

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080423\
 Data File : BN026817.D
 Acq On : 04 Aug 2023 14:15
 Operator : MA/JU
 Sample : 03805-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3H69

Quant Time: Aug 04 22:30:42 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)

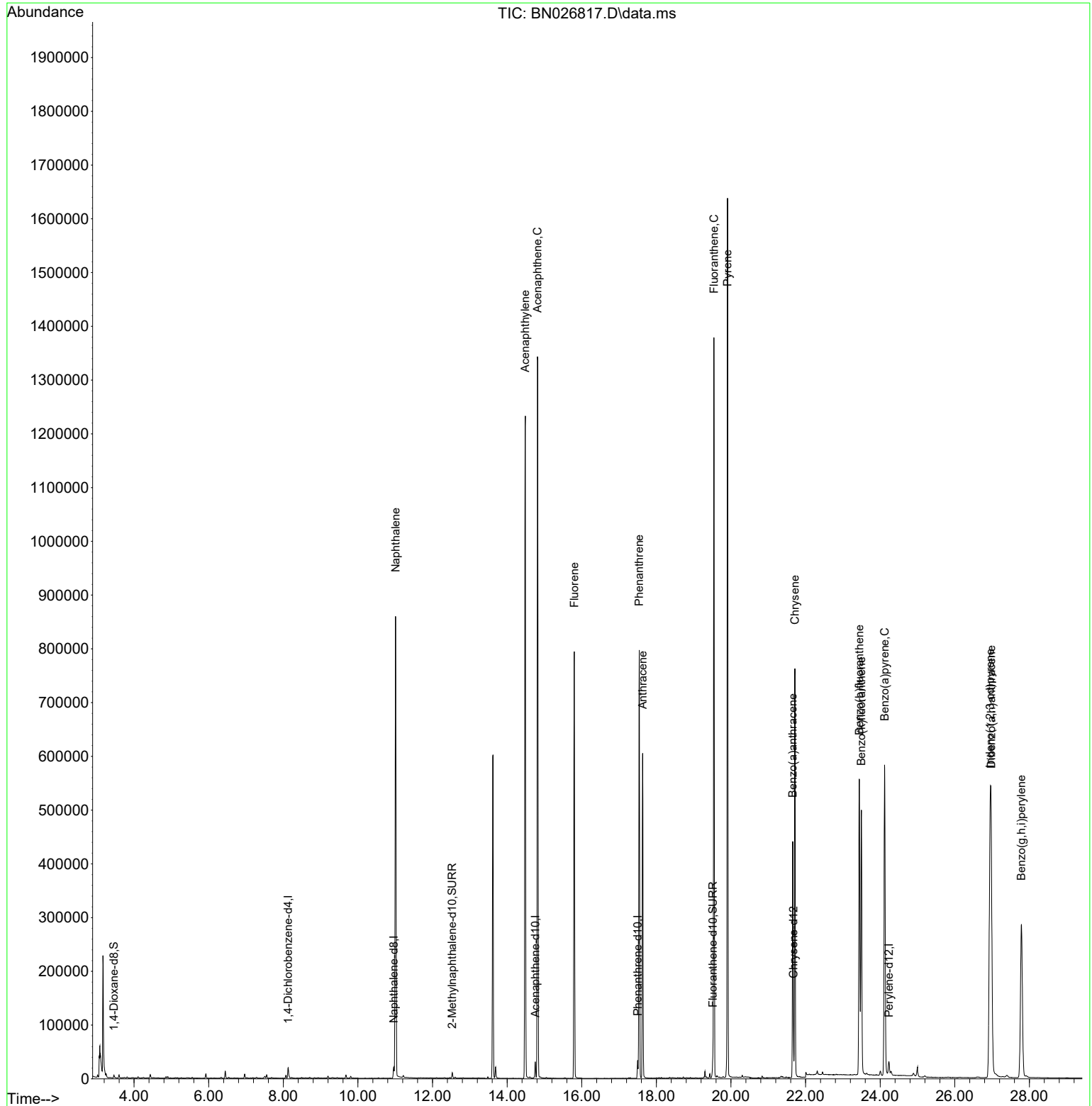
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.131	152	9695	0.400	ng/ul	0.01
4) Naphthalene-d8	10.960	136	29266	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.754	164	16972	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	38368	0.400	ng/ul	0.00
17) Chrysene-d12	21.673	240	32724	0.400	ng/ul	0.00
23) Perylene-d12	24.234	264	36801	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.460	96	4105	0.357	ng/ul	0.02
6) 2-Methylnaphthalene-d10	12.528	152	12978	0.301	ng/ul	0.01
18) Fluoranthene-d10	19.515	212	39677	0.384	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	11.010	128	1202377	14.539	ng/ul	99
10) Acenaphthylene	14.485	152	1376566	14.477	ng/ul	98
11) Acenaphthene	14.814	153	776949	11.807	ng/ul	98
12) Fluorene	15.799	166	505006	6.784	ng/ul	98
15) Phenanthrene	17.540	178	846547	6.716	ng/ul	100
16) Anthracene	17.633	178	640265	5.621	ng/ul	99
19) Fluoranthene	19.543	202	1131598	8.325	ng/ul	99
20) Pyrene	19.906	202	1356853	9.355	ng/ul	99
21) Benzo(a)anthracene	21.656	228	384882	2.957	ng/ul	100
22) Chrysene	21.714	228	667464	5.196	ng/ul	99
24) Benzo(b)fluoranthene	23.439	252	819970	5.891	ng/ul	97
25) Benzo(k)fluoranthene	23.495	252	690096	5.026	ng/ul	99
26) Benzo(a)pyrene	24.117	252	935802	7.450	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.945	276	1034125	6.294	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.975	278	664038	5.070	ng/ul	96
29) Benzo(g,h,i)perylene	27.783	276	701979	5.131	ng/ul	98

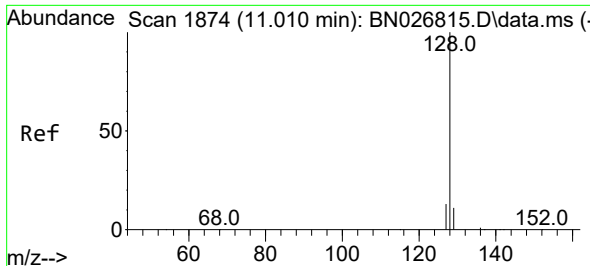
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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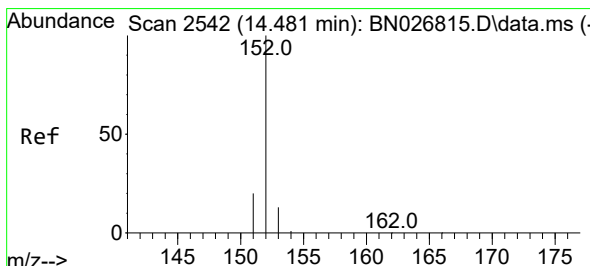
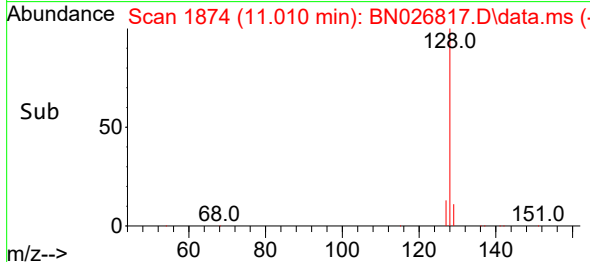
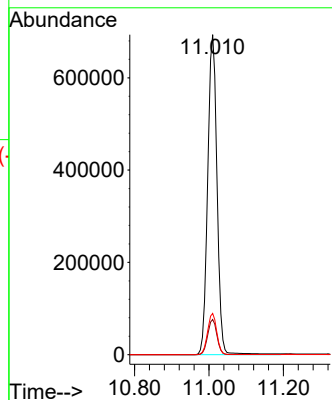
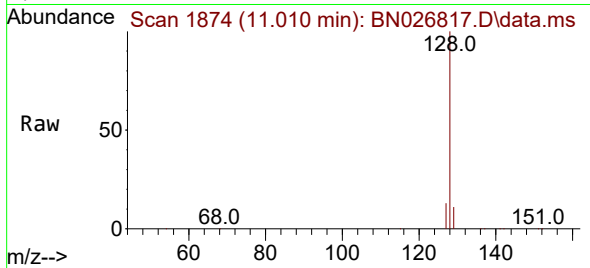




#5
Naphthalene
Concen: 14.539 ng/ul
RT: 11.010 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN026817.D
Acq: 04 Aug 2023 14:15

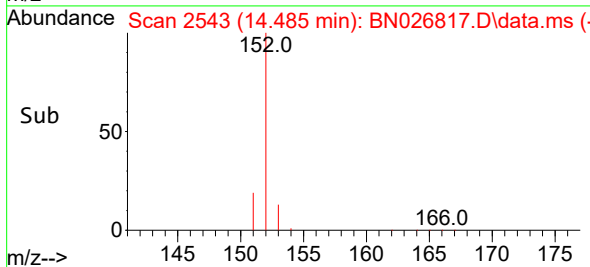
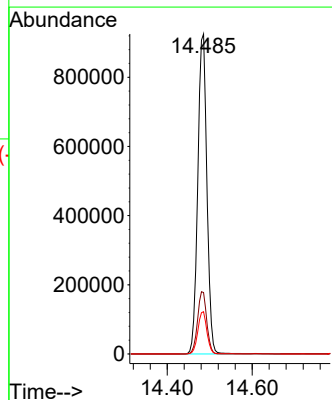
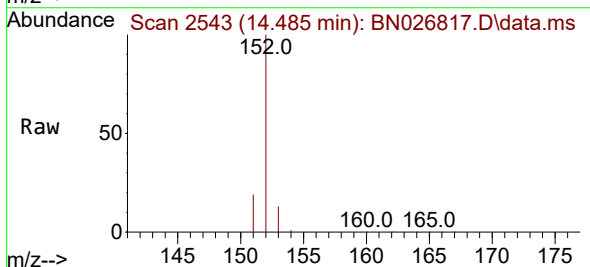
Instrument :
BNA_N
ClientSampleId :
X3H69

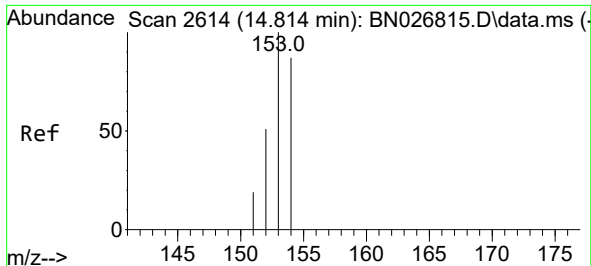
Tgt Ion:128 Resp: 1202377
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.9 10.5 15.7



#10
Acenaphthylene
Concen: 14.477 ng/ul
RT: 14.485 min Scan# 2543
Delta R.T. 0.009 min
Lab File: BN026817.D
Acq: 04 Aug 2023 14:15

Tgt Ion:152 Resp: 1376566
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 13.2 11.0 16.6

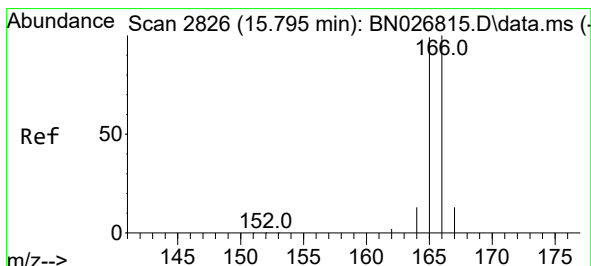
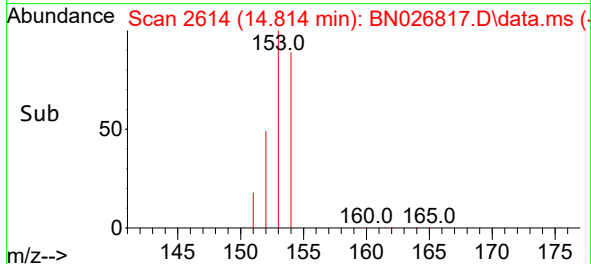
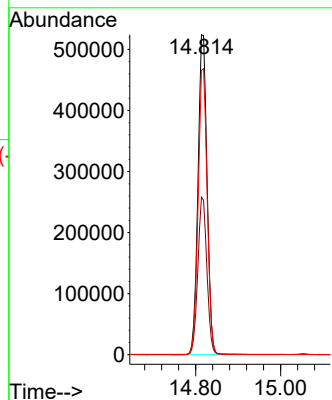
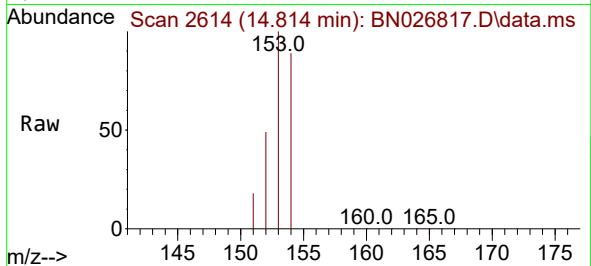




#11
Acenaphthene
Concen: 11.807 ng/ul
RT: 14.814 min Scan# 20
Delta R.T. 0.005 min
Lab File: BN026817.D
Acq: 04 Aug 2023 14:15

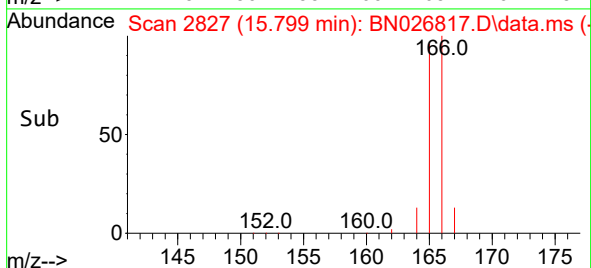
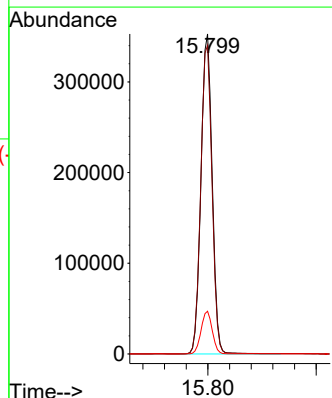
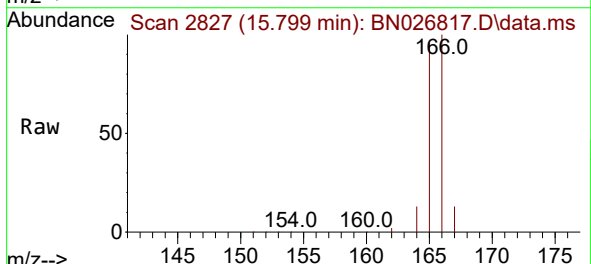
Instrument :
BNA_N
ClientSampleId :
X3H69

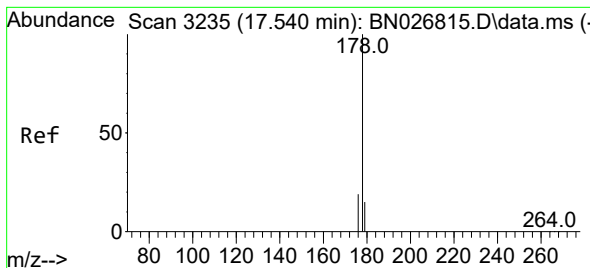
Tgt Ion:153 Resp: 776949
Ion Ratio Lower Upper
153 100
152 49.2 41.1 61.7
154 88.9 71.6 107.4



#12
Fluorene
Concen: 6.784 ng/ul
RT: 15.799 min Scan# 2827
Delta R.T. 0.009 min
Lab File: BN026817.D
Acq: 04 Aug 2023 14:15

Tgt Ion:166 Resp: 505006
Ion Ratio Lower Upper
166 100
165 96.4 79.1 118.7
167 13.4 11.4 17.0





#15

Phenanthrene

Concen: 6.716 ng/ul

RT: 17.540 min Scan# 31

Delta R.T. 0.004 min

Lab File: BN026817.D

Acq: 04 Aug 2023 14:15

Instrument :

BNA_N

ClientSampleId :

X3H69

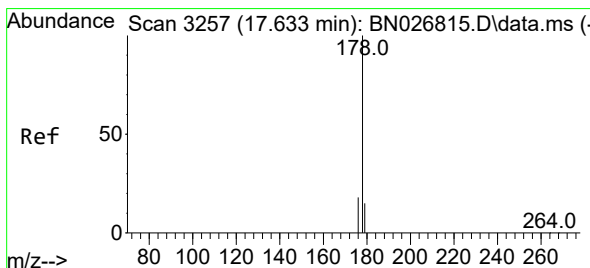
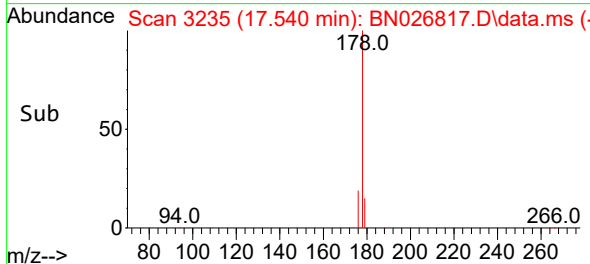
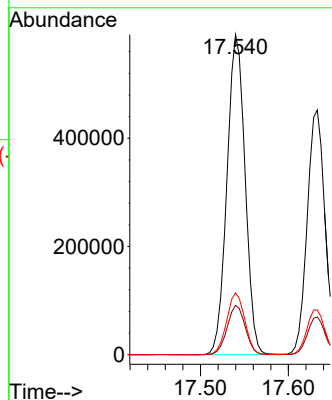
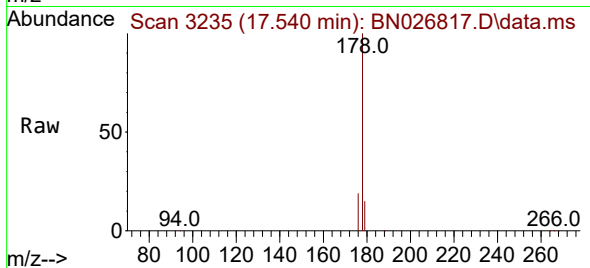
Tgt Ion:178 Resp: 846547

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 19.3 15.4 23.2



#16

Anthracene

Concen: 5.621 ng/ul

RT: 17.633 min Scan# 3257

Delta R.T. 0.008 min

Lab File: BN026817.D

Acq: 04 Aug 2023 14:15

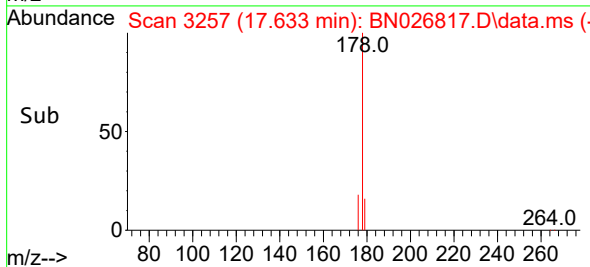
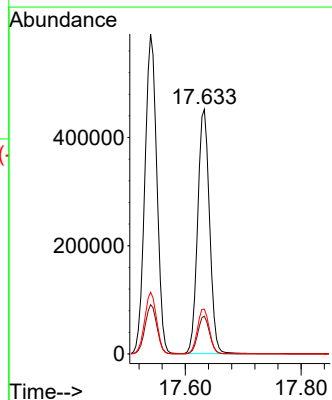
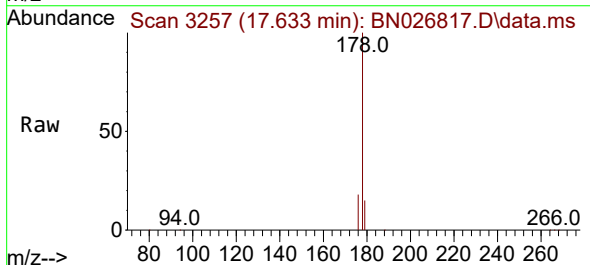
Tgt Ion:178 Resp: 640265

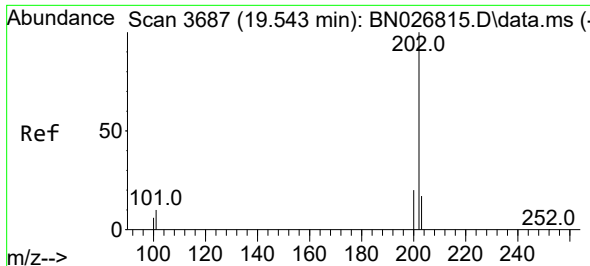
Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

176 18.3 15.0 22.6

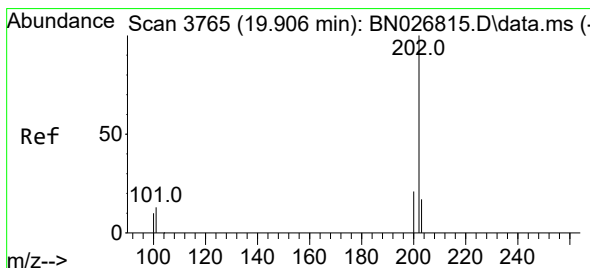
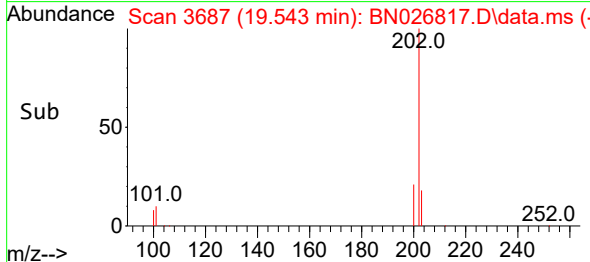
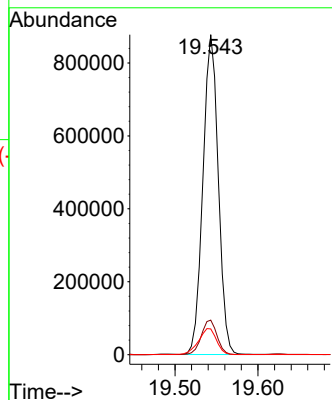
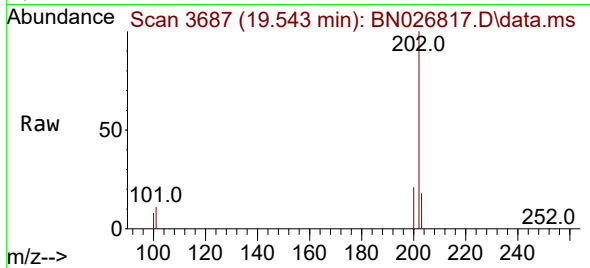




#19
Fluoranthene
Concen: 8.325 ng/ul
RT: 19.543 min Scan# 3687
Delta R.T. 0.005 min
Lab File: BN026817.D
Acq: 04 Aug 2023 14:15

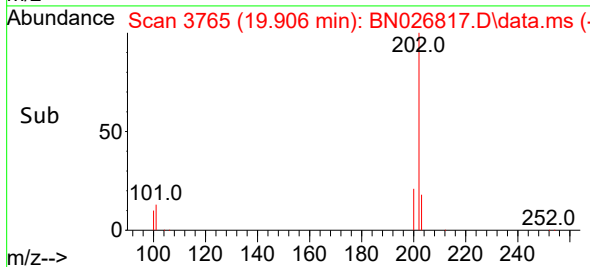
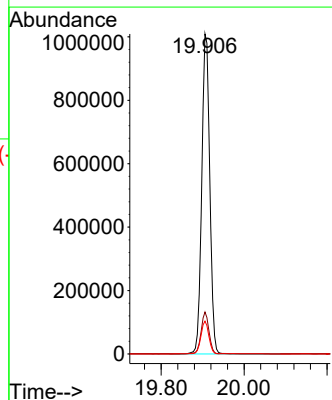
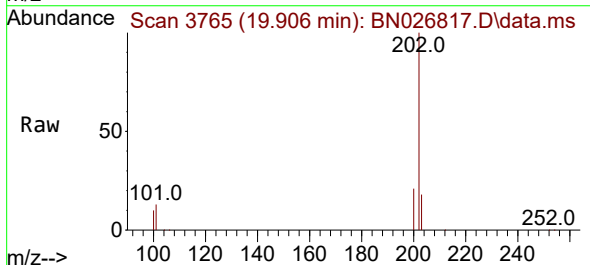
Instrument :
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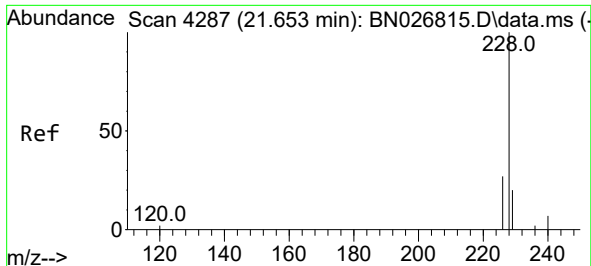
Tgt Ion:202 Resp: 1131598
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 8.1 6.2 9.2



#20
Pyrene
Concen: 9.355 ng/ul
RT: 19.906 min Scan# 3765
Delta R.T. 0.005 min
Lab File: BN026817.D
Acq: 04 Aug 2023 14:15

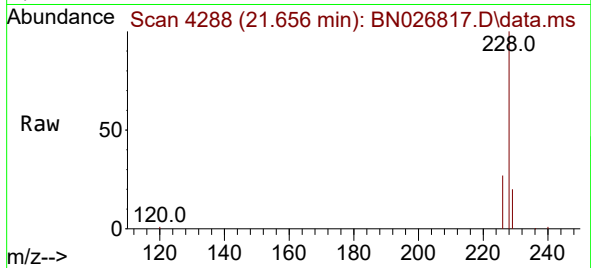
Tgt Ion:202 Resp: 1356853
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.3 8.5 12.7



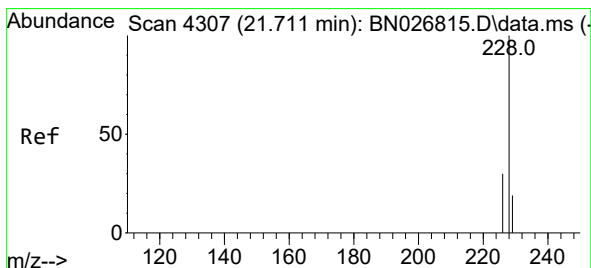
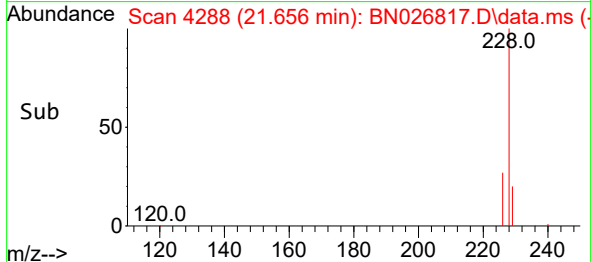
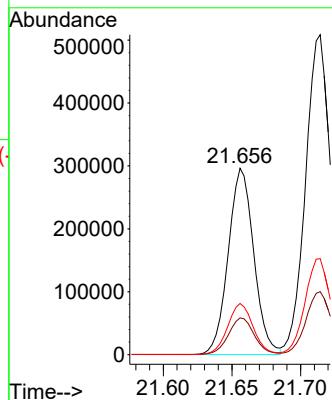


#21
Benzo(a)anthracene
Concen: 2.957 ng/ul
RT: 21.656 min Scan# 4288
Delta R.T. 0.003 min
Lab File: BN026817.D
Acq: 04 Aug 2023 14:15

Instrument :
BNA_N
ClientSampleId :
X3H69

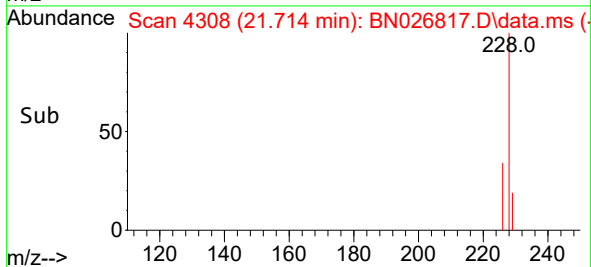
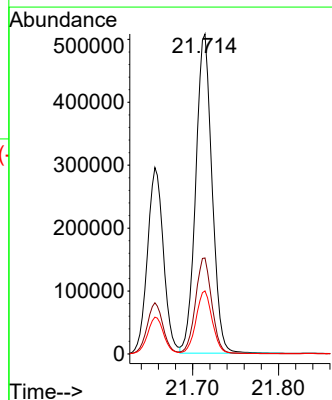
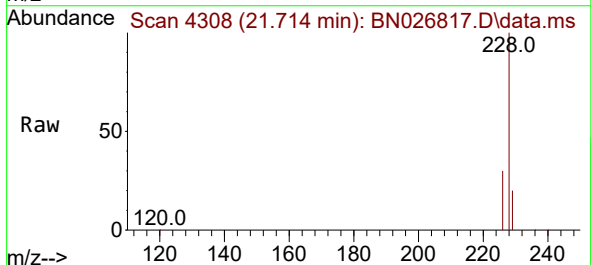


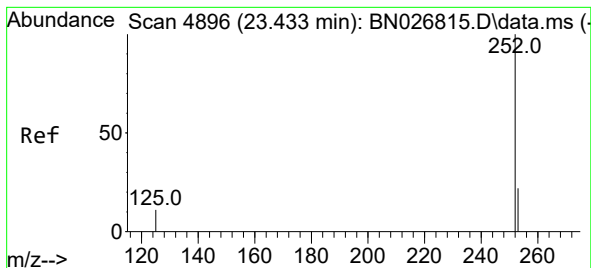
Tgt Ion:228 Resp: 384882
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.5 22.2 33.2



#22
Chrysene
Concen: 5.196 ng/ul
RT: 21.714 min Scan# 4308
Delta R.T. 0.006 min
Lab File: BN026817.D
Acq: 04 Aug 2023 14:15

Tgt Ion:228 Resp: 667464
Ion Ratio Lower Upper
228 100
226 30.0 24.6 36.8
229 19.7 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 5.891 ng/ul

RT: 23.439 min Scan# 4896

Delta R.T. 0.009 min

Lab File: BN026817.D

Acq: 04 Aug 2023 14:15

Instrument :

BNA_N

ClientSampleId :

X3H69

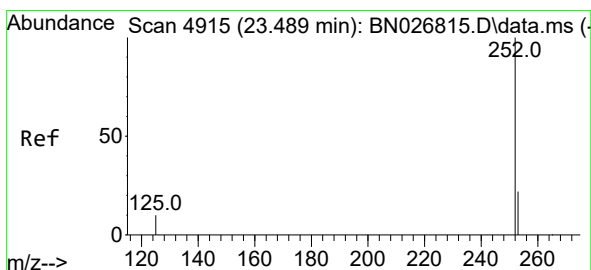
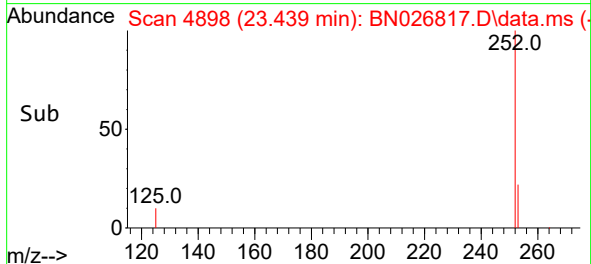
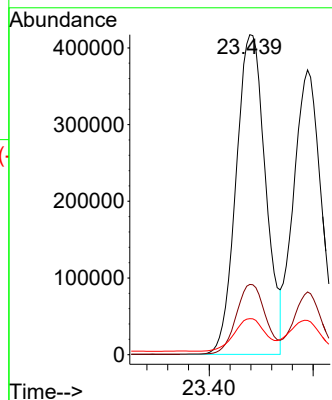
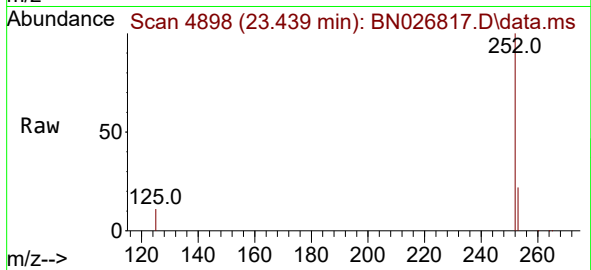
Tgt Ion:252 Resp: 819970

Ion Ratio Lower Upper

252 100

253 22.0 0.0 46.8

125 11.3 0.0 25.2



#25

Benzo(k)fluoranthene

Concen: 5.026 ng/ul

RT: 23.495 min Scan# 4917

Delta R.T. 0.009 min

Lab File: BN026817.D

Acq: 04 Aug 2023 14:15

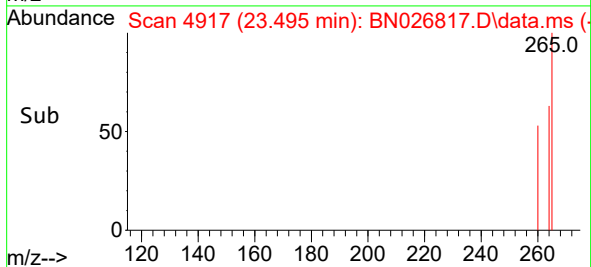
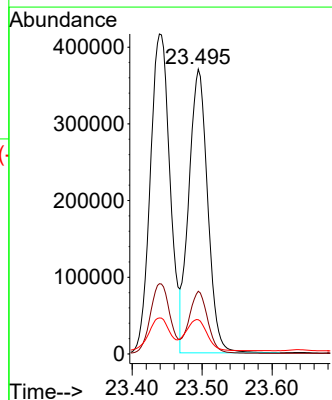
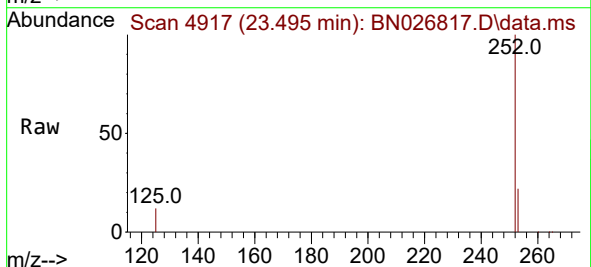
Tgt Ion:252 Resp: 690096

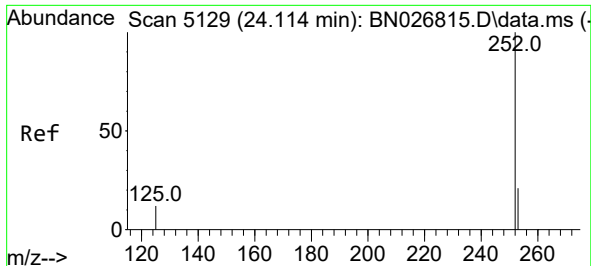
Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

125 12.0 9.9 14.9

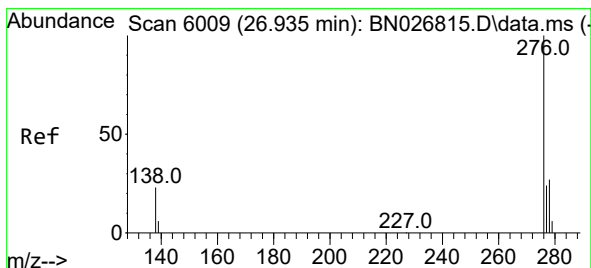
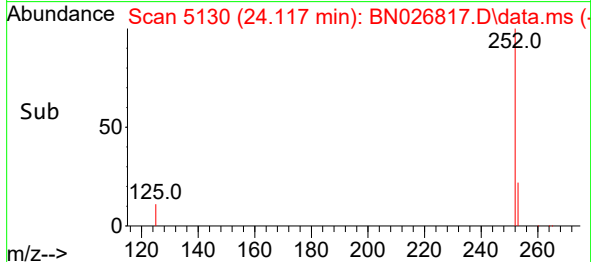
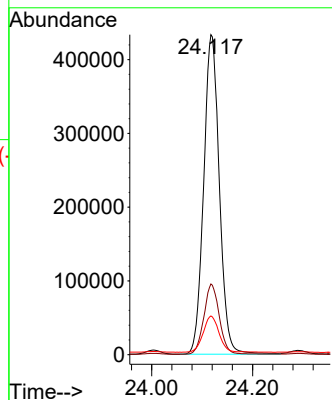
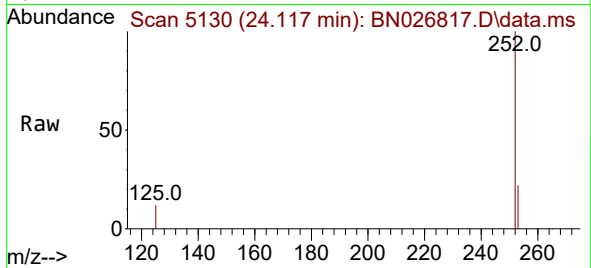




#26
Benzo(a)pyrene
Concen: 7.450 ng/ul
RT: 24.117 min Scan# 5129
Delta R.T. 0.006 min
Lab File: BN026817.D
Acq: 04 Aug 2023 14:15

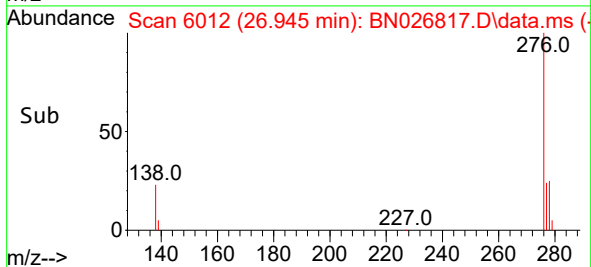
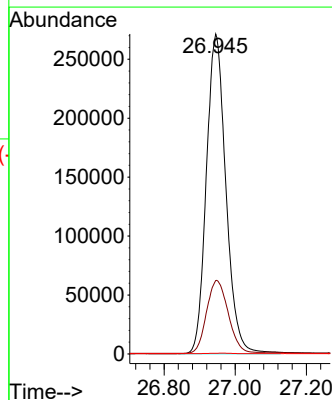
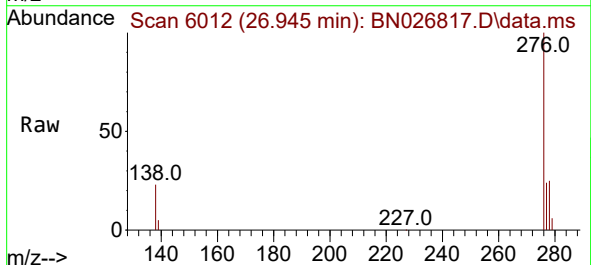
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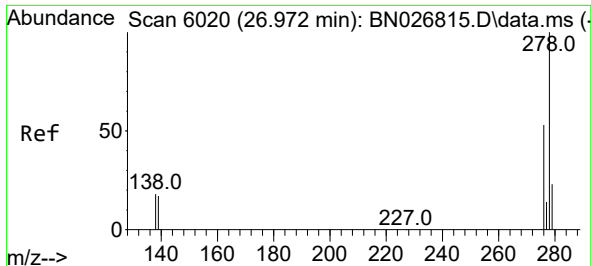
Tgt Ion:252 Resp: 935802
Ion Ratio Lower Upper
252 100
253 22.1 19.0 28.6
125 12.1 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.294 ng/ul
RT: 26.945 min Scan# 6012
Delta R.T. 0.017 min
Lab File: BN026817.D
Acq: 04 Aug 2023 14:15

Tgt Ion:276 Resp: 1034125
Ion Ratio Lower Upper
276 100
138 25.5 21.6 32.4
227 0.2 0.0 0.0#

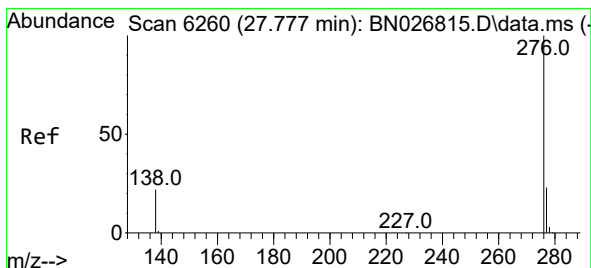
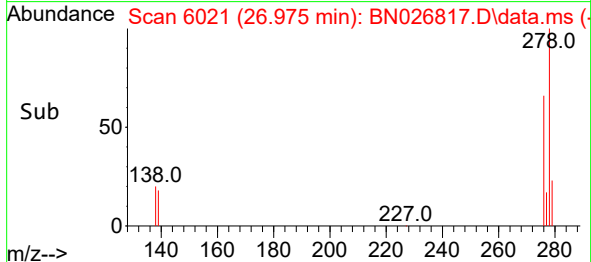
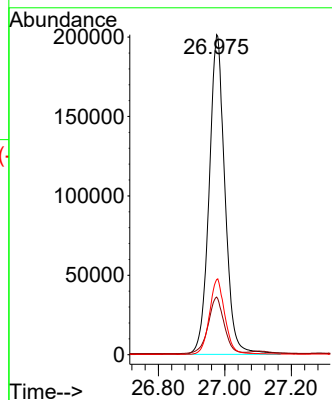
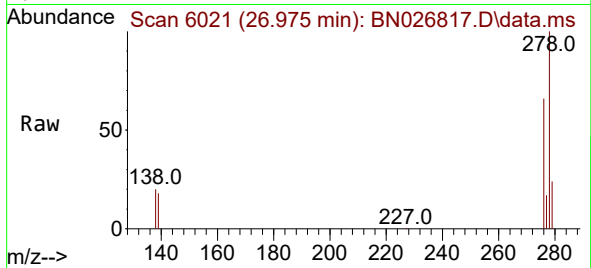




#28
 Dibenzo(a,h)anthracene
 Concen: 5.070 ng/ul
 RT: 26.975 min Scan# 6021
 Delta R.T. 0.007 min
 Lab File: BN026817.D
 Acq: 04 Aug 2023 14:15

Instrument :
 BNA_N
 ClientSampleId :
 X3H69

Tgt Ion:278 Resp: 664038
 Ion Ratio Lower Upper
 278 100
 139 18.0 15.7 23.5
 279 23.5 20.2 30.4



#29
 Benzo(g,h,i)perylene
 Concen: 5.131 ng/ul
 RT: 27.783 min Scan# 6262
 Delta R.T. 0.013 min
 Lab File: BN026817.D
 Acq: 04 Aug 2023 14:15

Tgt Ion:276 Resp: 701979
 Ion Ratio Lower Upper
 276 100
 138 23.0 19.3 28.9
 277 23.7 19.8 29.8

