

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080423\
 Data File : BN026818.D
 Acq On : 04 Aug 2023 14:52
 Operator : MA/JU
 Sample : 03805-10DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3H69DL

Quant Time: Aug 04 22:30:53 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)

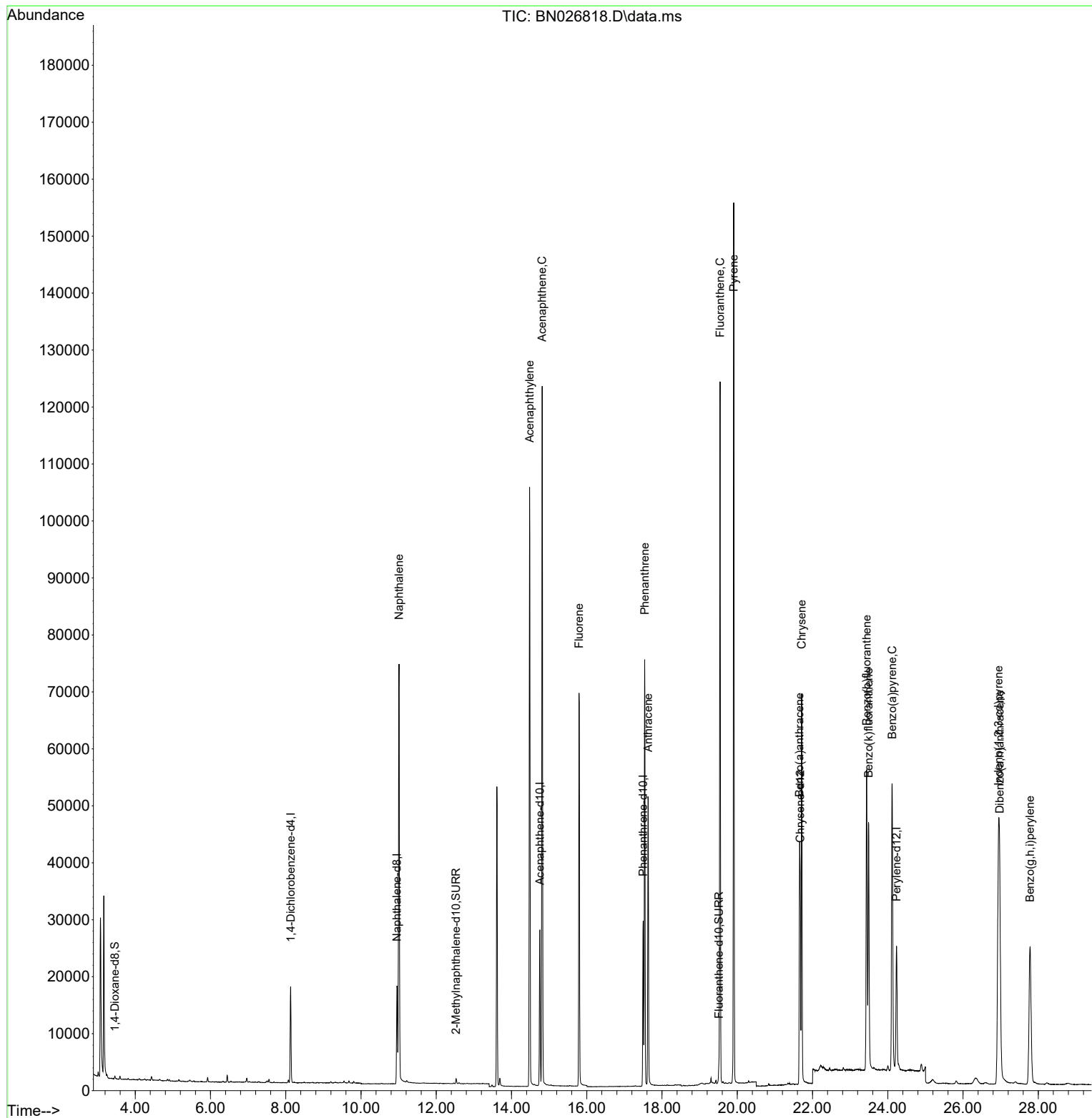
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.131	152	8596	0.400	ng/ul	0.01
4) Naphthalene-d8	10.955	136	25463	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.754	164	15417	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	34534	0.400	ng/ul	0.00
17) Chrysene-d12	21.674	240	30065	0.400	ng/ul	0.00
23) Perylene-d12	24.231	264	32420	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.460	96	447	0.044	ng/ul	0.02
6) 2-Methylnaphthalene-d10	12.528	152	1105	0.029	ng/ul	0.01
18) Fluoranthene-d10	19.511	212	3570	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	11.010	128	105775	1.470	ng/ul	99
10) Acenaphthylene	14.481	152	119132	1.379	ng/ul	99
11) Acenaphthene	14.814	153	70812	1.185	ng/ul	99
12) Fluorene	15.795	166	44523	0.658	ng/ul	99
15) Phenanthrene	17.540	178	78126	0.689	ng/ul	100
16) Anthracene	17.629	178	55650	0.543	ng/ul	99
19) Fluoranthene	19.543	202	106728	0.855	ng/ul	100
20) Pyrene	19.906	202	130492	0.979	ng/ul	98
21) Benzo(a)anthracene	21.656	228	35088	0.293	ng/ul	100
22) Chrysene	21.712	228	63143	0.535	ng/ul	99
24) Benzo(b)fluoranthene	23.439	252	74785	0.610	ng/ul	98
25) Benzo(k)fluoranthene	23.489	252	63169	0.522	ng/ul	98
26) Benzo(a)pyrene	24.114	252	85207	0.770	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.942	276	92782	0.641	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.975	278	59342	0.514	ng/ul	98
29) Benzo(g,h,i)perylene	27.780	276	62641	0.520	ng/ul	99

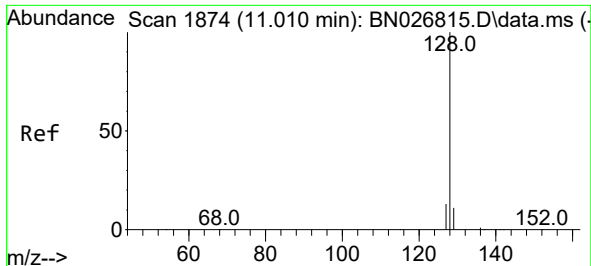
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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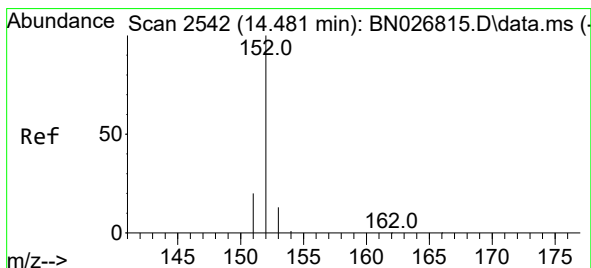
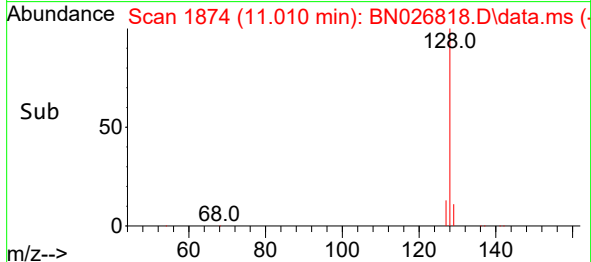
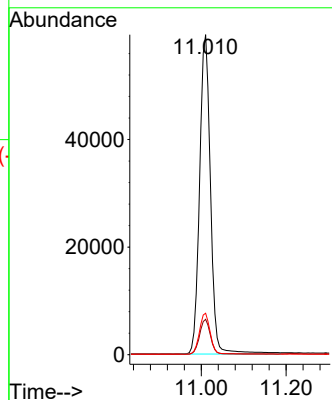
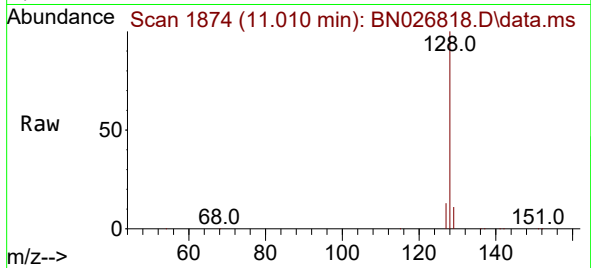




#5
Naphthalene
Concen: 1.470 ng/ul
RT: 11.010 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN026818.D
Acq: 04 Aug 2023 14:52

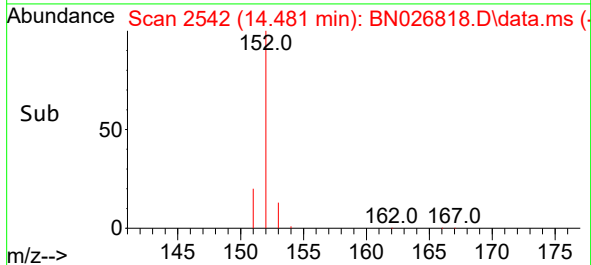
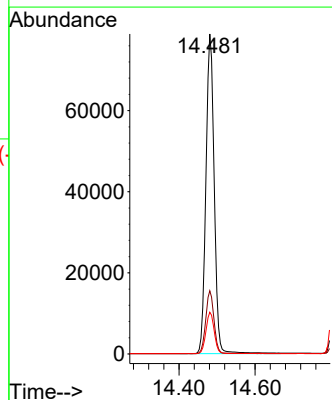
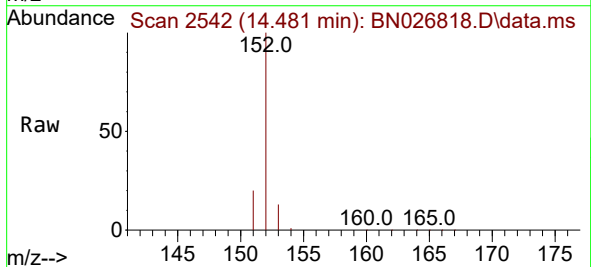
Instrument :
BNA_N
ClientSampleId :
X3H69DL

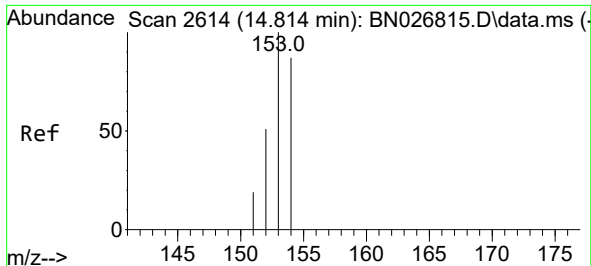
Tgt Ion:128 Resp: 105775
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.9 10.5 15.7



#10
Acenaphthylene
Concen: 1.379 ng/ul
RT: 14.481 min Scan# 2542
Delta R.T. 0.005 min
Lab File: BN026818.D
Acq: 04 Aug 2023 14:52

Tgt Ion:152 Resp: 119132
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 11.0 16.6

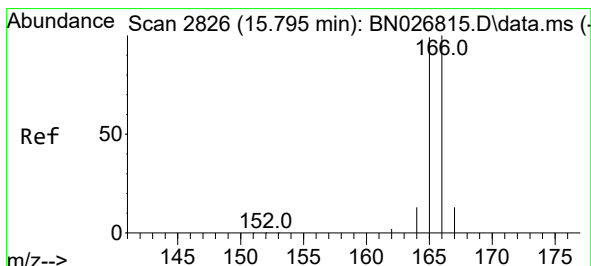
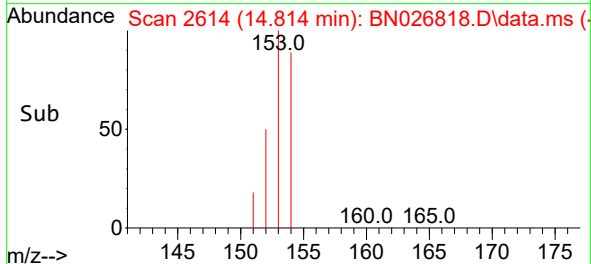
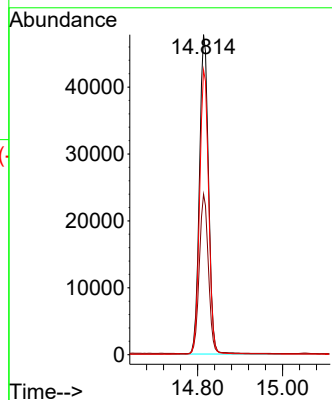
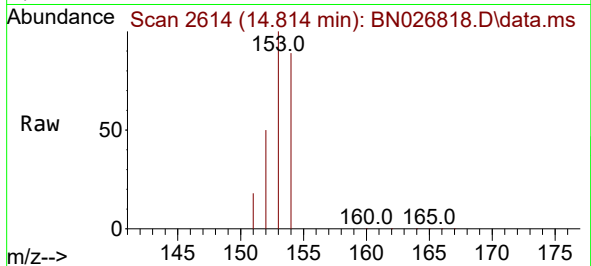




#11
Acenaphthene
Concen: 1.185 ng/ul
RT: 14.814 min Scan# 2014
Delta R.T. 0.005 min
Lab File: BN026818.D
Acq: 04 Aug 2023 14:52

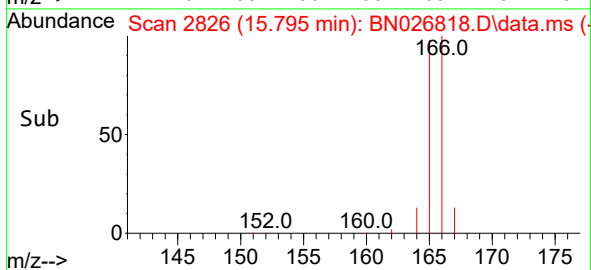
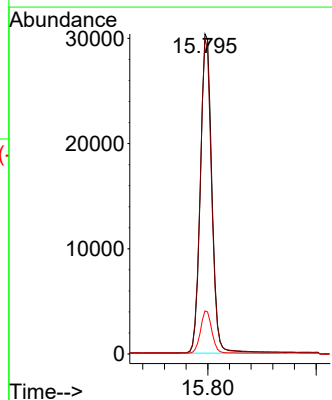
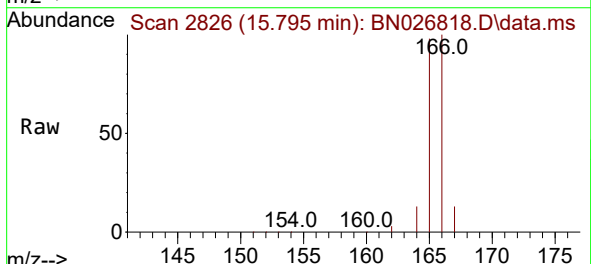
Instrument :
BNA_N
ClientSampleId :
X3H69DL

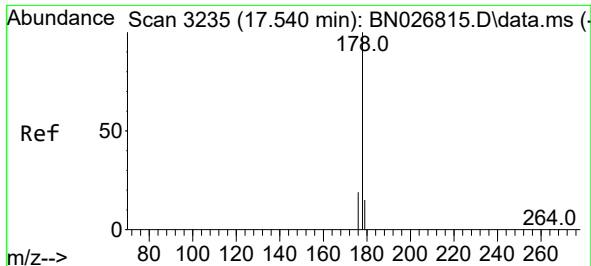
Tgt Ion:153 Resp: 70812
Ion Ratio Lower Upper
153 100
152 50.2 41.1 61.7
154 88.9 71.6 107.4



#12
Fluorene
Concen: 0.658 ng/ul
RT: 15.795 min Scan# 2826
Delta R.T. 0.005 min
Lab File: BN026818.D
Acq: 04 Aug 2023 14:52

Tgt Ion:166 Resp: 44523
Ion Ratio Lower Upper
166 100
165 98.4 79.1 118.7
167 13.5 11.4 17.0

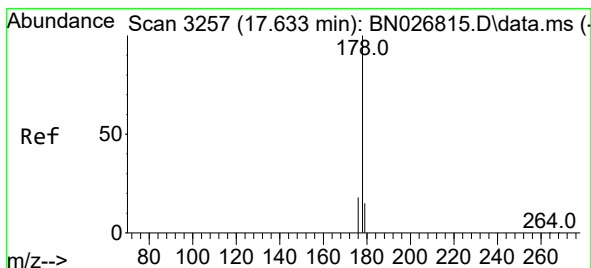
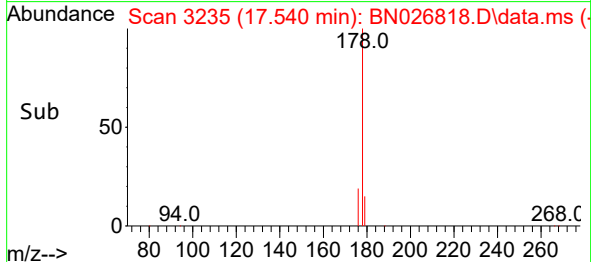
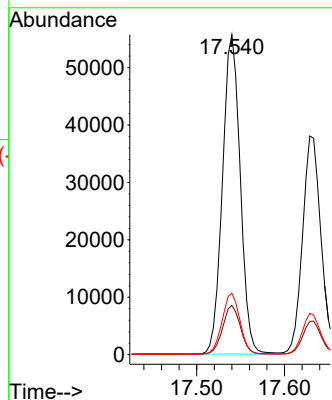
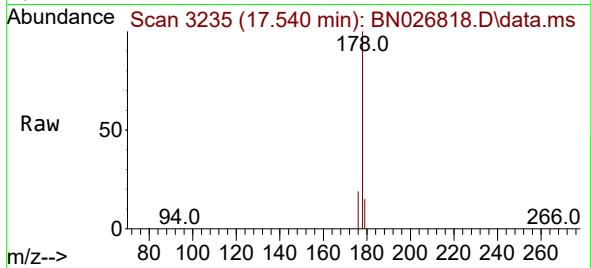




#15
Phenanthrene
Concen: 0.689 ng/ul
RT: 17.540 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN026818.D
Acq: 04 Aug 2023 14:52

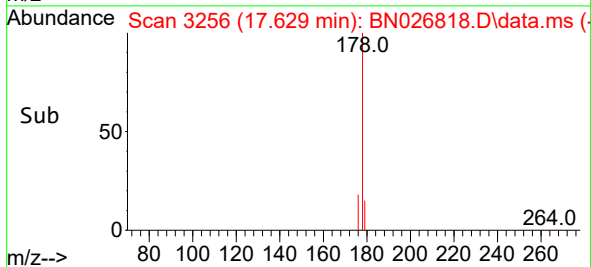
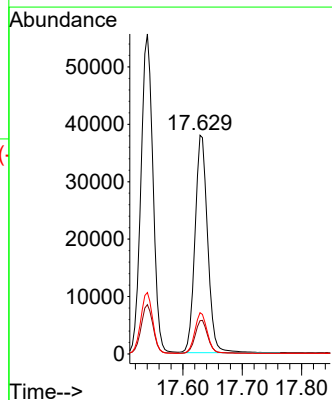
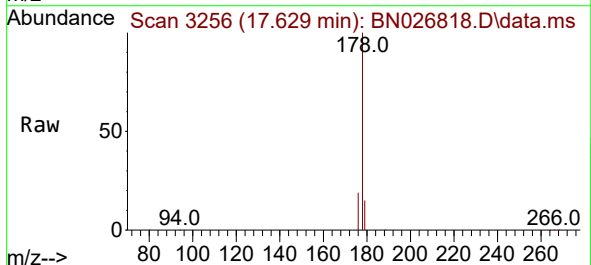
Instrument :
BNA_N
ClientSampleId :
X3H69DL

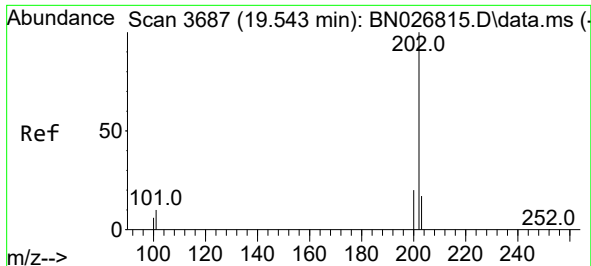
Tgt Ion:178 Resp: 78126
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.4 23.2



#16
Anthracene
Concen: 0.543 ng/ul
RT: 17.629 min Scan# 3256
Delta R.T. 0.004 min
Lab File: BN026818.D
Acq: 04 Aug 2023 14:52

Tgt Ion:178 Resp: 55650
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 18.9 15.0 22.6

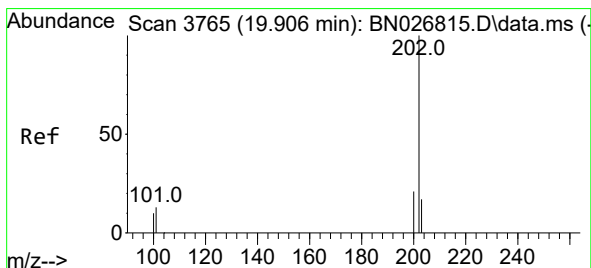
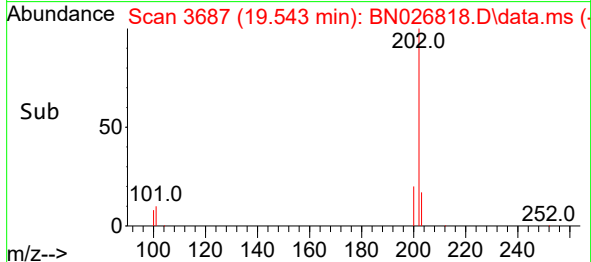
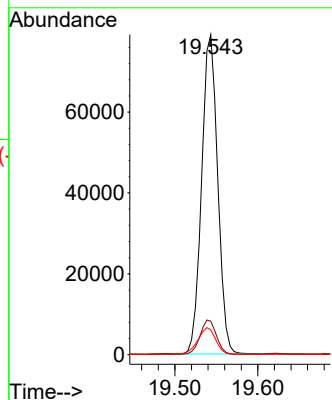
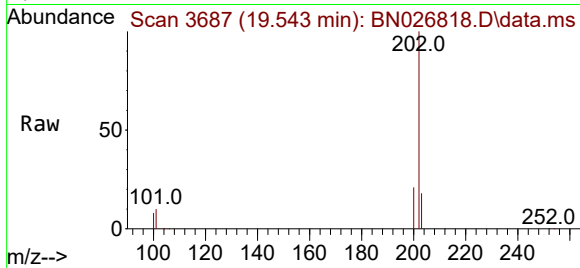




#19
Fluoranthene
Concen: 0.855 ng/u1
RT: 19.543 min Scan# 3687
Delta R.T. 0.005 min
Lab File: BN026818.D
Acq: 04 Aug 2023 14:52

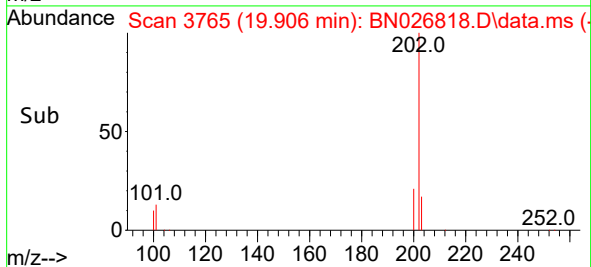
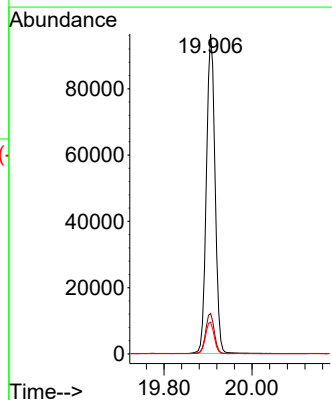
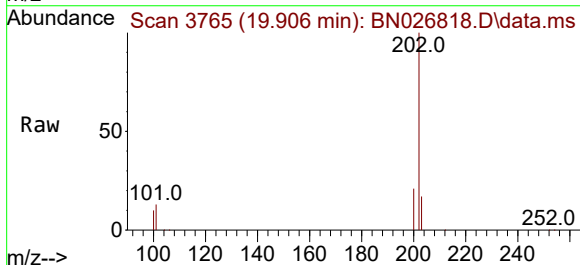
Instrument :
BNA_N
ClientSampleId :
X3H69DL

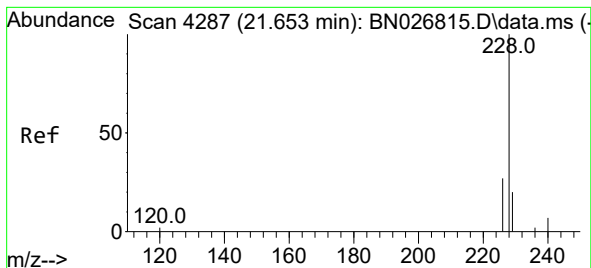
Tgt Ion:202 Resp: 106728
Ion Ratio Lower Upper
202 100
101 10.5 8.3 12.5
100 7.8 6.2 9.2



#20
Pyrene
Concen: 0.979 ng/u1
RT: 19.906 min Scan# 3765
Delta R.T. 0.005 min
Lab File: BN026818.D
Acq: 04 Aug 2023 14:52

Tgt Ion:202 Resp: 130492
Ion Ratio Lower Upper
202 100
101 12.7 10.7 16.1
100 9.9 8.5 12.7





#21

Benzo(a)anthracene

Concen: 0.293 ng/ul

RT: 21.656 min Scan# 4288

Delta R.T. 0.003 min

Lab File: BN026818.D

Acq: 04 Aug 2023 14:52

Instrument :

BNA_N

ClientSampleId :

X3H69DL

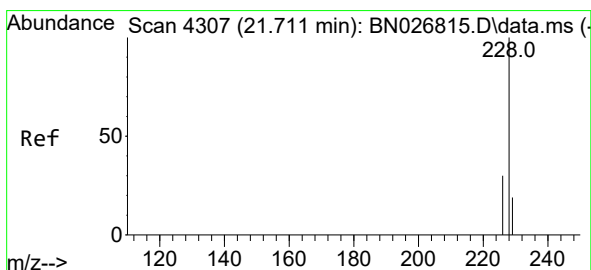
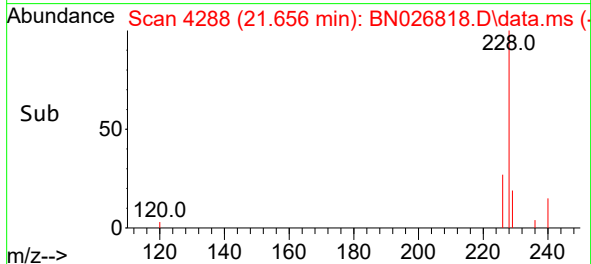
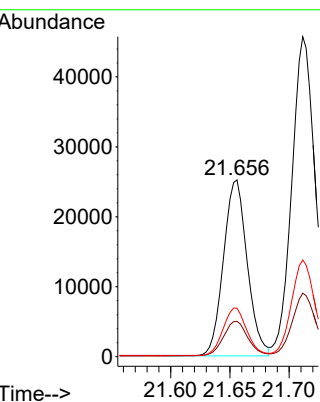
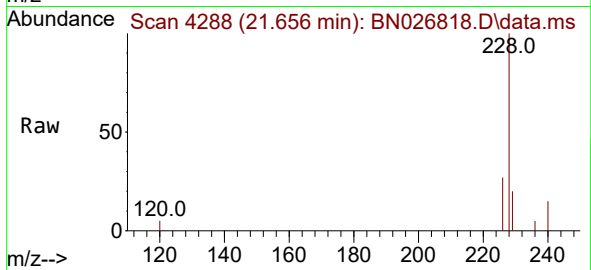
Tgt Ion:228 Resp: 35088

Ion Ratio Lower Upper

228 100

229 20.0 16.0 24.0

226 27.5 22.2 33.2



#22

Chrysene

Concen: 0.535 ng/ul

RT: 21.712 min Scan# 4307

Delta R.T. 0.003 min

Lab File: BN026818.D

Acq: 04 Aug 2023 14:52

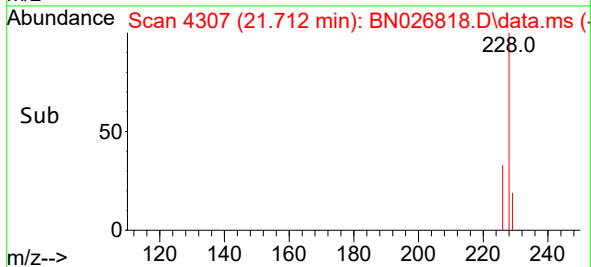
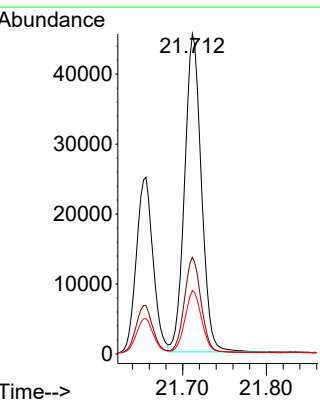
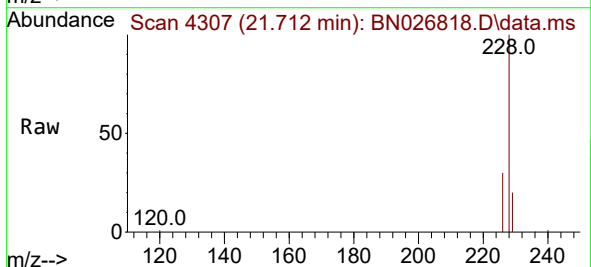
Tgt Ion:228 Resp: 63143

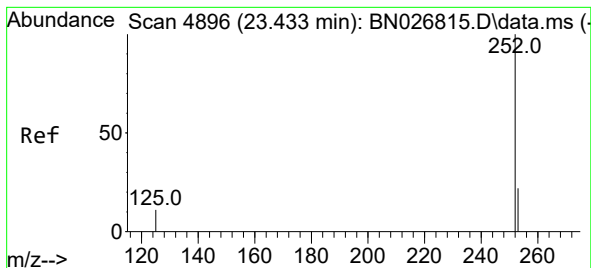
Ion Ratio Lower Upper

228 100

226 30.2 24.6 36.8

229 19.9 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.610 ng/ul

RT: 23.439 min Scan# 4896

Delta R.T. 0.009 min

Lab File: BN026818.D

Acq: 04 Aug 2023 14:52

Instrument :

BNA_N

ClientSampleId :

X3H69DL

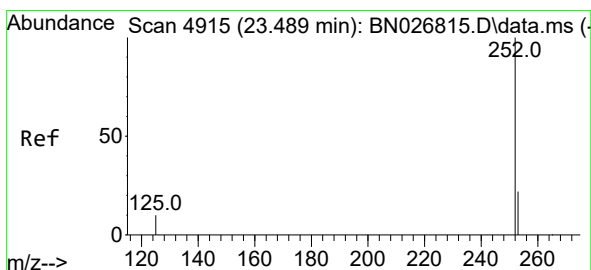
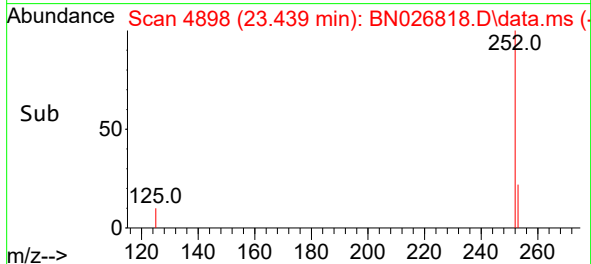
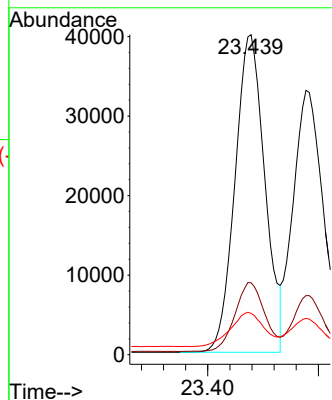
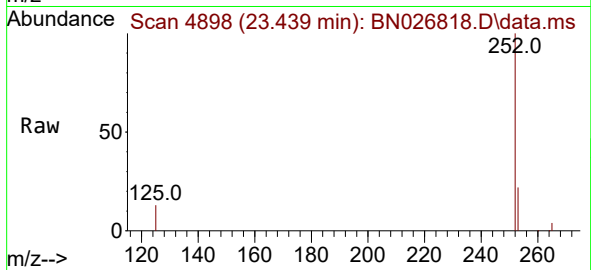
Tgt Ion:252 Resp: 74785

Ion Ratio Lower Upper

252 100

253 22.5 0.0 46.8

125 12.9 0.0 25.2



#25

Benzo(k)fluoranthene

Concen: 0.522 ng/ul

RT: 23.489 min Scan# 4915

Delta R.T. 0.003 min

Lab File: BN026818.D

Acq: 04 Aug 2023 14:52

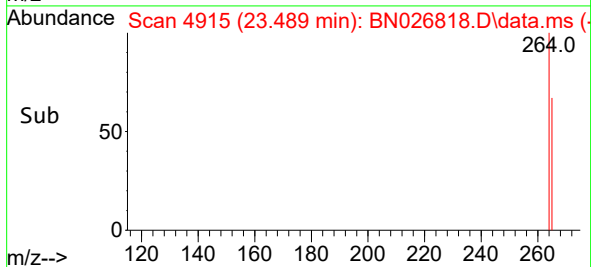
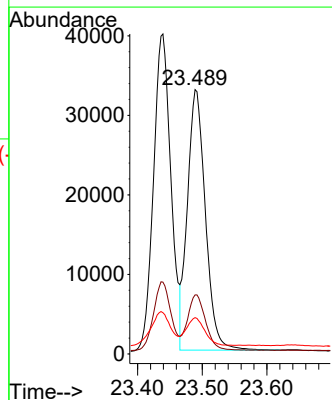
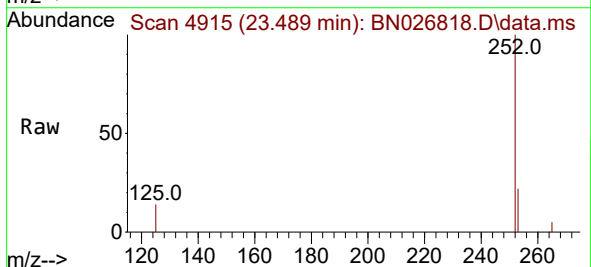
Tgt Ion:252 Resp: 63169

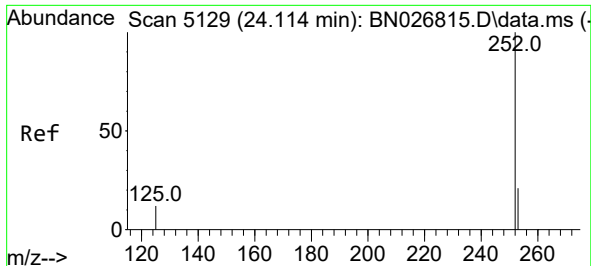
Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

125 13.7 9.9 14.9

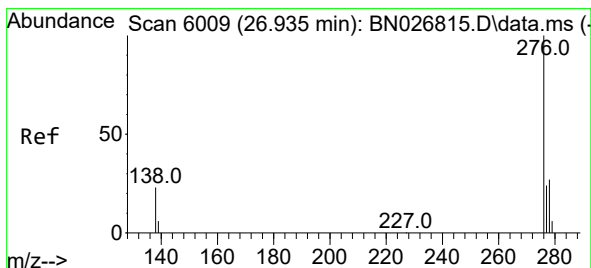
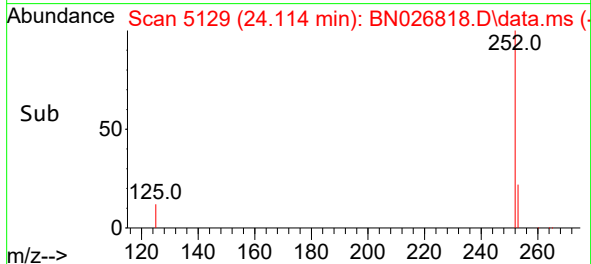
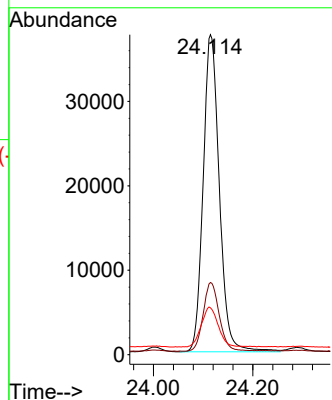
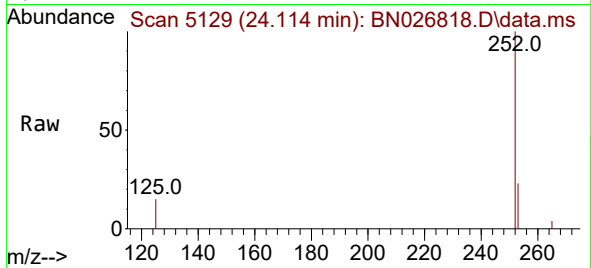




#26
Benzo(a)pyrene
Concen: 0.770 ng/ul
RT: 24.114 min Scan# 5129
Delta R.T. 0.003 min
Lab File: BN026818.D
Acq: 04 Aug 2023 14:52

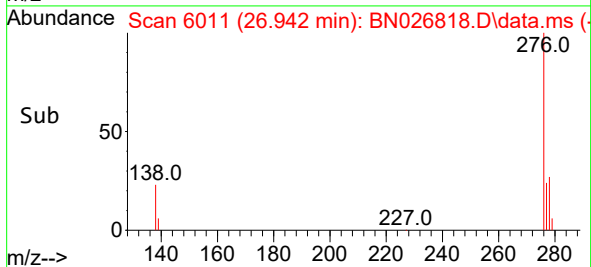
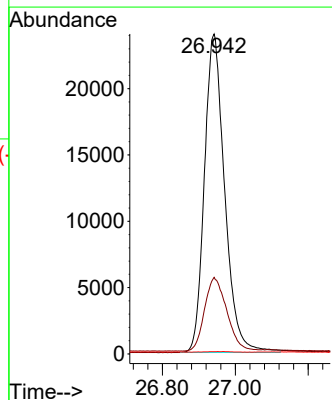
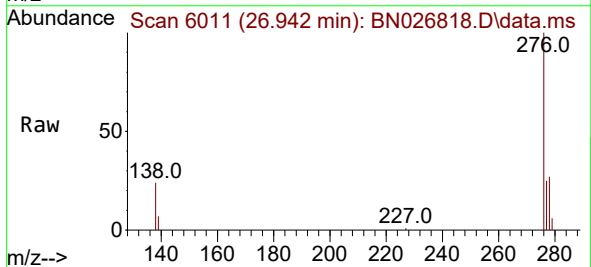
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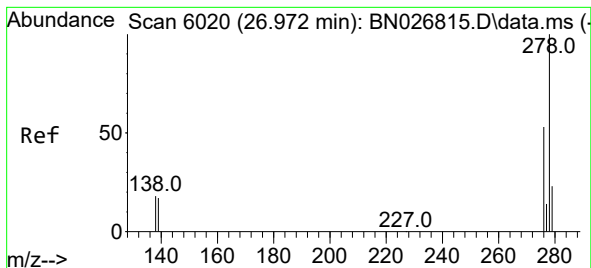
Tgt Ion:252 Resp: 85207
Ion Ratio Lower Upper
252 100
253 22.5 19.0 28.6
125 14.6 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.641 ng/ul
RT: 26.942 min Scan# 6011
Delta R.T. 0.013 min
Lab File: BN026818.D
Acq: 04 Aug 2023 14:52

Tgt Ion:276 Resp: 92782
Ion Ratio Lower Upper
276 100
138 25.5 21.6 32.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.514 ng/ul

RT: 26.975 min Scan# 6020

Delta R.T. 0.007 min

Lab File: BN026818.D

Acq: 04 Aug 2023 14:52

Instrument :

BNA_N

ClientSampleId :

X3H69DL

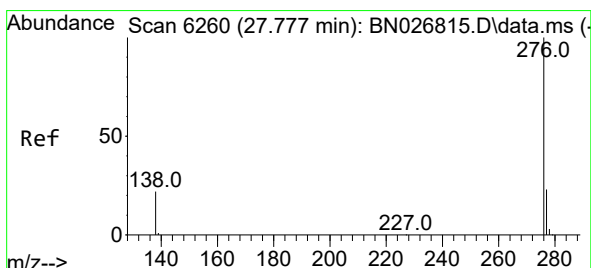
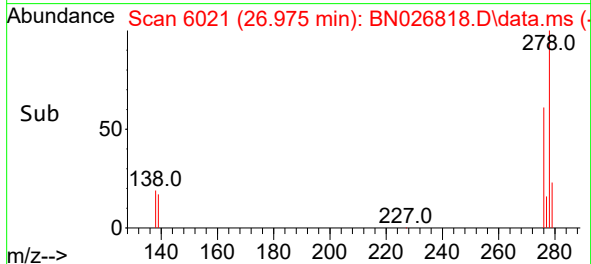
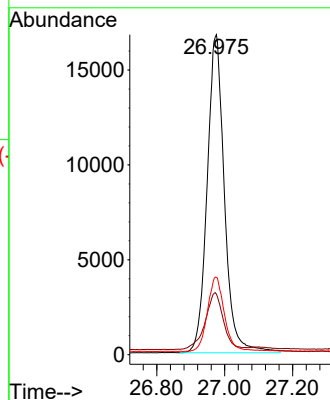
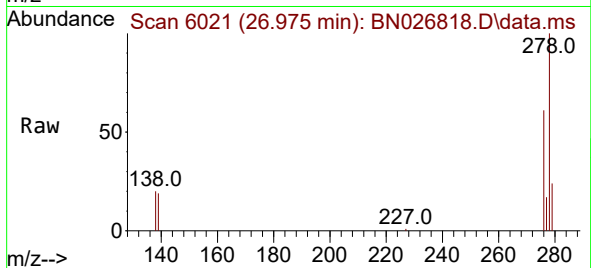
Tgt Ion:278 Resp: 59342

Ion Ratio Lower Upper

278 100

139 18.9 15.7 23.5

279 24.2 20.2 30.4



#29

Benzo(g,h,i)perylene

Concen: 0.520 ng/ul

RT: 27.780 min Scan# 6261

Delta R.T. 0.010 min

Lab File: BN026818.D

Acq: 04 Aug 2023 14:52

Tgt Ion:276 Resp: 62641

Ion Ratio Lower Upper

276 100

138 23.5 19.3 28.9

277 24.2 19.8 29.8

