

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032544.D
 Acq On : 06 Jul 2024 13:37
 Operator : MA/JU
 Sample : P2982-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CF5

Quant Time: Jul 07 23:45:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

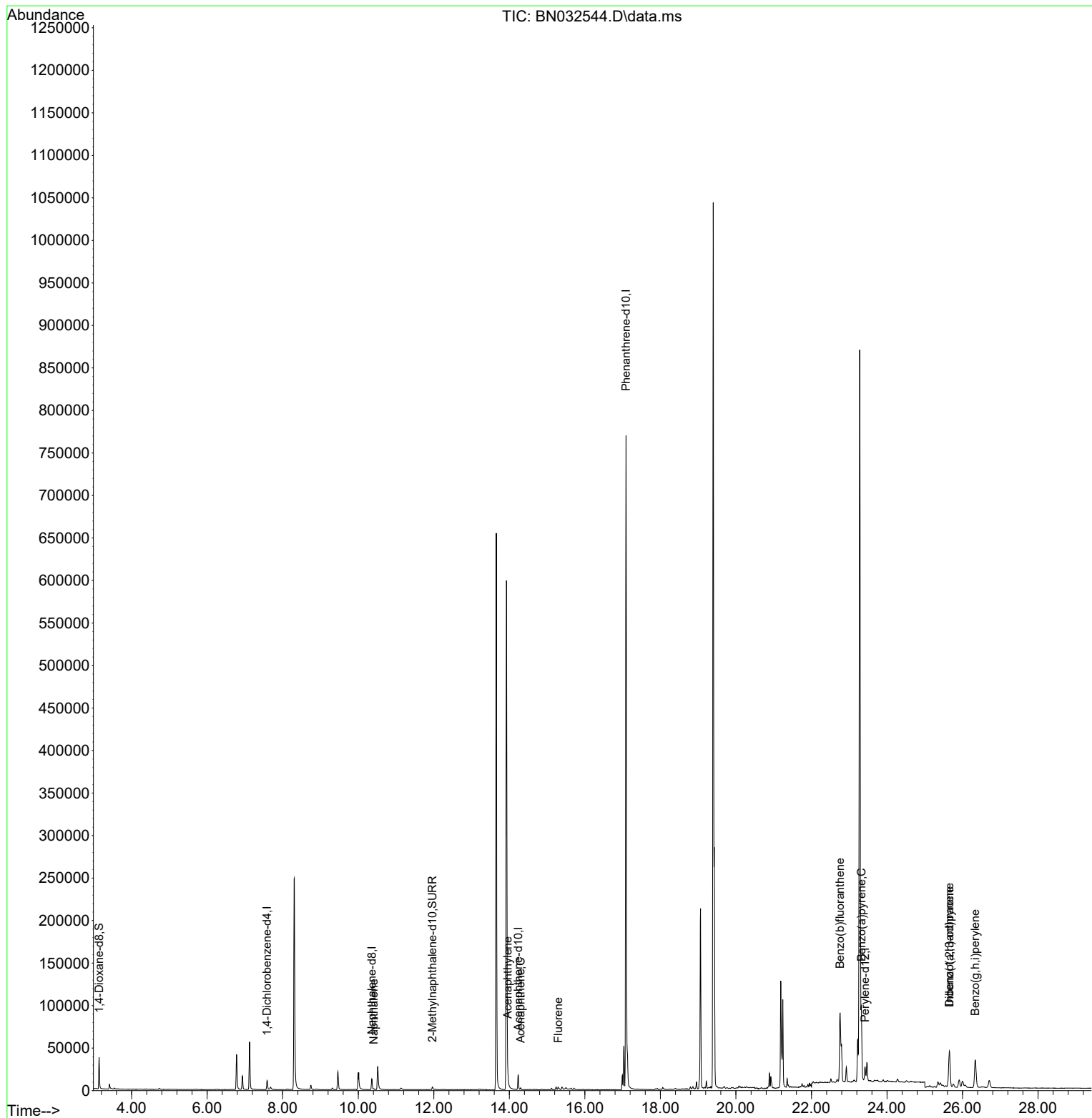
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	6184	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.358	136	17957	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.233	164	10125	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.091	188	926564	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.21
23) Perylene-d12	23.417	264	24736	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	25854	3.761	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.964	152	5458	0.203	ng/ul	-0.01
18) Fluoranthene-d10	19.030	212	11677	0.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.408	128	1442	0.030	ng/ul#	76
10) Acenaphthylene	13.956	152	21641	0.514	ng/ul	98
11) Acenaphthene	14.298	153	1449	0.044	ng/ul#	93
12) Fluorene	15.293	166	2686	0.069	ng/ul#	95
24) Benzo(b)fluoranthene	22.756	252	183848	1.711	ng/ul	97
26) Benzo(a)pyrene	23.320	252	111362	1.489	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.651	276	72313	0.618	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.655	278	17211	0.198	ng/ul#	77
29) Benzo(g,h,i)perylene	26.336	276	67808	0.727	ng/ul	99

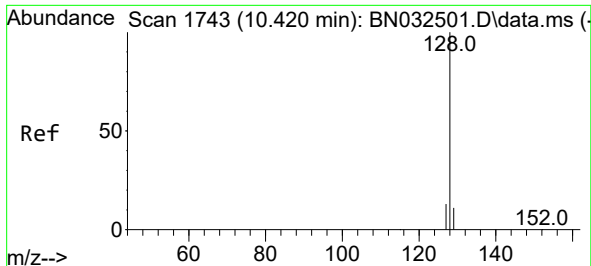
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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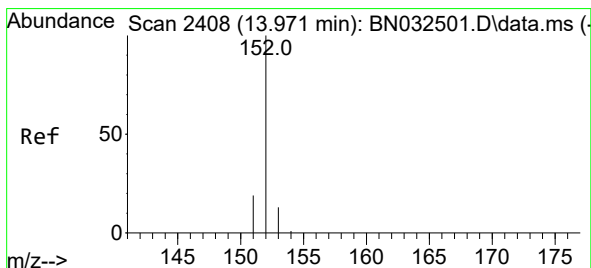
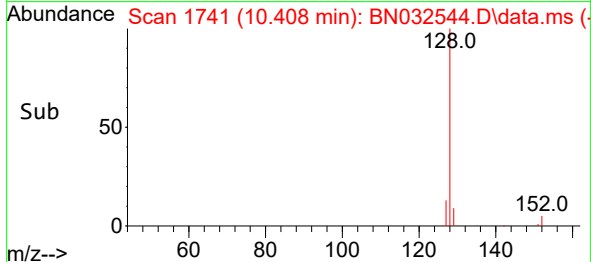
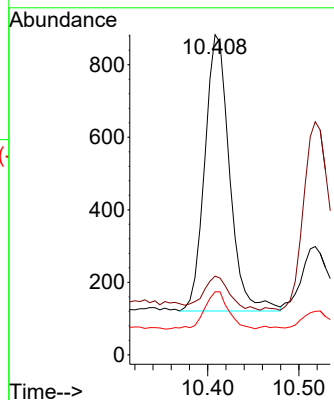
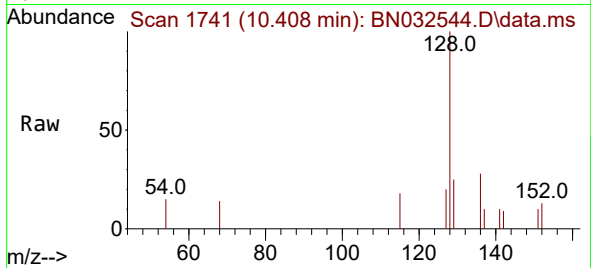




#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.408 min Scan# 1741
Delta R.T. -0.023 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

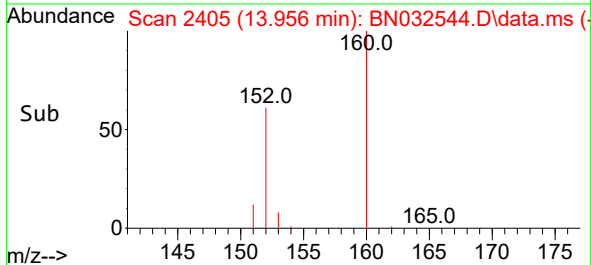
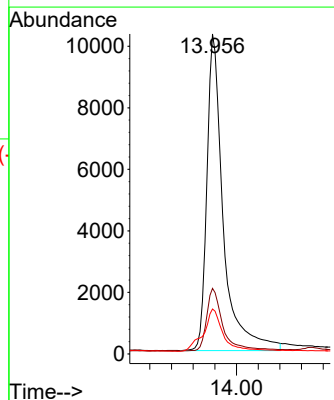
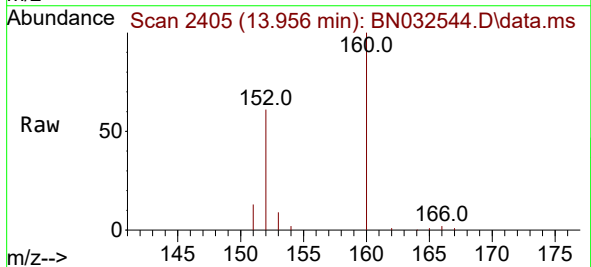
Instrument :
BNA_N
ClientSampleId :
A4CF5

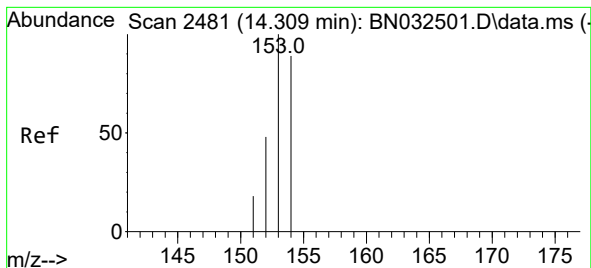
Tgt Ion:128 Resp: 1442
Ion Ratio Lower Upper
128 100
129 24.6 9.2 13.8#
127 19.7 10.8 16.2#



#10
Acenaphthylene
Concen: 0.514 ng/ul
RT: 13.956 min Scan# 2405
Delta R.T. -0.015 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

Tgt Ion:152 Resp: 21641
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 14.1 10.9 16.3





#11

Acenaphthene

Concen: 0.044 ng/ul

RT: 14.298 min Scan# 2479

Delta R.T. -0.015 min

Lab File: BN032544.D

Acq: 06 Jul 2024 13:37

Instrument :

BNA_N

ClientSampleId :

A4CF5

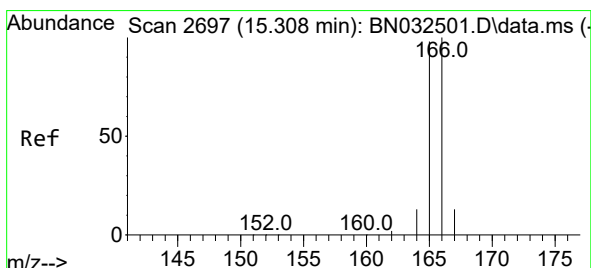
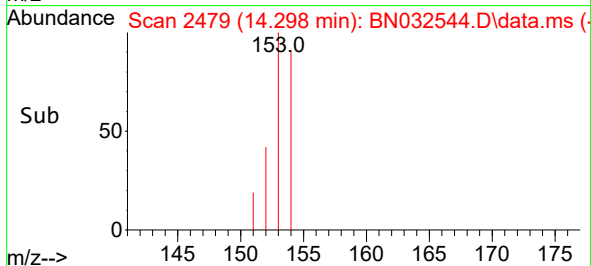
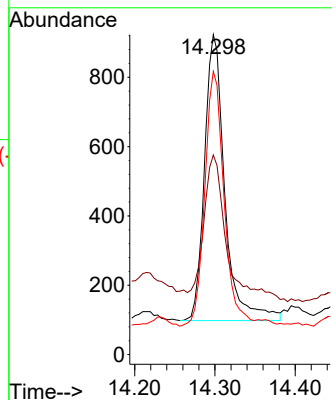
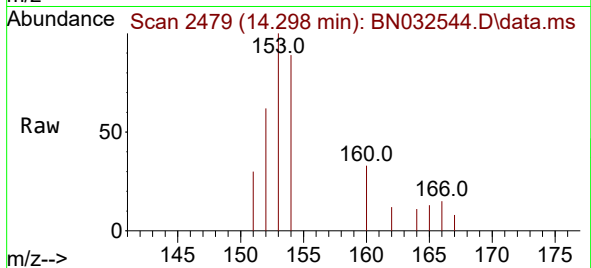
Tgt Ion:153 Resp: 1449

Ion Ratio Lower Upper

153 100

152 62.4 39.5 59.3#

154 88.5 71.7 107.5



#12

Fluorene

Concen: 0.069 ng/ul

RT: 15.293 min Scan# 2694

Delta R.T. -0.020 min

Lab File: BN032544.D

Acq: 06 Jul 2024 13:37

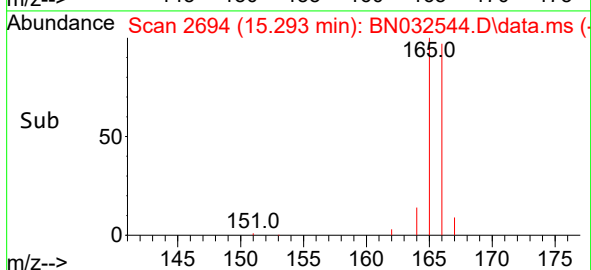
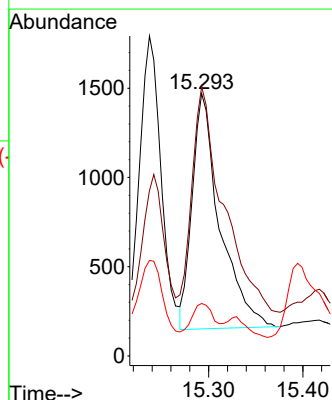
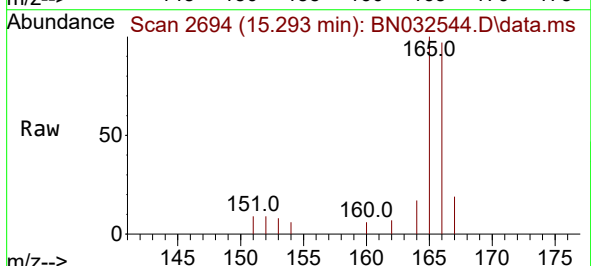
Tgt Ion:166 Resp: 2686

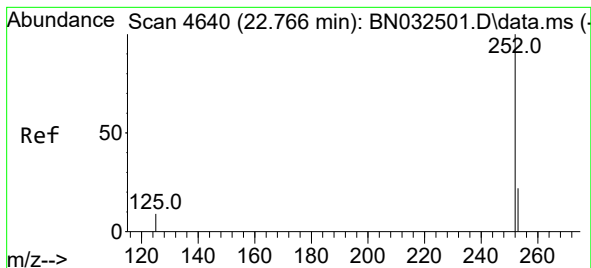
Ion Ratio Lower Upper

166 100

165 102.7 79.0 118.6

167 20.0 11.0 16.6#





#24

Benzo(b)fluoranthene

Concen: 1.711 ng/ul

RT: 22.756 min Scan# 4637

Delta R.T. -0.001 min

Lab File: BN032544.D

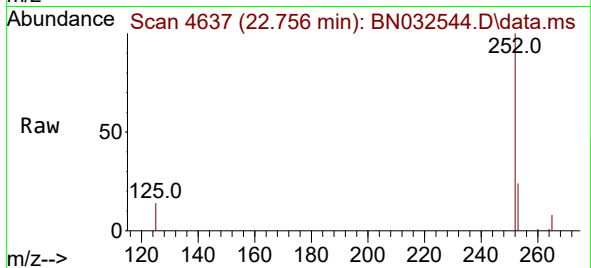
Acq: 06 Jul 2024 13:37

Instrument :

BNA_N

ClientSampleId :

A4CF5



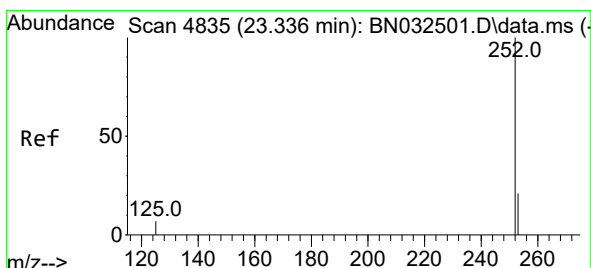
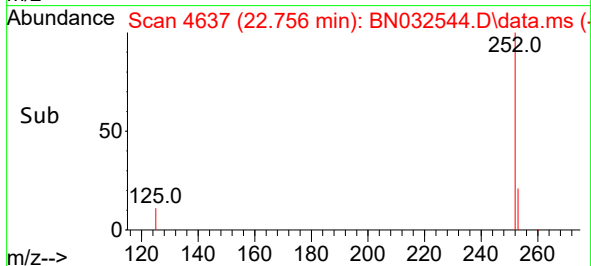
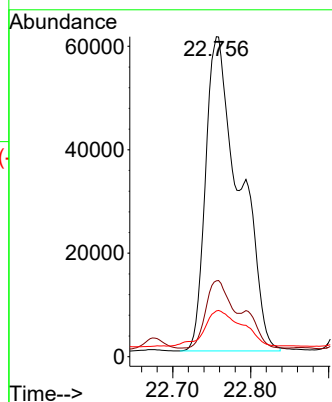
Tgt Ion:252 Resp: 183848

Ion Ratio Lower Upper

252 100

253 23.7 0.0 50.2

125 14.3 0.0 32.0



#26

Benzo(a)pyrene

Concen: 1.489 ng/ul

RT: 23.320 min Scan# 4830

Delta R.T. -0.007 min

Lab File: BN032544.D

Acq: 06 Jul 2024 13:37

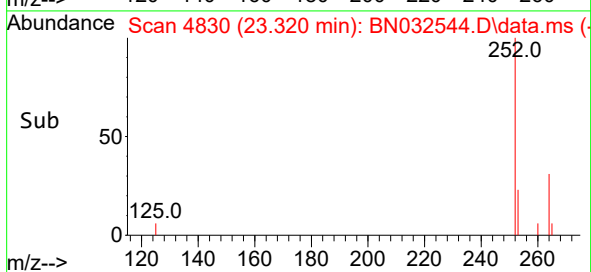
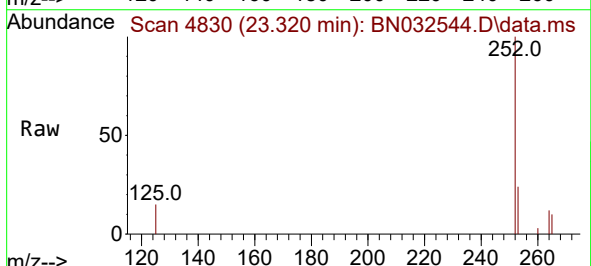
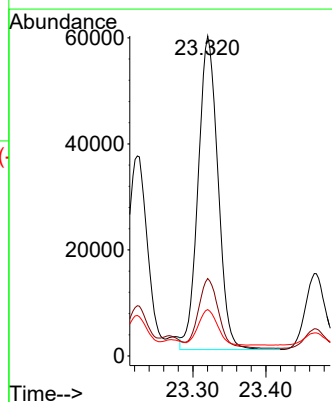
Tgt Ion:252 Resp: 111362

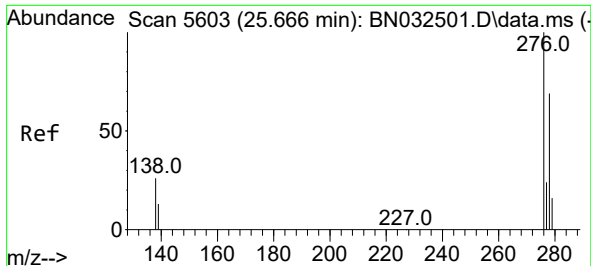
Ion Ratio Lower Upper

252 100

253 24.2 22.2 33.2

125 14.5 16.4 24.6#

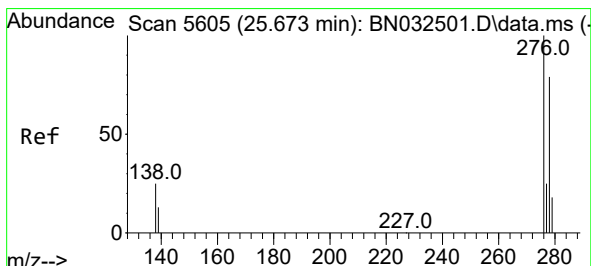
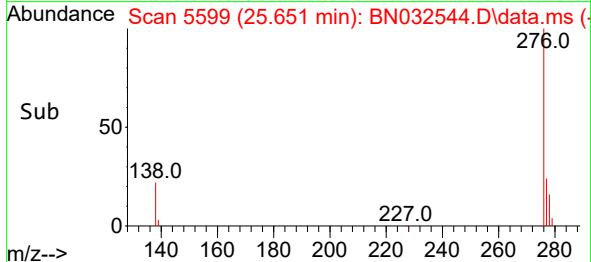
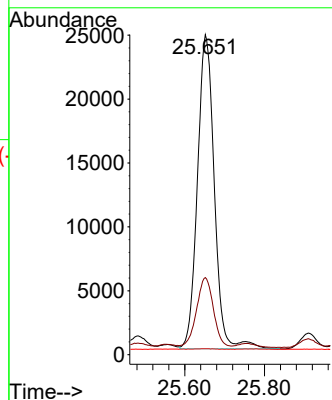
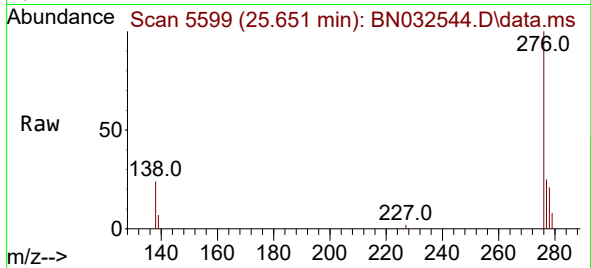




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.618 ng/ul
 RT: 25.651 min Scan# 5599
 Delta R.T. -0.008 min
 Lab File: BN032544.D
 Acq: 06 Jul 2024 13:37

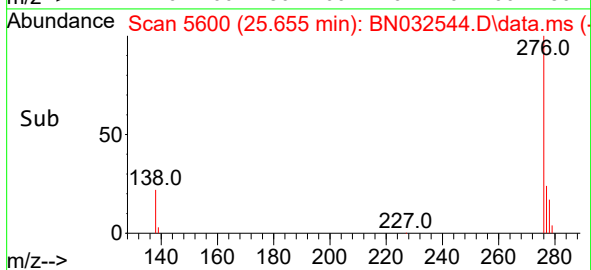
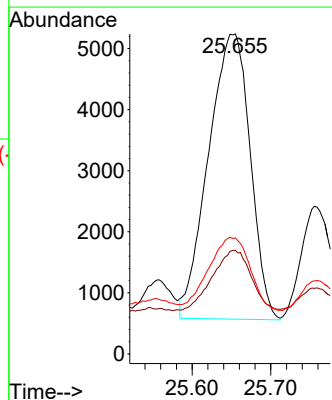
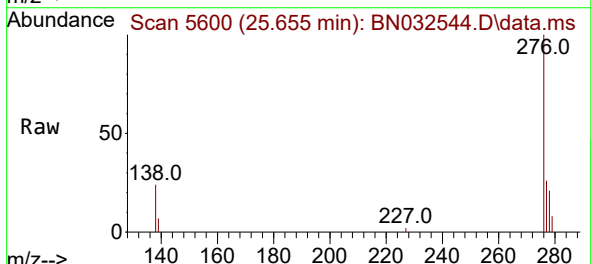
Instrument :
 BNA_N
 ClientSampleId :
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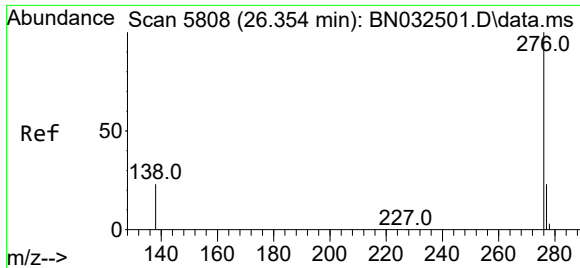
Tgt Ion:276 Resp: 72313
 Ion Ratio Lower Upper
 276 100
 138 21.8 21.3 31.9
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.198 ng/ul
 RT: 25.655 min Scan# 5600
 Delta R.T. -0.011 min
 Lab File: BN032544.D
 Acq: 06 Jul 2024 13:37

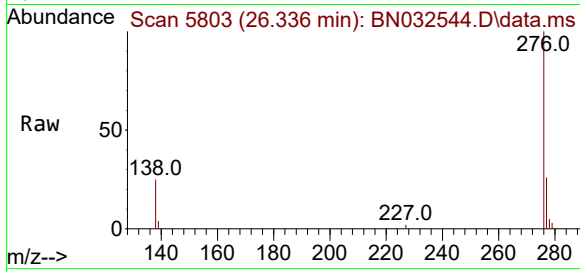
Tgt Ion:278 Resp: 17211
 Ion Ratio Lower Upper
 278 100
 139 32.4 15.9 23.9#
 279 36.2 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.727 ng/ul
RT: 26.336 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

Instrument :
BNA_N
ClientSampleId :
A4CF5



Tgt Ion:	276	Resp:	67808
Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.6
277	25.8	19.8	29.6

