

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
 Data File : BN028027.D
 Acq On : 04 Oct 2023 01:53
 Operator : MA/JU
 Sample : 04497-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJR3RE

Quant Time: Oct 04 04:09:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

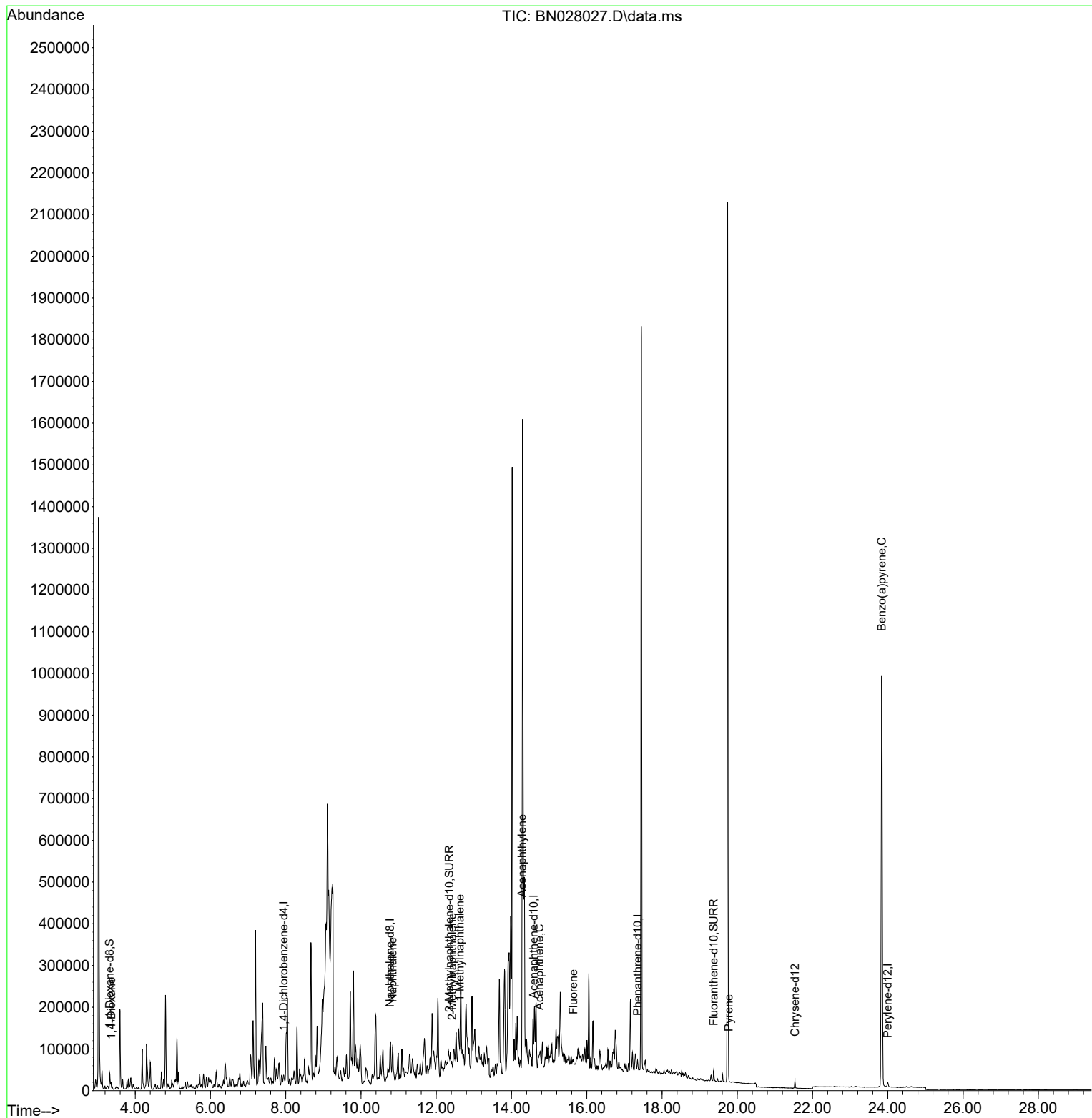
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	5597	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.768	136	19616	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.592	164	39811	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.350	188	24423	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	16233	0.400	ng/ul	# 0.00
23) Perylene-d12	24.000	264	15673	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	23550	3.350	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	15365	0.486	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	26218	0.509	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	1239	0.166	ng/ul#	1
5) Naphthalene	10.839	128	20040	0.360	ng/ul#	1
7) 2-Methylnaphthalene	12.423	142	1741	0.050	ng/ul#	11
8) 1-Methylnaphthalene	12.627	142	6707	0.184	ng/ul#	26
10) Acenaphthylene	14.277	152	29891	0.166	ng/ul#	49
11) Acenaphthene	14.745	153	8621	0.060	ng/ul	86
12) Fluorene	15.642	166	7268	0.045	ng/ul#	66
20) Pyrene	19.771	202	3093	0.048	ng/ul#	51
26) Benzo(a)pyrene	23.839	252	5004	0.101	ng/ul#	17

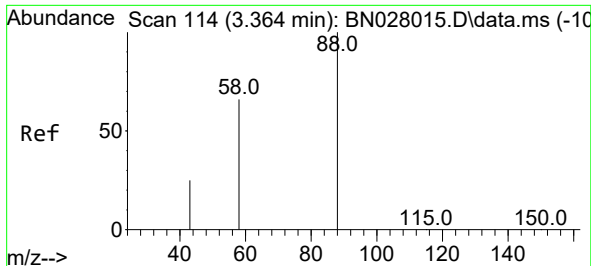
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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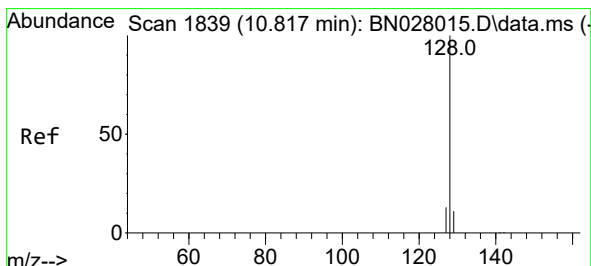
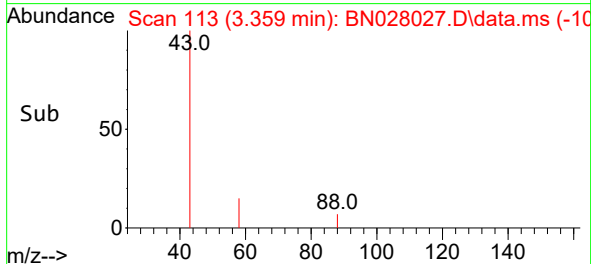
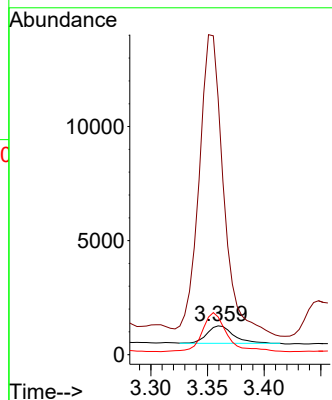
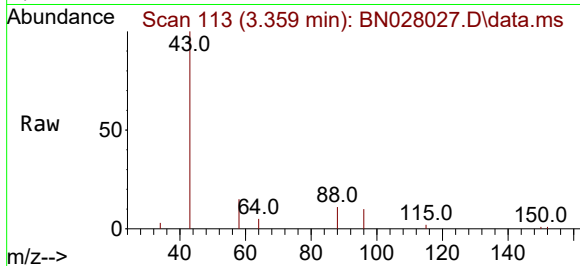




#2
1,4-Dioxane
Concen: 0.166 ng/ul
RT: 3.359 min Scan# 114
Delta R.T. -0.004 min
Lab File: BN028027.D
Acq: 04 Oct 2023 01:53

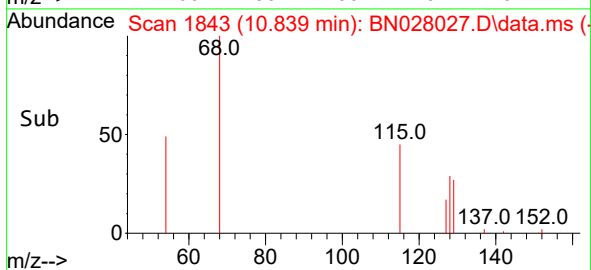
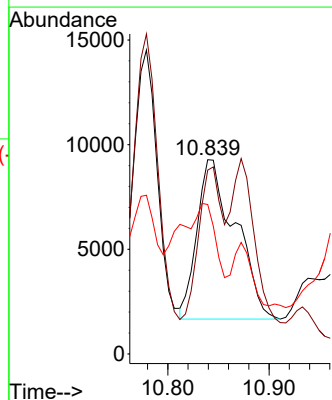
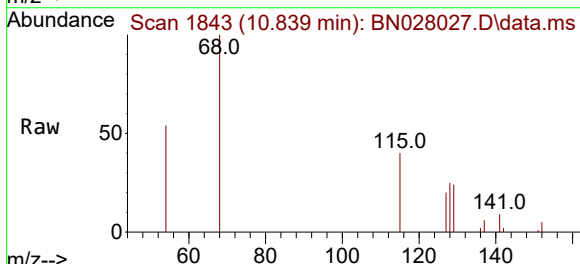
Instrument :
BNA_N
ClientSampleId :
BBJR3RE

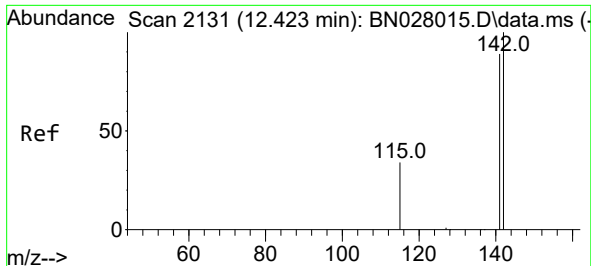
Tgt Ion: 88 Resp: 1239
Ion Ratio Lower Upper
88 100
43 889.2 33.4 50.2#
58 130.9 45.7 68.5#



#5
Naphthalene
Concen: 0.360 ng/ul
RT: 10.839 min Scan# 1843
Delta R.T. 0.022 min
Lab File: BN028027.D
Acq: 04 Oct 2023 01:53

Tgt Ion:128 Resp: 20040
Ion Ratio Lower Upper
128 100
129 94.6 9.4 14.0#
127 76.9 11.0 16.4#

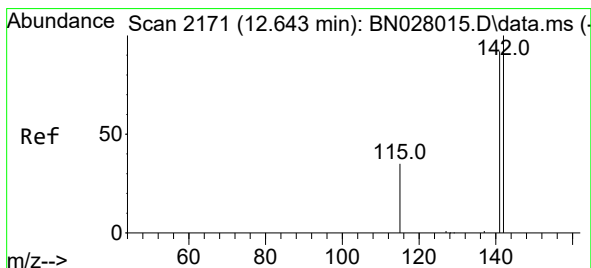
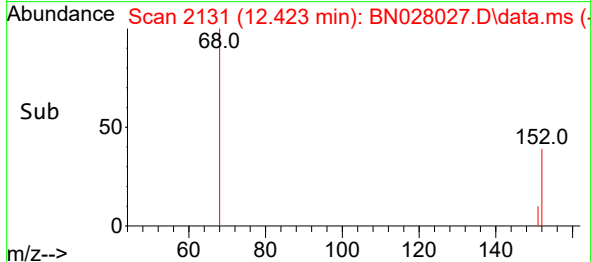
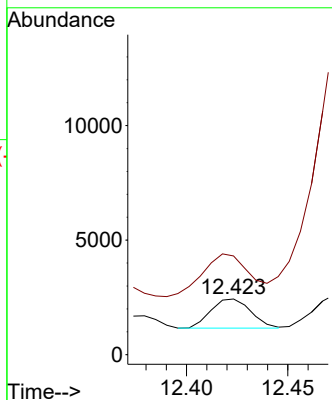
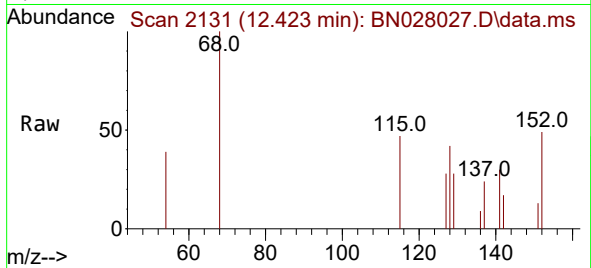




#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.423 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BN028027.D
Acq: 04 Oct 2023 01:53

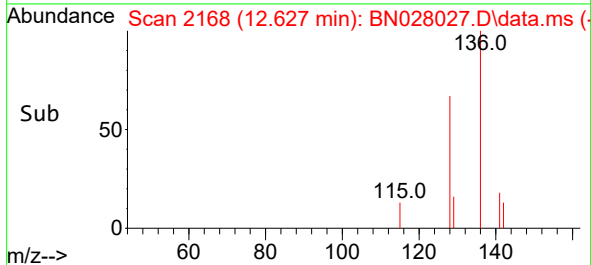
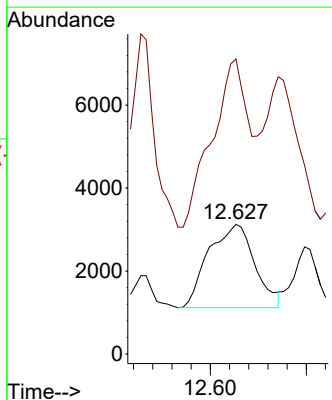
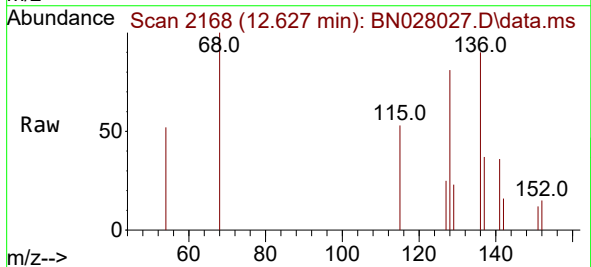
Instrument :
BNA_N
ClientSampleId :
BBJR3RE

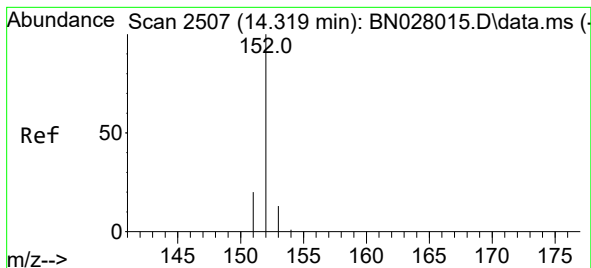
Tgt Ion:142 Resp: 1741
Ion Ratio Lower Upper
142 100
141 172.0 70.9 106.3#



#8
1-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.627 min Scan# 2168
Delta R.T. -0.017 min
Lab File: BN028027.D
Acq: 04 Oct 2023 01:53

Tgt Ion:142 Resp: 6707
Ion Ratio Lower Upper
142 100
141 164.2 74.4 111.6#





#10

Acenaphthylene

Concen: 0.166 ng/ul

RT: 14.277 min Scan# 2498

Delta R.T. -0.042 min

Lab File: BN028027.D

Acq: 04 Oct 2023 01:53

Instrument :

BNA_N

ClientSampleId :

BBJR3RE

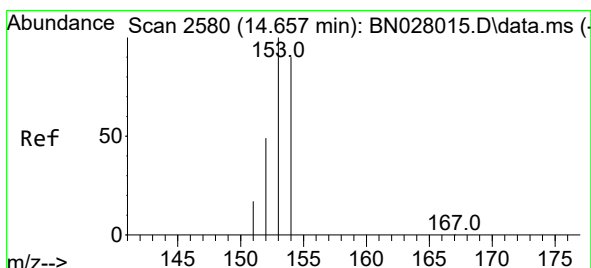
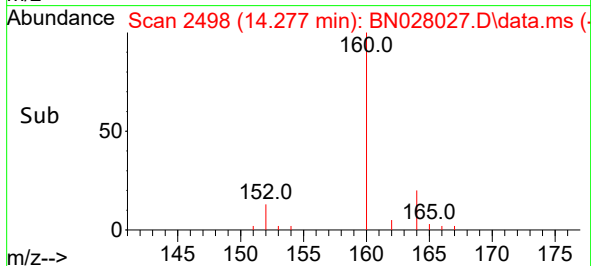
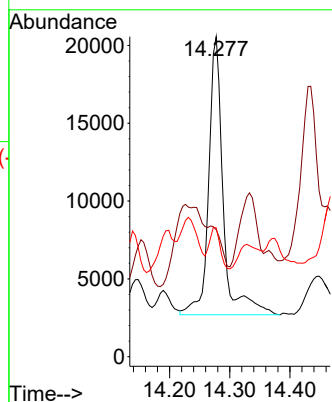
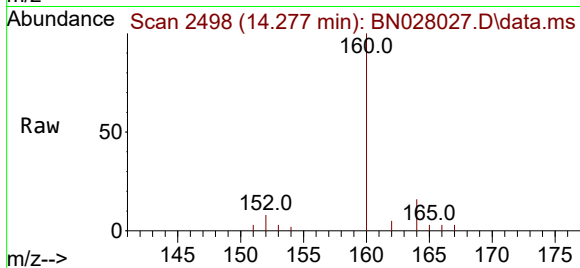
Tgt Ion:152 Resp: 29891

Ion Ratio Lower Upper

152 100

151 39.7 16.4 24.6#

153 40.3 10.9 16.3#



#11

Acenaphthene

Concen: 0.060 ng/ul

RT: 14.745 min Scan# 2599

Delta R.T. 0.088 min

Lab File: BN028027.D

Acq: 04 Oct 2023 01:53

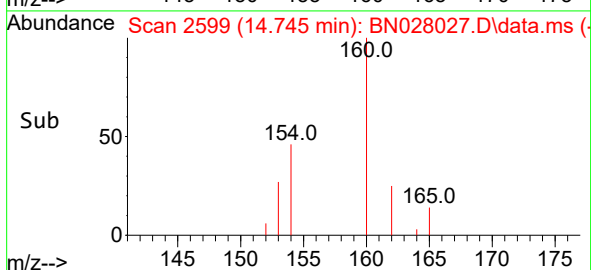
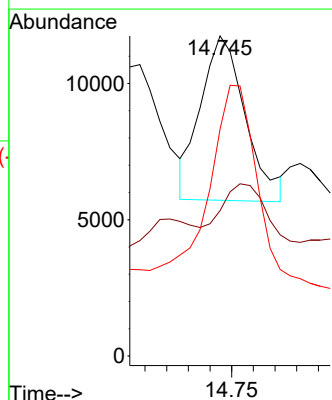
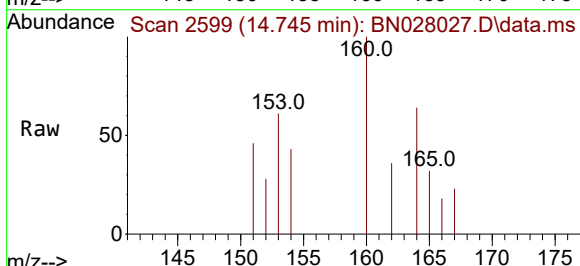
Tgt Ion:153 Resp: 8621

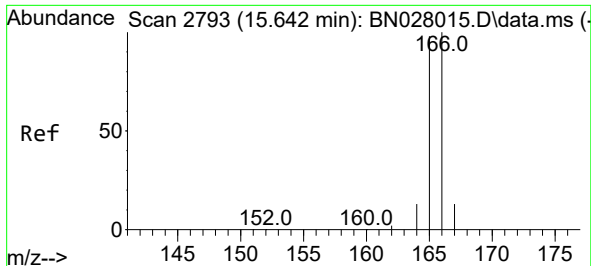
Ion Ratio Lower Upper

153 100

152 45.4 39.4 59.0

154 70.9 70.2 105.4





#12

Fluorene

Concen: 0.045 ng/ul

RT: 15.642 min Scan# 2793

Delta R.T. -0.000 min

Lab File: BN028027.D

Acq: 04 Oct 2023 01:53

Instrument :

BNA_N

ClientSampleId :

BBJR3RE

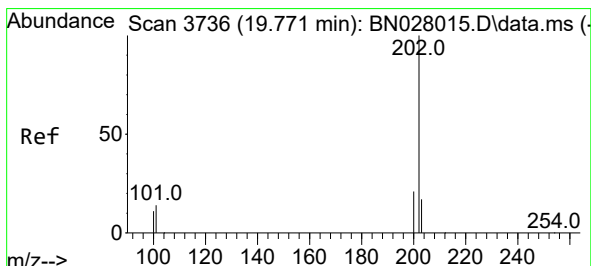
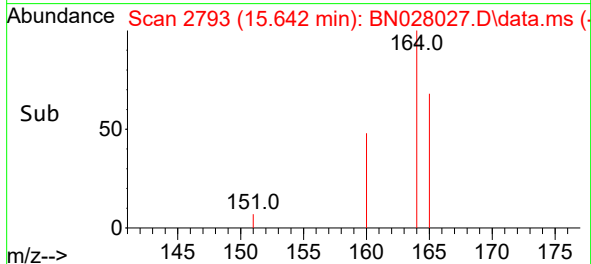
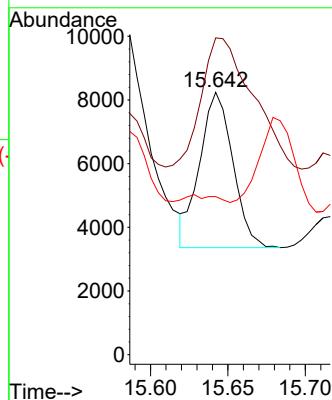
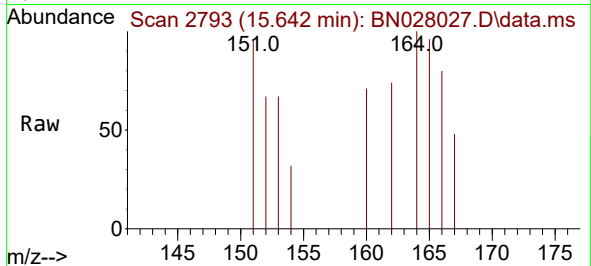
Tgt Ion:166 Resp: 7268

Ion Ratio Lower Upper

166 100

165 120.7 78.5 117.7#

167 60.2 11.2 16.8#



#20

Pyrene

Concen: 0.048 ng/ul

RT: 19.771 min Scan# 3736

Delta R.T. -0.000 min

Lab File: BN028027.D

Acq: 04 Oct 2023 01:53

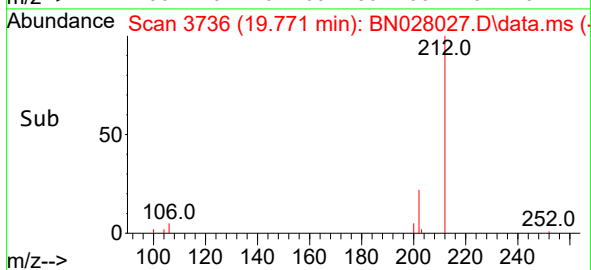
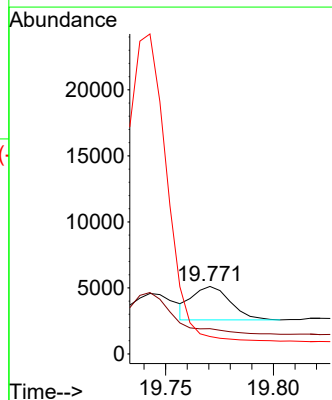
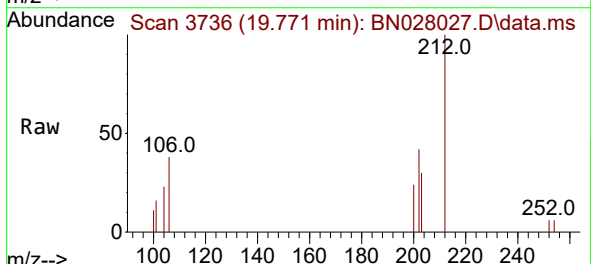
Tgt Ion:202 Resp: 3093

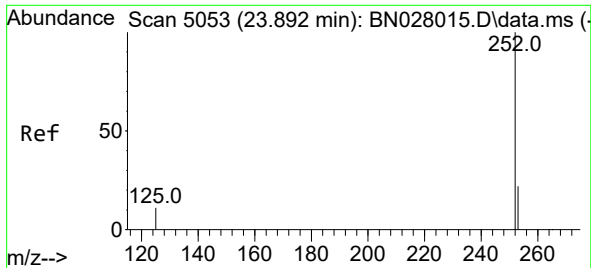
Ion Ratio Lower Upper

202 100

101 37.5 11.2 16.8#

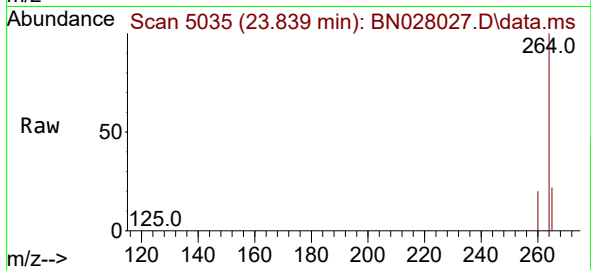
100 25.8 9.1 13.7#





#26
Benzo(a)pyrene
Concen: 0.101 ng/ul
RT: 23.839 min Scan# 50
Delta R.T. -0.056 min
Lab File: BN028027.D
Acq: 04 Oct 2023 01:53

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 5004
Ion Ratio Lower Upper
252 100
253 65.0 23.4 35.2#
125 67.7 15.3 22.9#

