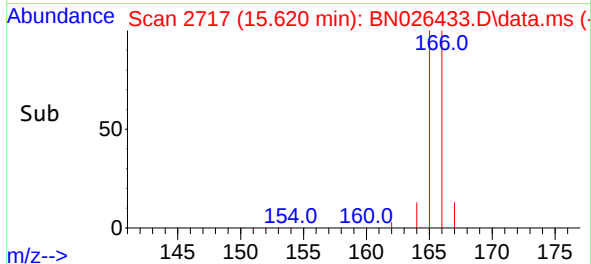
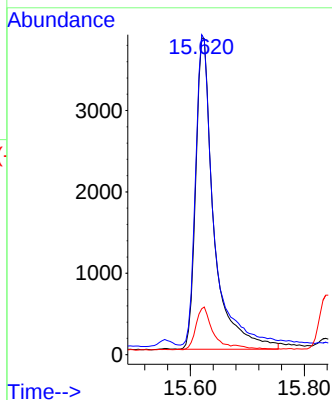
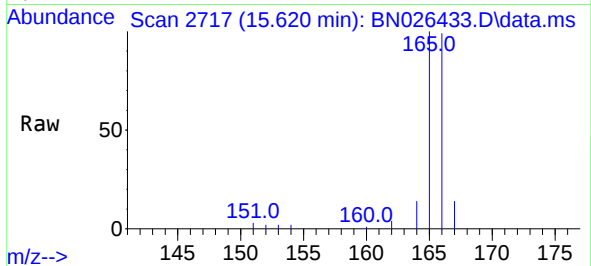




#12
Fluorene
Concen: 0.163 ng/ul
RT: 15.620 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

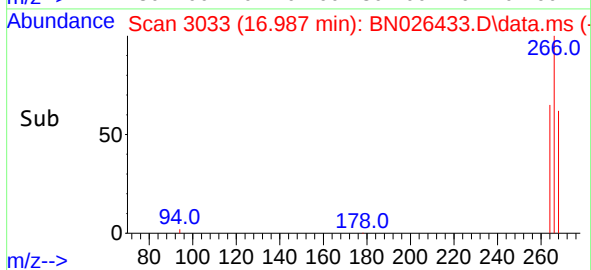
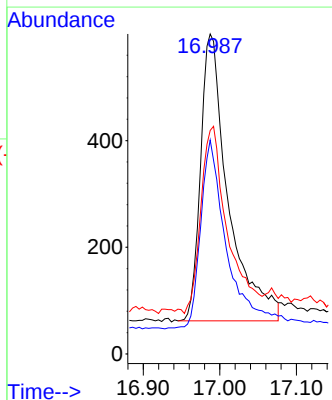
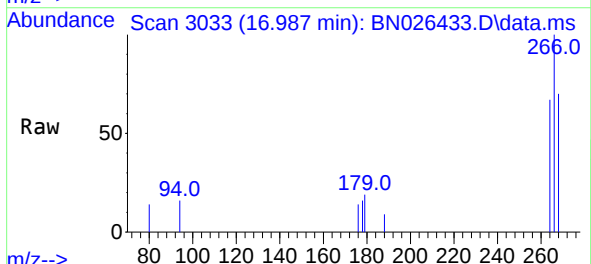
Instrument :
BNA_N
ClientSampleId :
YBW01MS

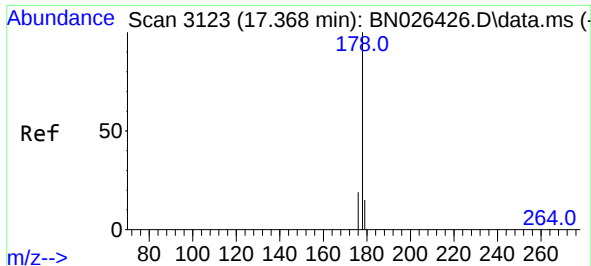
Tgt Ion:166 Resp: 8469
Ion Ratio Lower Upper
166 100
165 101.0 79.9 119.9
167 14.5 10.8 16.2



#14
Pentachlorophenol
Concen: 0.211 ng/ul
RT: 16.987 min Scan# 3033
Delta R.T. -0.009 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

Tgt Ion:266 Resp: 1350
Ion Ratio Lower Upper
266 100
264 63.0 50.5 75.7
268 63.0 51.6 77.4

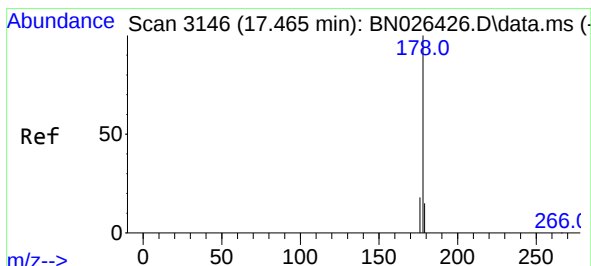
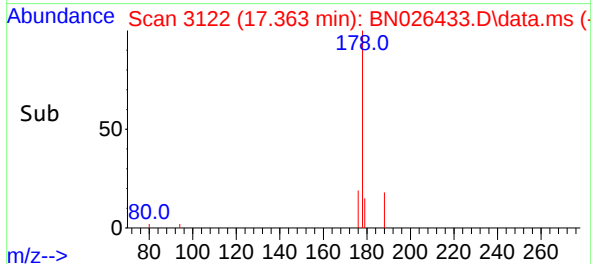
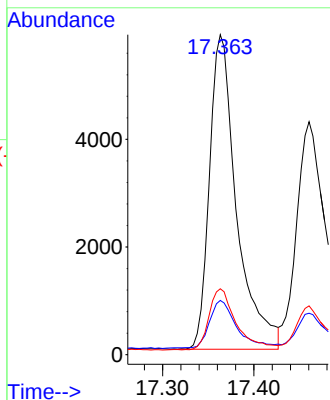
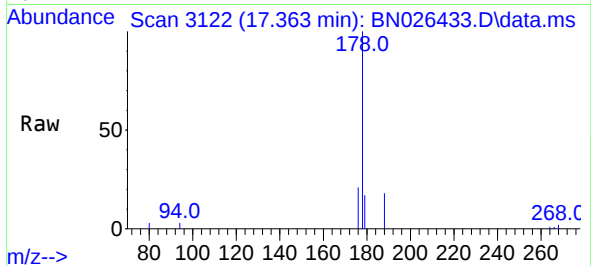




#15
Phenanthrene
Concen: 0.205 ng/u1
RT: 17.363 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

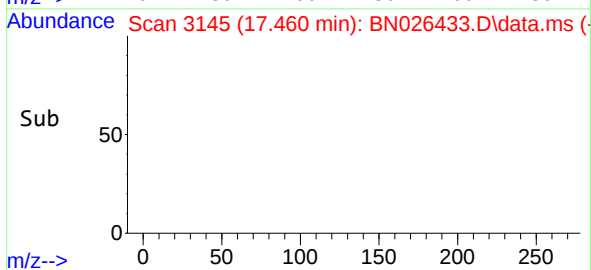
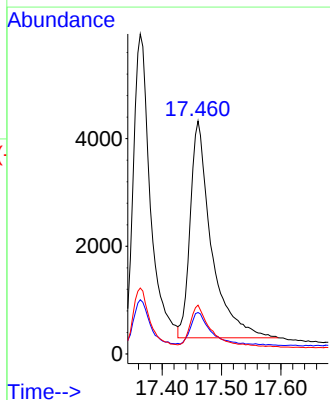
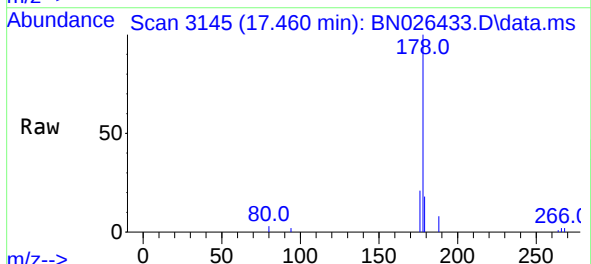
Instrument :
BNA_N
ClientSampleId :
YBW01MS

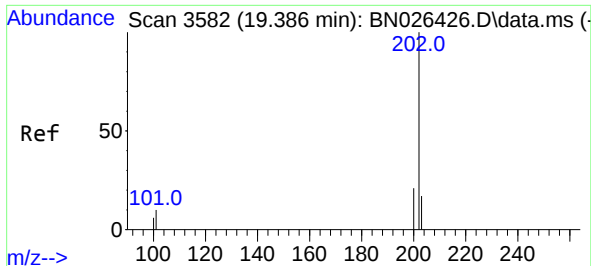
Tgt Ion:	178	Resp:	12067
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	19.0
176	20.6	15.8	23.6



#16
Anthracene
Concen: 0.191 ng/u1
RT: 17.460 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

Tgt Ion:	178	Resp:	9977
Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.6	18.8
176	20.9	15.1	22.7

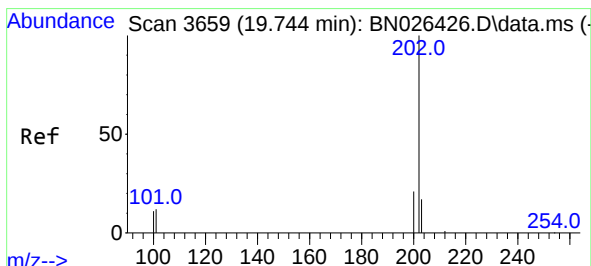
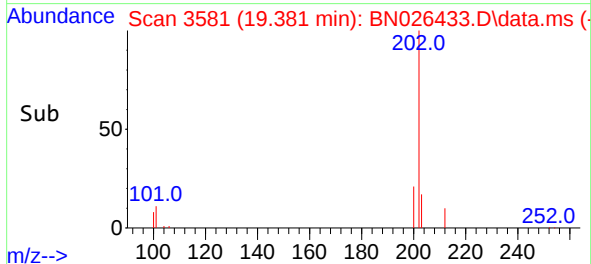
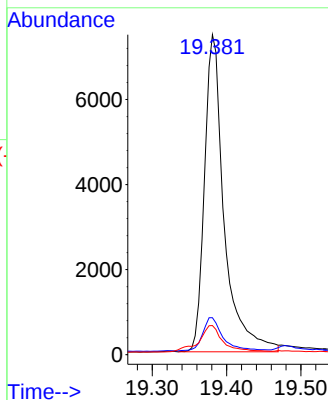
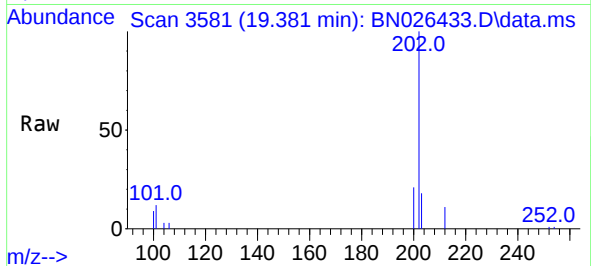




#19
Fluoranthene
Concen: 0.226 ng/ul
RT: 19.381 min Scan# 3581
Delta R.T. -0.006 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

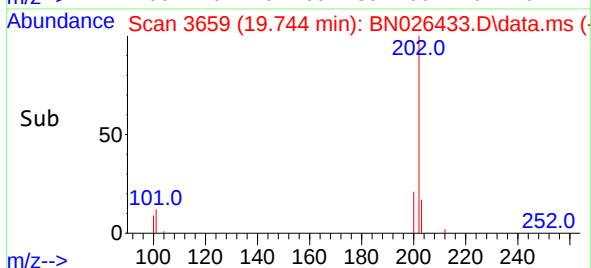
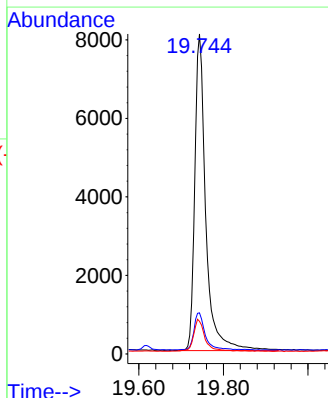
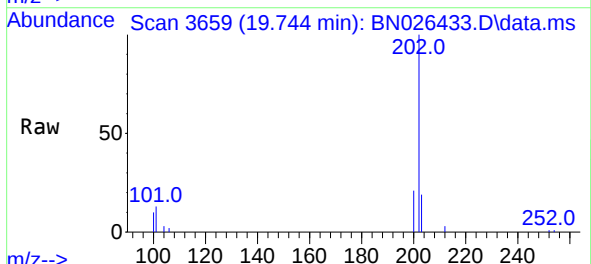
Instrument :
BNA_N
ClientSampleId :
YBW01MS

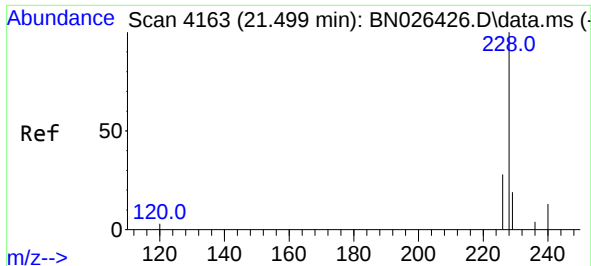
Tgt Ion:	202	Resp:	13716
Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.5	14.3
100	9.1	7.3	10.9



#20
Pyrene
Concen: 0.232 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.006 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

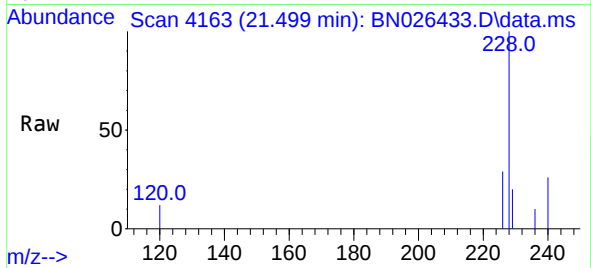
Tgt Ion:	202	Resp:	14617
Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.4	17.0
100	10.2	9.1	13.7





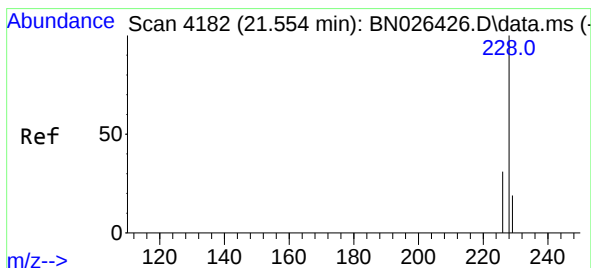
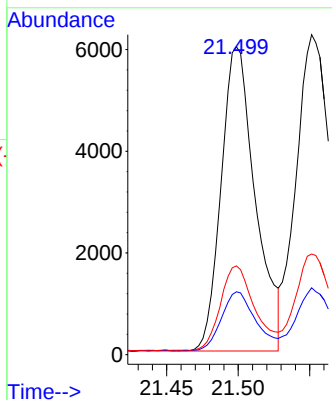
#21
Benzo(a)anthracene
Concen: 0.213 ng/ul
RT: 21.499 min Scan# 4163
Delta R.T. -0.001 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

Instrument :
BNA_N
ClientSampleId :
YBW01MS



Tgt Ion:228 Resp: 9971

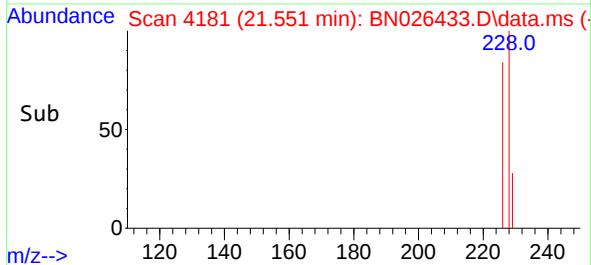
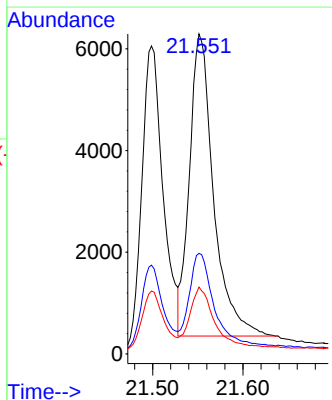
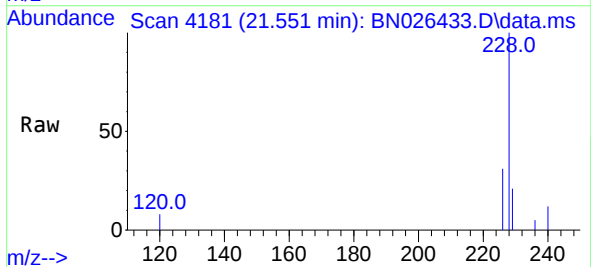
Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	28.8	22.5	33.7

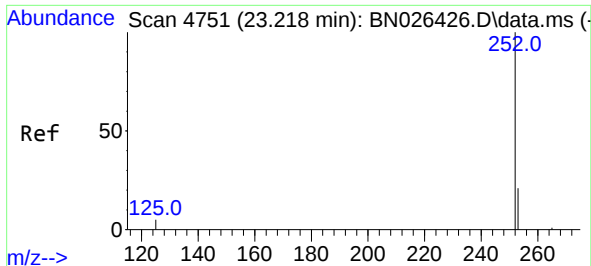


#22
Chrysene
Concen: 0.227 ng/ul
RT: 21.551 min Scan# 4181
Delta R.T. -0.001 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

Tgt Ion:228 Resp: 11041

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.8	37.2
229	20.9	15.7	23.5

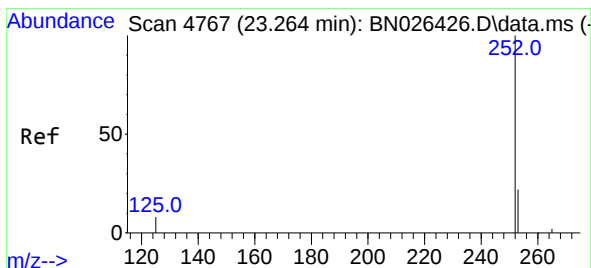
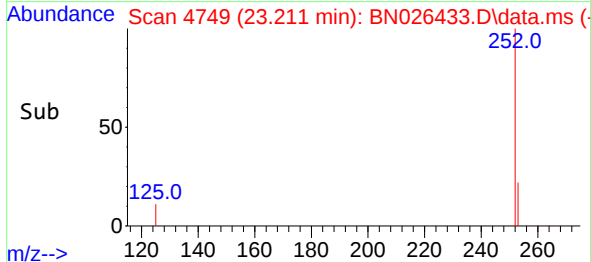
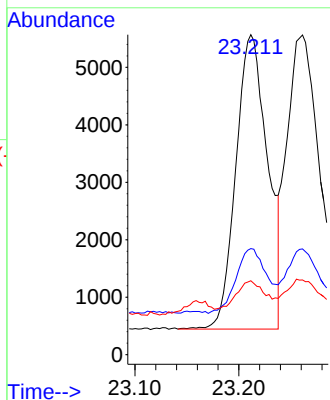
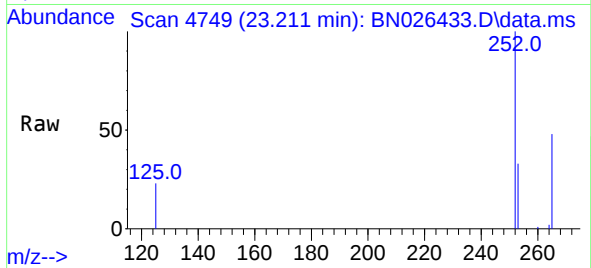




#24
Benzo(b)fluoranthene
Concen: 0.215 ng/ul
RT: 23.211 min Scan# 4749
Delta R.T. -0.007 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

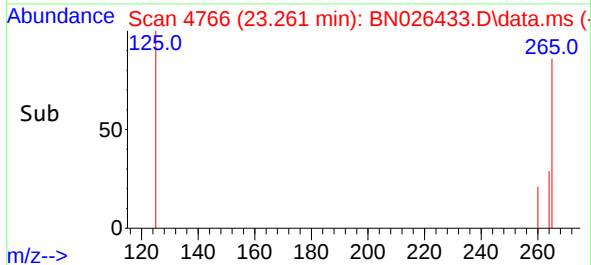
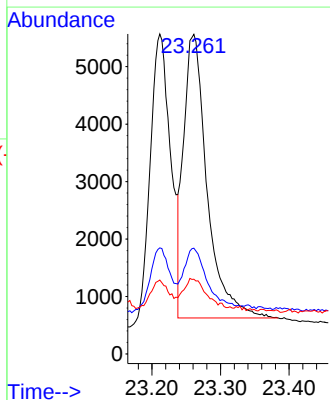
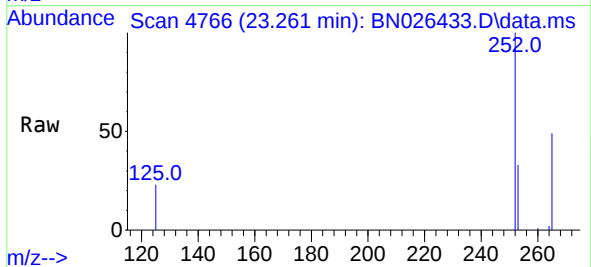
Instrument :
BNA_N
ClientSampleId :
YBW01MS

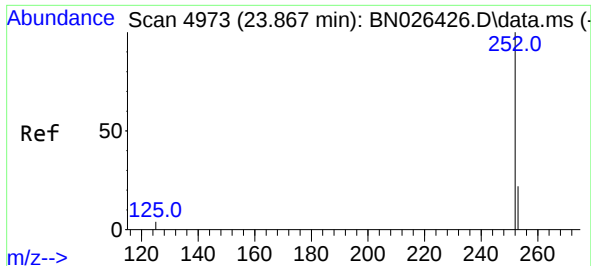
Tgt Ion:252 Resp: 10853
Ion Ratio Lower Upper
252 100
253 33.1 0.0 55.6
125 23.1 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.232 ng/ul
RT: 23.261 min Scan# 4766
Delta R.T. -0.001 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

Tgt Ion:252 Resp: 11747
Ion Ratio Lower Upper
252 100
253 33.1 23.2 34.8
125 23.4 15.0 22.4#

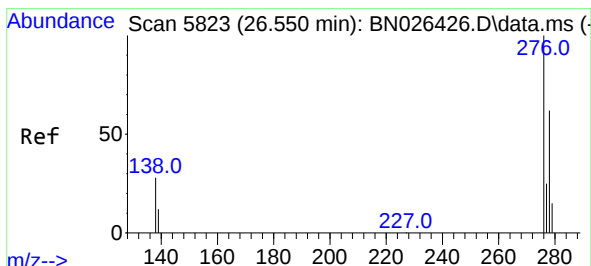
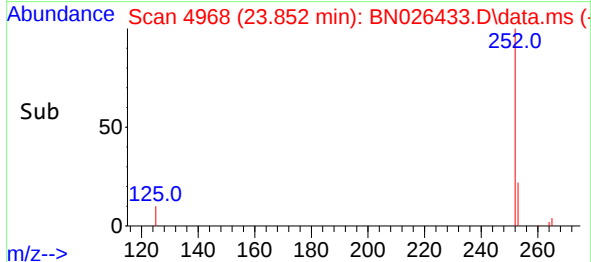
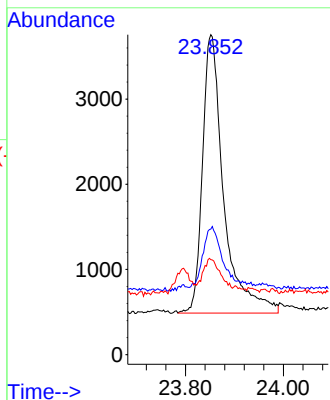
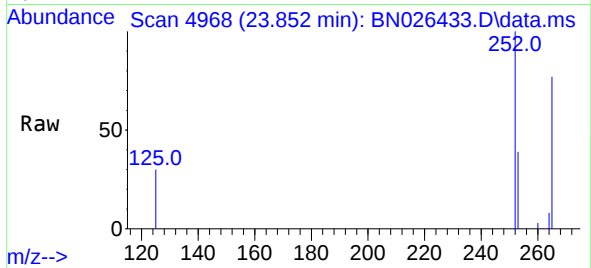




#26
Benzo(a)pyrene
Concen: 0.224 ng/ul
RT: 23.852 min Scan# 4973
Delta R.T. -0.018 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

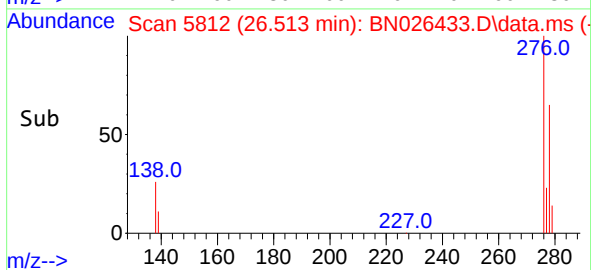
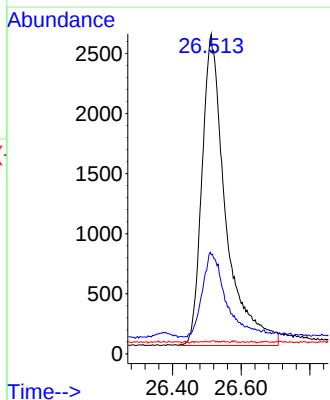
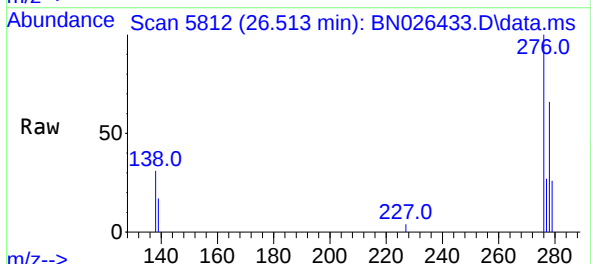
Instrument :
BNA_N
ClientSampleId :
YBW01MS

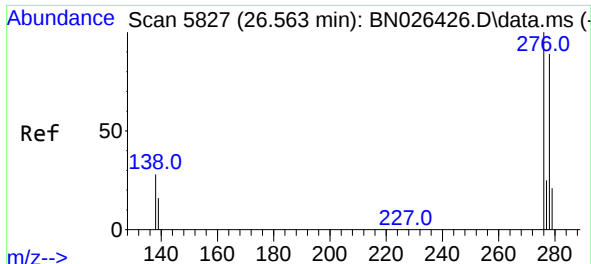
Tgt Ion:252 Resp: 9815
Ion Ratio Lower Upper
252 100
253 39.3 26.0 39.0#
125 29.7 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.259 ng/ul
RT: 26.513 min Scan# 5812
Delta R.T. -0.028 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

Tgt Ion:276 Resp: 12396
Ion Ratio Lower Upper
276 100
138 27.0 24.5 36.7
227 0.1 0.0 0.0#

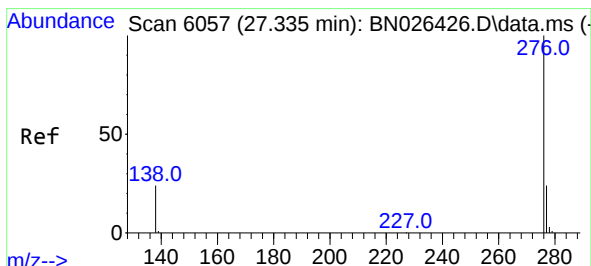
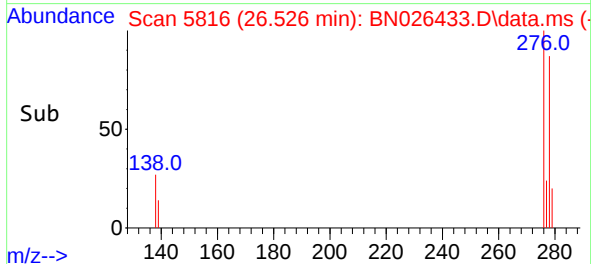
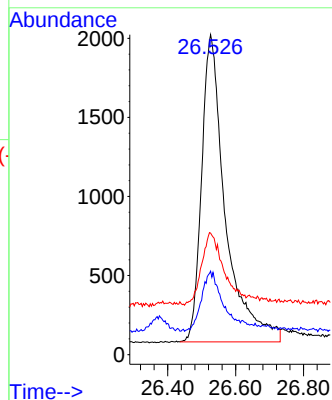
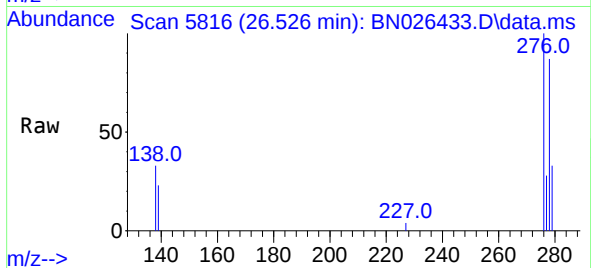




#28
Dibenzo(a,h)anthracene
Concen: 0.261 ng/ul
RT: 26.526 min Scan# 5816
Delta R.T. -0.034 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

Instrument :
BNA_N
ClientSampleId :
YBW01MS

Tgt Ion:278 Resp: 9448
Ion Ratio Lower Upper
278 100
139 26.1 19.0 28.4
279 38.0 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.263 ng/ul
RT: 27.294 min Scan# 6045
Delta R.T. -0.041 min
Lab File: BN026433.D
Acq: 09 Jul 2023 21:33

Tgt Ion:276 Resp: 11198
Ion Ratio Lower Upper
276 100
138 29.4 23.4 35.0
277 26.7 20.0 30.0

