

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
 Data File : BN026811.D
 Acq On : 03 Aug 2023 18:19
 Operator : MA/JU
 Sample : 03805-02DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3H46DL

Quant Time: Aug 04 04:25:22 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 03:46:36 2023
 Response via : Initial Calibration

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

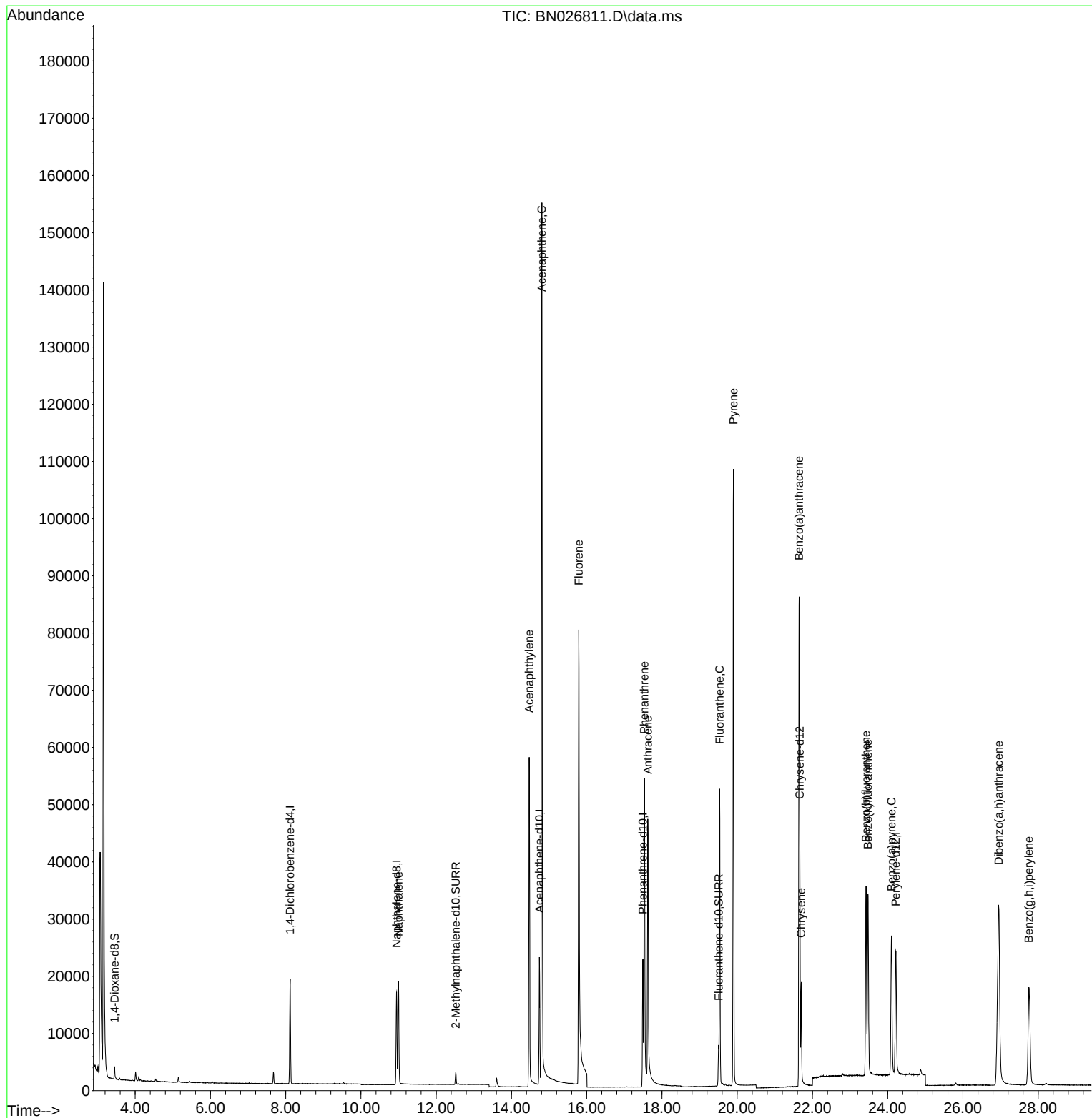
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	9122	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	23930	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	12649	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.494	188	30110	0.400	ng/ul	0.00
17) Chrysene-d12	21.665	240	29836	0.400	ng/ul	0.00
23) Perylene-d12	24.217	264	32942	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	1509	0.139	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	2868	0.081	ng/ul	0.00
18) Fluoranthene-d10	19.506	212	7852	0.083	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.999	128	25522	0.377	ng/ul	100
10) Acenaphthylene	14.472	152	71176	1.004	ng/ul	99
11) Acenaphthene	14.809	153	96296	1.963	ng/ul	99
12) Fluorene	15.790	166	69707	1.256	ng/ul	99
15) Phenanthrene	17.532	178	64851	0.656	ng/ul	99
16) Anthracene	17.624	178	57408	0.642	ng/ul	100
19) Fluoranthene	19.534	202	43228	0.349	ng/ul	98
20) Pyrene	19.901	202	92377	0.699	ng/ul	97
21) Benzo(a)anthracene	21.644	228	80375	0.677	ng/ul	99
22) Chrysene	21.703	228	17284	0.148	ng/ul	99
24) Benzo(b)fluoranthene	23.424	252	47376	0.380	ng/ul	99
25) Benzo(k)fluoranthene	23.474	252	46751	0.380	ng/ul	99
26) Benzo(a)pyrene	24.100	252	41669	0.371	ng/ul	98
28) Dibenzo(a,h)anthracene	26.955	278	55622	0.474	ng/ul	99
29) Benzo(g,h,i)perylene	27.753	276	42726	0.349	ng/ul	100

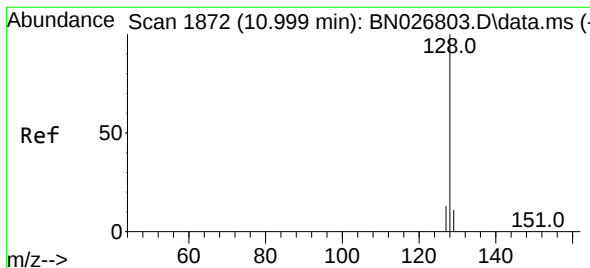
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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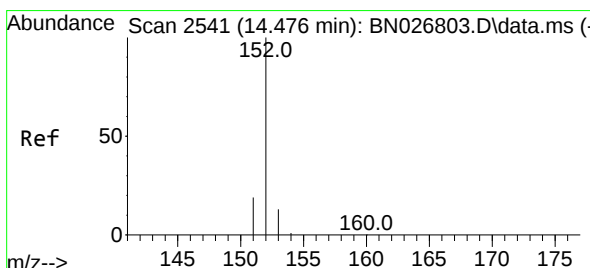
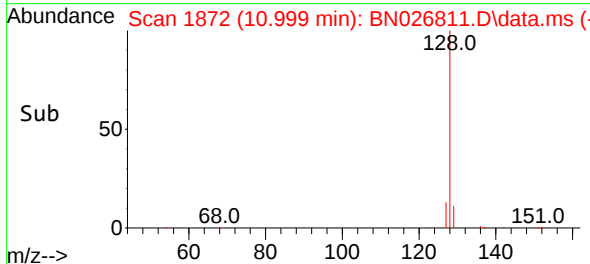
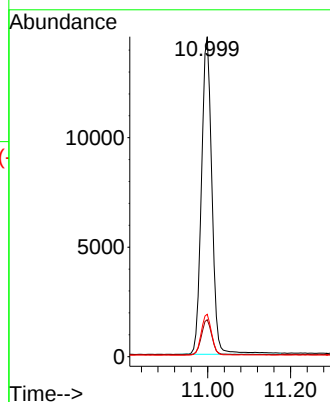
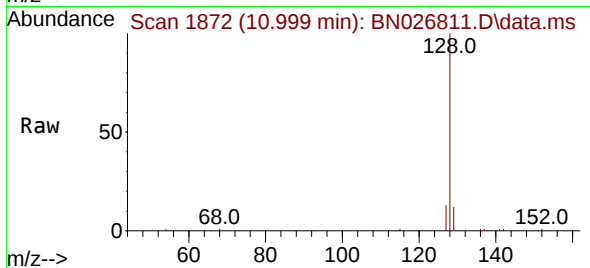




#5
Naphthalene
Concen: 0.377 ng/ul
RT: 10.999 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

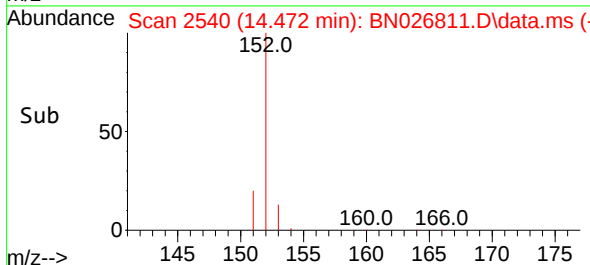
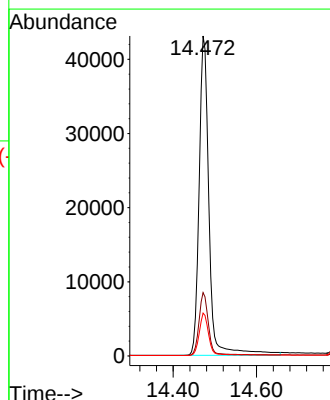
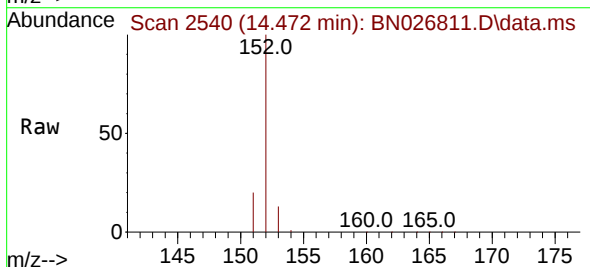
Instrument :
BNA_N
ClientSampleId :
X3H46DL

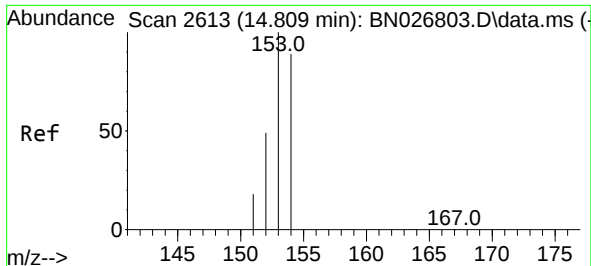
Tgt Ion:128 Resp: 25522
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.5 15.7



#10
Acenaphthylene
Concen: 1.004 ng/ul
RT: 14.472 min Scan# 2540
Delta R.T. -0.005 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

Tgt Ion:152 Resp: 71176
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.4 11.0 16.6

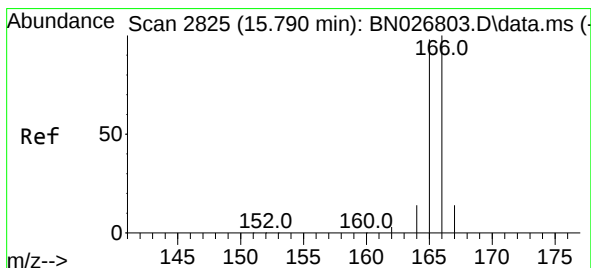
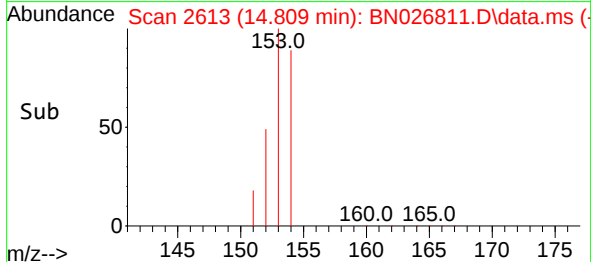
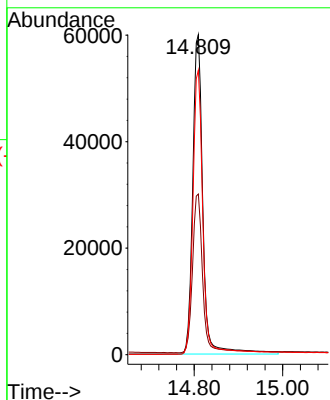
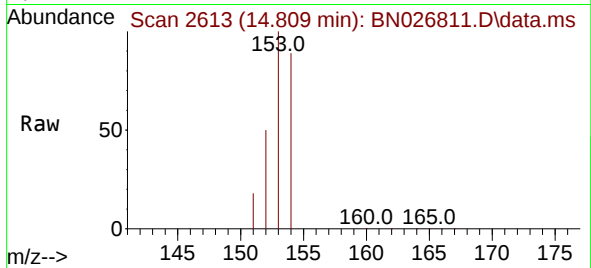




#11
Acenaphthene
Concen: 1.963 ng/ul
RT: 14.809 min Scan# 2613
Delta R.T. -0.000 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

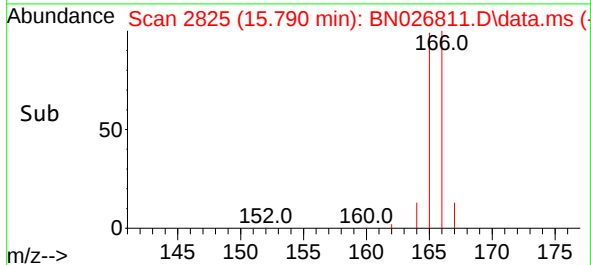
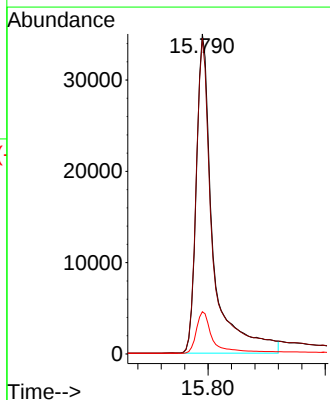
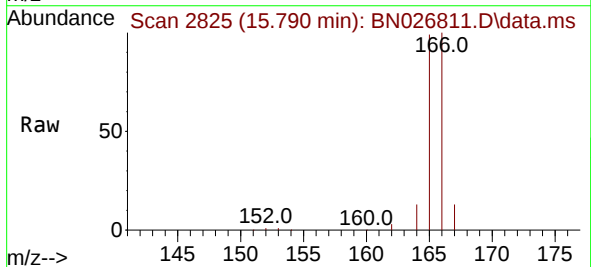
Instrument :
BNA_N
ClientSampleId :
X3H46DL

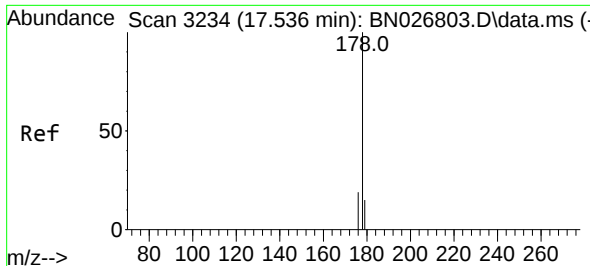
Tgt Ion:153 Resp: 96296
Ion Ratio Lower Upper
153 100
152 50.2 41.1 61.7
154 88.9 71.6 107.4



#12
Fluorene
Concen: 1.256 ng/ul
RT: 15.790 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

Tgt Ion:166 Resp: 69707
Ion Ratio Lower Upper
166 100
165 98.6 79.1 118.7
167 13.2 11.4 17.0

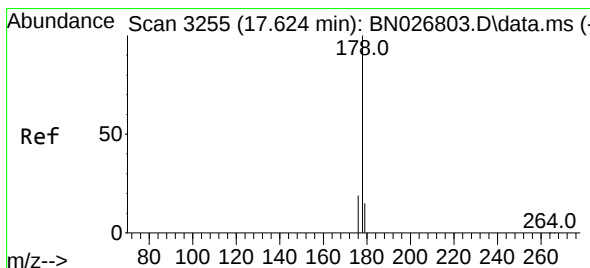
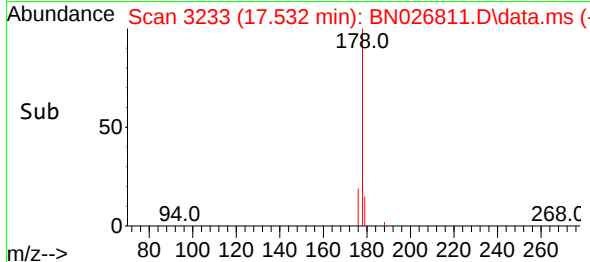
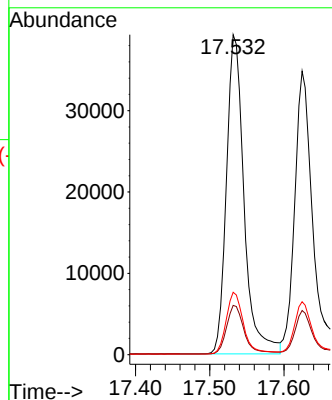
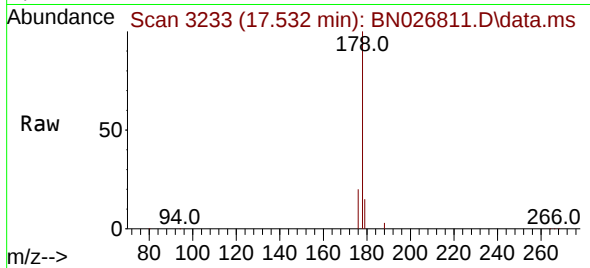




#15
Phenanthrene
Concen: 0.656 ng/u1
RT: 17.532 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

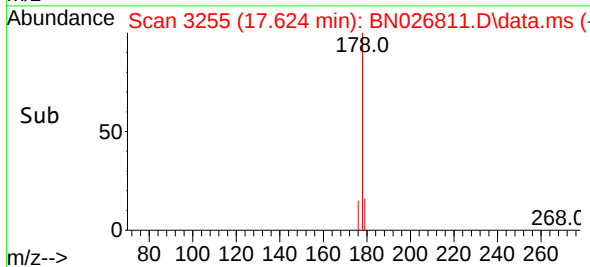
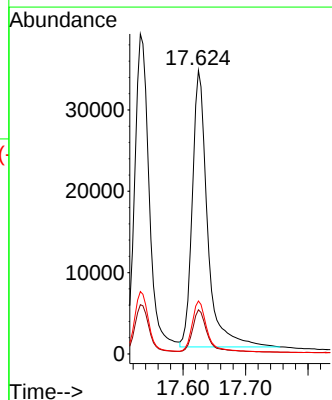
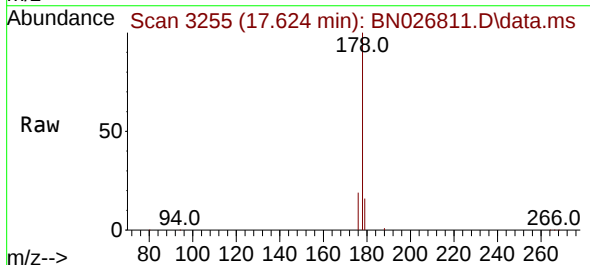
Instrument :
BNA_N
ClientSampleId :
X3H46DL

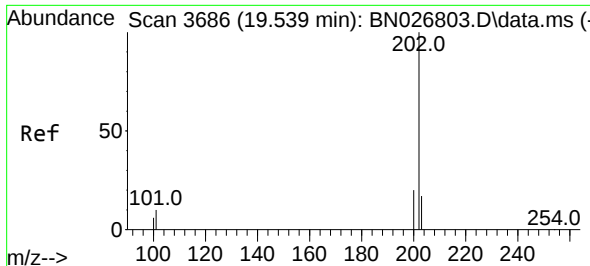
Tgt Ion:178 Resp: 64851
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.642 ng/u1
RT: 17.624 min Scan# 3255
Delta R.T. -0.000 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

Tgt Ion:178 Resp: 57408
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.7 15.0 22.6

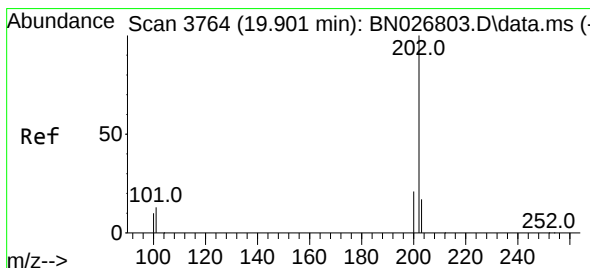
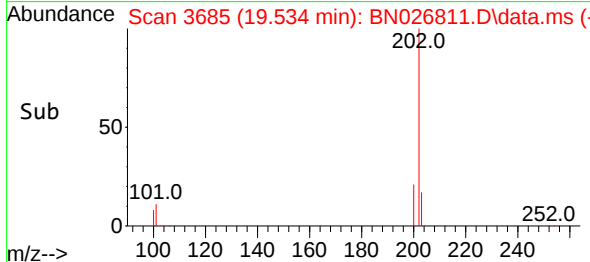
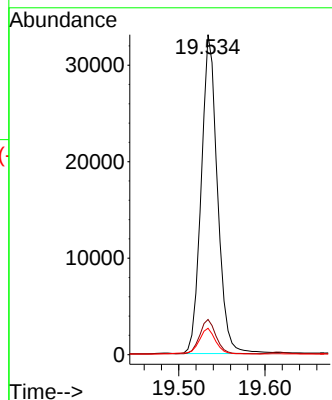
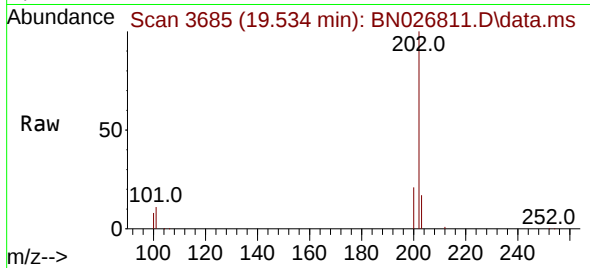




#19
Fluoranthene
Concen: 0.349 ng/ul
RT: 19.534 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

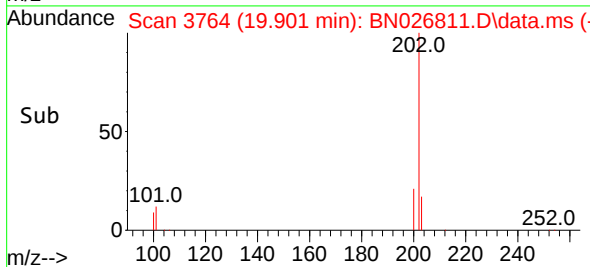
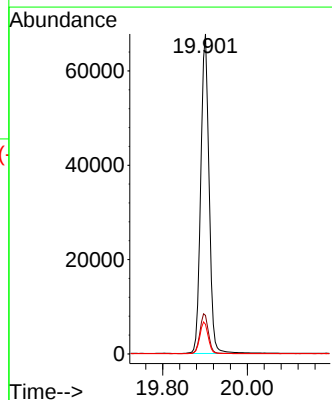
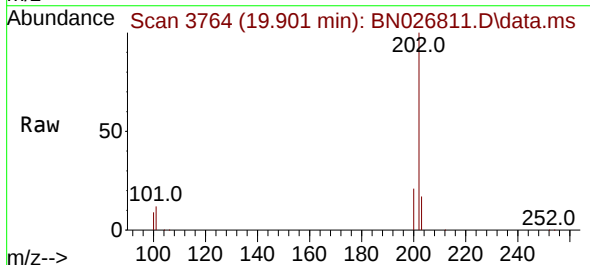
Instrument :
BNA_N
ClientSampleId :
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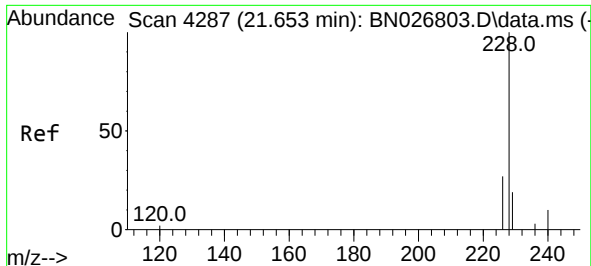
Tgt Ion:202 Resp: 43228
Ion Ratio Lower Upper
202 100
101 11.0 8.3 12.5
100 8.3 6.2 9.2



#20
Pyrene
Concen: 0.699 ng/ul
RT: 19.901 min Scan# 3764
Delta R.T. -0.000 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

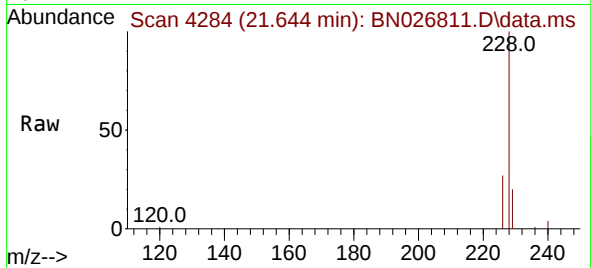
Tgt Ion:202 Resp: 92377
Ion Ratio Lower Upper
202 100
101 12.1 10.7 16.1
100 9.3 8.5 12.7



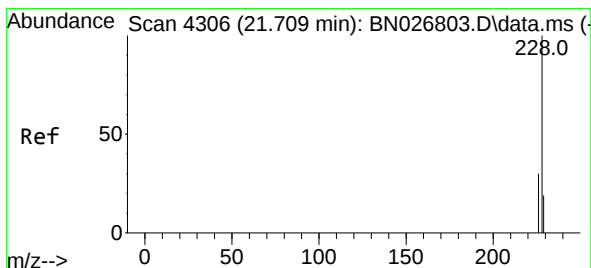
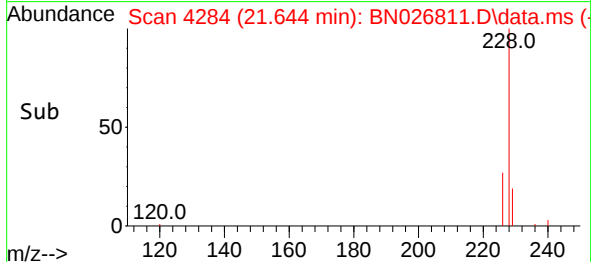
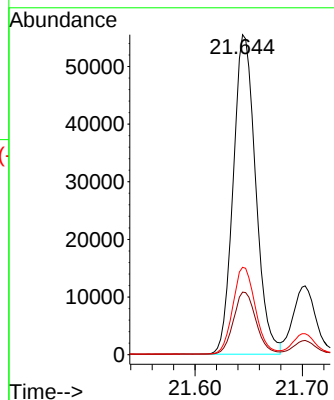


#21
Benzo(a)anthracene
Concen: 0.677 ng/ul
RT: 21.644 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

Instrument :
BNA_N
ClientSampleId :
X3H46DL

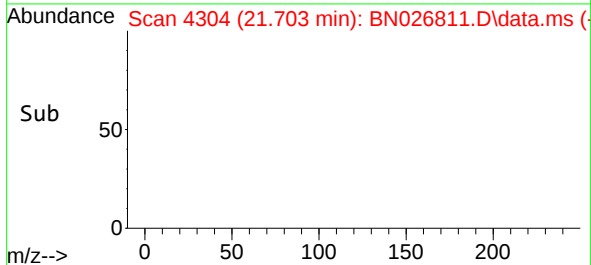
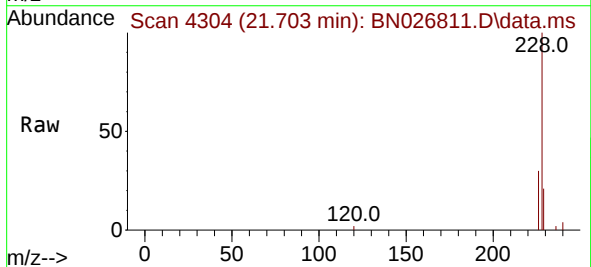
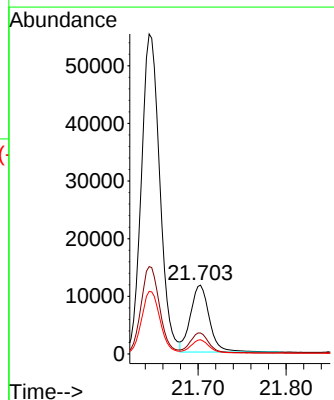


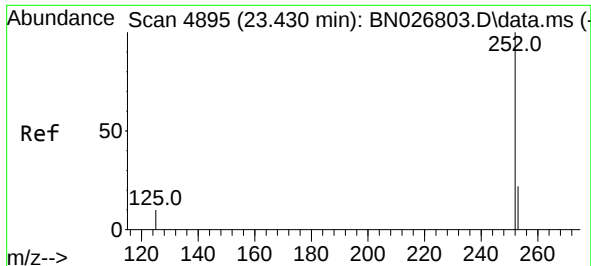
Tgt Ion:228 Resp: 80375
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 27.3 22.2 33.2



#22
Chrysene
Concen: 0.148 ng/ul
RT: 21.703 min Scan# 4304
Delta R.T. -0.006 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

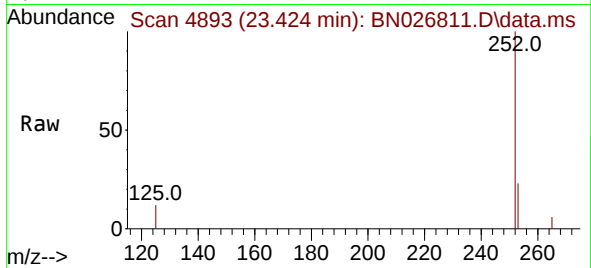
Tgt Ion:228 Resp: 17284
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 20.6 15.8 23.6



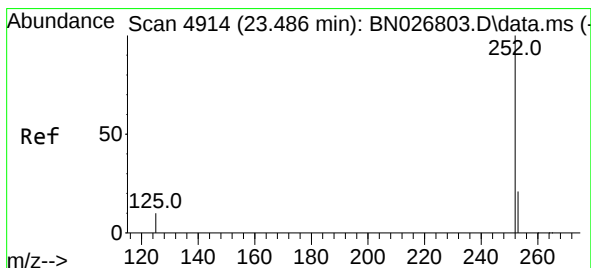
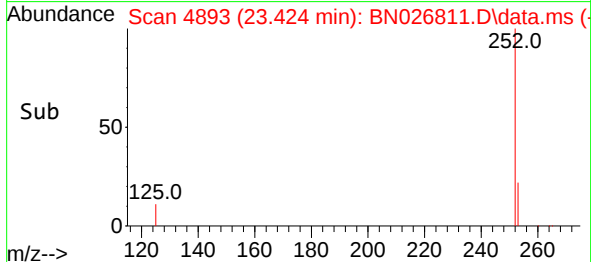
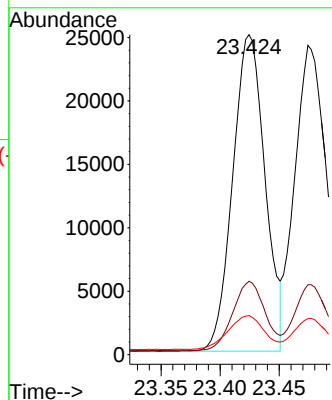


#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.424 min Scan# 4893
Delta R.T. -0.006 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

Instrument :
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ClientSampleId :
X3H46DL

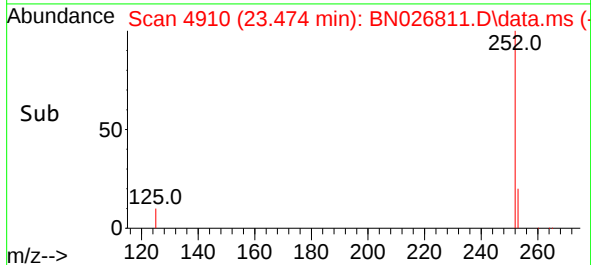
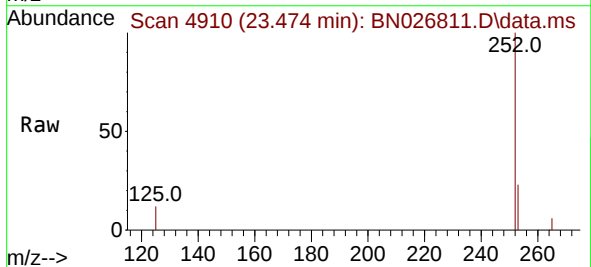
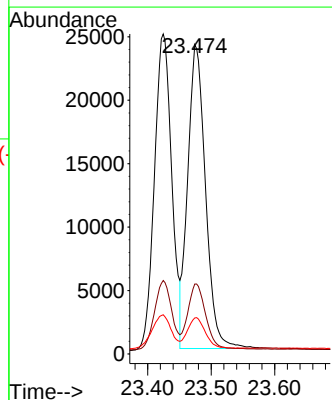


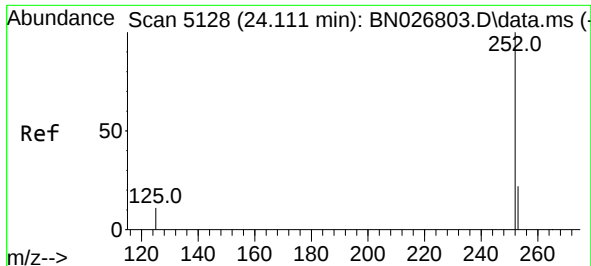
Tgt Ion:252 Resp: 47376
Ion Ratio Lower Upper
252 100
253 22.9 0.0 46.8
125 12.2 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.380 ng/ul
RT: 23.474 min Scan# 4910
Delta R.T. -0.012 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

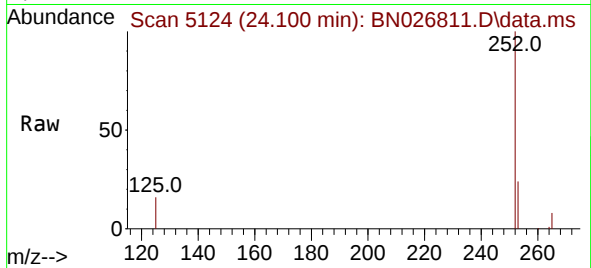
Tgt Ion:252 Resp: 46751
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 11.6 9.9 14.9





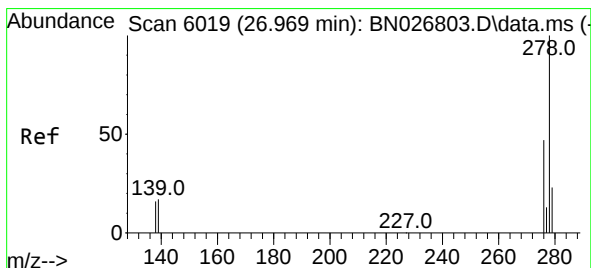
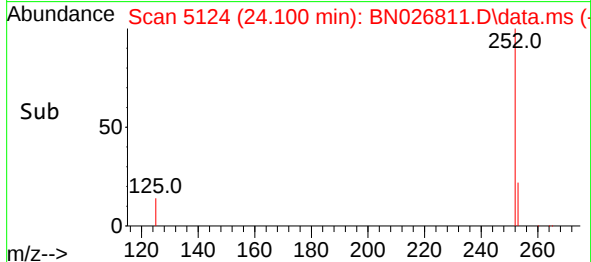
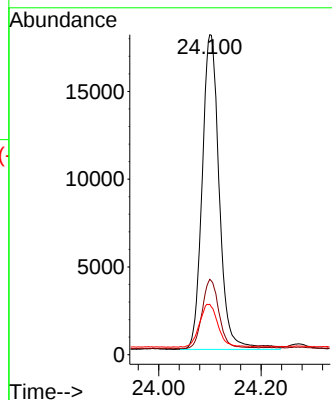
#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 24.100 min Scan# 5128
Delta R.T. -0.012 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

Instrument :
BNA_N
ClientSampleId :
X3H46DL



Tgt Ion:252 Resp: 41669

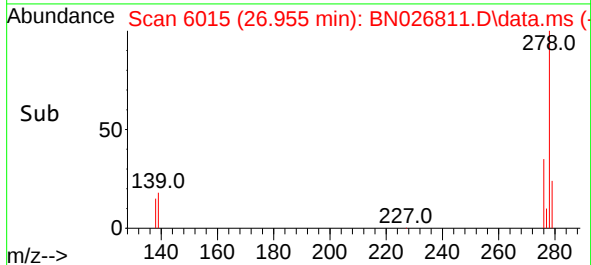
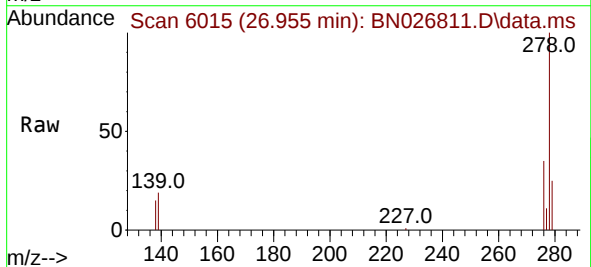
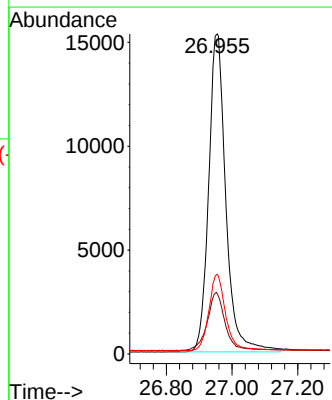
Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	15.8	11.4	17.0

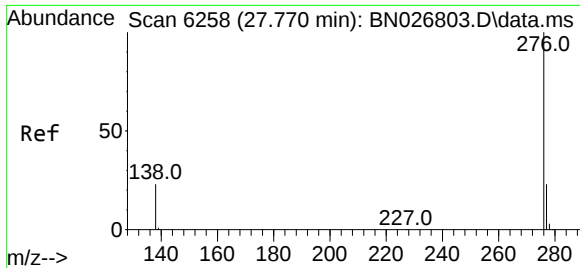


#28
Dibenzo(a,h)anthracene
Concen: 0.474 ng/ul
RT: 26.955 min Scan# 6015
Delta R.T. -0.013 min
Lab File: BN026811.D
Acq: 03 Aug 2023 18:19

Tgt Ion:278 Resp: 55622

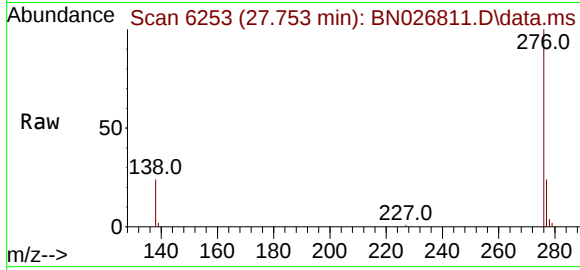
Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.7	23.5
279	24.9	20.2	30.4





#29
 Benzo(g,h,i)perylene
 Concen: 0.349 ng/ul
 RT: 27.753 min Scan# 61
 Delta R.T. -0.017 min
 Lab File: BN026811.D
 Acq: 03 Aug 2023 18:19

Instrument :
 BNA_N
 ClientSampleId :
 X3H46DL



Tgt Ion:	276	Resp:	42726
Ion Ratio	Lower	Upper	
276	100		
138	24.1	19.3	28.9
277	24.4	19.8	29.8

