

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071023\
 Data File : BN026441.D
 Acq On : 10 Jul 2023 11:04
 Operator : MA/JU
 Sample : 03404-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 04:17:53 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)

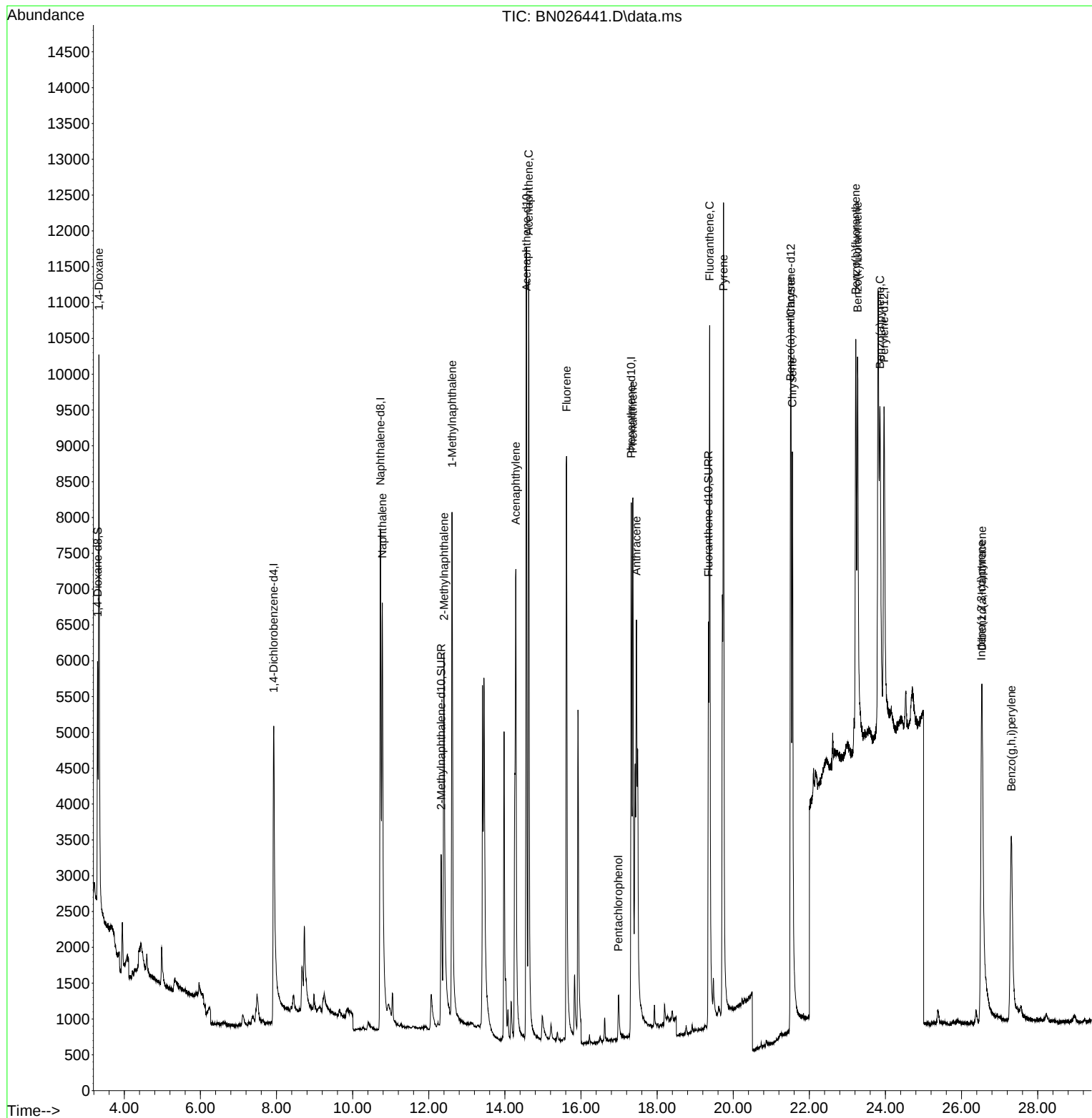
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	4069	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.730	136	14094	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.565	164	7263	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	11406	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	7610	0.400	ng/ul	0.00
23) Perylene-d12	23.963	264	7450	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2362	0.515	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.325	152	4925	0.227	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	7693	0.266	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	5725	1.177	ng/ul#	89
5) Naphthalene	10.780	128	10612	0.263	ng/ul	97
7) 2-Methylnaphthalene	12.402	142	5780	0.225	ng/ul	99
8) 1-Methylnaphthalene	12.611	142	6347	0.238	ng/ul	99
10) Acenaphthylene	14.288	152	9058	0.266	ng/ul	98
11) Acenaphthene	14.625	153	7286	0.262	ng/ul	99
12) Fluorene	15.620	166	7211	0.226	ng/ul	98
14) Pentachlorophenol	16.983	266	652	0.159	ng/ul	95
15) Phenanthrene	17.363	178	9818	0.261	ng/ul	96
16) Anthracene	17.456	178	9528	0.285	ng/ul	95
19) Fluoranthene	19.381	202	10644	0.262	ng/ul	99
20) Pyrene	19.744	202	11475	0.271	ng/ul	99
21) Benzo(a)anthracene	21.505	228	7842	0.250	ng/ul	98
22) Chrysene	21.554	228	8810	0.270	ng/ul	99
24) Benzo(b)fluoranthene	23.220	252	8453	0.266	ng/ul	86
25) Benzo(k)fluoranthene	23.267	252	9367	0.293	ng/ul#	86
26) Benzo(a)pyrene	23.858	252	7222	0.261	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.523	276	8977	0.298	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.540	278	6890	0.302	ng/ul#	88
29) Benzo(g,h,i)perylene	27.308	276	8266	0.308	ng/ul	96

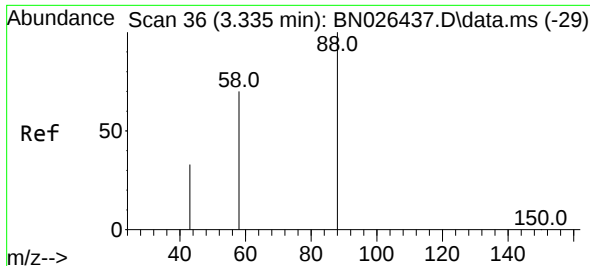
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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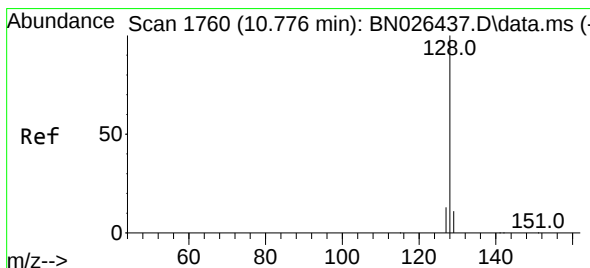
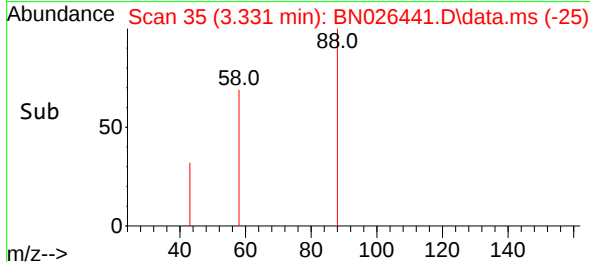
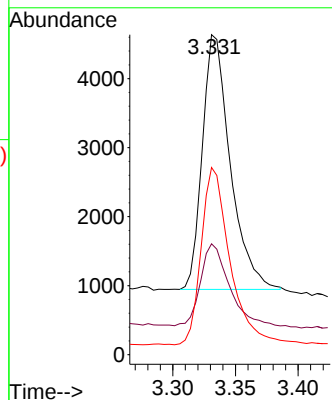
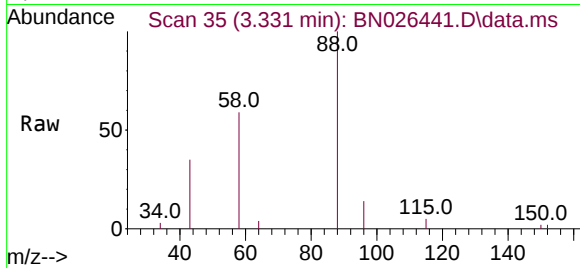




#2
 1,4-Dioxane
 Concen: 1.177 ng/ul
 RT: 3.331 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BN026441.D
 Acq: 10 Jul 2023 11:04

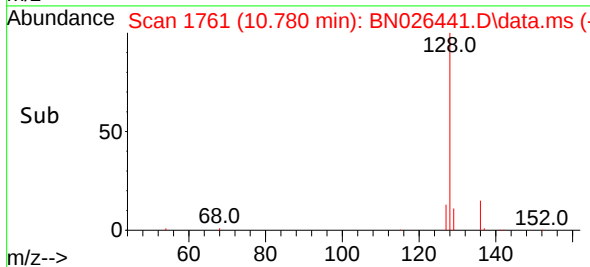
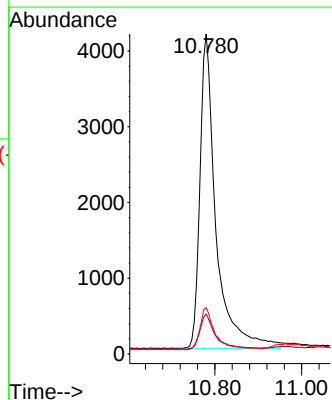
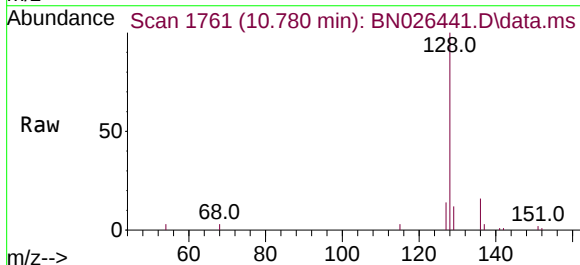
Instrument :
 BNA_N
 ClientSampleId :

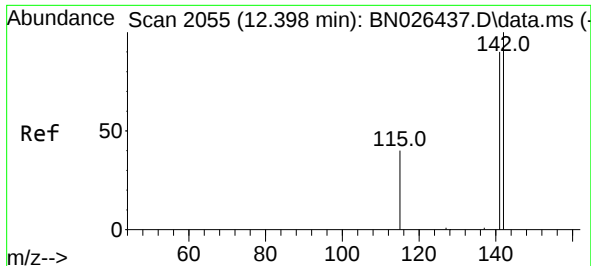
Tgt Ion: 88 Resp: 5725
 Ion Ratio Lower Upper
 88 100
 43 34.7 29.5 44.3
 58 58.5 37.4 56.2#



#5
 Naphthalene
 Concen: 0.263 ng/ul
 RT: 10.780 min Scan# 1761
 Delta R.T. -0.007 min
 Lab File: BN026441.D
 Acq: 10 Jul 2023 11:04

Tgt Ion: 128 Resp: 10612
 Ion Ratio Lower Upper
 128 100
 129 12.4 9.1 13.7
 127 14.4 10.7 16.1

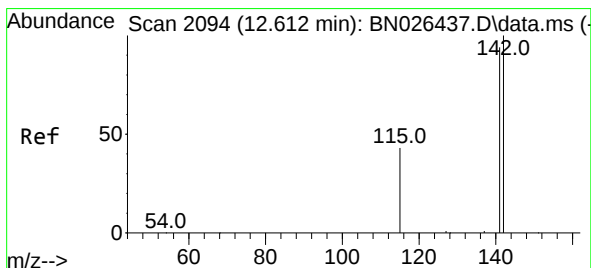
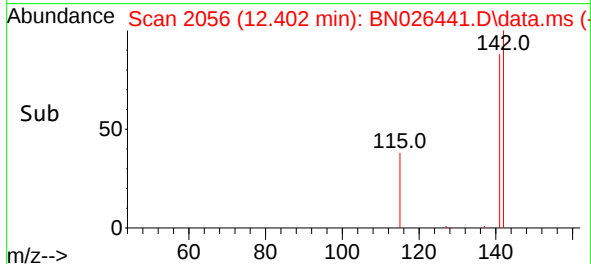
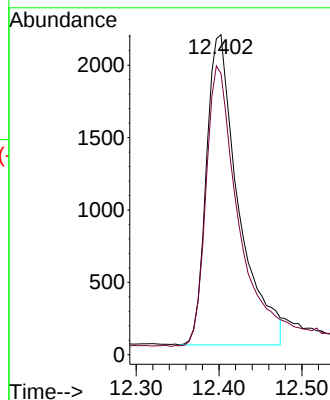
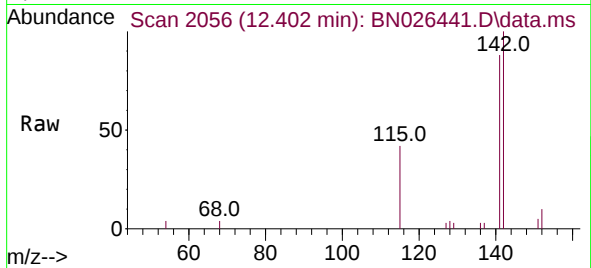




#7
2-Methylnaphthalene
Concen: 0.225 ng/ul
RT: 12.402 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

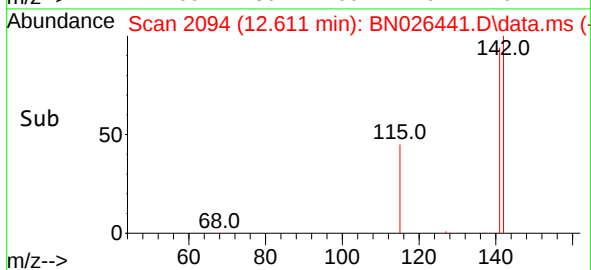
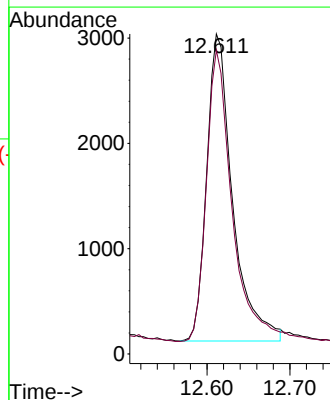
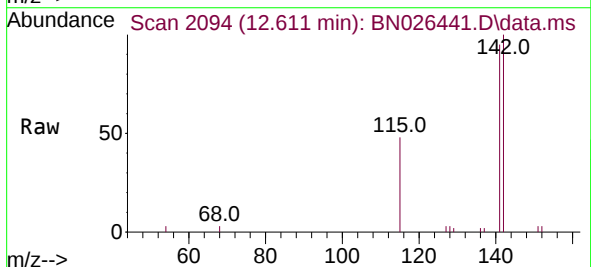
Instrument :
BNA_N
ClientSampleId :

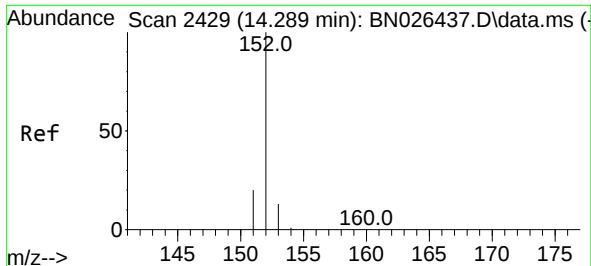
Tgt Ion:142 Resp: 5780
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 12.611 min Scan# 2094
Delta R.T. -0.007 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

Tgt Ion:142 Resp: 6347
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4

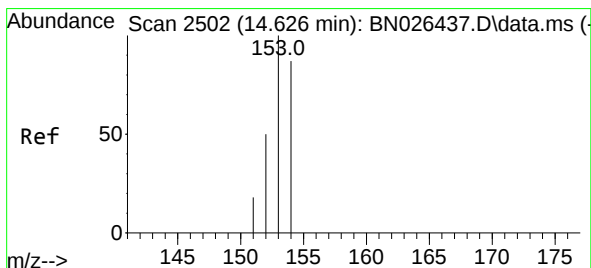
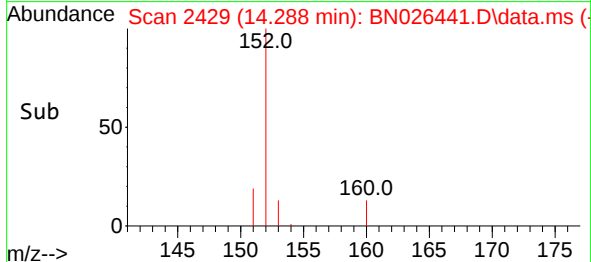
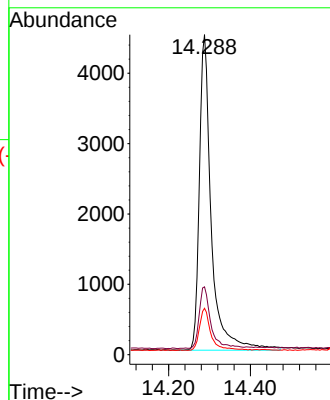
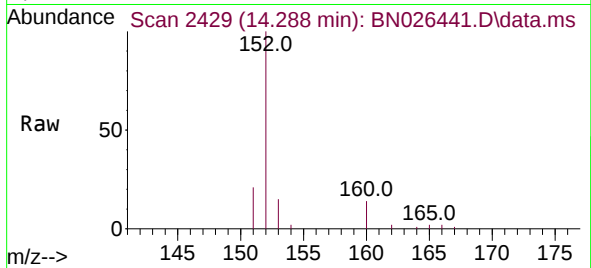




#10
Acenaphthylene
Concen: 0.266 ng/ul
RT: 14.288 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

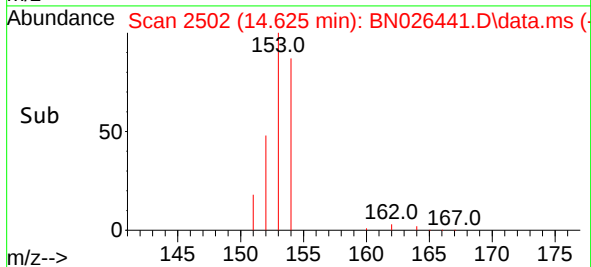
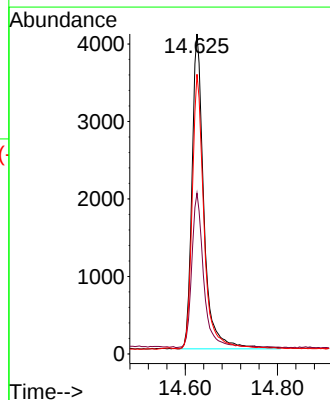
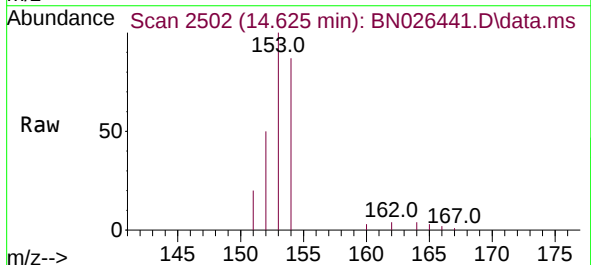
Instrument :
BNA_N
ClientSampleId :

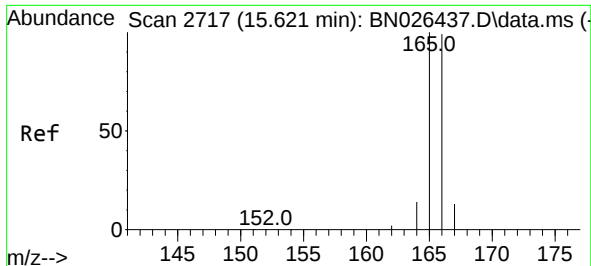
Tgt Ion:152 Resp: 9058
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 14.5 10.9 16.3



#11
Acenaphthene
Concen: 0.262 ng/ul
RT: 14.625 min Scan# 2502
Delta R.T. -0.005 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

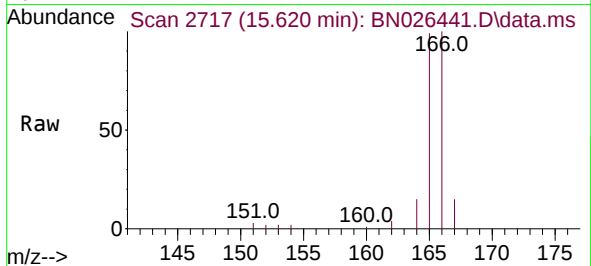
Tgt Ion:153 Resp: 7286
Ion Ratio Lower Upper
153 100
152 50.2 39.4 59.0
154 87.4 68.9 103.3



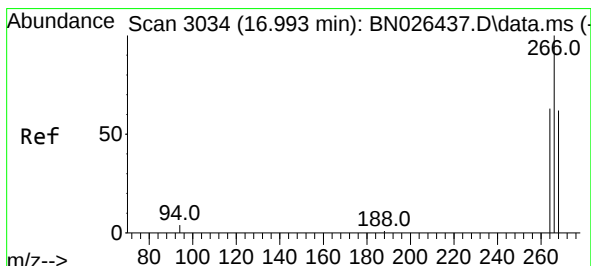
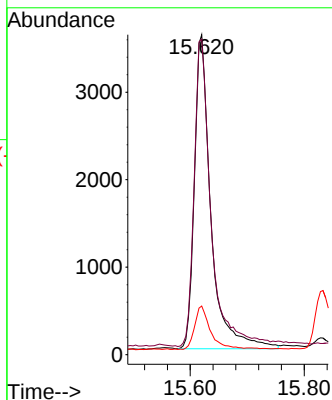
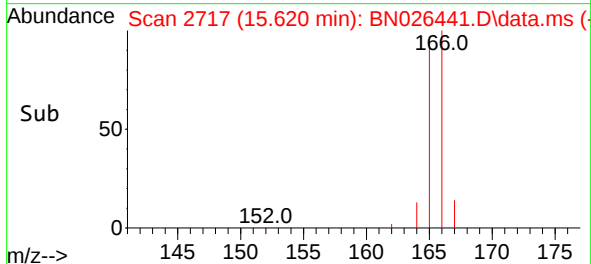


#12
Fluorene
Concen: 0.226 ng/ul
RT: 15.620 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

Instrument :
BNA_N
ClientSampleId :

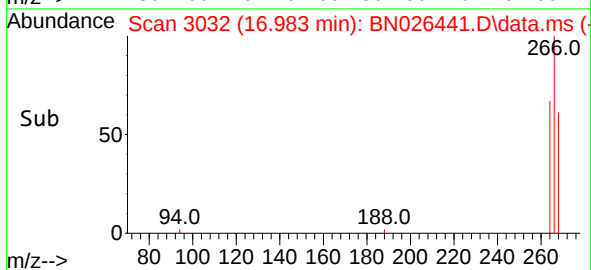
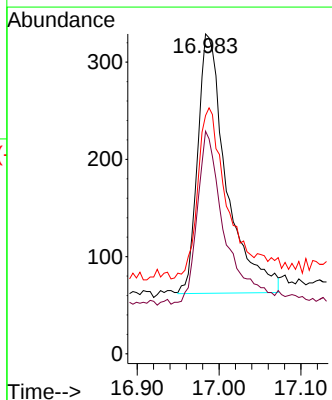
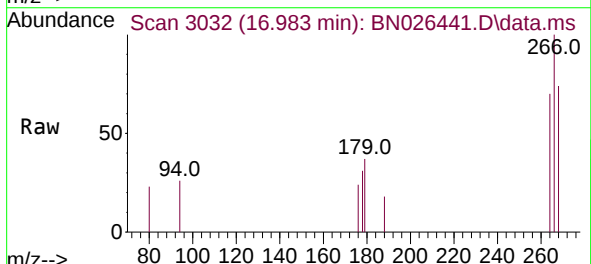


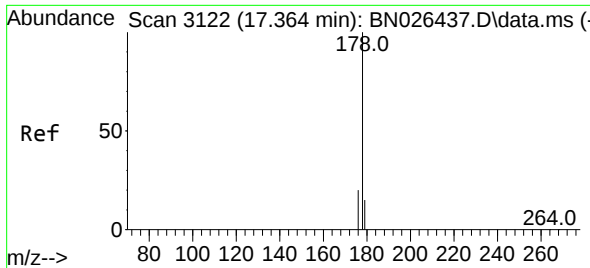
Tgt Ion:166 Resp: 7211
Ion Ratio Lower Upper
166 100
165 98.6 79.9 119.9
167 15.2 10.8 16.2



#14
Pentachlorophenol
Concen: 0.159 ng/ul
RT: 16.983 min Scan# 3032
Delta R.T. -0.013 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

Tgt Ion:266 Resp: 652
Ion Ratio Lower Upper
266 100
264 62.3 50.5 75.7
268 71.5 51.6 77.4

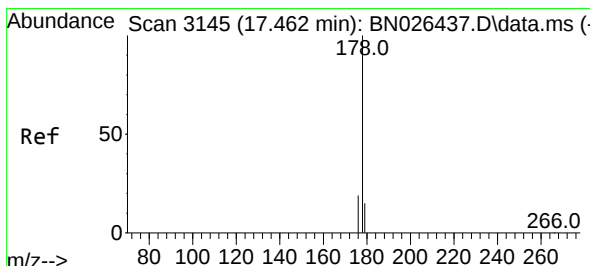
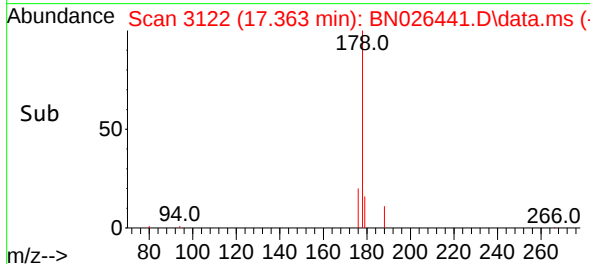
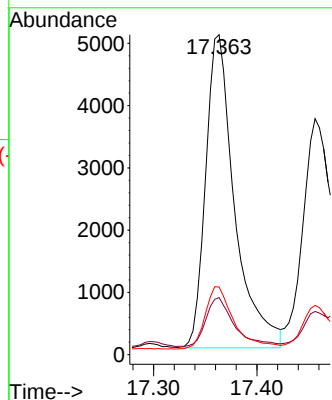
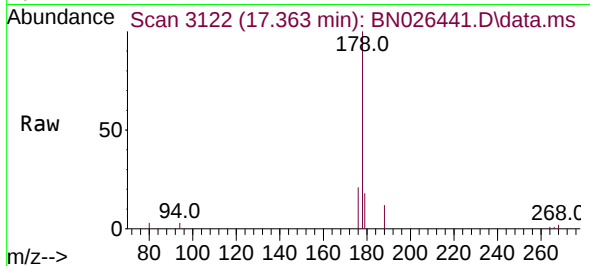




#15
Phenanthrene
Concen: 0.261 ng/ul
RT: 17.363 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

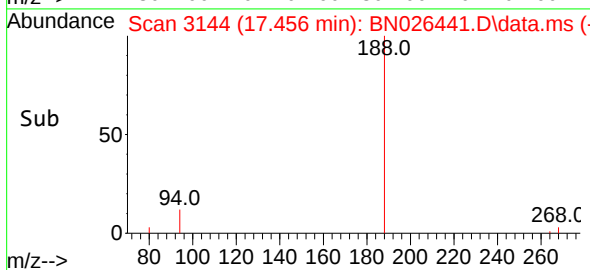
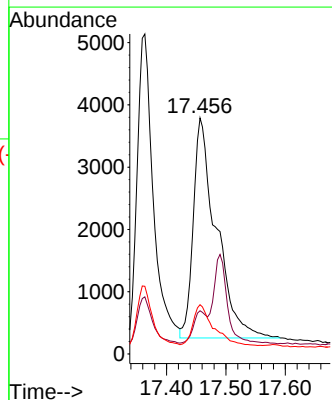
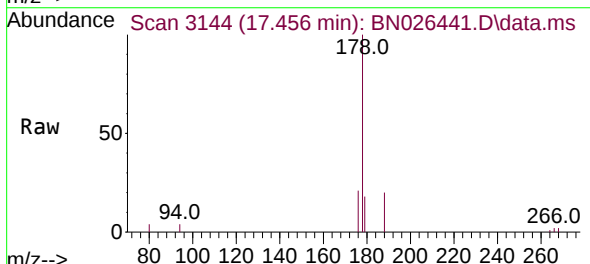
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ClientSampleId :

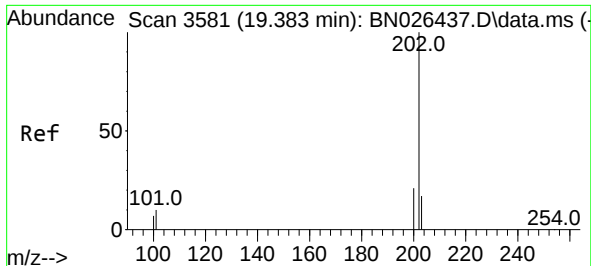
Tgt Ion:178 Resp: 9818
Ion Ratio Lower Upper
178 100
179 17.9 12.6 19.0
176 21.2 15.8 23.6



#16
Anthracene
Concen: 0.285 ng/ul
RT: 17.456 min Scan# 3144
Delta R.T. -0.009 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

Tgt Ion:178 Resp: 9528
Ion Ratio Lower Upper
178 100
179 18.3 12.6 18.8
176 20.9 15.1 22.7

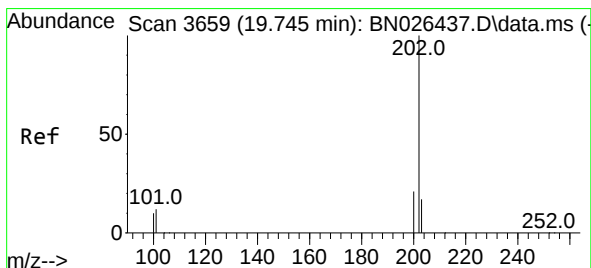
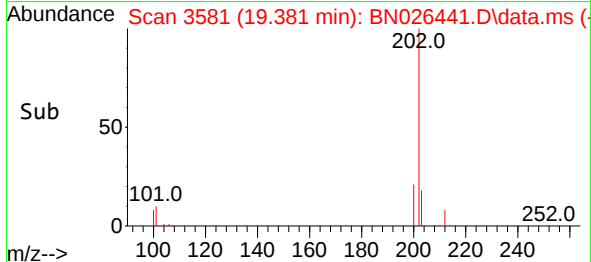
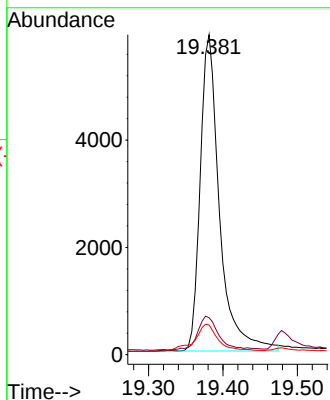
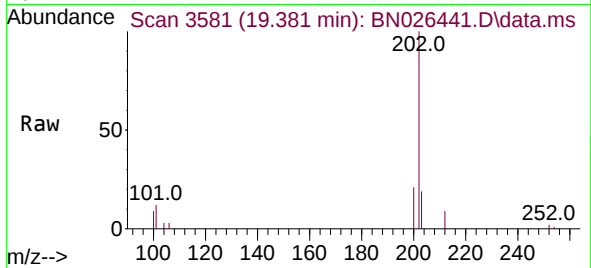




#19
Fluoranthene
Concen: 0.262 ng/ul
RT: 19.381 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

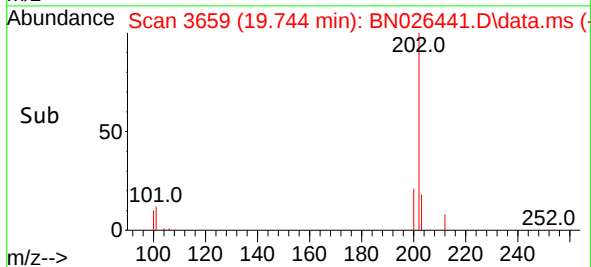
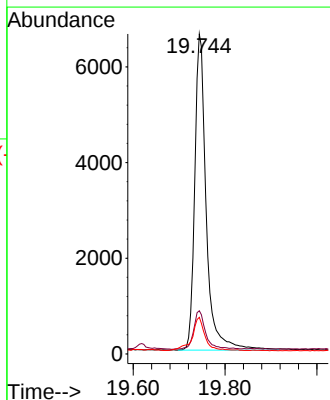
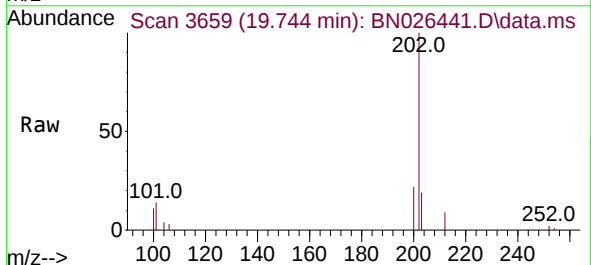
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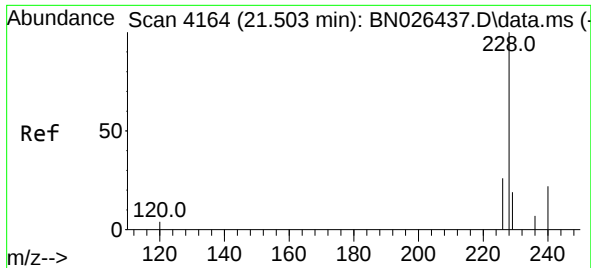
Tgt Ion:202 Resp: 10644
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 9.3 7.3 10.9



#20
Pyrene
Concen: 0.271 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

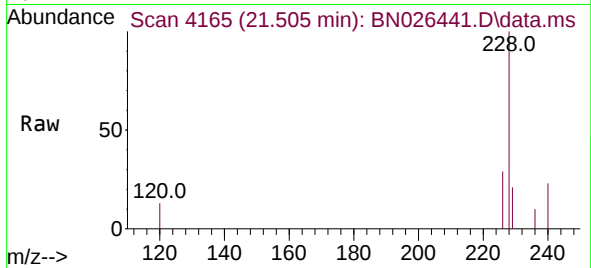
Tgt Ion:202 Resp: 11475
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 11.5 9.1 13.7



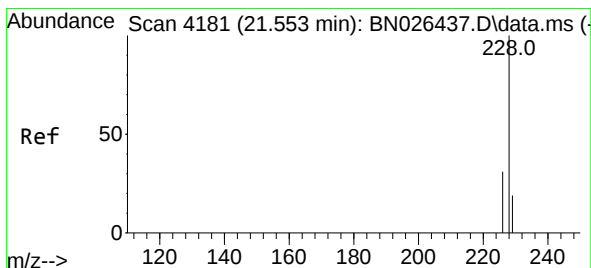
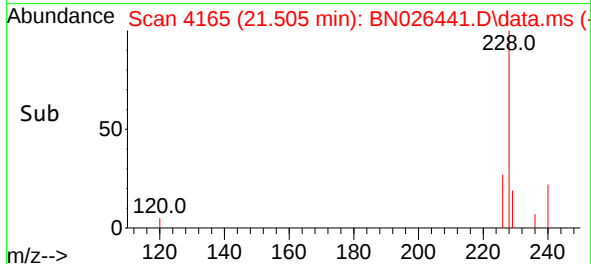
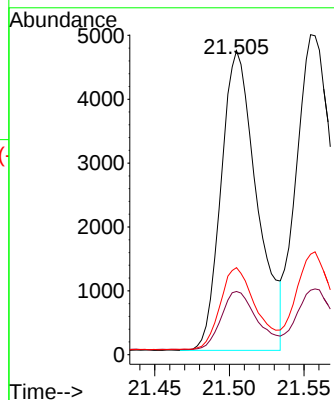


#21
Benzo(a)anthracene
Concen: 0.250 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. 0.005 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

Instrument :
BNA_N
ClientSampleId :

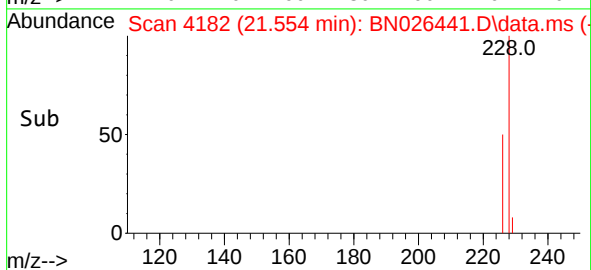
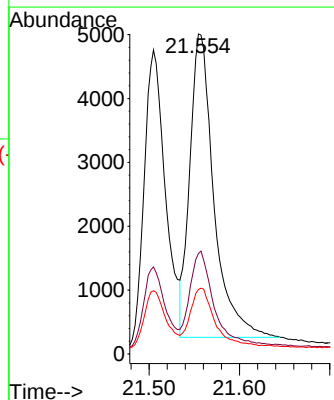
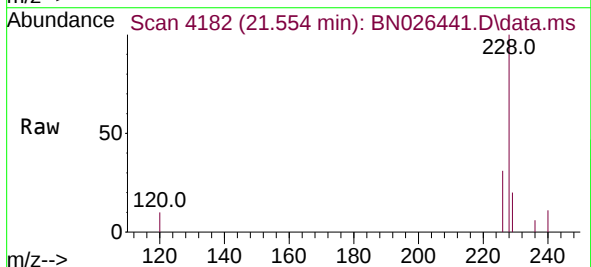


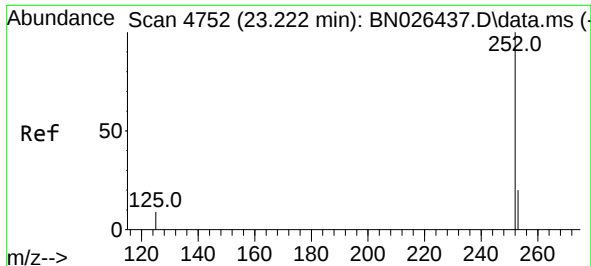
Tgt Ion:228 Resp: 7842
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 28.7 22.5 33.7



#22
Chrysene
Concen: 0.270 ng/ul
RT: 21.554 min Scan# 4182
Delta R.T. 0.002 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

Tgt Ion:228 Resp: 8810
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 20.1 15.7 23.5

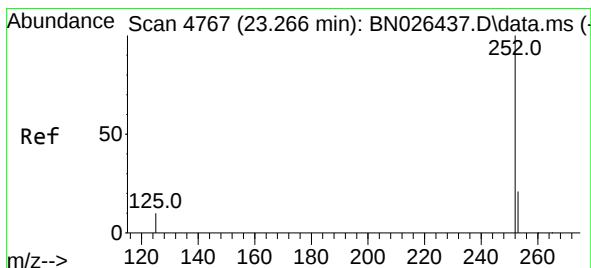
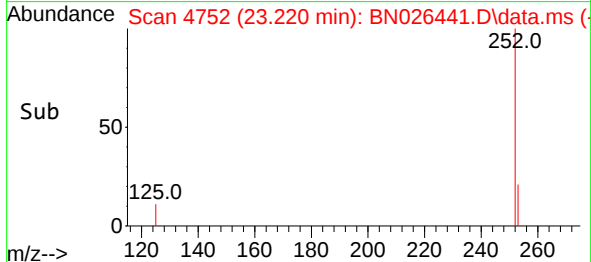
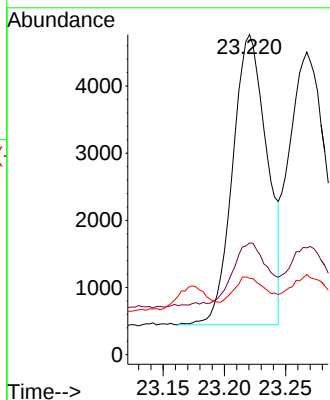
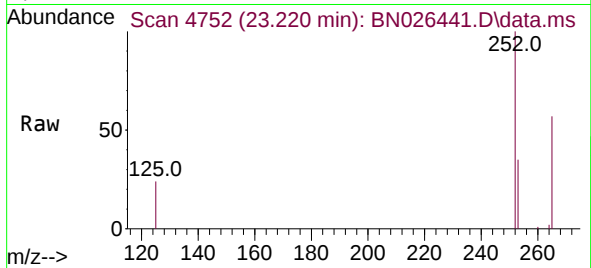




#24
Benzo(b)fluoranthene
Concen: 0.266 ng/ul
RT: 23.220 min Scan# 4752
Delta R.T. 0.002 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

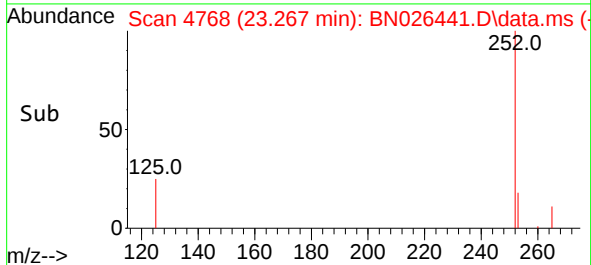
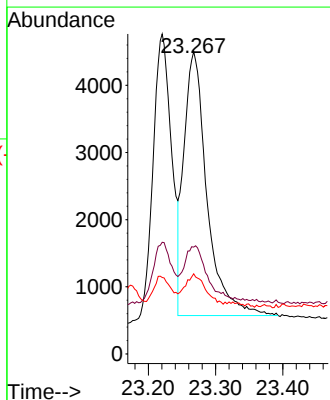
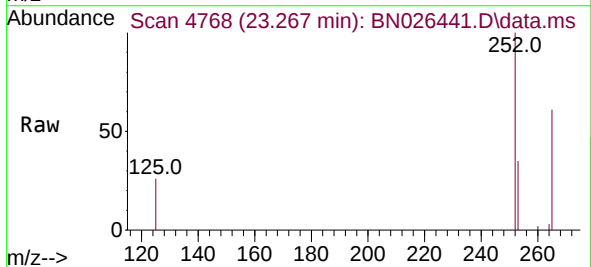
Instrument :
BNA_N
ClientSampleId :

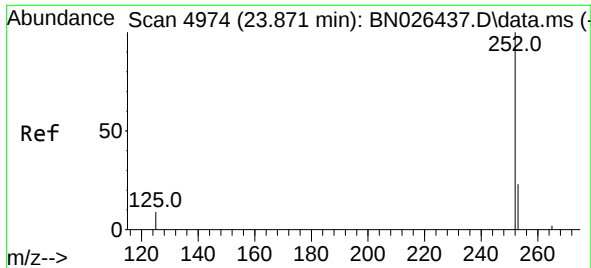
Tgt Ion:252 Resp: 8453
Ion Ratio Lower Upper
252 100
253 34.9 0.0 55.6
125 23.9 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.293 ng/ul
RT: 23.267 min Scan# 4768
Delta R.T. 0.005 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

Tgt Ion:252 Resp: 9367
Ion Ratio Lower Upper
252 100
253 35.3 23.2 34.8#
125 26.5 15.0 22.4#

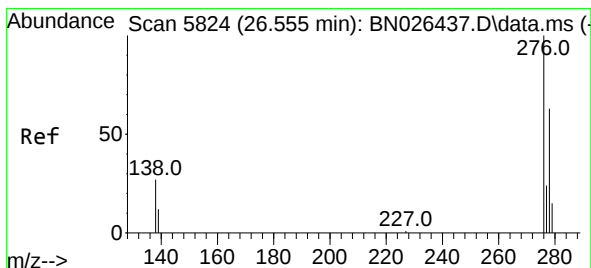
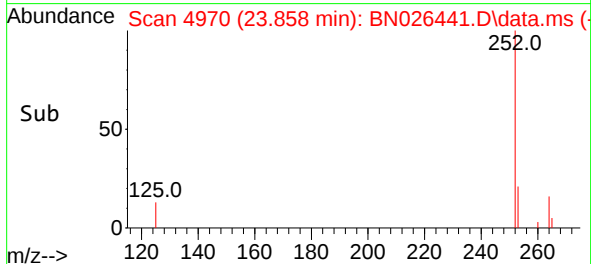
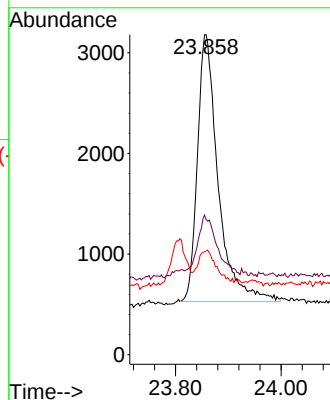
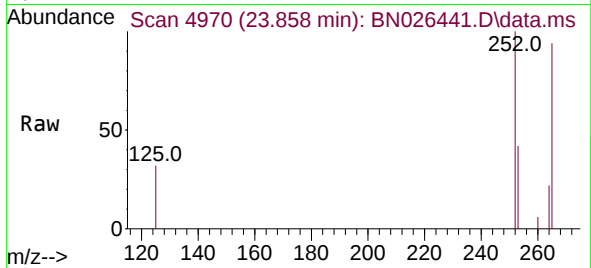




#26
Benzo(a)pyrene
Concen: 0.261 ng/ul
RT: 23.858 min Scan# 4970
Delta R.T. -0.012 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

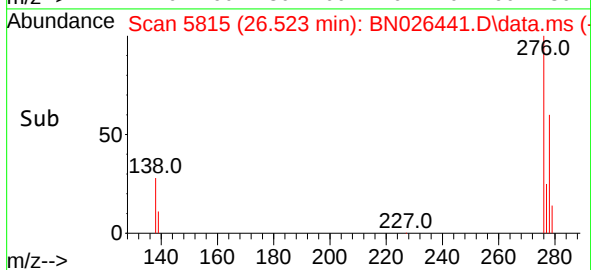
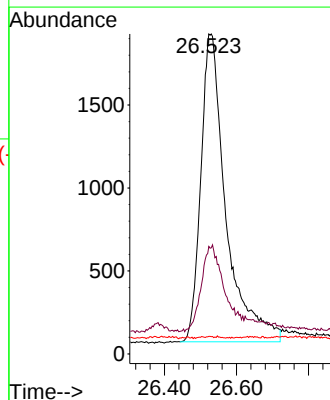
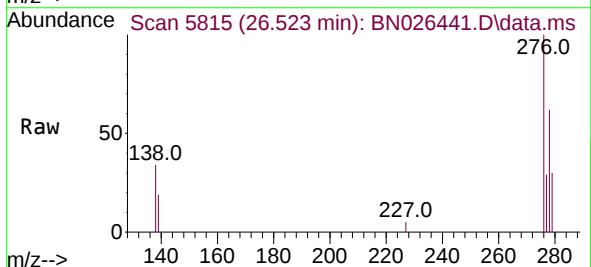
Instrument :
BNA_N
ClientSampleId :

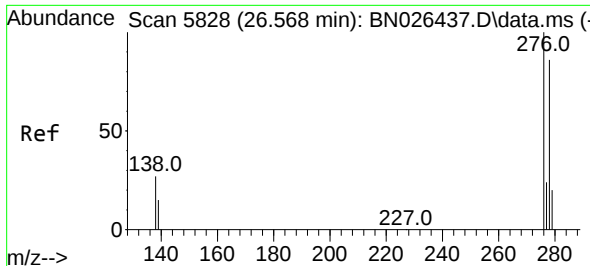
Tgt Ion:252 Resp: 7222
Ion Ratio Lower Upper
252 100
253 42.2 26.0 39.0#
125 32.4 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 26.523 min Scan# 5815
Delta R.T. -0.017 min
Lab File: BN026441.D
Acq: 10 Jul 2023 11:04

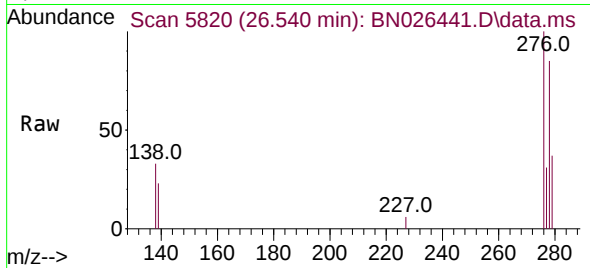
Tgt Ion:276 Resp: 8977
Ion Ratio Lower Upper
276 100
138 29.0 24.5 36.7
227 0.1 0.0 0.0#



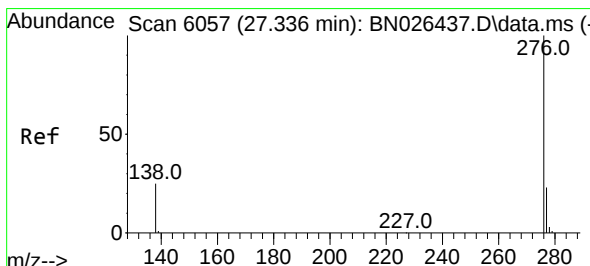
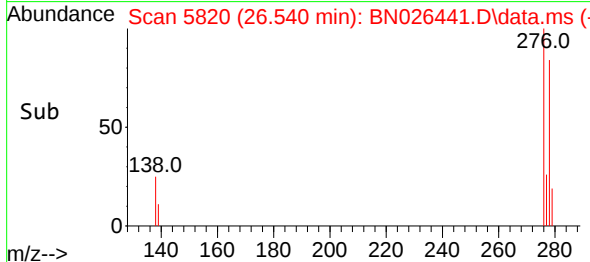
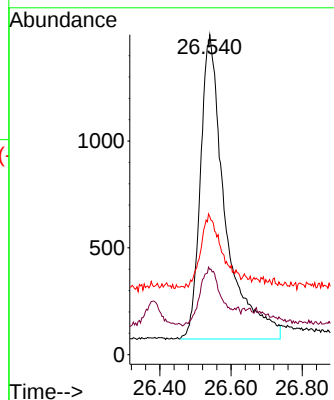


#28
 Dibenzo(a,h)anthracene
 Concen: 0.302 ng/ul
 RT: 26.540 min Scan# 51
 Delta R.T. -0.021 min
 Lab File: BN026441.D
 Acq: 10 Jul 2023 11:04

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 6890
 Ion Ratio Lower Upper
 278 100
 139 26.6 19.0 28.4
 279 43.1 26.7 40.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.308 ng/ul
 RT: 27.308 min Scan# 6049
 Delta R.T. -0.028 min
 Lab File: BN026441.D
 Acq: 10 Jul 2023 11:04

Tgt Ion:276 Resp: 8266
 Ion Ratio Lower Upper
 276 100
 138 30.5 23.4 35.0
 277 28.3 20.0 30.0

