

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
 Data File : BN026812.D
 Acq On : 03 Aug 2023 18:56
 Operator : MA/JU
 Sample : 03805-02DL2 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3H46DL2

Quant Time: Aug 04 04:25:31 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)

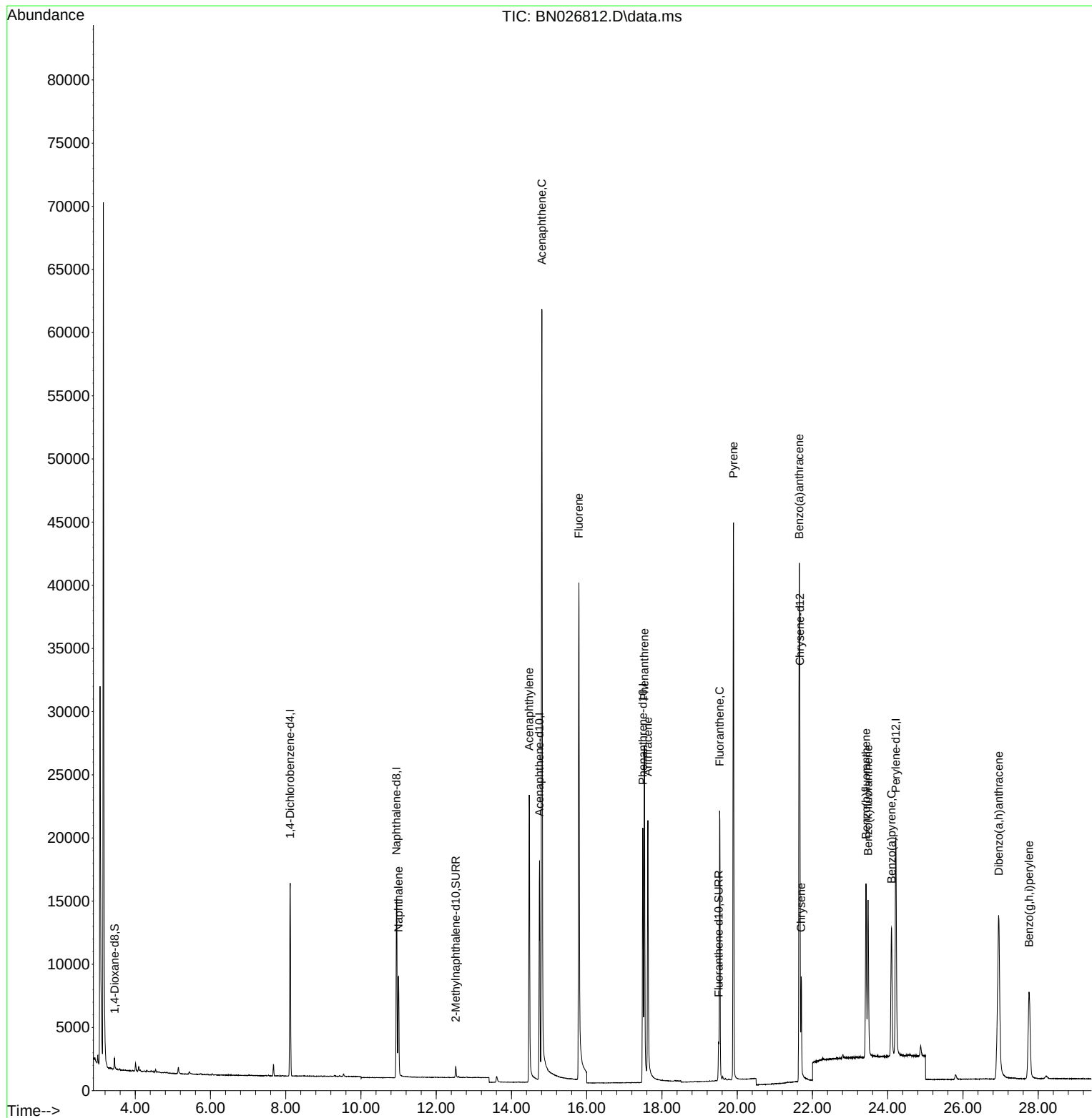
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	7718	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	20888	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	10516	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.493	188	26487	0.400	ng/ul	0.00
17) Chrysene-d12	21.664	240	24075	0.400	ng/ul	0.00
23) Perylene-d12	24.216	264	26744	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	698	0.076	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	1202	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.506	212	3423	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.999	128	11553	0.196	ng/ul	98
10) Acenaphthylene	14.472	152	30272	0.514	ng/ul	99
11) Acenaphthene	14.805	153	41799	1.025	ng/ul	98
12) Fluorene	15.790	166	32071	0.695	ng/ul	99
15) Phenanthrene	17.531	178	29505	0.339	ng/ul	100
16) Anthracene	17.624	178	24785	0.315	ng/ul	100
19) Fluoranthene	19.534	202	18861	0.189	ng/ul	97
20) Pyrene	19.901	202	39838	0.373	ng/ul	98
21) Benzo(a)anthracene	21.647	228	33746	0.352	ng/ul	99
22) Chrysene	21.702	228	7546	0.080	ng/ul	97
24) Benzo(b)fluoranthene	23.421	252	20029	0.198	ng/ul	96
25) Benzo(k)fluoranthene	23.477	252	19577	0.196	ng/ul	96
26) Benzo(a)pyrene	24.099	252	17521	0.192	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.954	278	22824	0.240	ng/ul	99
29) Benzo(g,h,i)perylene	27.756	276	17741	0.178	ng/ul	97

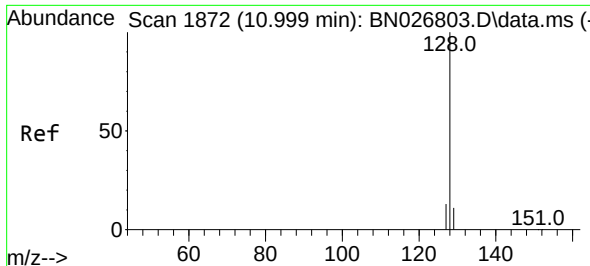
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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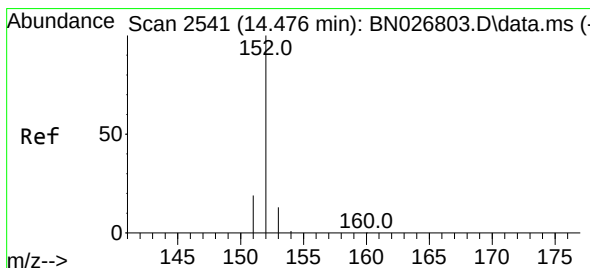
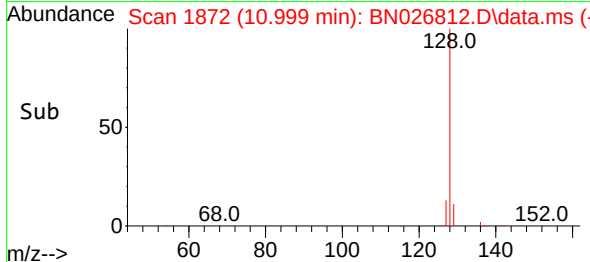
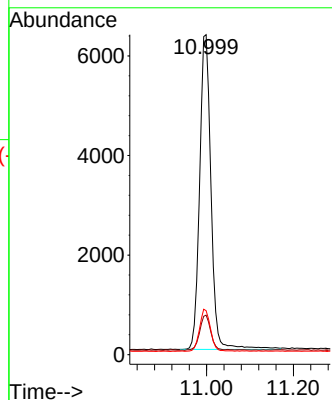
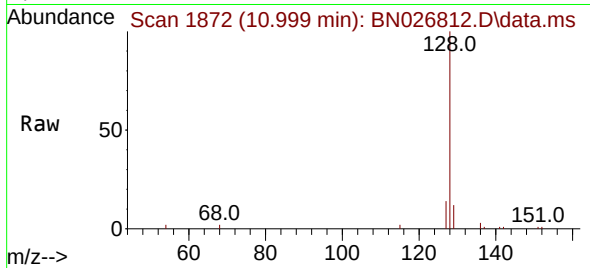




#5
Naphthalene
Concen: 0.196 ng/ul
RT: 10.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026812.D
Acq: 03 Aug 2023 18:56

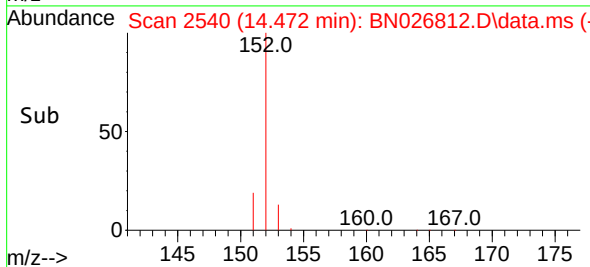
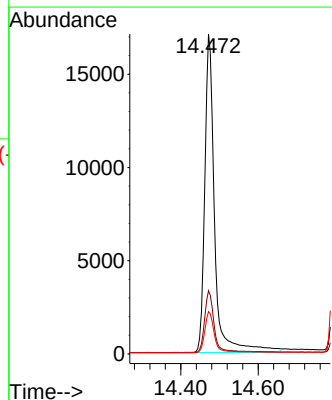
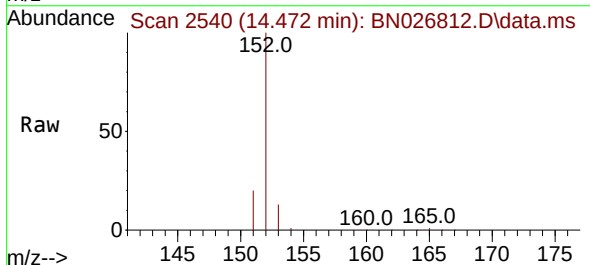
Instrument :
BNA_N
ClientSampleId :
X3H46DL2

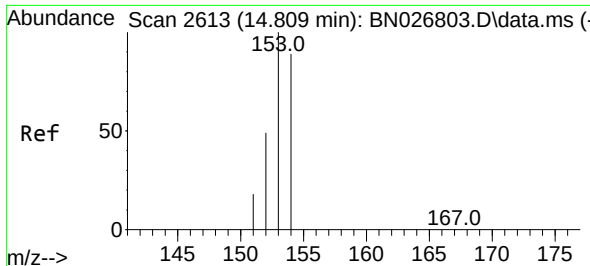
Tgt Ion:128 Resp: 11553
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 13.7 10.5 15.7



#10
Acenaphthylene
Concen: 0.514 ng/ul
RT: 14.472 min Scan# 2540
Delta R.T. -0.005 min
Lab File: BN026812.D
Acq: 03 Aug 2023 18:56

Tgt Ion:152 Resp: 30272
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 11.0 16.6

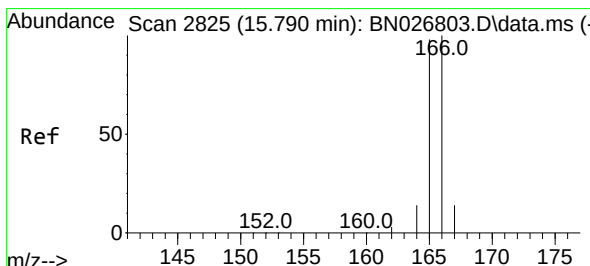
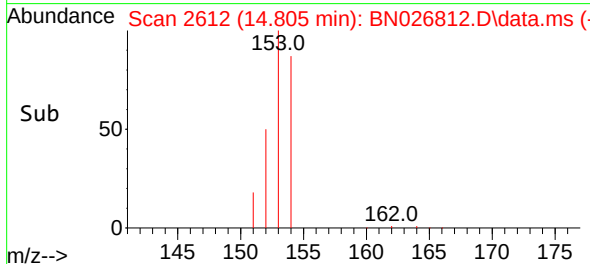
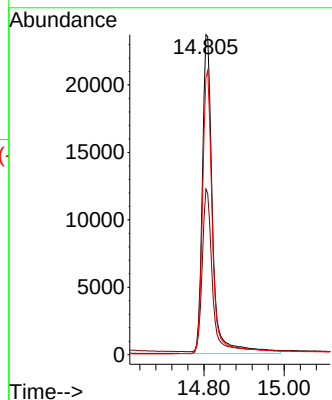
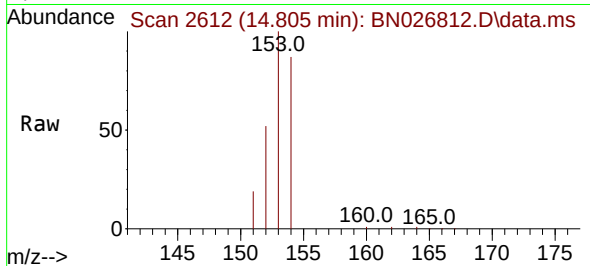




#11
Acenaphthene
Concen: 1.025 ng/ul
RT: 14.805 min Scan# 2612
Delta R.T. -0.005 min
Lab File: BN026812.D
Acq: 03 Aug 2023 18:56

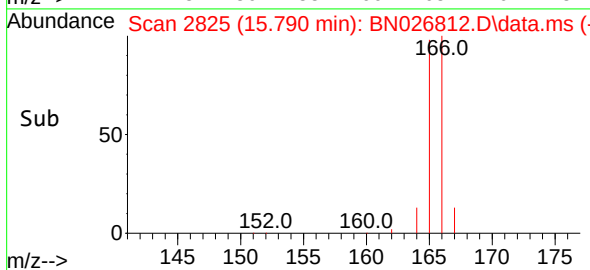
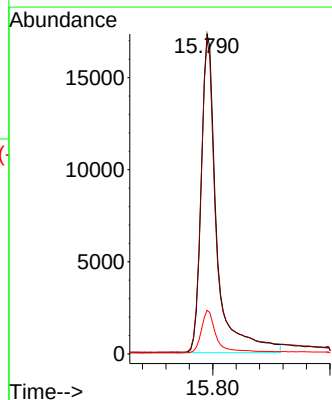
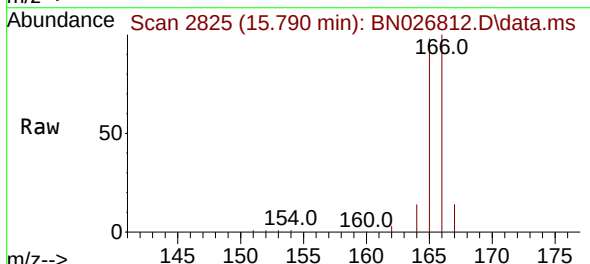
Instrument :
BNA_N
ClientSampleId :
X3H46DL2

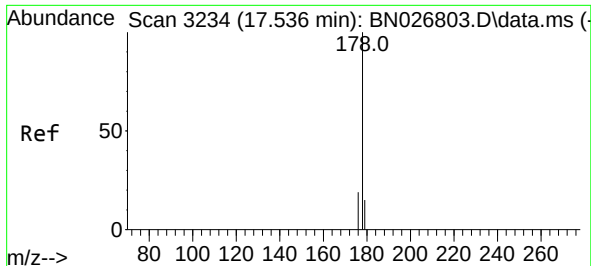
Tgt Ion:153 Resp: 41799
Ion Ratio Lower Upper
153 100
152 51.7 41.1 61.7
154 86.7 71.6 107.4



#12
Fluorene
Concen: 0.695 ng/ul
RT: 15.790 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BN026812.D
Acq: 03 Aug 2023 18:56

Tgt Ion:166 Resp: 32071
Ion Ratio Lower Upper
166 100
165 98.2 79.1 118.7
167 13.7 11.4 17.0

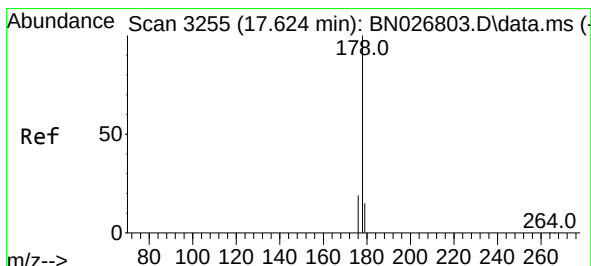
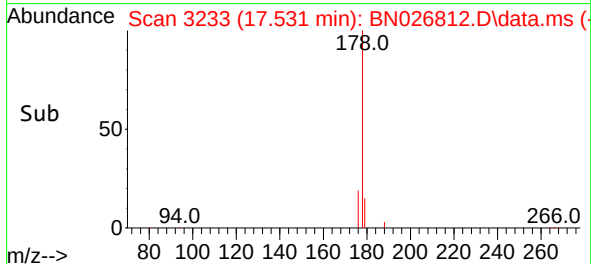
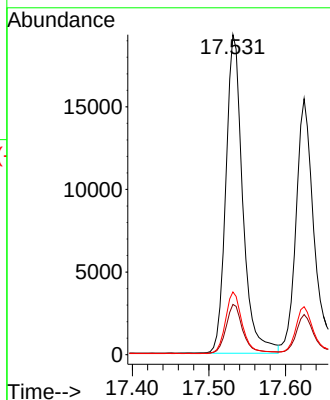
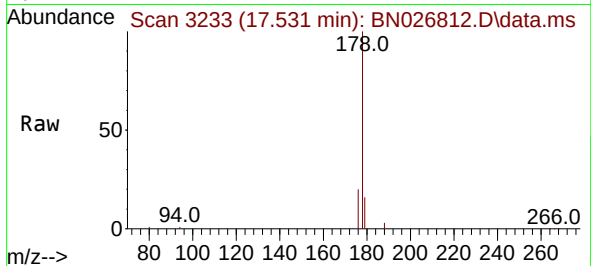




#15
Phenanthrene
Concen: 0.339 ng/u1
RT: 17.531 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026812.D
Acq: 03 Aug 2023 18:56

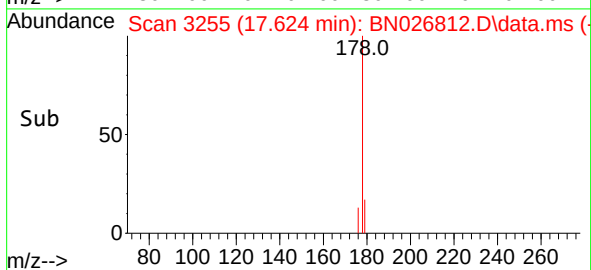
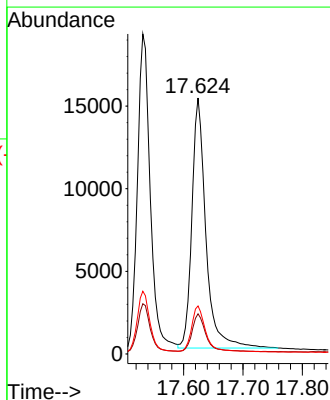
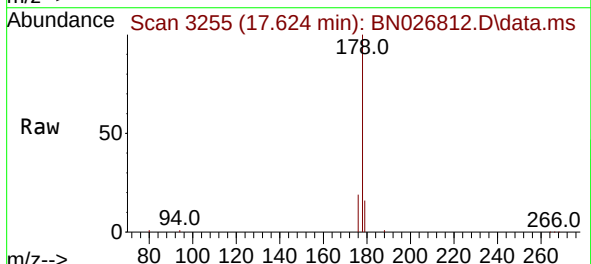
Instrument :
BNA_N
ClientSampleId :
X3H46DL2

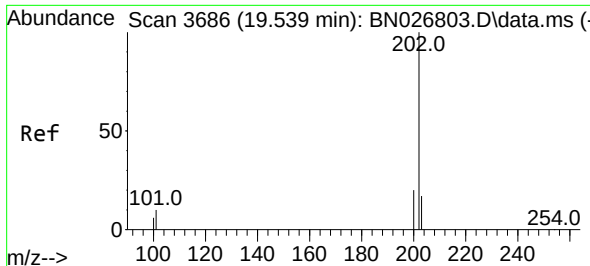
Tgt Ion:178 Resp: 29505
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.315 ng/u1
RT: 17.624 min Scan# 3255
Delta R.T. -0.000 min
Lab File: BN026812.D
Acq: 03 Aug 2023 18:56

Tgt Ion:178 Resp: 24785
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.7 15.0 22.6

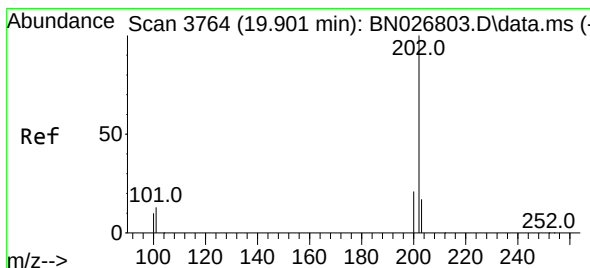
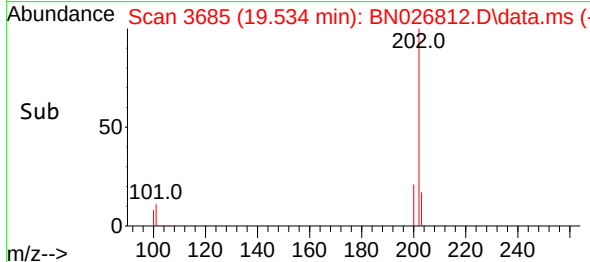
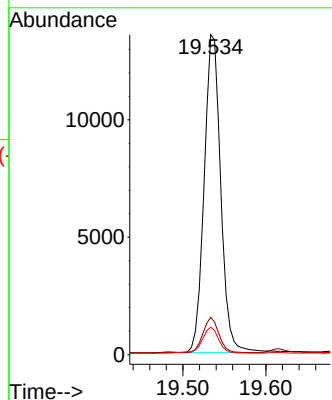
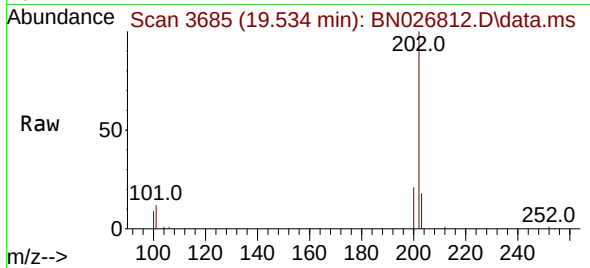




#19
Fluoranthene
Concen: 0.189 ng/u1
RT: 19.534 min Scan# 3685
Delta R.T. -0.005 min
Lab File: BN026812.D
Acq: 03 Aug 2023 18:56

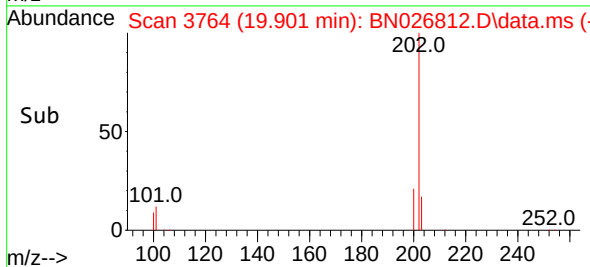
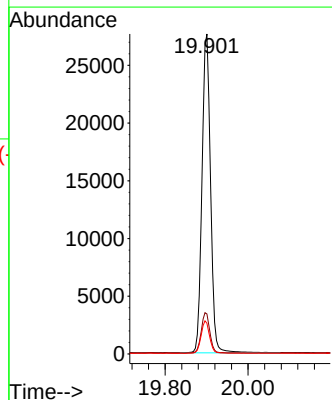
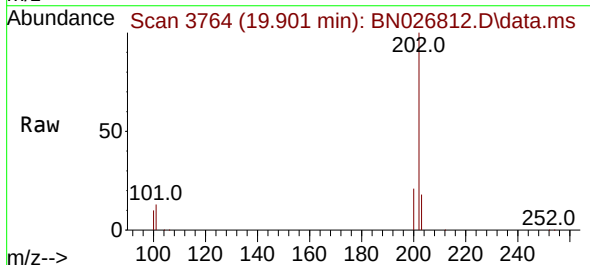
Instrument :
BNA_N
ClientSampleId :
X3H46DL2

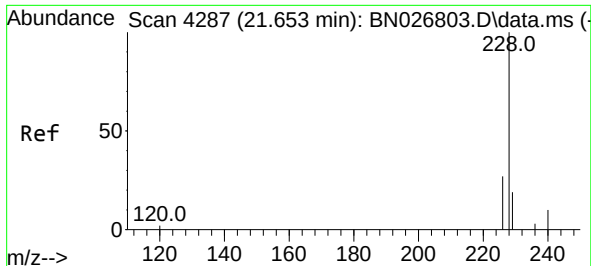
Tgt Ion:202 Resp: 18861
Ion Ratio Lower Upper
202 100
101 11.7 8.3 12.5
100 8.6 6.2 9.2



#20
Pyrene
Concen: 0.373 ng/u1
RT: 19.901 min Scan# 3764
Delta R.T. -0.000 min
Lab File: BN026812.D
Acq: 03 Aug 2023 18:56

Tgt Ion:202 Resp: 39838
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 9.6 8.5 12.7

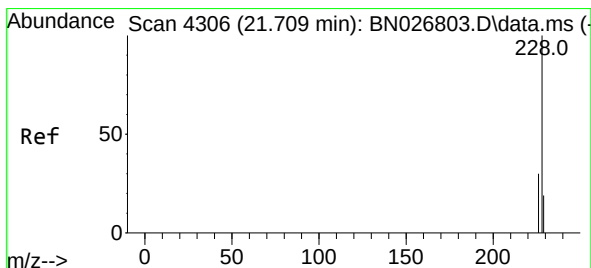
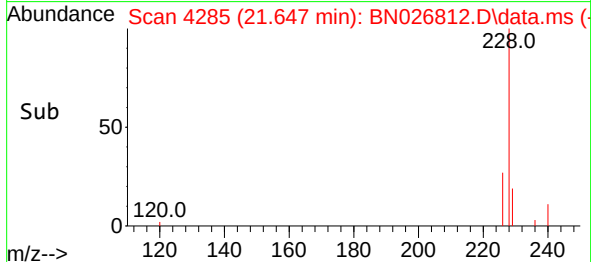
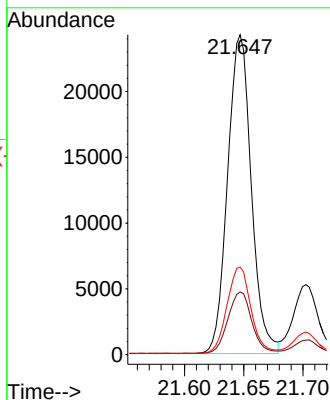
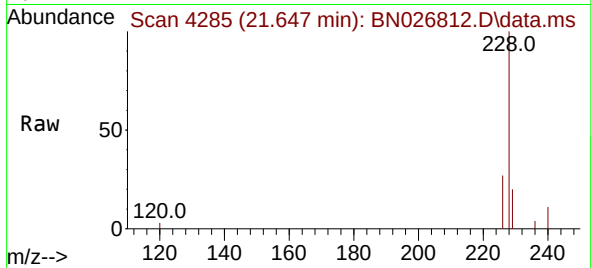




#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.647 min Scan# 4304
Delta R.T. -0.006 min
Lab File: BN026812.D
Acq: 03 Aug 2023 18:56

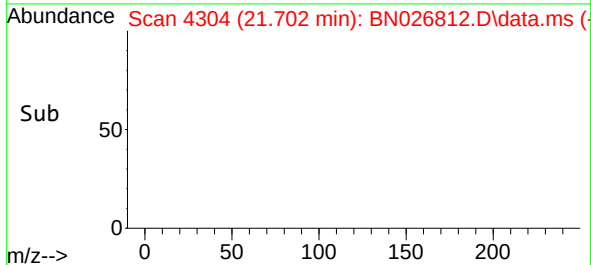
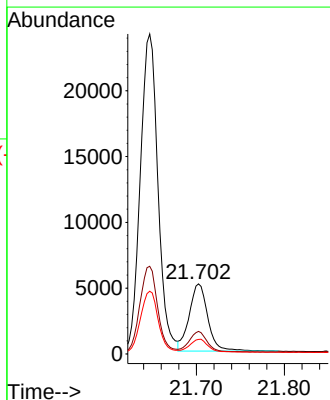
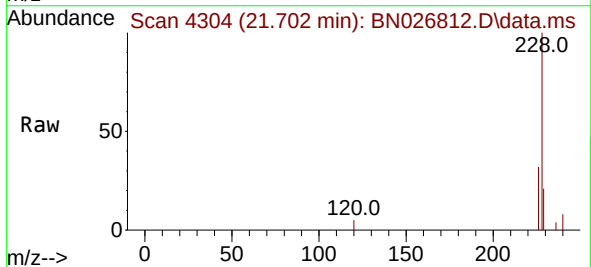
Instrument :
BNA_N
ClientSampleId :
X3H46DL2

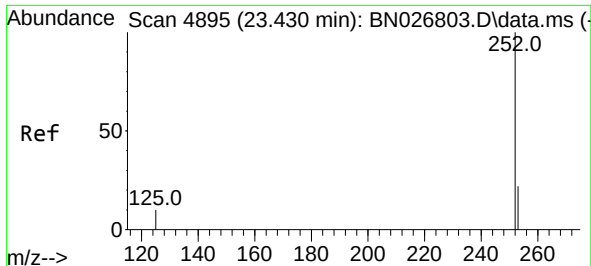
Tgt Ion:228 Resp: 33746
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.080 ng/ul
RT: 21.702 min Scan# 4304
Delta R.T. -0.006 min
Lab File: BN026812.D
Acq: 03 Aug 2023 18:56

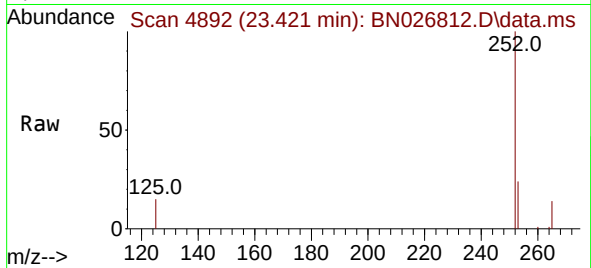
Tgt Ion:228 Resp: 7546
Ion Ratio Lower Upper
228 100
226 32.2 24.6 36.8
229 20.8 15.8 23.6



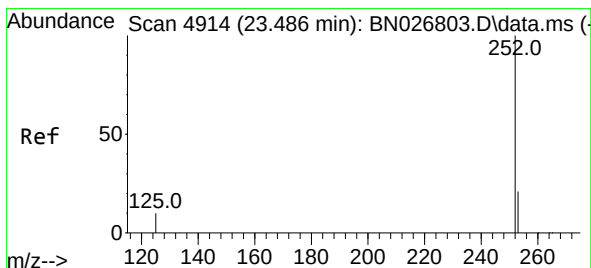
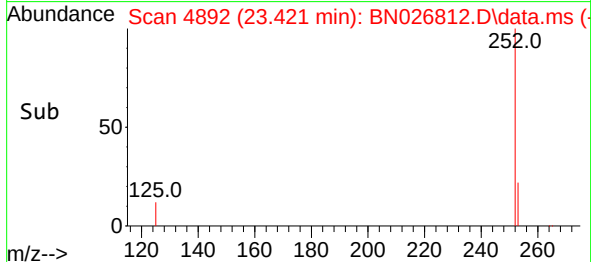
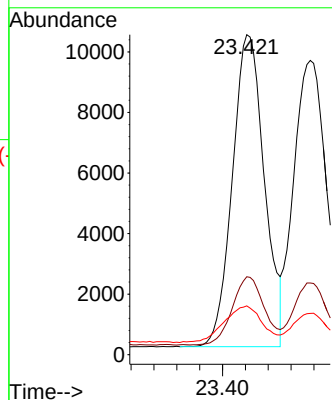


#24
Benzo(b)fluoranthene
Concen: 0.198 ng/ul
RT: 23.421 min Scan# 4892
Delta R.T. -0.009 min
Lab File: BN026812.D
Acq: 03 Aug 2023 18:56

Instrument :
BNA_N
ClientSampleId :
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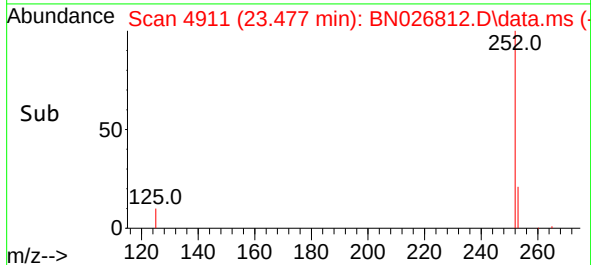
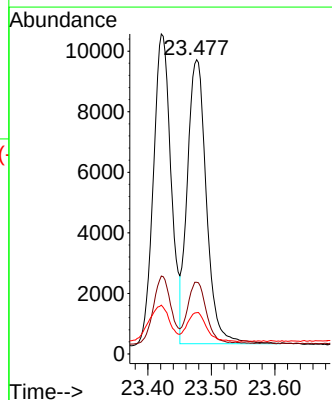
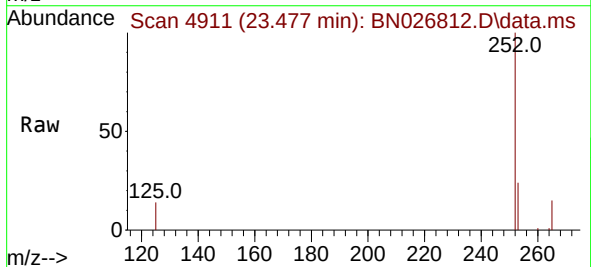


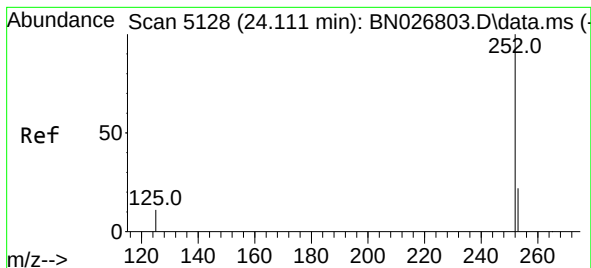
Tgt Ion:252 Resp: 20029
Ion Ratio Lower Upper
252 100
253 24.3 0.0 46.8
125 15.3 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.196 ng/ul
RT: 23.477 min Scan# 4911
Delta R.T. -0.009 min
Lab File: BN026812.D
Acq: 03 Aug 2023 18:56

Tgt Ion:252 Resp: 19577
Ion Ratio Lower Upper
252 100
253 24.4 18.2 27.4
125 14.0 9.9 14.9





#26

Benzo(a)pyrene

Concen: 0.192 ng/ul

RT: 24.099 min Scan# 5128

Delta R.T. -0.012 min

Lab File: BN026812.D

Acq: 03 Aug 2023 18:56

Instrument :

BNA_N

ClientSampleId :

X3H46DL2

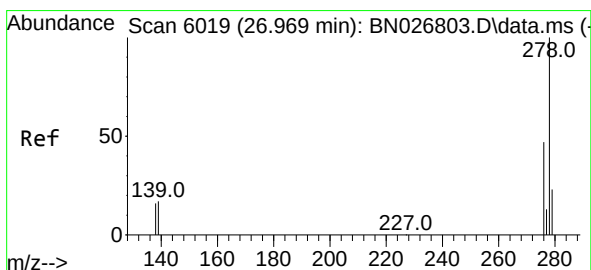
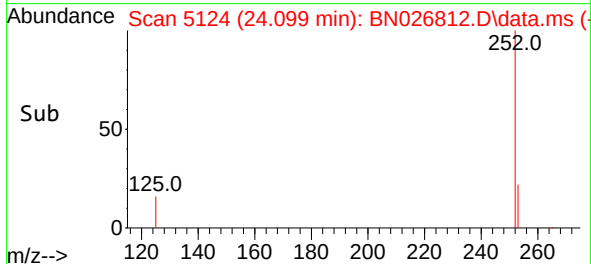
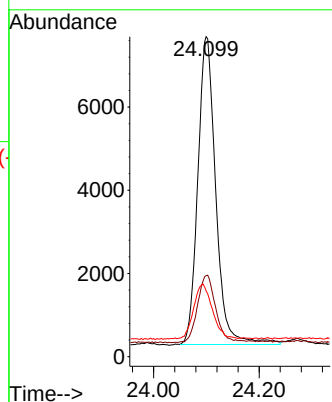
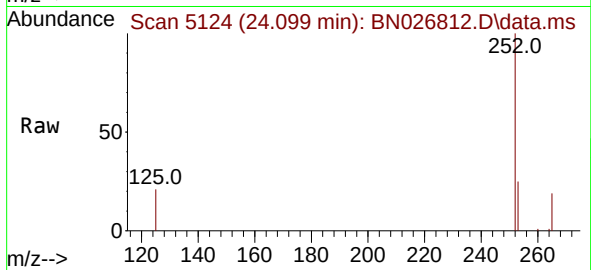
Tgt Ion:252 Resp: 17521

Ion Ratio Lower Upper

252 100

253 25.3 19.0 28.6

125 20.5 11.4 17.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.240 ng/ul

RT: 26.954 min Scan# 6015

Delta R.T. -0.014 min

Lab File: BN026812.D

Acq: 03 Aug 2023 18:56

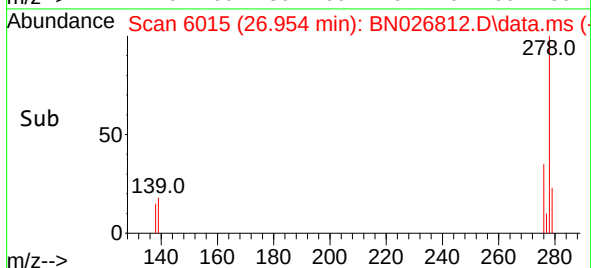
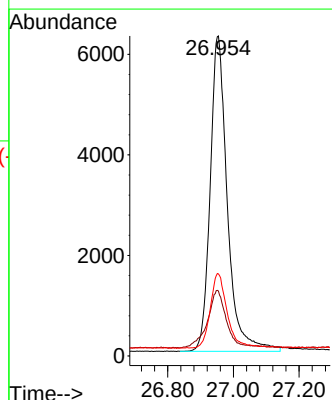
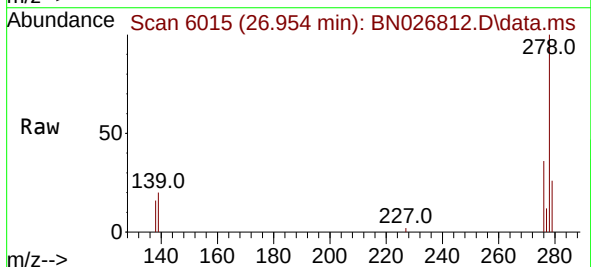
Tgt Ion:278 Resp: 22824

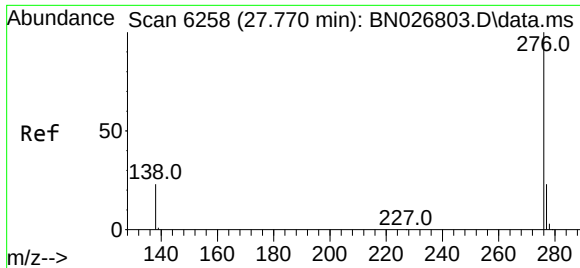
Ion Ratio Lower Upper

278 100

139 20.3 15.7 23.5

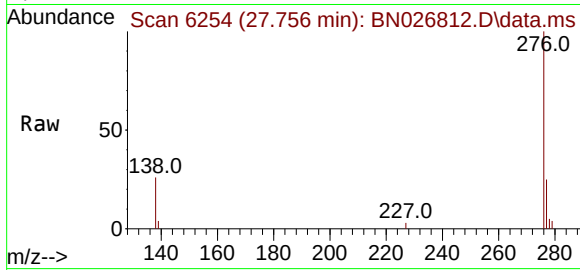
279 25.7 20.2 30.4





#29
 Benzo(g,h,i)perylene
 Concen: 0.178 ng/ul
 RT: 27.756 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN026812.D
 Acq: 03 Aug 2023 18:56

Instrument :
 BNA_N
 ClientSampleId :
 X3H46DL2



Tgt Ion:	276	Resp:	17741
Ion	Ratio	Lower	Upper
276	100		
138	26.0	19.3	28.9
277	25.4	19.8	29.8

