

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
 Data File : BN026432.D
 Acq On : 09 Jul 2023 20:57
 Operator : MA/JU
 Sample : 03351-03MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW10MSD

Quant Time: Jul 10 01:36:33 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

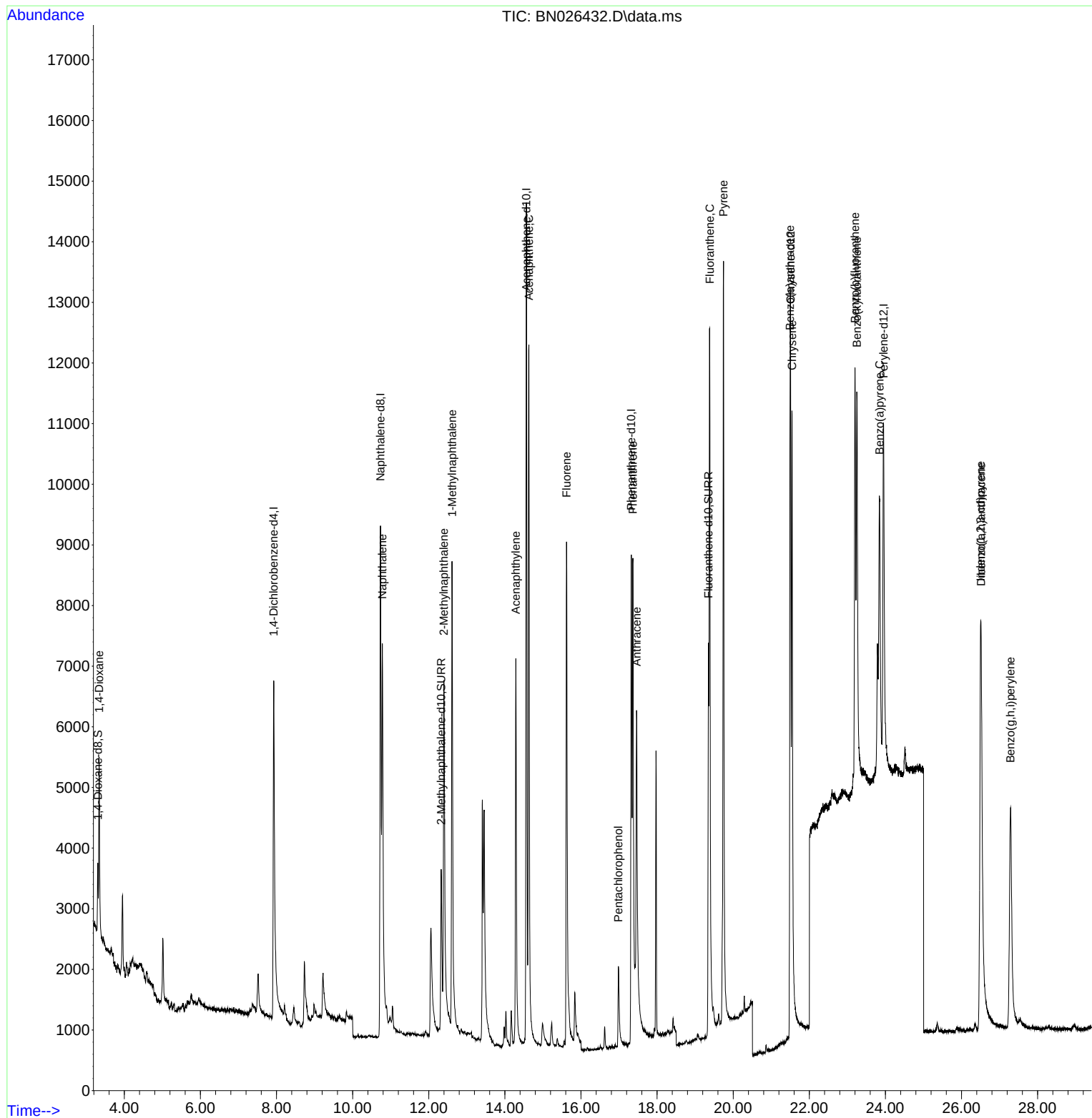
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	5032	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	17184	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.565	164	9325	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	13057	0.400	ng/ul	0.00
17) Chrysene-d12	21.508	240	9164	0.400	ng/ul	0.00
23) Perylene-d12	23.949	264	9565	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	899	0.159	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	5298	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	9225	0.264	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	2285	0.380	ng/ul	99
5) Naphthalene	10.781	128	11509	0.234	ng/ul	98
7) 2-Methylnaphthalene	12.398	142	5984	0.191	ng/ul	98
8) 1-Methylnaphthalene	12.612	142	6678	0.206	ng/ul	99
10) Acenaphthylene	14.288	152	9798	0.224	ng/ul	98
11) Acenaphthene	14.630	153	8860	0.248	ng/ul	93
12) Fluorene	15.620	166	7938	0.194	ng/ul	100
14) Pentachlorophenol	16.984	266	1381	0.295	ng/ul	98
15) Phenanthrene	17.364	178	10931	0.253	ng/ul	96
16) Anthracene	17.461	178	9128	0.238	ng/ul	94
19) Fluoranthene	19.382	202	12762	0.261	ng/ul	99
20) Pyrene	19.744	202	13858	0.272	ng/ul	97
21) Benzo(a)anthracene	21.494	228	10147	0.268	ng/ul	99
22) Chrysene	21.546	228	11340	0.288	ng/ul	99
24) Benzo(b)fluoranthene	23.201	252	10828	0.265	ng/ul	89
25) Benzo(k)fluoranthene	23.250	252	11844	0.289	ng/ul#	89
26) Benzo(a)pyrene	23.847	252	9437	0.266	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.500	276	12295	0.317	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.514	278	9552	0.326	ng/ul	95
29) Benzo(g,h,i)perylene	27.289	276	11150	0.324	ng/ul	98

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

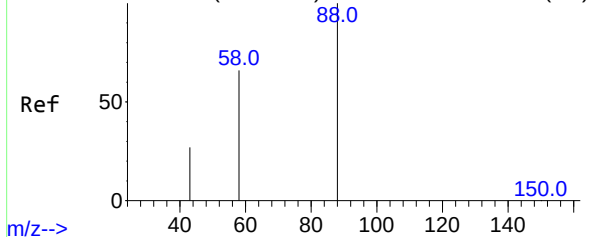
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
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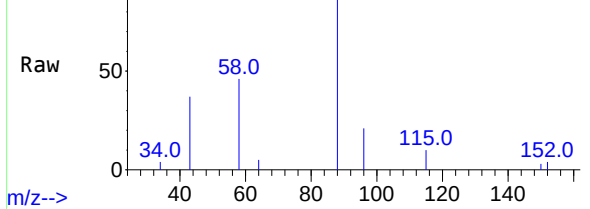


Abundance Scan 37 (3.339 min): BN026426.D\data.ms (-30)



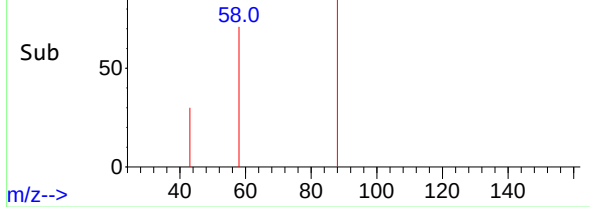
m/z-->

Abundance Scan 37 (3.339 min): BN026432.D\data.ms



m/z-->

Abundance Scan 37 (3.339 min): BN026432.D\data.ms (-25)



m/z-->

#2

1,4-Dioxane

Concen: 0.380 ng/ul

RT: 3.339 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN026432.D

Acq: 09 Jul 2023 20:57

Instrument :

BNA_N

ClientSampleId :

YBW10MSD

Tgt Ion: 88 Resp: 2285

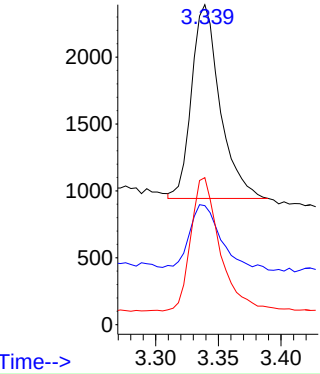
Ion Ratio Lower Upper

88 100

43 37.2 29.5 44.3

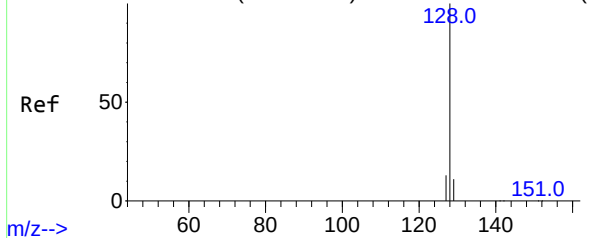
58 45.9 37.4 56.2

Abundance



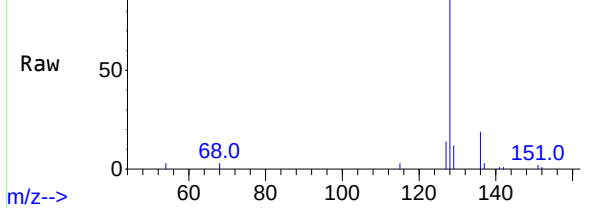
Time-->

Abundance Scan 1761 (10.781 min): BN026426.D\data.ms (-



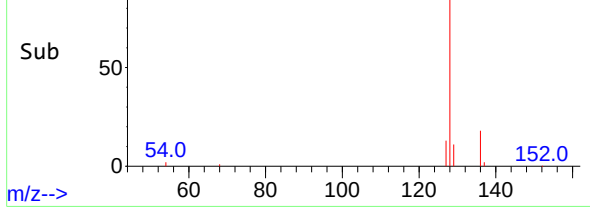
m/z-->

Abundance Scan 1761 (10.781 min): BN026432.D\data.ms



m/z-->

Abundance Scan 1761 (10.781 min): BN026432.D\data.ms (-



m/z-->

#5

Naphthalene

Concen: 0.234 ng/ul

RT: 10.781 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BN026432.D

Acq: 09 Jul 2023 20:57

Tgt Ion:128 Resp: 11509

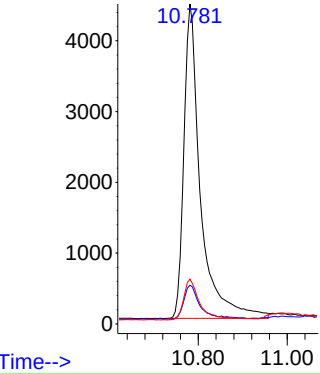
Ion Ratio Lower Upper

128 100

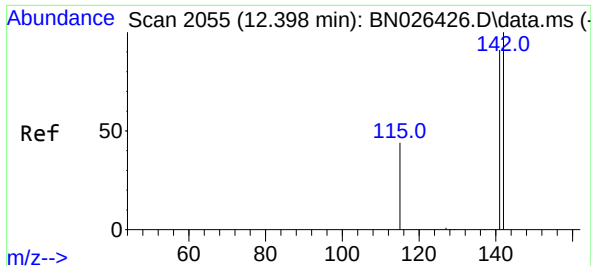
129 12.1 9.1 13.7

127 14.0 10.7 16.1

Abundance



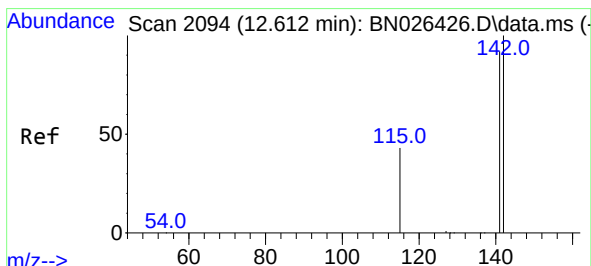
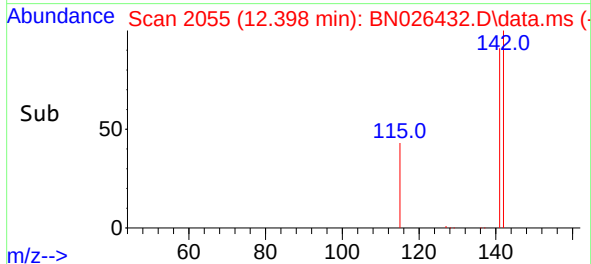
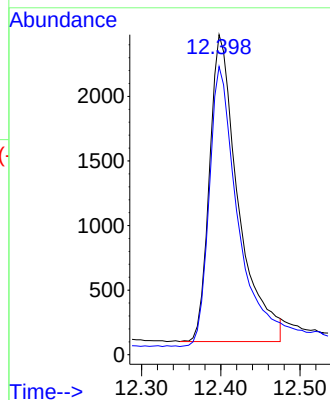
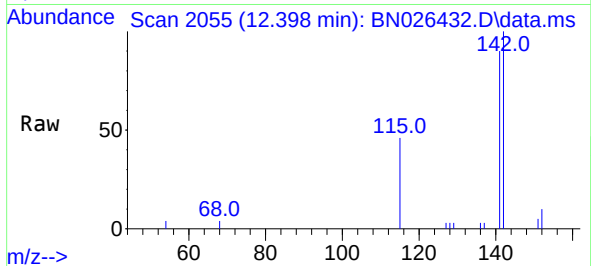
Time-->



#7
2-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 12.398 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

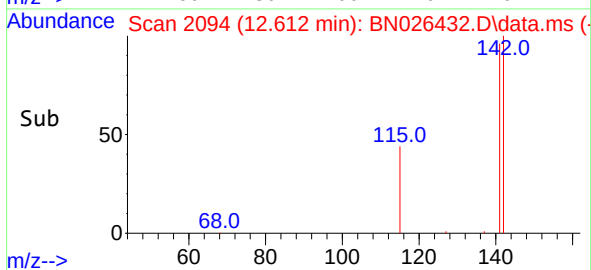
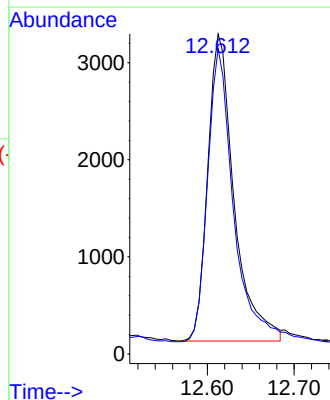
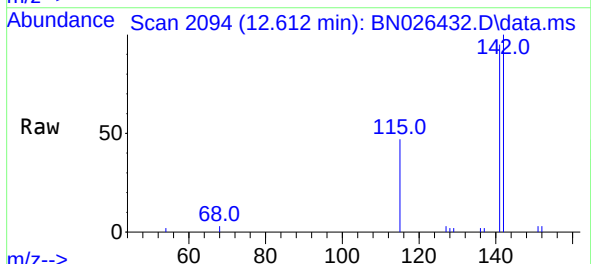
Instrument :
BNA_N
ClientSampleId :
YBW10MSD

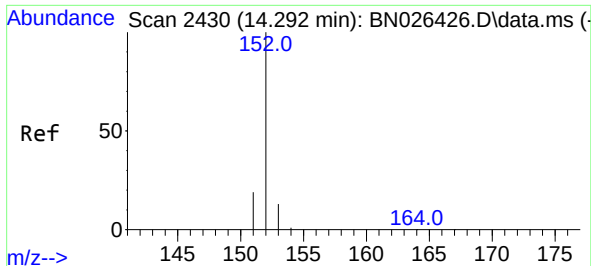
Tgt Ion:142 Resp: 5984
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.612 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

Tgt Ion:142 Resp: 6678
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4



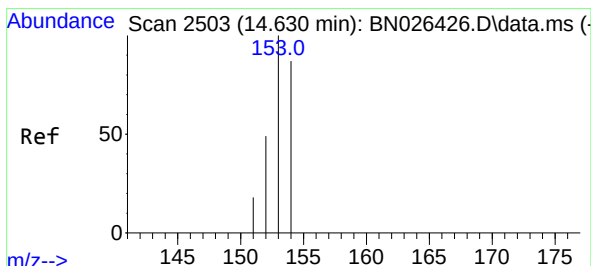
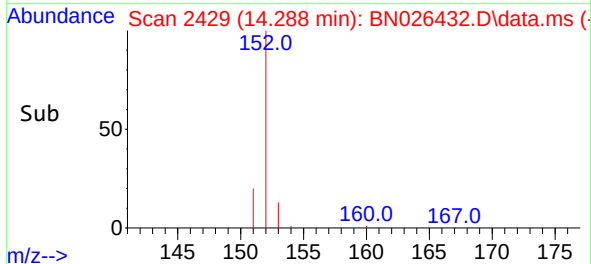
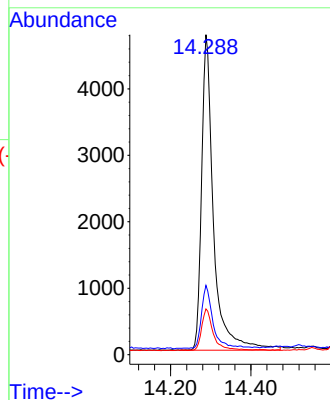
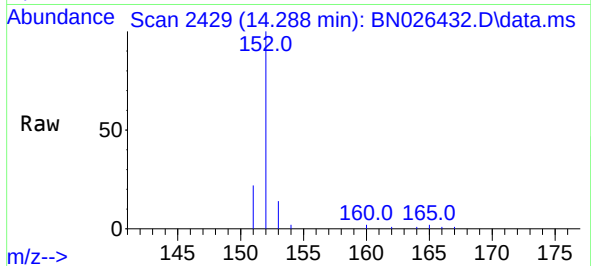


#10
Acenaphthylene
Concen: 0.224 ng/ul
RT: 14.288 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

Instrument :
BNA_N
ClientSampleId :
YBW10MSD

Tgt Ion:152 Resp: 9798

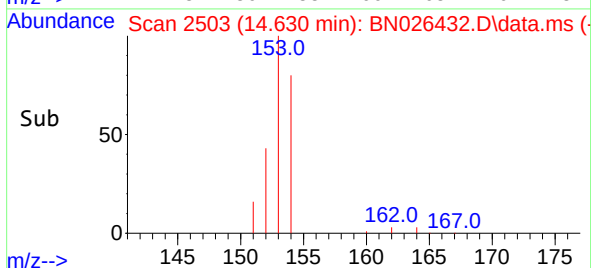
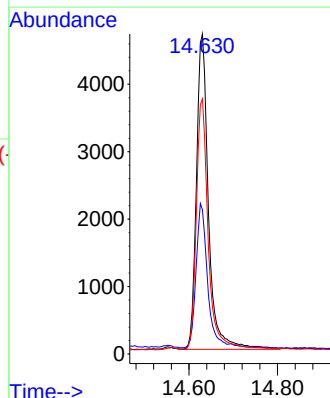
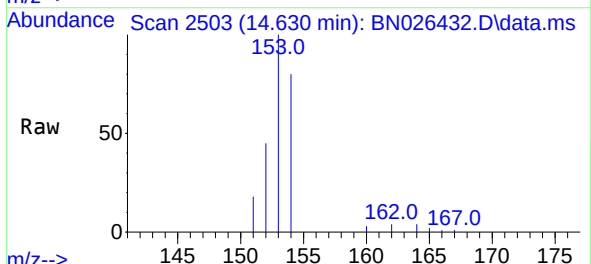
Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.2	24.4
153	14.3	10.9	16.3

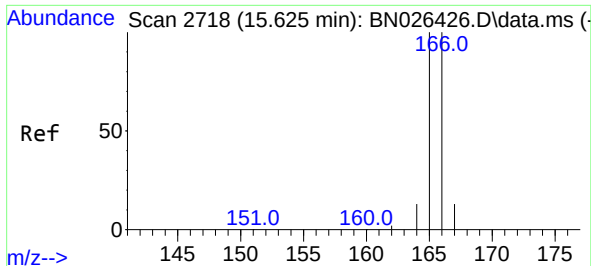


#11
Acenaphthene
Concen: 0.248 ng/ul
RT: 14.630 min Scan# 2503
Delta R.T. -0.000 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

Tgt Ion:153 Resp: 8860

Ion	Ratio	Lower	Upper
153	100		
152	45.1	39.4	59.0
154	79.7	68.9	103.3

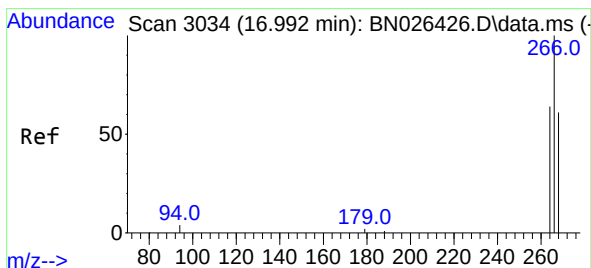
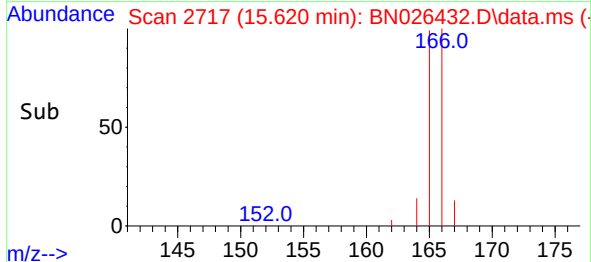
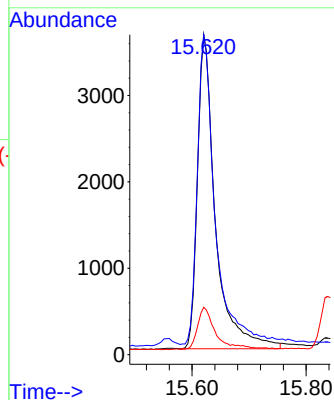
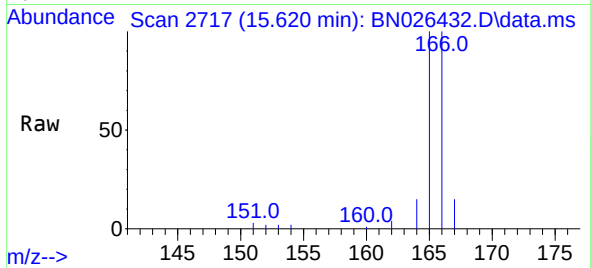




#12
Fluorene
Concen: 0.194 ng/ul
RT: 15.620 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

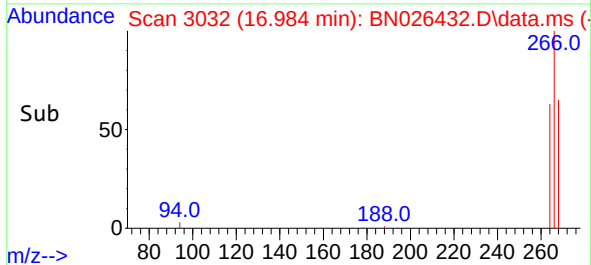
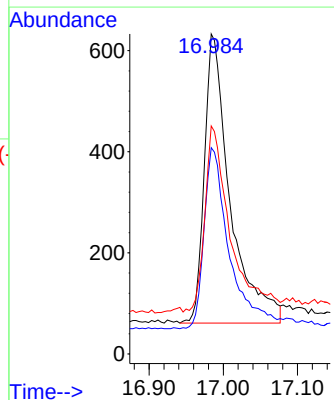
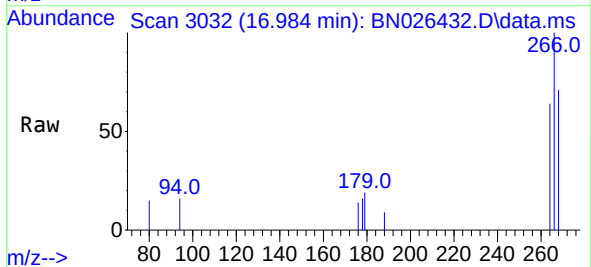
Instrument :
BNA_N
ClientSampleId :
YBW10MSD

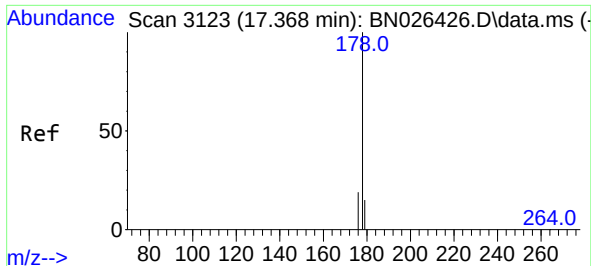
Tgt Ion:166 Resp: 7938
Ion Ratio Lower Upper
166 100
165 99.9 79.9 119.9
167 14.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.295 ng/ul
RT: 16.984 min Scan# 3032
Delta R.T. -0.013 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

Tgt Ion:266 Resp: 1381
Ion Ratio Lower Upper
266 100
264 61.5 50.5 75.7
268 63.4 51.6 77.4

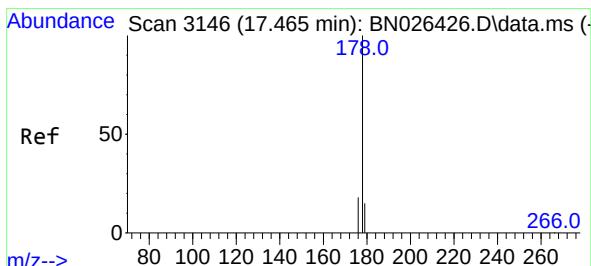
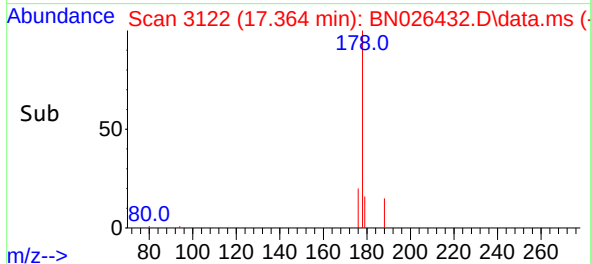
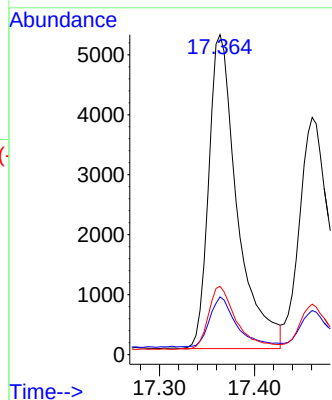
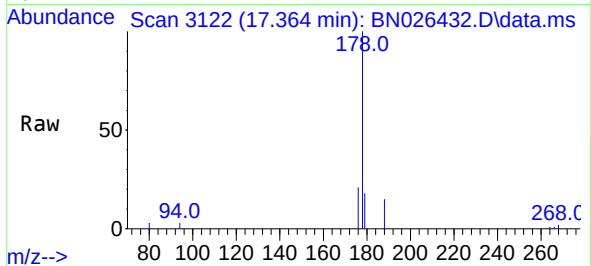




#15
Phenanthrene
Concen: 0.253 ng/ul
RT: 17.364 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

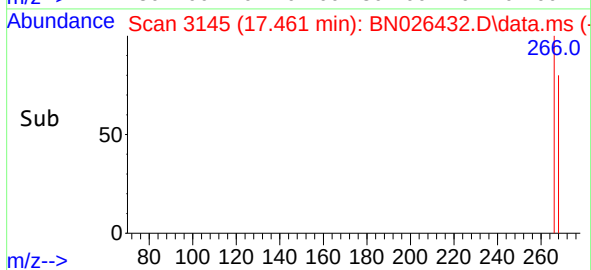
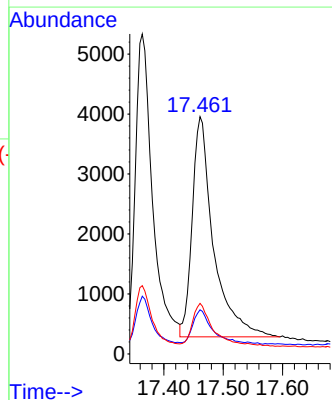
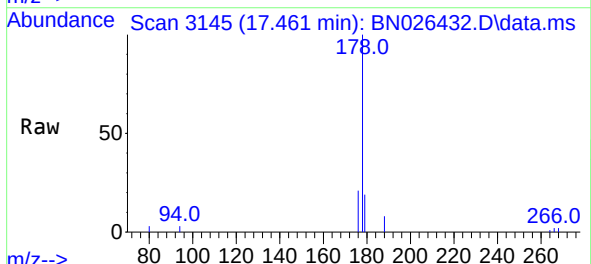
Instrument :
BNA_N
ClientSampleId :
YBW10MSD

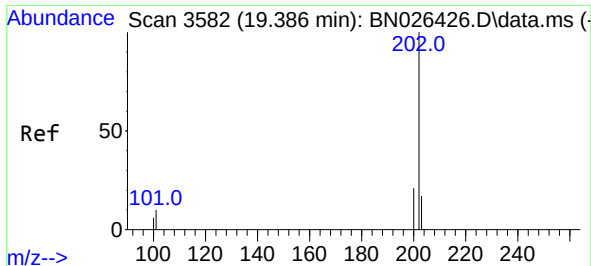
Tgt Ion:	178	Resp:	10931
Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.6	19.0
176	21.3	15.8	23.6



#16
Anthracene
Concen: 0.238 ng/ul
RT: 17.461 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

Tgt Ion:	178	Resp:	9128
Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.6	18.8
176	21.3	15.1	22.7

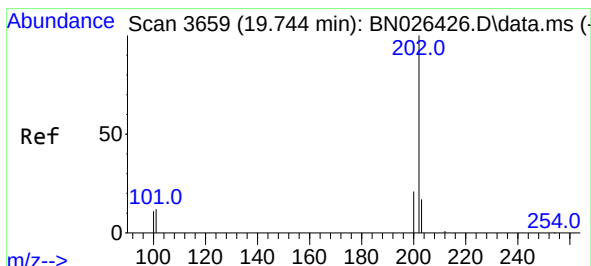
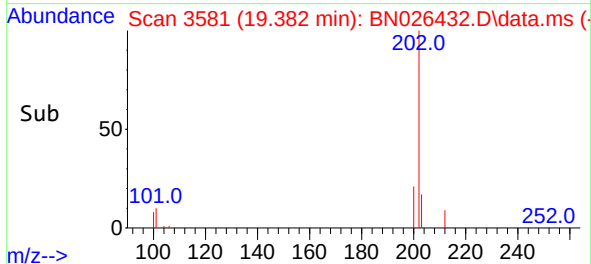
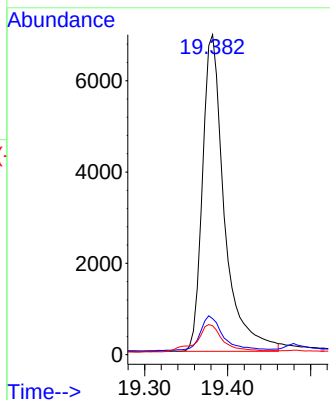
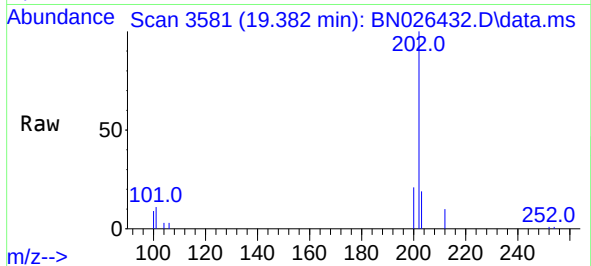




#19
Fluoranthene
Concen: 0.261 ng/ul
RT: 19.382 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

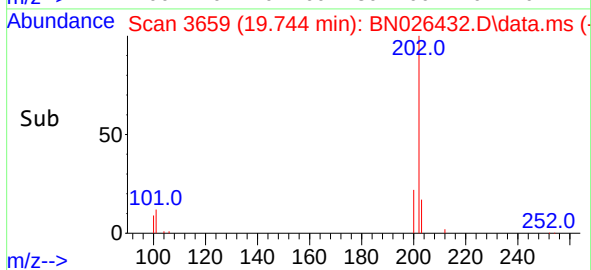
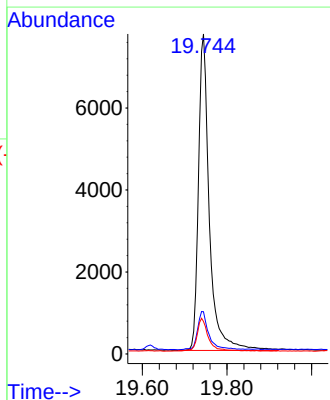
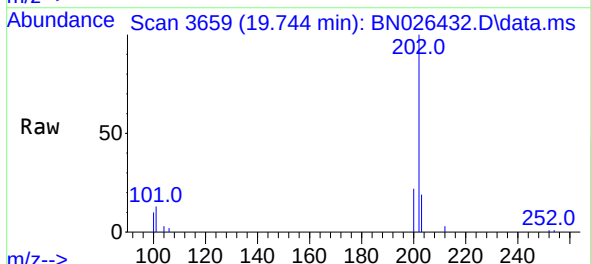
Instrument :
BNA_N
ClientSampleId :
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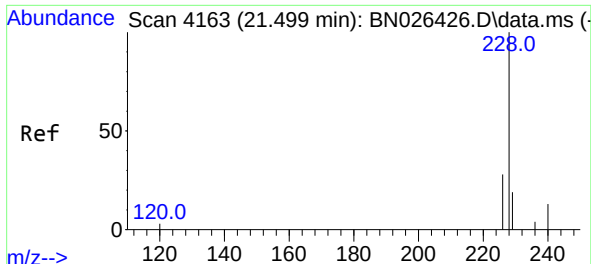
Tgt Ion:	202	Resp:	12762
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.5	14.3
100	9.0	7.3	10.9



#20
Pyrene
Concen: 0.272 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

Tgt Ion:	202	Resp:	13858
Ion Ratio	Lower	Upper	
202	100		
101	13.2	11.4	17.0
100	10.2	9.1	13.7



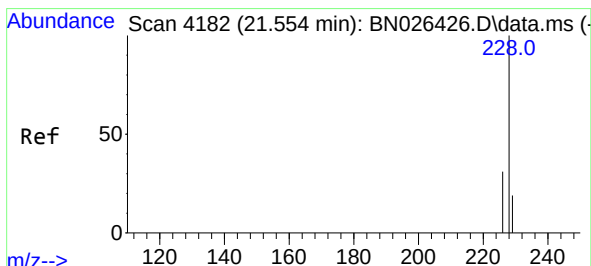
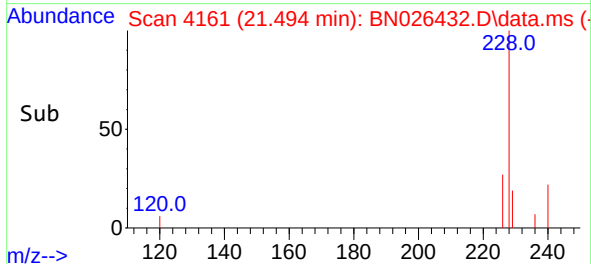
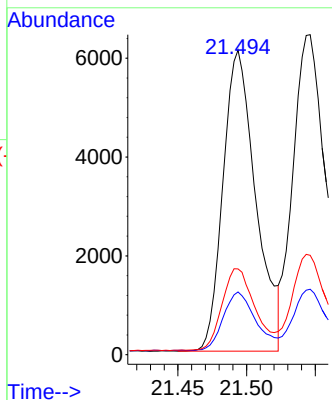
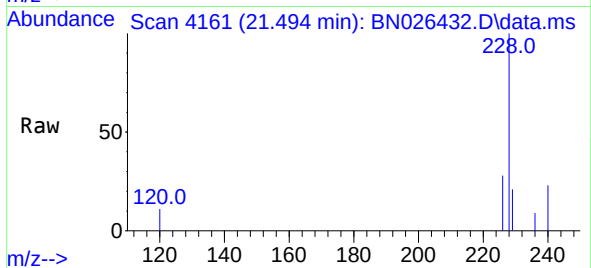


#21
Benzo(a)anthracene
Concen: 0.268 ng/ul
RT: 21.494 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 10147

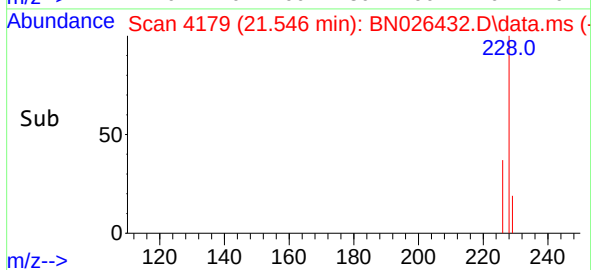
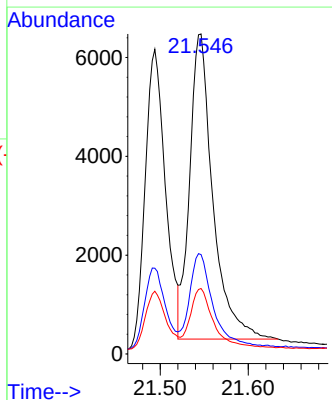
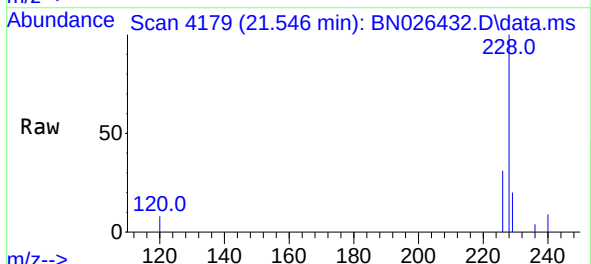
Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.6
226	28.2	22.5	33.7

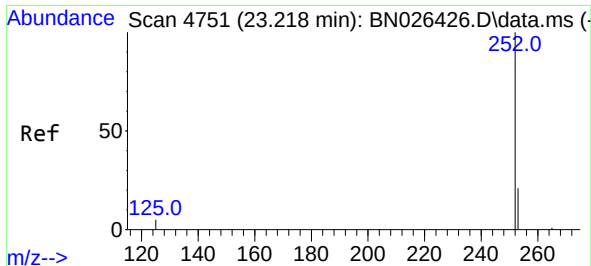


#22
Chrysene
Concen: 0.288 ng/ul
RT: 21.546 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

Tgt Ion:228 Resp: 11340

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	20.5	15.7	23.5



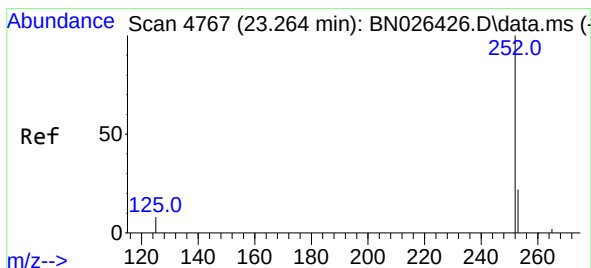
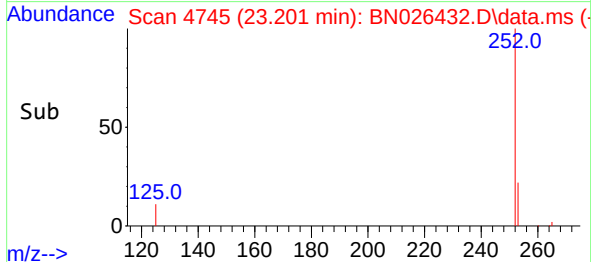
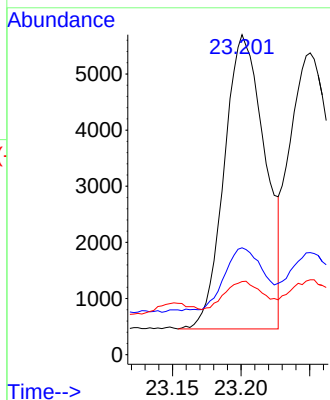
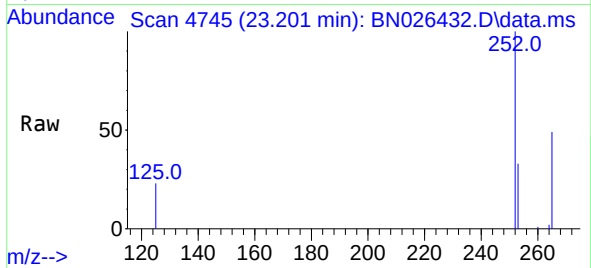


#24
Benzo(b)fluoranthene
Concen: 0.265 ng/ul
RT: 23.201 min Scan# 4745
Delta R.T. -0.018 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

Instrument :
BNA_N
ClientSampleId :
YBW10MSD

Tgt Ion:252 Resp: 10828

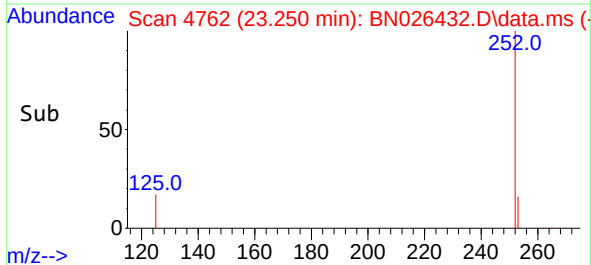
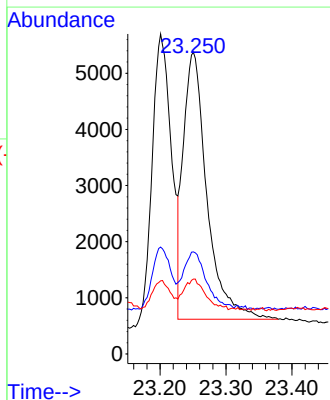
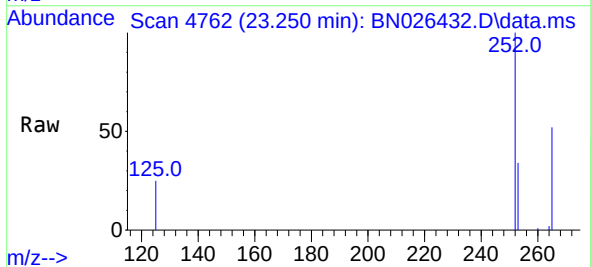
Ion	Ratio	Lower	Upper
252	100		
253	33.4	0.0	55.6
125	22.9	0.0	35.8

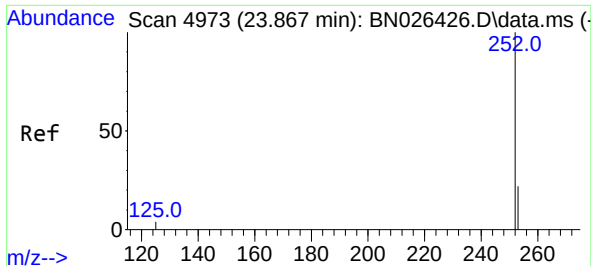


#25
Benzo(k)fluoranthene
Concen: 0.289 ng/ul
RT: 23.250 min Scan# 4762
Delta R.T. -0.012 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

Tgt Ion:252 Resp: 11844

Ion	Ratio	Lower	Upper
252	100		
253	33.8	23.2	34.8
125	24.8	15.0	22.4

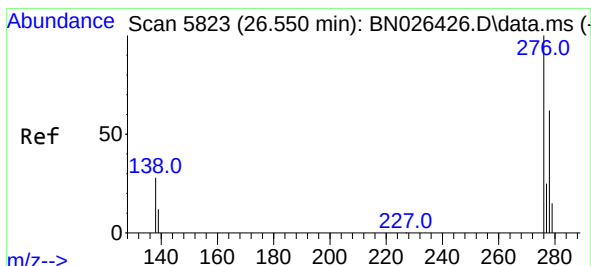
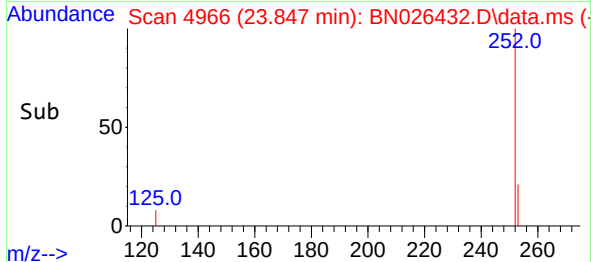
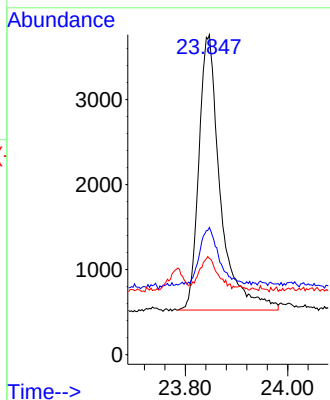
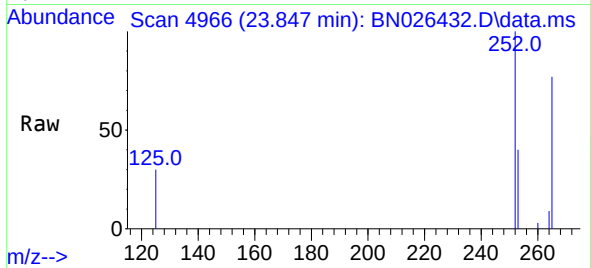




#26
Benzo(a)pyrene
Concen: 0.266 ng/ul
RT: 23.847 min Scan# 4966
Delta R.T. -0.023 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

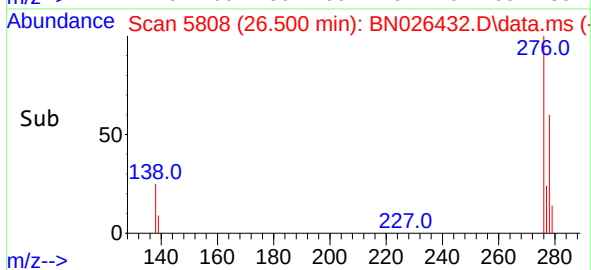
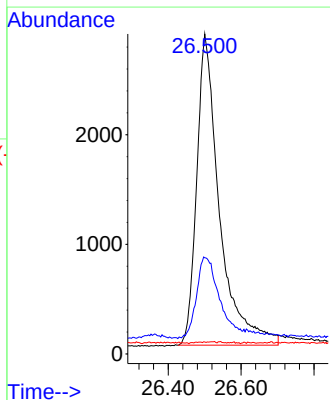
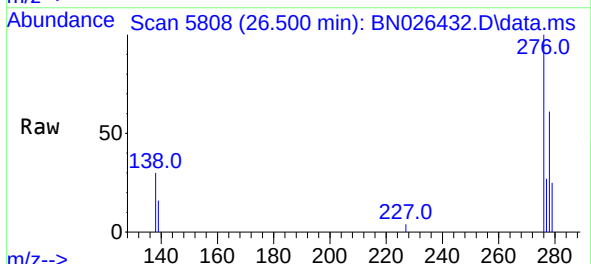
Instrument :
BNA_N
ClientSampleId :
YBW10MSD

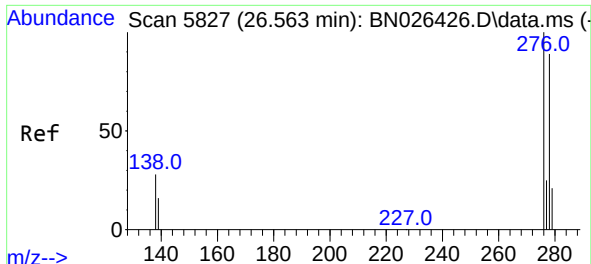
Tgt Ion:252 Resp: 9437
Ion Ratio Lower Upper
252 100
253 39.7 26.0 39.0#
125 30.0 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/ul
RT: 26.500 min Scan# 5808
Delta R.T. -0.040 min
Lab File: BN026432.D
Acq: 09 Jul 2023 20:57

Tgt Ion:276 Resp: 12295
Ion Ratio Lower Upper
276 100
138 28.2 24.5 36.7
227 0.0 0.0 0.0#

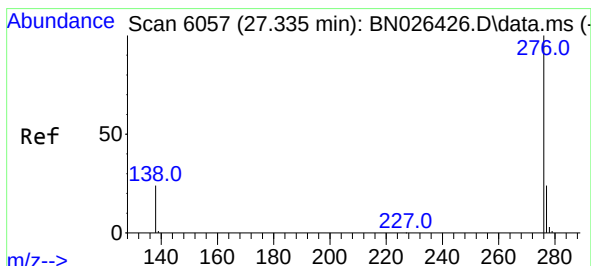
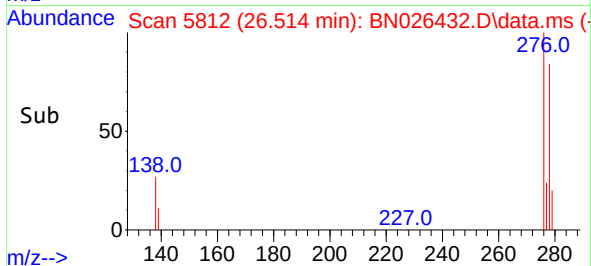
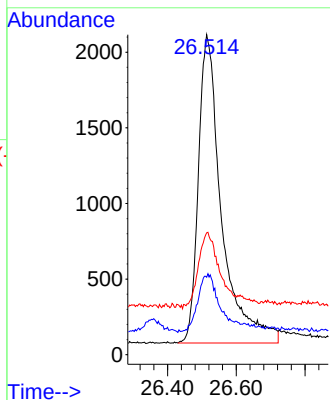
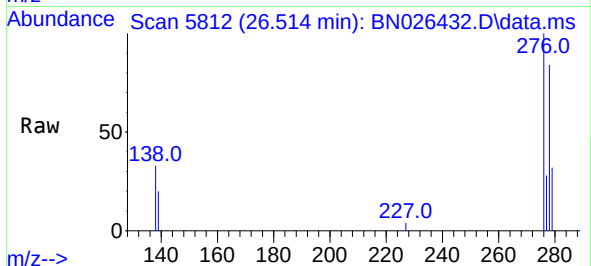




#28
 Dibenzo(a,h)anthracene
 Concen: 0.326 ng/ul
 RT: 26.514 min Scan# 5812
 Delta R.T. -0.047 min
 Lab File: BN026432.D
 Acq: 09 Jul 2023 20:57

Instrument :
 BNA_N
 ClientSampleId :
 YBW10MSD

Tgt Ion:278 Resp: 9552
 Ion Ratio Lower Upper
 278 100
 139 24.2 19.0 28.4
 279 38.1 26.7 40.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.324 ng/ul
 RT: 27.289 min Scan# 6043
 Delta R.T. -0.047 min
 Lab File: BN026432.D
 Acq: 09 Jul 2023 20:57

Tgt Ion:276 Resp: 11150
 Ion Ratio Lower Upper
 276 100
 138 29.8 23.4 35.0
 277 26.9 20.0 30.0

