

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032407.D
 Acq On : 02 Jul 2024 19:00
 Operator : MA/JU
 Sample : P2871-17
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN8

Quant Time: Jul 02 23:55:51 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

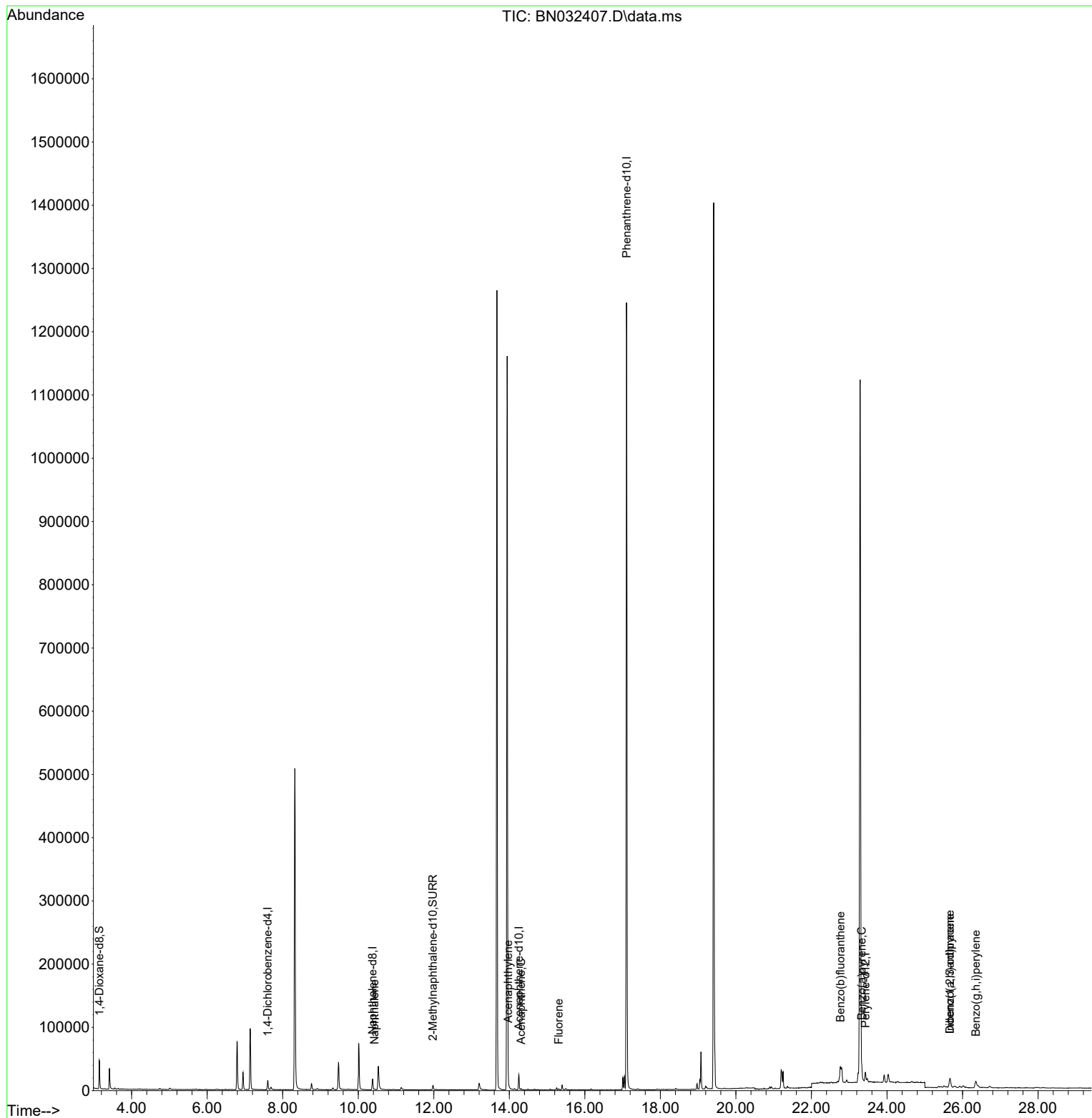
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7849	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	24207	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	13790	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.105	188	1491424	0.400	ng/ul	# 0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.23
23) Perylene-d12	23.430	264	23386	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	31179	3.574	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	10864	0.299	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	17244	0.000	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.426	128	1387	0.022	ng/ul#	74
10) Acenaphthylene	13.971	152	3996	0.070	ng/ul#	89
11) Acenaphthene	14.313	153	1055	0.024	ng/ul#	92
12) Fluorene	15.308	166	1309	0.025	ng/ul#	92
24) Benzo(b)fluoranthene	22.766	252	55574	0.547	ng/ul	85
26) Benzo(a)pyrene	23.333	252	25584	0.362	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.666	276	23002	0.208	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.666	278	5366	0.065	ng/ul#	1
29) Benzo(g,h,i)perylene	26.354	276	22632	0.257	ng/ul#	87

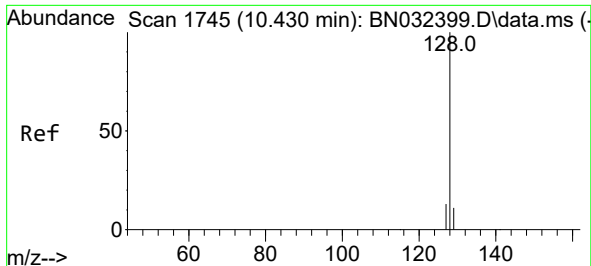
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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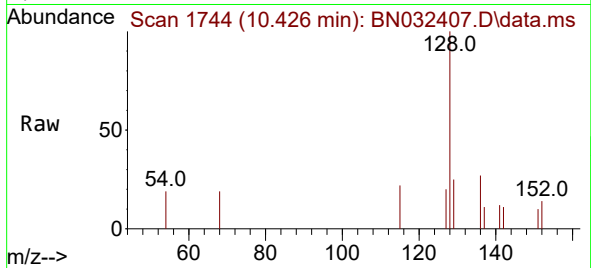
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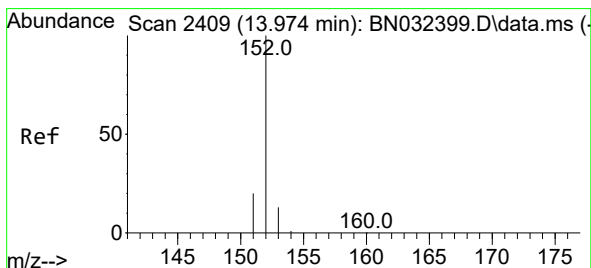
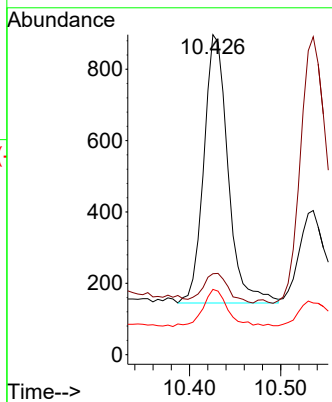
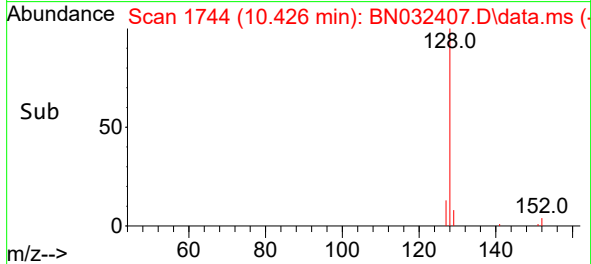


#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.022 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

Instrument :
BNA_N
ClientSampleId :
A4CN8

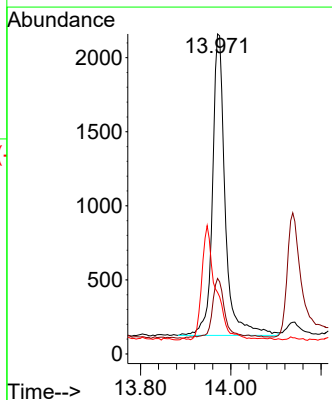
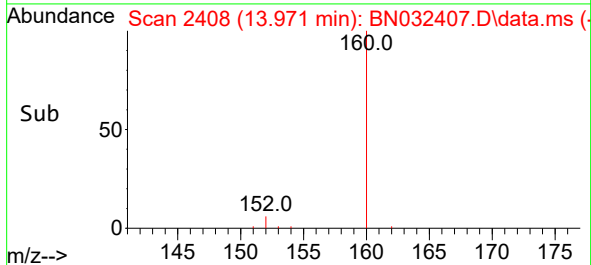
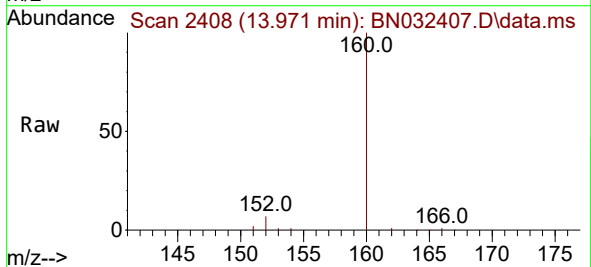


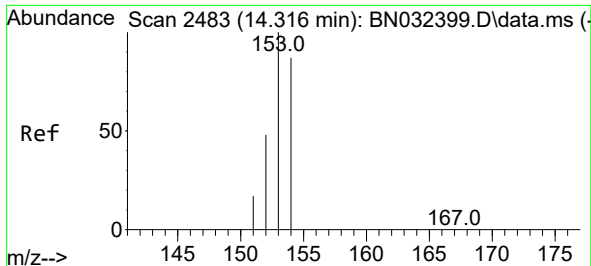
Tgt Ion:128 Resp: 1387
Ion Ratio Lower Upper
128 100
129 25.3 9.2 13.8#
127 20.4 10.8 16.2#



#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

Tgt Ion:152 Resp: 3996
Ion Ratio Lower Upper
152 100
151 23.6 15.7 23.5#
153 19.3 10.9 16.3#

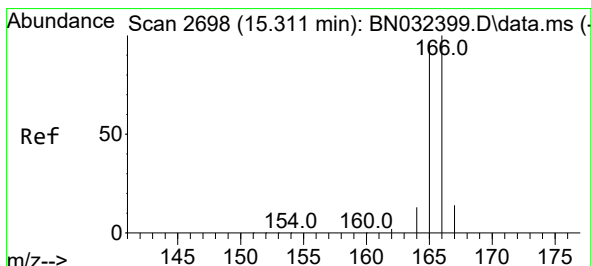
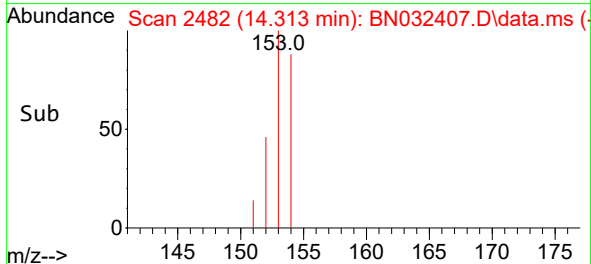
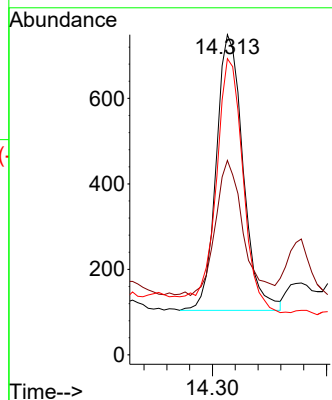
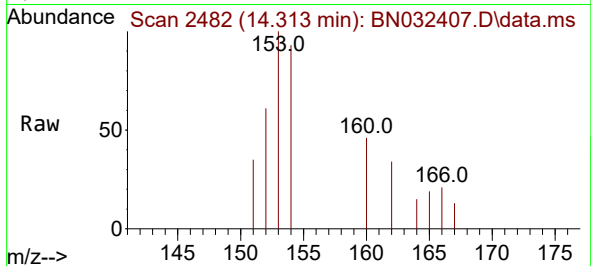




#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

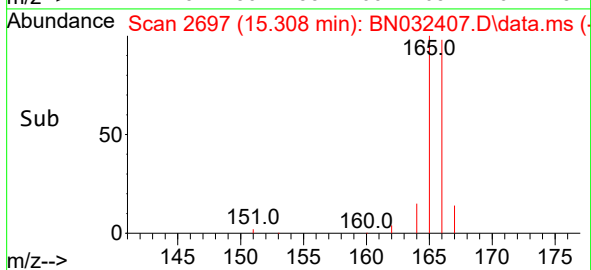
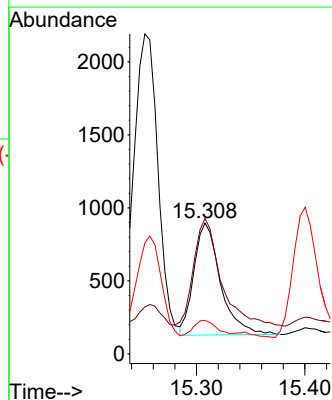
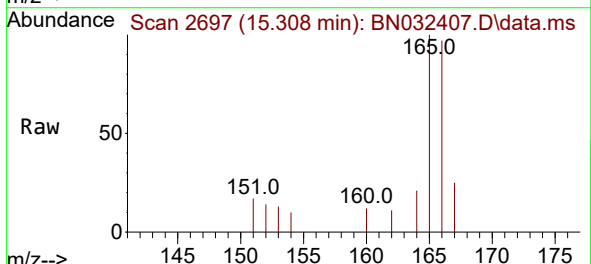
Instrument :
BNA_N
ClientSampleId :
A4CN8

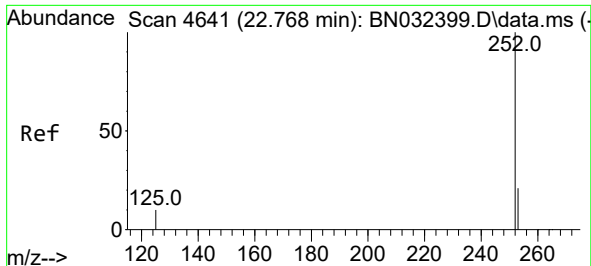
Tgt Ion:153 Resp: 1055
Ion Ratio Lower Upper
153 100
152 60.7 39.5 59.3#
154 92.5 71.7 107.5



#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

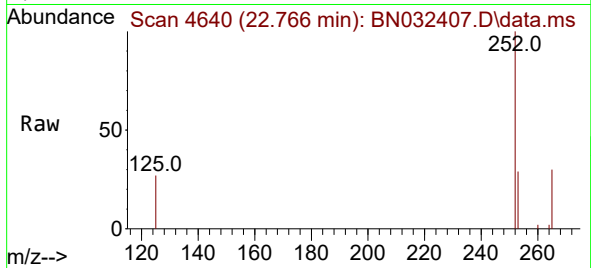
Tgt Ion:166 Resp: 1309
Ion Ratio Lower Upper
166 100
165 103.6 79.0 118.6
167 25.7 11.0 16.6#



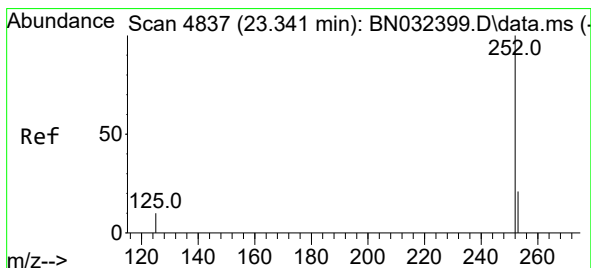
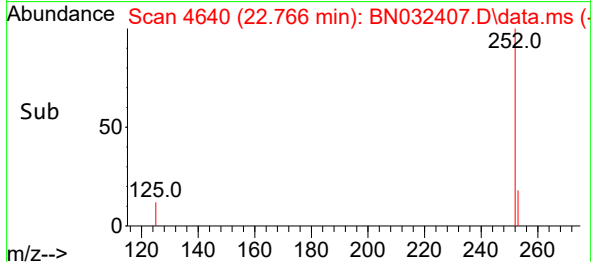
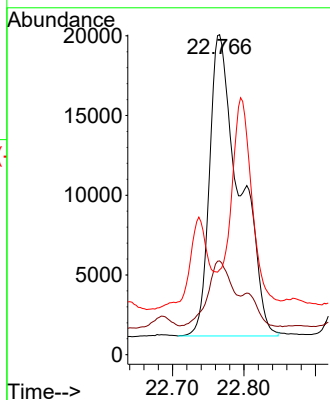


#24
Benzo(b)fluoranthene
Concen: 0.547 ng/ul
RT: 22.766 min Scan# 4641
Delta R.T. -0.018 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

Instrument :
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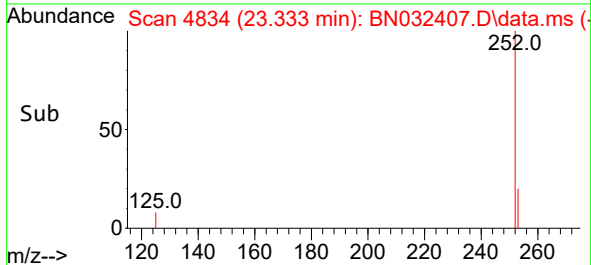
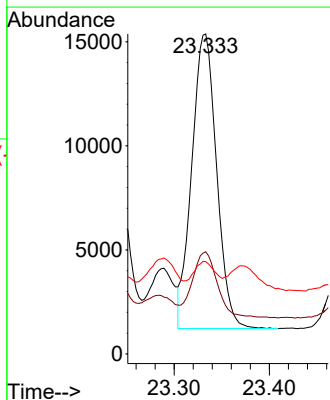
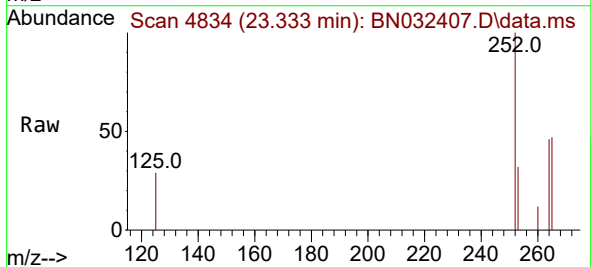


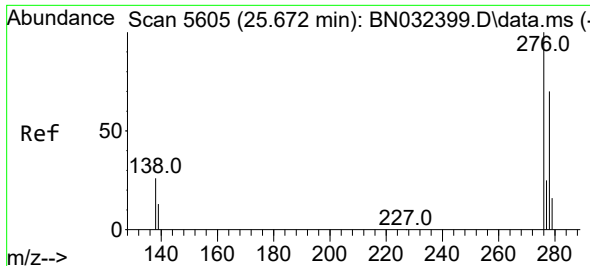
Tgt Ion:252 Resp: 55574
Ion Ratio Lower Upper
252 100
253 29.3 0.0 50.2
125 26.6 0.0 32.0



#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. -0.027 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

Tgt Ion:252 Resp: 25584
Ion Ratio Lower Upper
252 100
253 31.9 22.2 33.2
125 28.9 16.4 24.6#

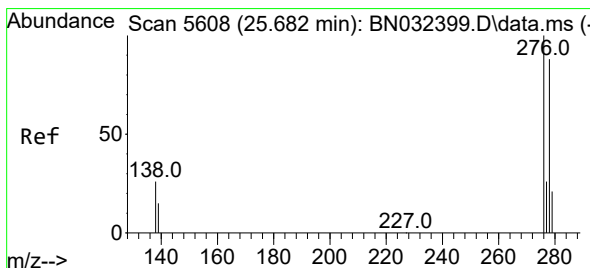
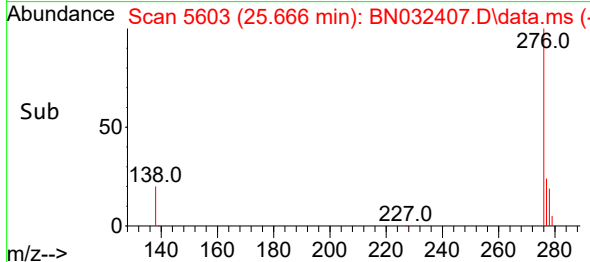
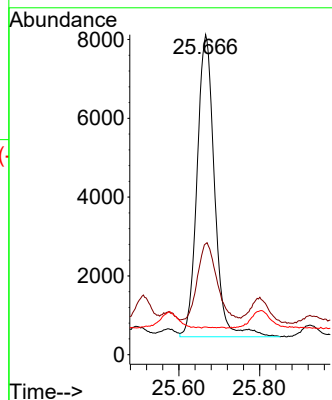
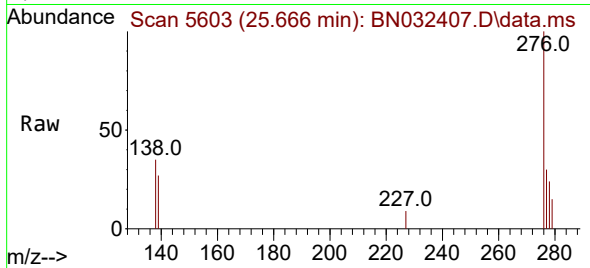




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.208 ng/ul
 RT: 25.666 min Scan# 5603
 Delta R.T. -0.034 min
 Lab File: BN032407.D
 Acq: 02 Jul 2024 19:00

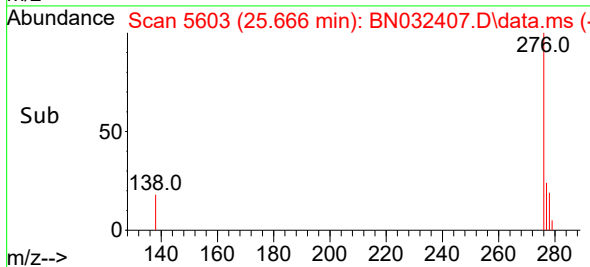
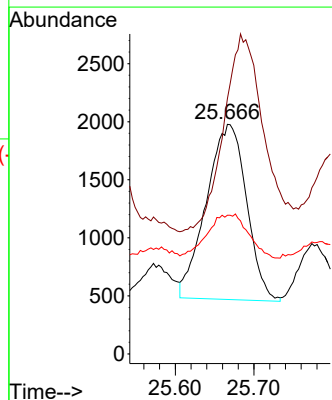
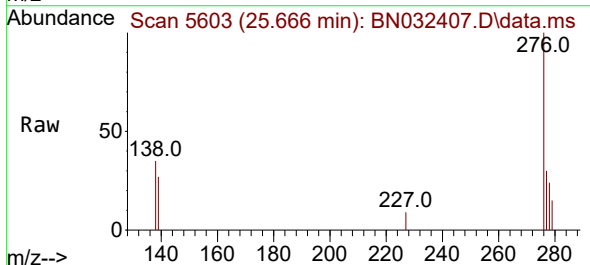
Instrument :
 BNA_N
 ClientSampleId :
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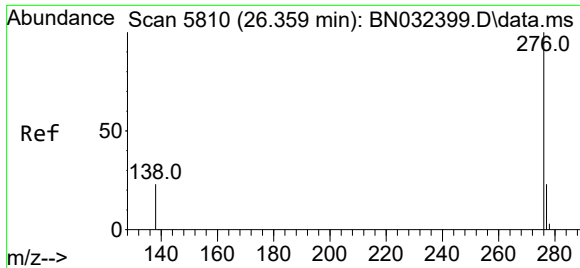
Tgt Ion:276 Resp: 23002
 Ion Ratio Lower Upper
 276 100
 138 28.0 21.3 31.9
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.065 ng/ul
 RT: 25.666 min Scan# 5603
 Delta R.T. -0.044 min
 Lab File: BN032407.D
 Acq: 02 Jul 2024 19:00

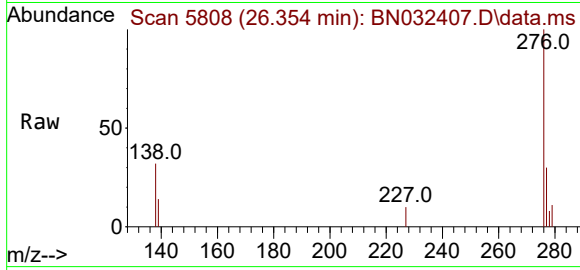
Tgt Ion:278 Resp: 5366
 Ion Ratio Lower Upper
 278 100
 139 111.1 15.9 23.9#
 279 60.4 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.257 ng/ul
RT: 26.354 min Scan# 51
Delta R.T. -0.027 min
Lab File: BN032407.D
Acq: 02 Jul 2024 19:00

Instrument :
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Tgt Ion:276 Resp: 22632
Ion Ratio Lower Upper
276 100
138 32.0 19.8 29.6#
277 30.1 19.8 29.6#

