

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033076.D
 Acq On : 29 Jul 2024 20:14
 Operator : MA/JU
 Sample : P3347-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX6

Quant Time: Jul 29 23:07:38 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 : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

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

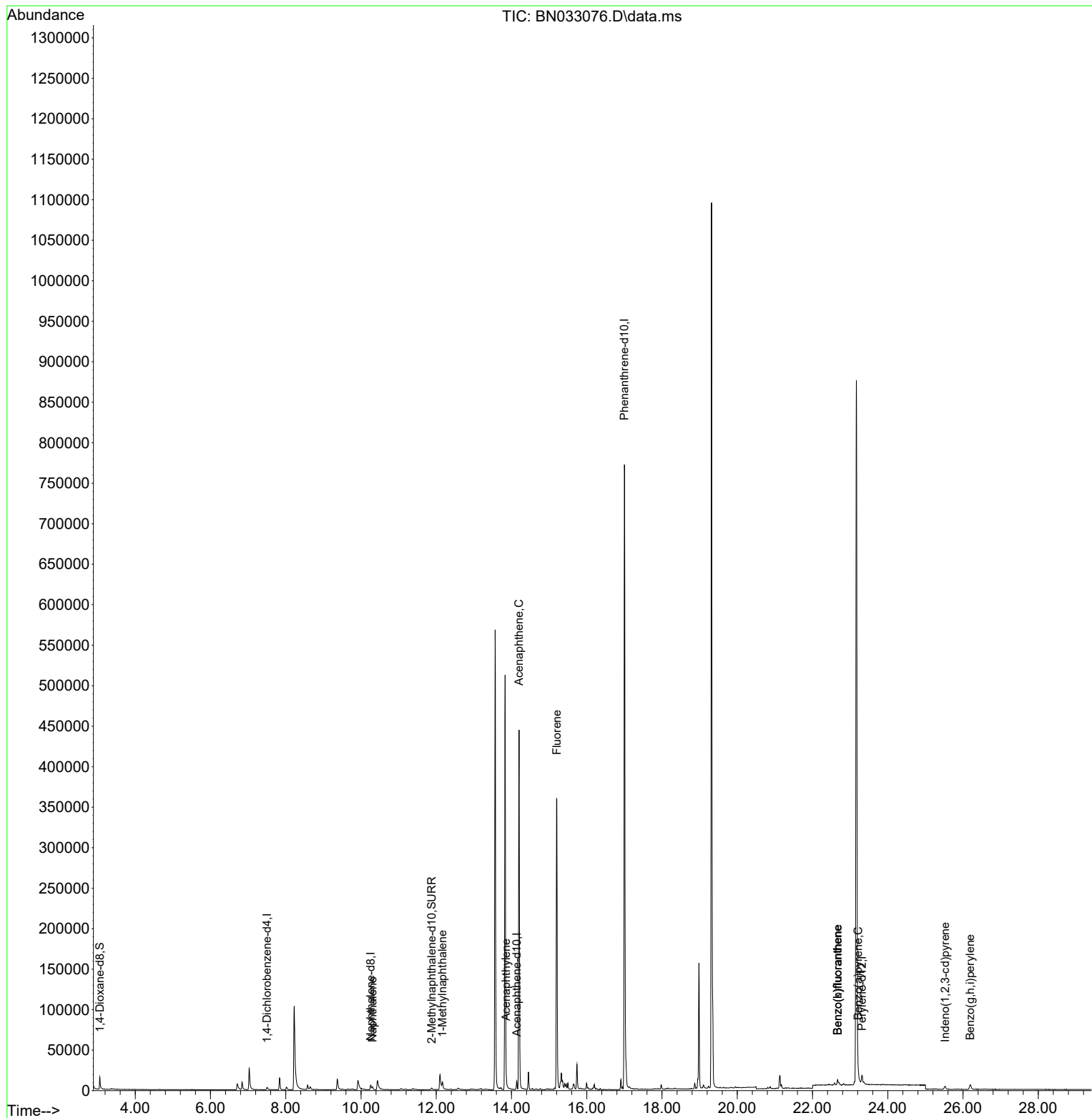
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.503	152	2335	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.256	136	8416	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.139	164	5882	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	17.000	188	924279	0.400	ng/ul	0.06
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.16
23) Perylene-d12	23.314	264	20343	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	11292	3.823	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.879	152	3983	0.290	ng/ul	-0.03
18) Fluoranthene-d10	18.949	212	12811	0.000	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.306	128	5106	0.236	ng/ul	97
8) 1-Methylnaphthalene	12.165	142	8092	0.511	ng/ul#	75
10) Acenaphthylene	13.856	152	6912	0.287	ng/ul#	84
11) Acenaphthene	14.199	153	267989	14.800	ng/ul	98
12) Fluorene	15.203	166	257574	12.205	ng/ul	98
24) Benzo(b)fluoranthene	22.665	252	12862	0.216	ng/ul	85
25) Benzo(k)fluoranthene	22.665	252	12862	0.181	ng/ul#	86
26) Benzo(a)pyrene	23.212	252	6595	0.118	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.524	276	7370	0.087	ng/ul#	95
29) Benzo(g,h,i)perylene	26.191	276	12646	0.187	ng/ul	97

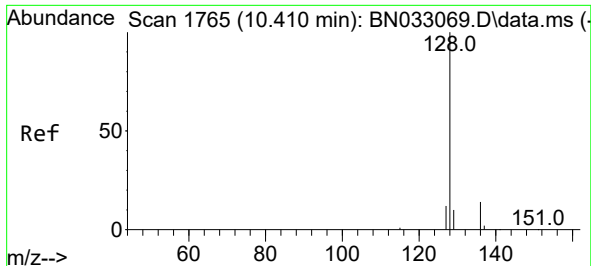
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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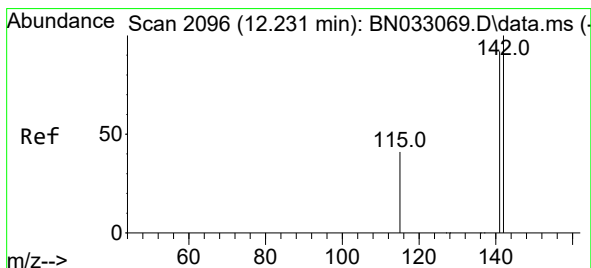
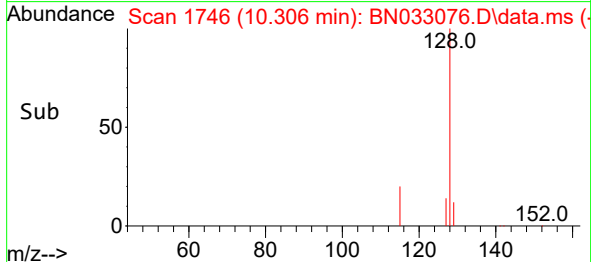
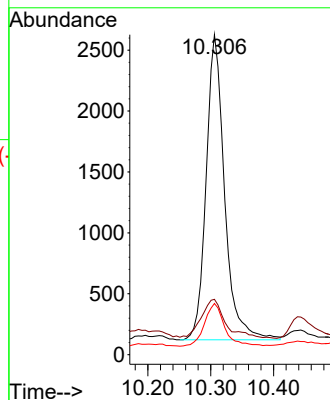
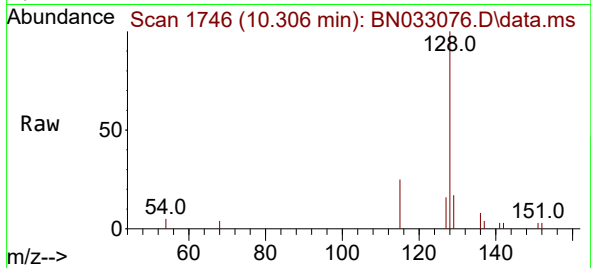




#5
Naphthalene
Concen: 0.236 ng/ul
RT: 10.306 min Scan# 1765
Delta R.T. -0.044 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

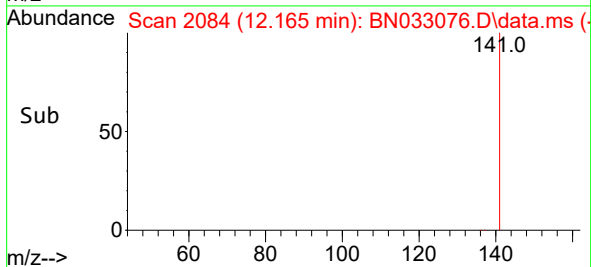
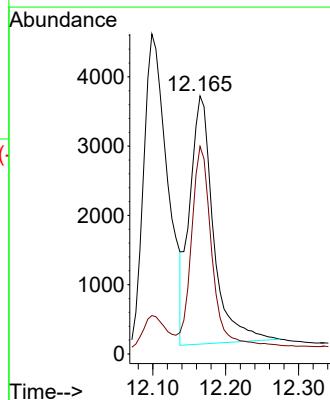
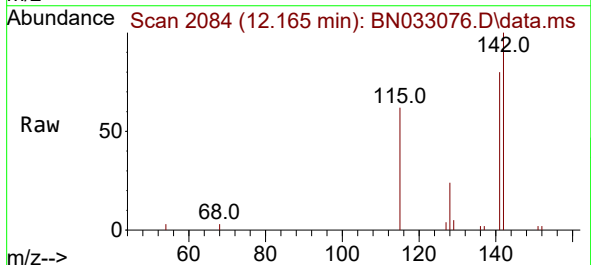
Instrument :
BNA_N
ClientSampleId :
C0AX6

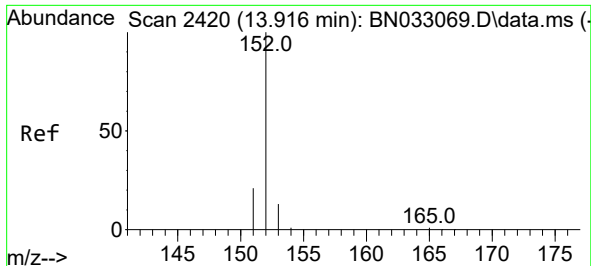
Tgt Ion:128 Resp: 5106
Ion Ratio Lower Upper
128 100
129 17.3 12.0 18.0
127 16.0 12.7 19.1



#8
1-Methylnaphthalene
Concen: 0.511 ng/ul
RT: 12.165 min Scan# 2084
Delta R.T. -0.033 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

Tgt Ion:142 Resp: 8092
Ion Ratio Lower Upper
142 100
141 68.5 74.3 111.5#

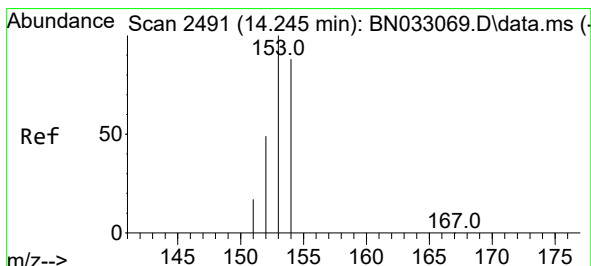
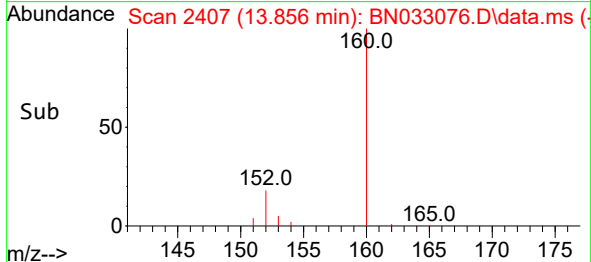
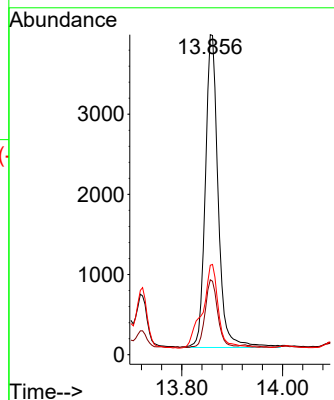
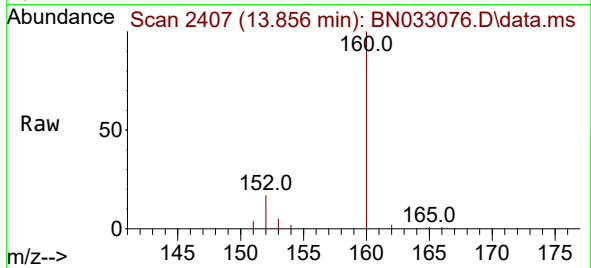




#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.041 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

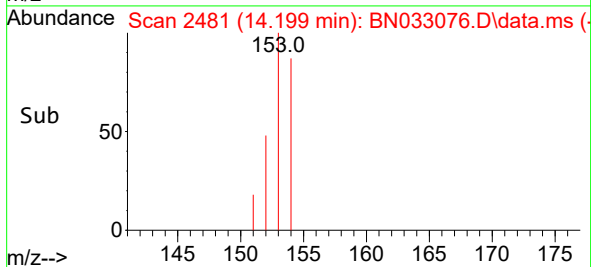
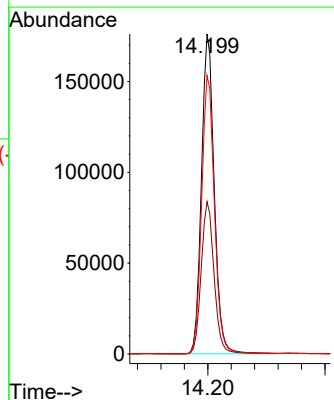
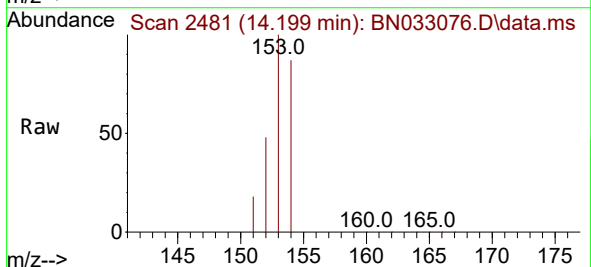
Instrument :
BNA_N
ClientSampleId :
C0AX6

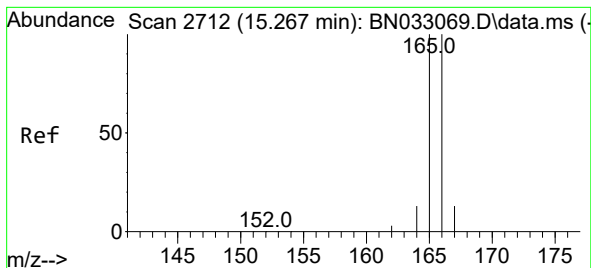
Tgt Ion:152 Resp: 6912
Ion Ratio Lower Upper
152 100
151 23.4 16.8 25.2
153 27.9 11.9 17.9#



#11
Acenaphthene
Concen: 14.800 ng/ul
RT: 14.199 min Scan# 2481
Delta R.T. -0.037 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

Tgt Ion:153 Resp: 267989
Ion Ratio Lower Upper
153 100
152 47.6 40.0 60.0
154 87.0 70.1 105.1





#12

Fluorene

Concen: 12.205 ng/ul

RT: 15.203 min Scan# 2

Delta R.T. -0.041 min

Lab File: BN033076.D

Acq: 29 Jul 2024 20:14

Instrument :

BNA_N

ClientSampleId :

C0AX6

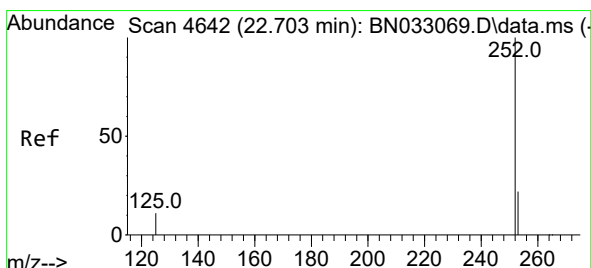
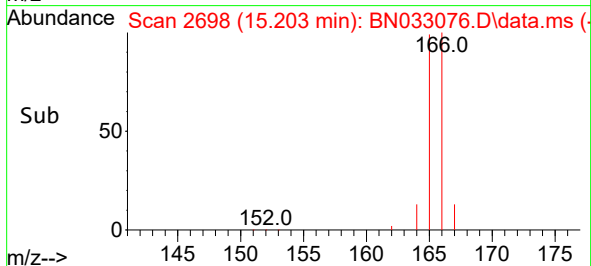
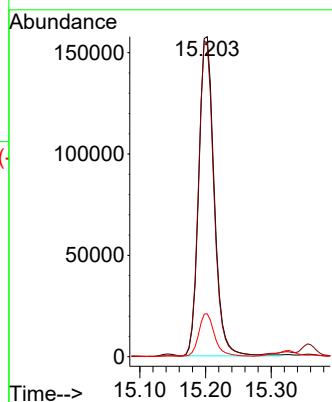
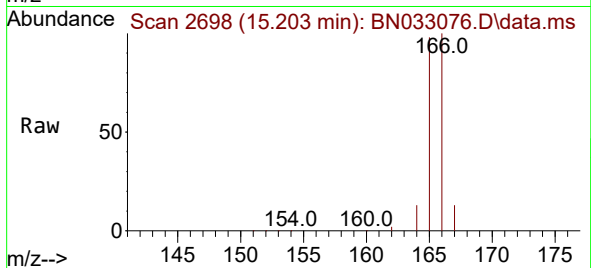
Tgt Ion:166 Resp: 257574

Ion Ratio Lower Upper

166 100

165 98.0 79.6 119.4

167 13.4 12.2 18.4



#24

Benzo(b)fluoranthene

Concen: 0.216 ng/ul

RT: 22.665 min Scan# 4629

Delta R.T. -0.029 min

Lab File: BN033076.D

Acq: 29 Jul 2024 20:14

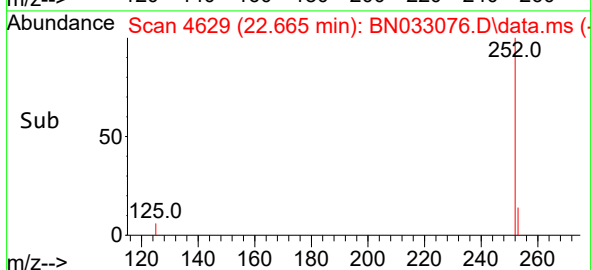
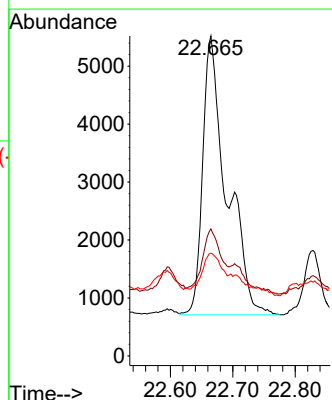
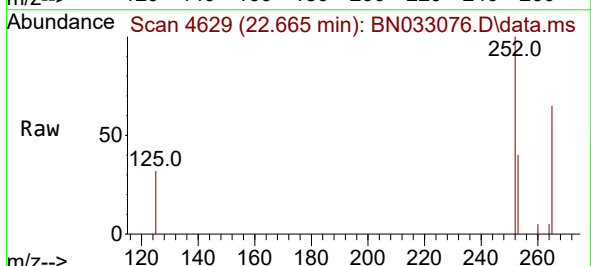
Tgt Ion:252 Resp: 12862

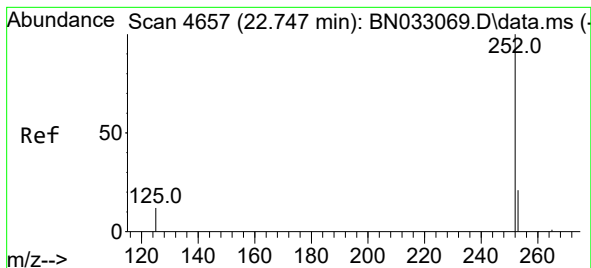
Ion Ratio Lower Upper

252 100

253 39.7 0.0 60.6

125 32.1 0.0 51.0





#25

Benzo(k)fluoranthene

Concen: 0.181 ng/ul

RT: 22.665 min Scan# 4

Delta R.T. -0.070 min

Lab File: BN033076.D

Acq: 29 Jul 2024 20:14

Instrument :

BNA_N

ClientSampleId :

C0AX6

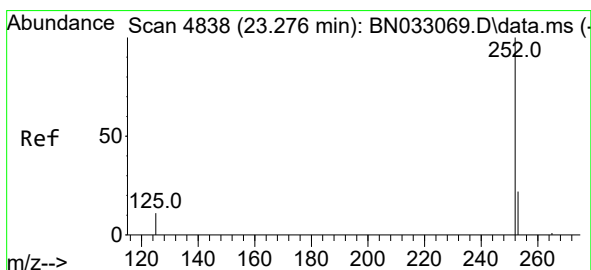
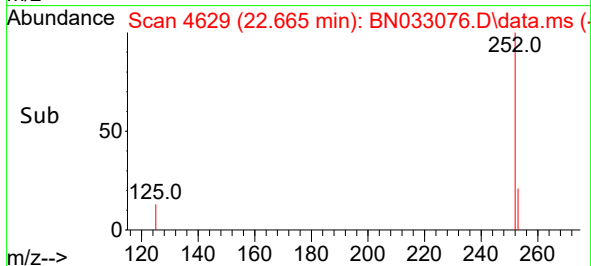
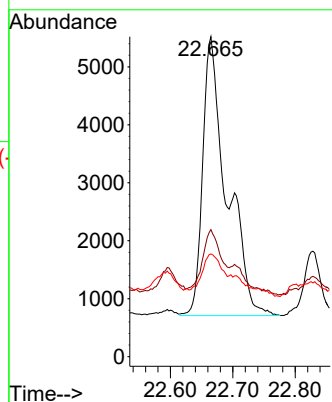
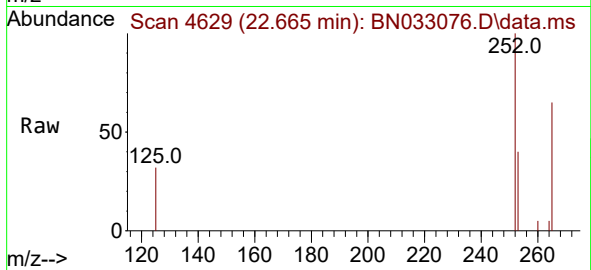
Tgt Ion:252 Resp: 12862

Ion Ratio Lower Upper

252 100

253 39.7 24.9 37.3#

125 32.1 20.9 31.3#



#26

Benzo(a)pyrene

Concen: 0.118 ng/ul

RT: 23.212 min Scan# 4816

Delta R.T. -0.050 min

Lab File: BN033076.D

Acq: 29 Jul 2024 20:14

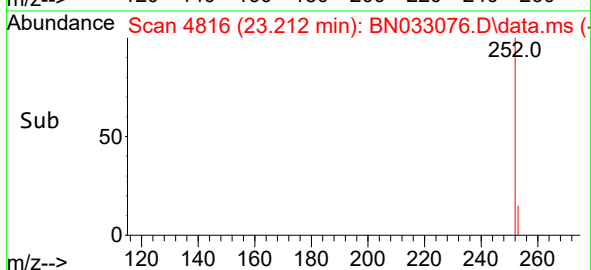
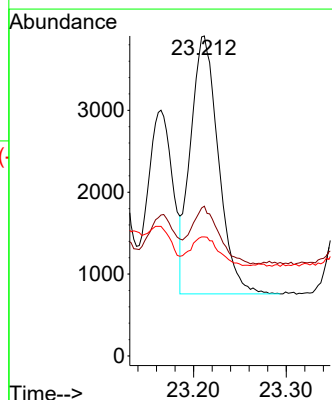
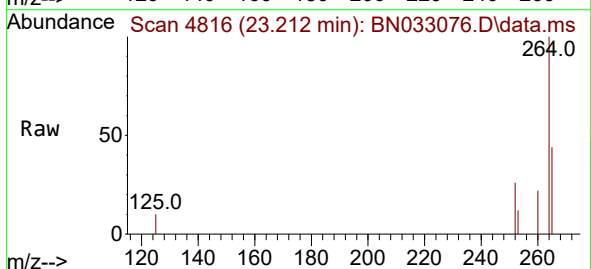
Tgt Ion:252 Resp: 6595

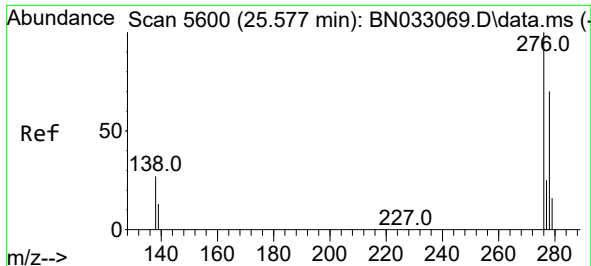
Ion Ratio Lower Upper

252 100

253 46.8 27.5 41.3#

125 37.2 27.0 40.6

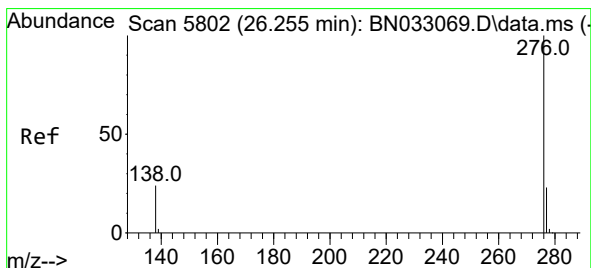
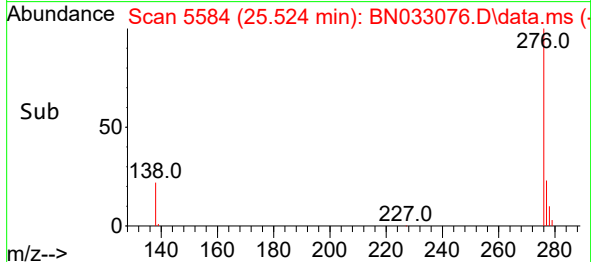
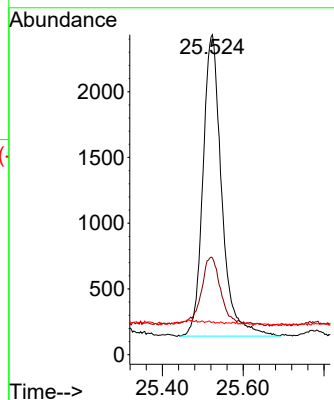
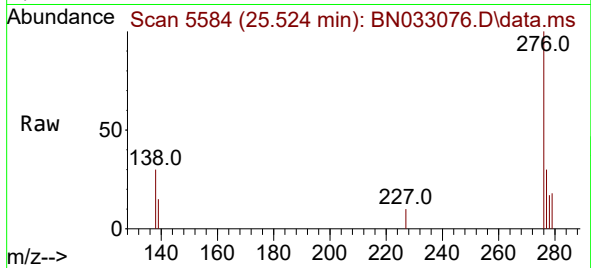




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng/ul
RT: 25.524 min Scan# 51
Delta R.T. -0.037 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

Instrument :
BNA_N
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Tgt Ion:276 Resp: 7370
Ion Ratio Lower Upper
276 100
138 24.7 21.8 32.8
227 0.0 0.2 0.2#



#29
Benzo(g,h,i)perylene
Concen: 0.187 ng/ul
RT: 26.191 min Scan# 5783
Delta R.T. -0.050 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

Tgt Ion:276 Resp: 12646
Ion Ratio Lower Upper
276 100
138 28.7 24.6 37.0
277 27.5 22.6 34.0

