

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
 Data File : BN032980.D
 Acq On : 25 Jul 2024 20:09
 Operator : MA/JU
 Sample : P3347-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAM0

Quant Time: Jul 26 01:18:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

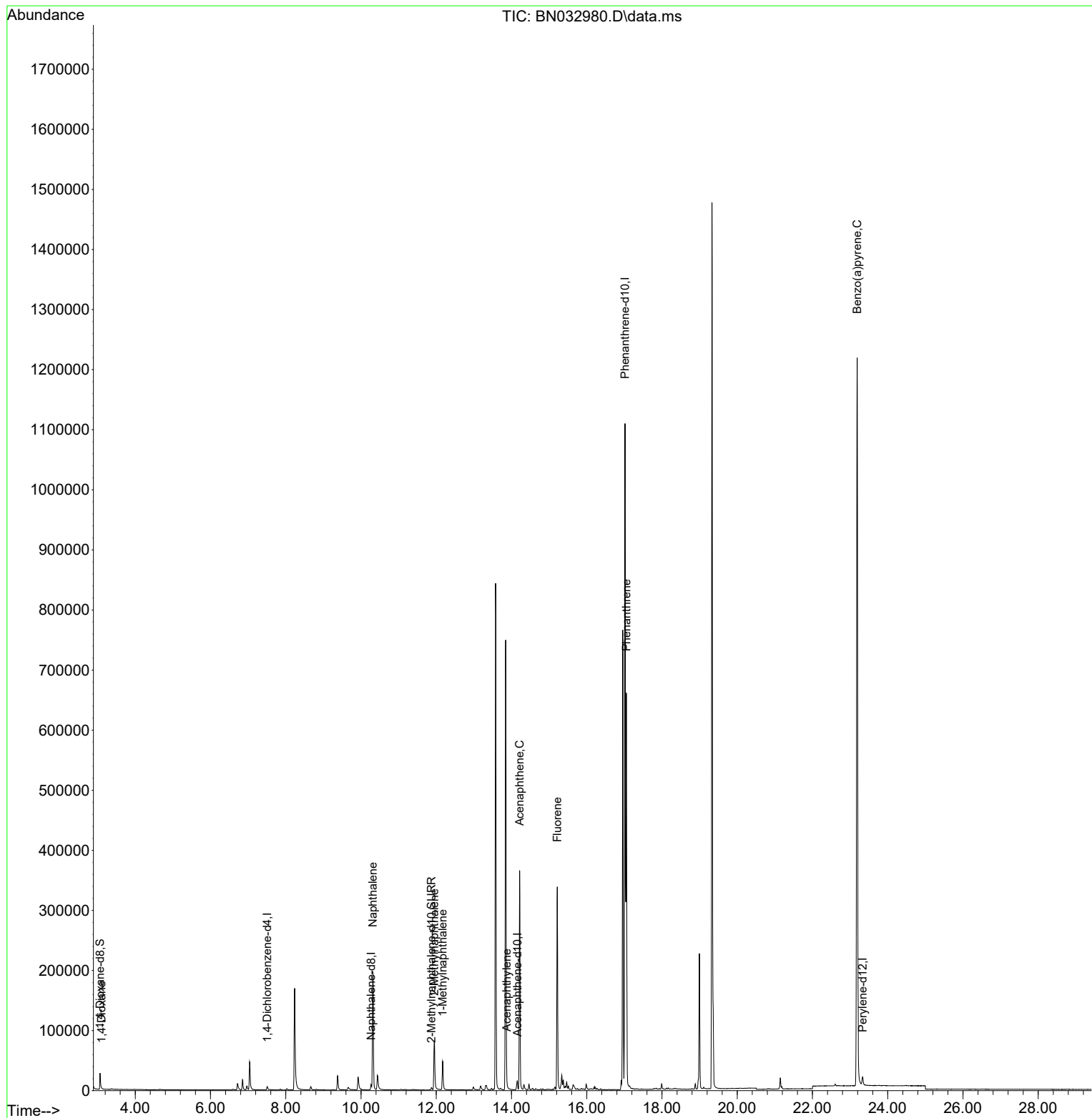
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.507	152	3645	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.267	136	12175	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.157	164	7884	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.017	188	1278528	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.16
23) Perylene-d12	23.331	264	24103	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	19141	4.151	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.873	152	6172	0.311	ng/ul	-0.04
18) Fluoranthene-d10	18.967	212	17319	0.000	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.102	88	474	0.090	ng/ul#	57
5) Naphthalene	10.317	128	279372	8.935	ng/ul#	92
7) 2-Methylnaphthalene	11.950	142	72795	3.437	ng/ul	96
8) 1-Methylnaphthalene	12.170	142	37891	1.654	ng/ul	100
10) Acenaphthylene	13.874	152	4048	0.125	ng/ul#	86
11) Acenaphthene	14.217	153	213108	8.781	ng/ul	98
12) Fluorene	15.216	166	226604	8.011	ng/ul	98
15) Phenanthrene	17.055	178	707221	0.206	ng/ul	97
26) Benzo(a)pyrene	23.188	252	6118	0.092	ng/ul#	64

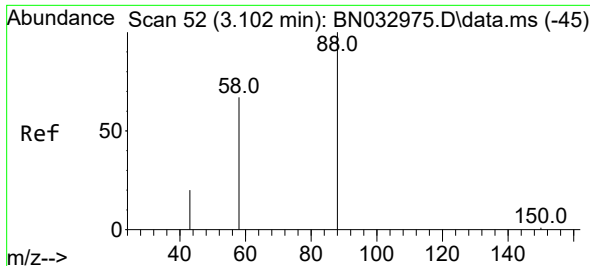
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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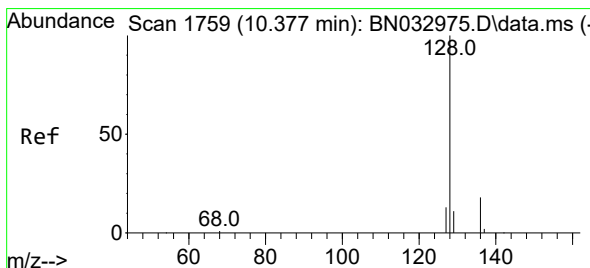
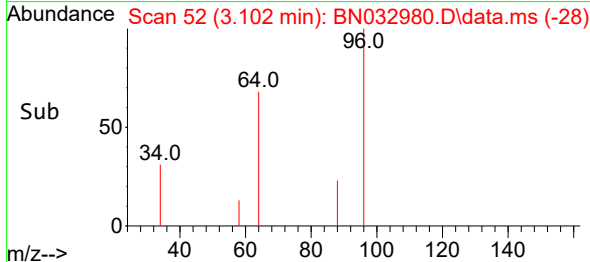
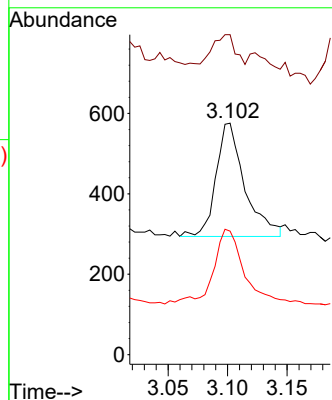
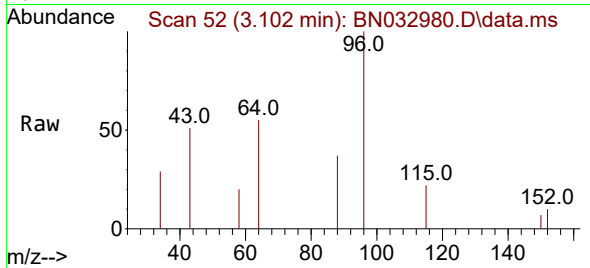




#2
1,4-Dioxane
Concen: 0.090 ng/ul
RT: 3.102 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN032980.D
Acq: 25 Jul 2024 20:09

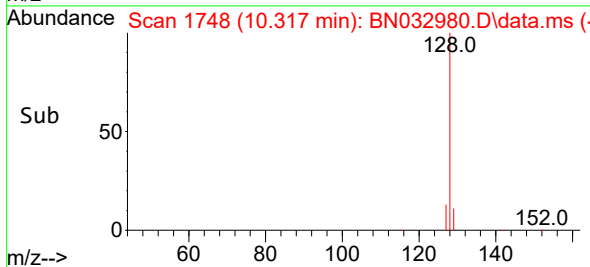
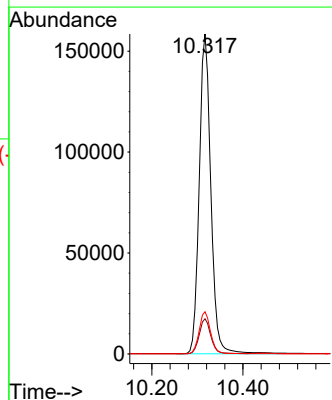
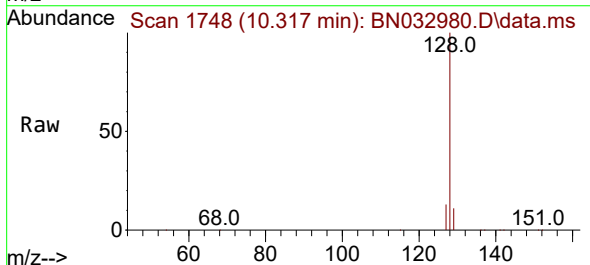
Instrument :
BNA_N
ClientSampleId :
COAM0

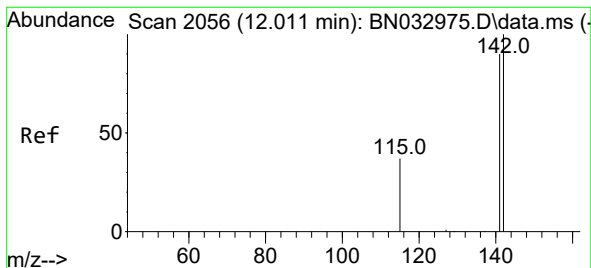
Tgt Ion: 88 Resp: 474
Ion Ratio Lower Upper
88 100
43 138.2 63.4 95.2#
58 53.3 49.4 74.0



#5
Naphthalene
Concen: 8.935 ng/ul
RT: 10.317 min Scan# 1748
Delta R.T. -0.033 min
Lab File: BN032980.D
Acq: 25 Jul 2024 20:09

Tgt Ion:128 Resp: 279372
Ion Ratio Lower Upper
128 100
129 11.0 12.0 18.0#
127 13.2 12.7 19.1





#7

2-Methylnaphthalene

Concen: 3.437 ng/ul

RT: 11.950 min Scan# 2045

Delta R.T. -0.033 min

Lab File: BN032980.D

Acq: 25 Jul 2024 20:09

Instrument :

BNA_N

ClientSampleId :

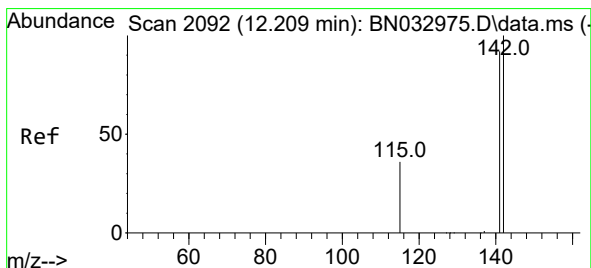
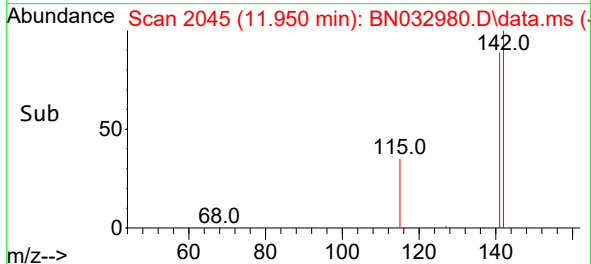
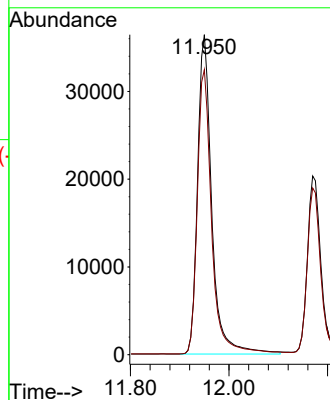
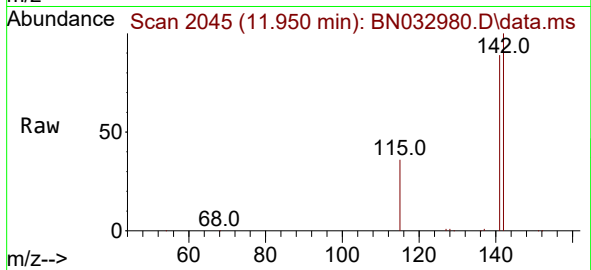
COAM0

Tgt Ion:142 Resp: 72795

Ion Ratio Lower Upper

142 100

141 89.9 75.2 112.8



#8

1-Methylnaphthalene

Concen: 1.654 ng/ul

RT: 12.170 min Scan# 2085

Delta R.T. -0.028 min

Lab File: BN032980.D

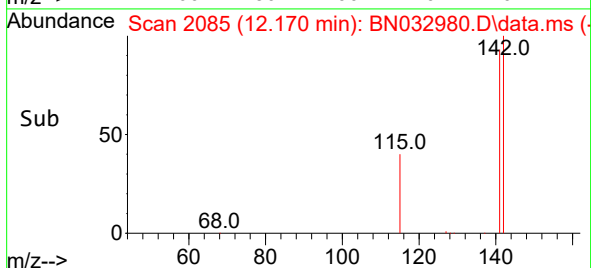
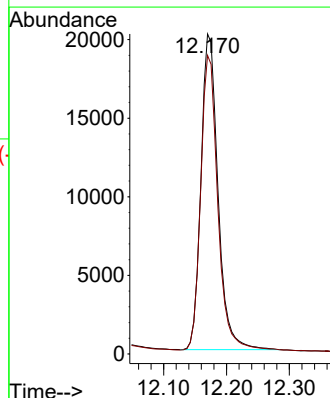
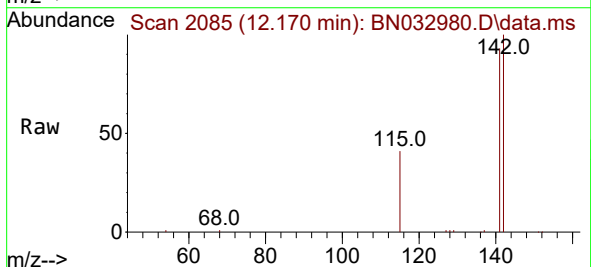
Acq: 25 Jul 2024 20:09

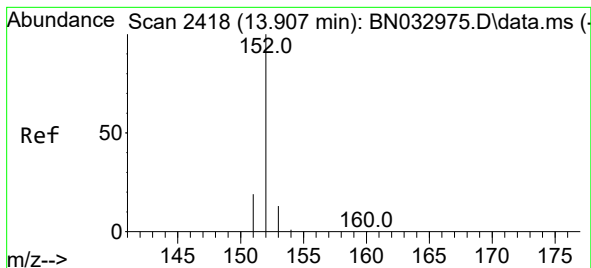
Tgt Ion:142 Resp: 37891

Ion Ratio Lower Upper

142 100

141 93.4 74.3 111.5





#10

Acenaphthylene

Concen: 0.125 ng/ul

RT: 13.874 min Scan# 2418

Delta R.T. -0.023 min

Lab File: BN032980.D

Acq: 25 Jul 2024 20:09

Instrument :

BNA_N

ClientSampleId :

COAM0

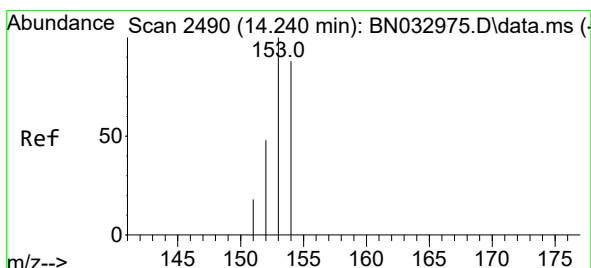
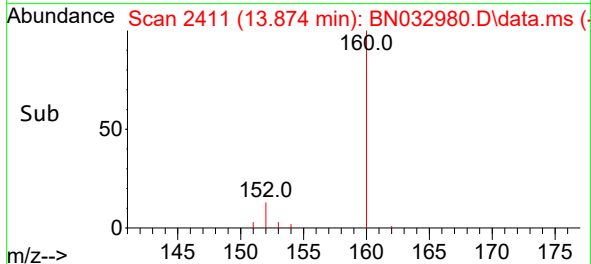
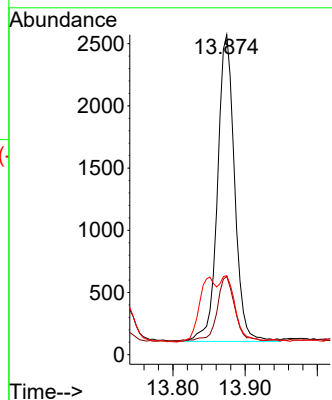
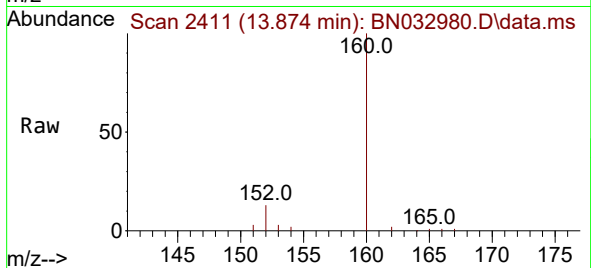
Tgt Ion:152 Resp: 4048

Ion Ratio Lower Upper

152 100

151 24.5 16.8 25.2

153 24.7 11.9 17.9#



#11

Acenaphthene

Concen: 8.781 ng/ul

RT: 14.217 min Scan# 2485

Delta R.T. -0.019 min

Lab File: BN032980.D

Acq: 25 Jul 2024 20:09

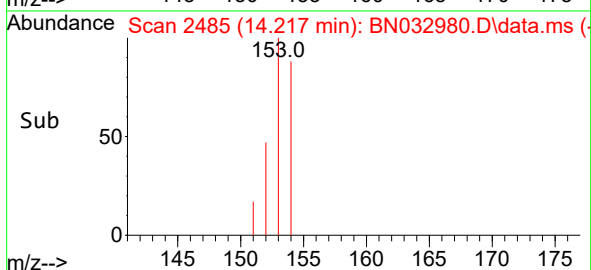
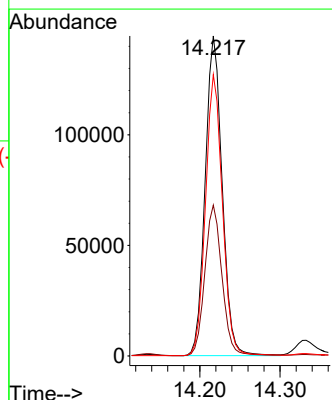
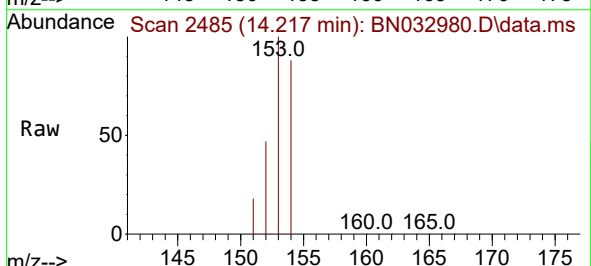
Tgt Ion:153 Resp: 213108

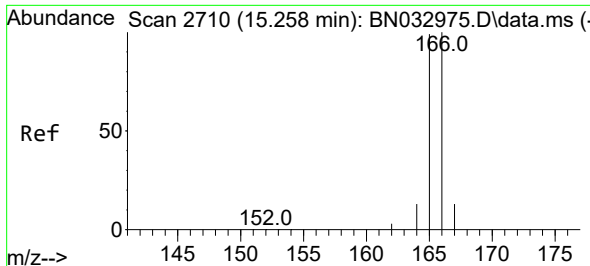
Ion Ratio Lower Upper

153 100

152 47.1 40.0 60.0

154 87.9 70.1 105.1

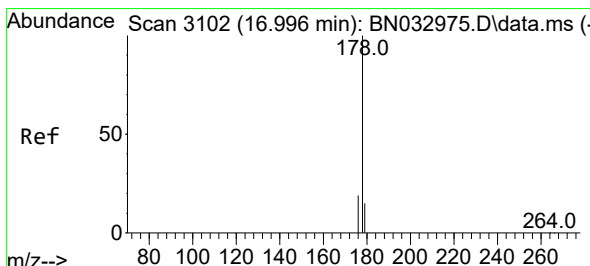
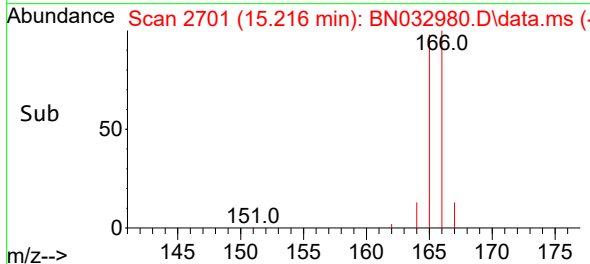
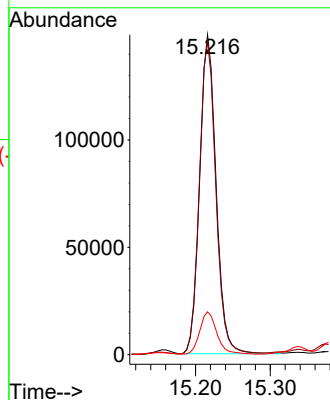
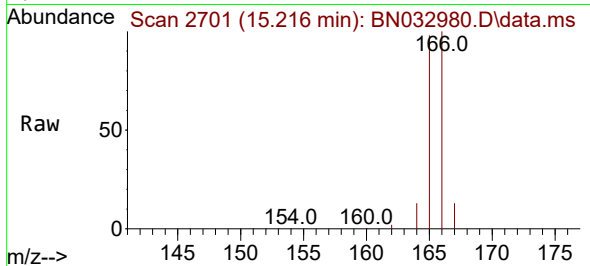




#12
Fluorene
Concen: 8.011 ng/ul
RT: 15.216 min Scan# 2116
Delta R.T. -0.028 min
Lab File: BN032980.D
Acq: 25 Jul 2024 20:09

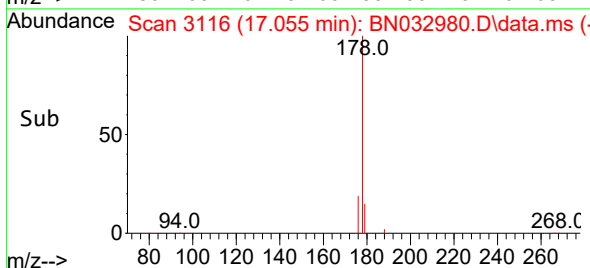
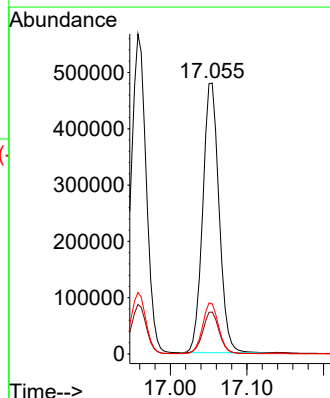
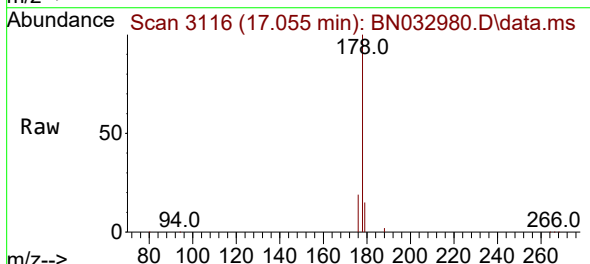
Instrument :
BNA_N
ClientSampleId :
COAM0

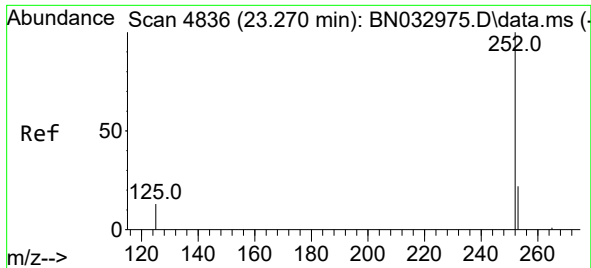
Tgt Ion:166 Resp: 226604
Ion Ratio Lower Upper
166 100
165 97.9 79.6 119.4
167 13.4 12.2 18.4



#15
Phenanthrene
Concen: 0.206 ng/ul
RT: 17.055 min Scan# 3116
Delta R.T. 0.067 min
Lab File: BN032980.D
Acq: 25 Jul 2024 20:09

Tgt Ion:178 Resp: 707221
Ion Ratio Lower Upper
178 100
179 15.5 13.7 20.5
176 18.6 15.9 23.9





#26

Benzo(a)pyrene

Concen: 0.092 ng/ul

RT: 23.188 min Scan# 41

Delta R.T. -0.073 min

Lab File: BN032980.D

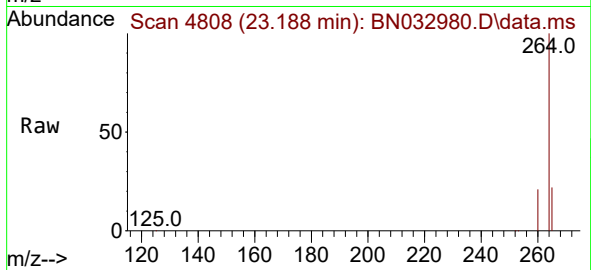
Acq: 25 Jul 2024 20:09

Instrument :

BNA_N

ClientSampleId :

COAM0



Tgt Ion:252 Resp: 6118

Ion Ratio Lower Upper

252 100

253 53.8 27.5 41.3#

125 55.2 27.0 40.6#

