

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
 Data File : BN032982.D
 Acq On : 25 Jul 2024 21:22
 Operator : MA/JU
 Sample : P3347-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW5

Quant Time: Jul 26 01:19:03 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)

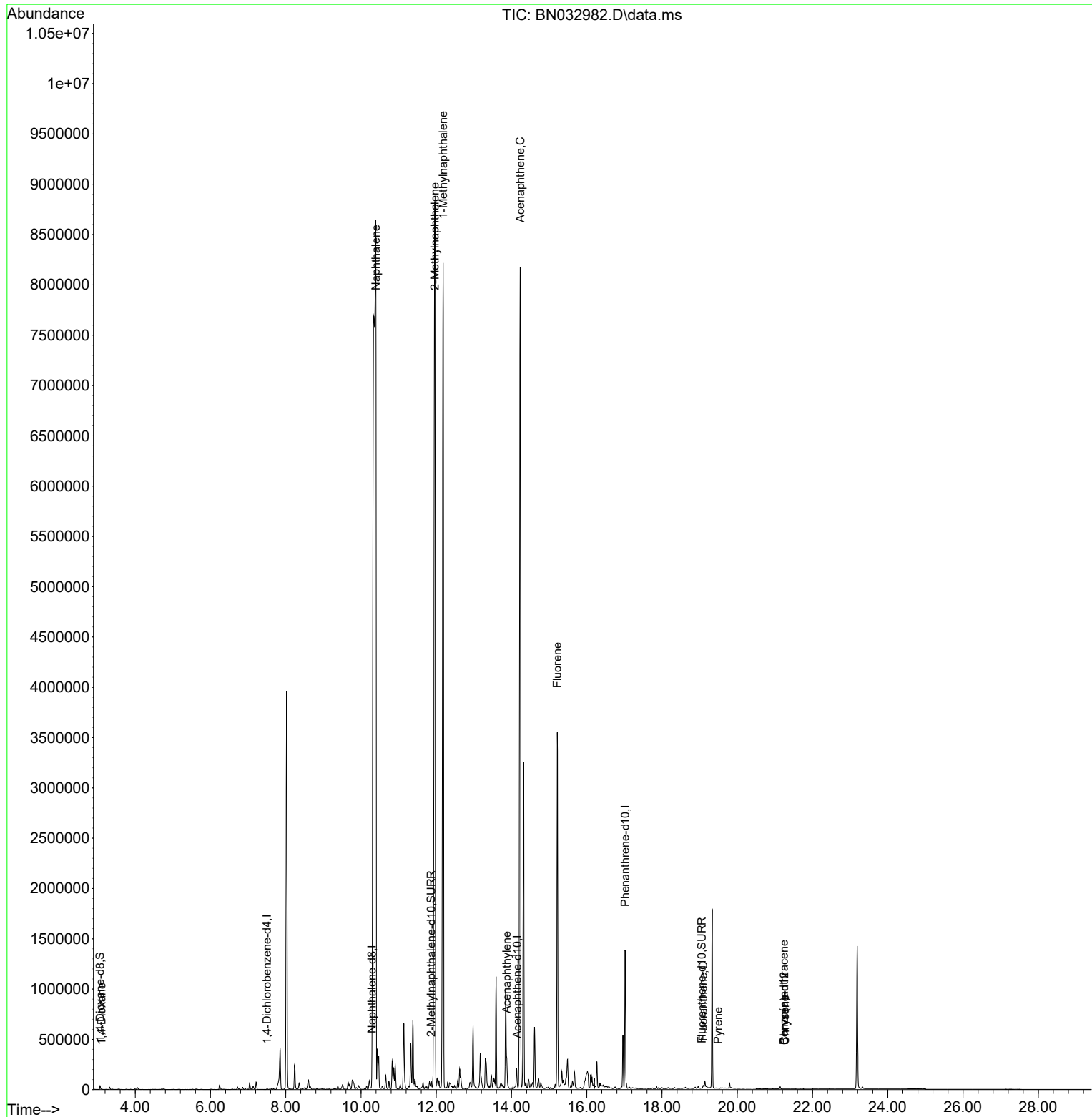
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.503	152	4438	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.284	136	15481	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.152	164	16993	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.021	188	1595929	0.400	ng/ul	0.08
17) Chrysene-d12	21.248	240	109	0.400	ng/ul	# 0.09
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.35
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.065	96	22921	4.083	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.868	152	10966	0.434	ng/ul	-0.04
18) Fluoranthene-d10	19.056	212	4808	15.579	ng/ul	0.07
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.102	88	139	0.022	ng/ul#	1
5) Naphthalene	10.394	128	35670692	897.251	ng/ul	95
7) 2-Methylnaphthalene	11.961	142	8520879	316.396	ng/ul	93
8) 1-Methylnaphthalene	12.181	142	6614819	227.128	ng/ul	98
10) Acenaphthylene	13.875	152	267306	3.844	ng/ul	97
11) Acenaphthene	14.231	153	5809745	111.061	ng/ul	96
12) Fluorene	15.217	166	2221204	36.431	ng/ul	97
19) Fluoranthene	19.093	202	1720	4.792	ng/ul#	1
20) Pyrene	19.497	202	1074	2.791	ng/ul#	1
21) Benzo(a)anthracene	21.239	228	35	0.094	ng/ul#	1
22) Chrysene	21.265	228	28	0.065	ng/ul#	1

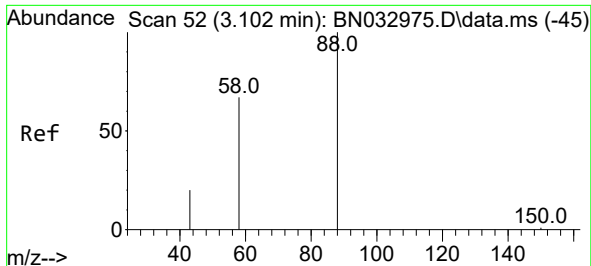
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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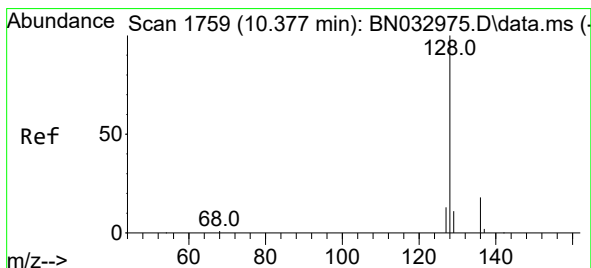
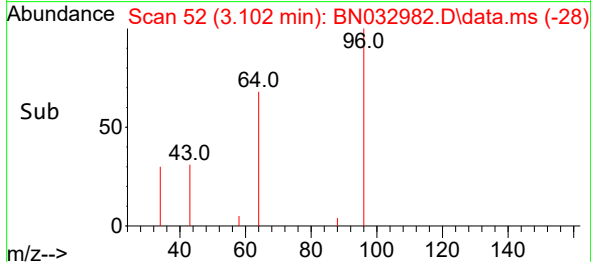
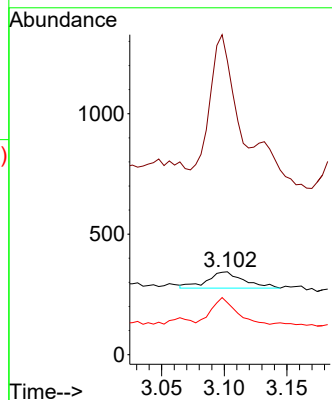
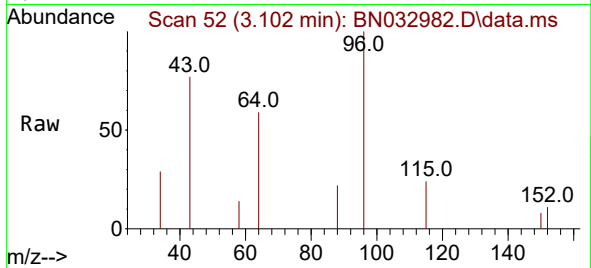




#2
1,4-Dioxane
Concen: 0.022 ng/ul
RT: 3.102 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN032982.D
Acq: 25 Jul 2024 21:22

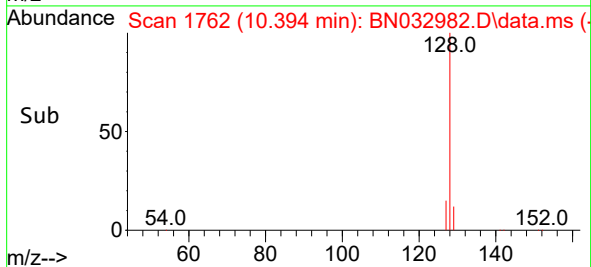
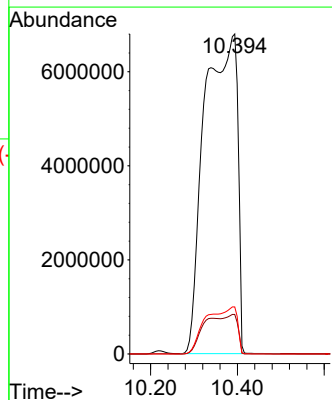
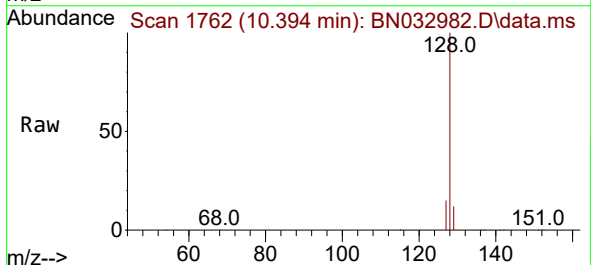
Instrument :
BNA_N
ClientSampleId :
C0AW5

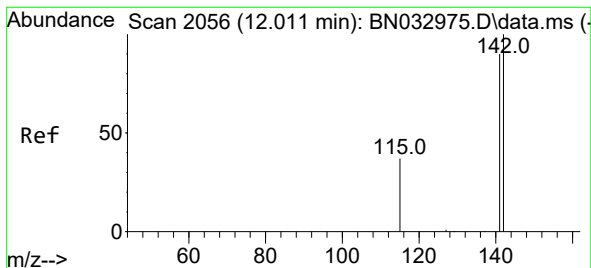
Tgt Ion: 88 Resp: 139
Ion Ratio Lower Upper
88 100
43 354.4 63.4 95.2#
58 62.8 49.4 74.0



#5
Naphthalene
Concen: 897.251 ng/ul
RT: 10.394 min Scan# 1762
Delta R.T. 0.044 min
Lab File: BN032982.D
Acq: 25 Jul 2024 21:22

Tgt Ion: 128 Resp: 35670692
Ion Ratio Lower Upper
128 100
129 12.4 12.0 18.0
127 14.7 12.7 19.1





#7

2-Methylnaphthalene

Concen: 316.396 ng/ul

RT: 11.961 min Scan# 2056

Delta R.T. -0.022 min

Lab File: BN032982.D

Acq: 25 Jul 2024 21:22

Instrument :

BNA_N

ClientSampleId :

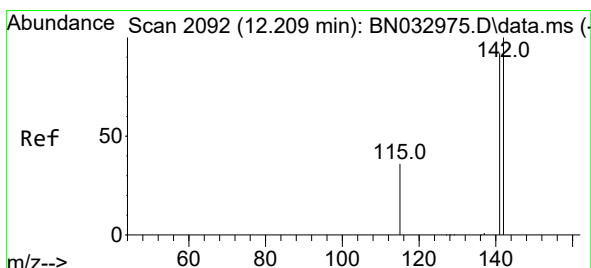
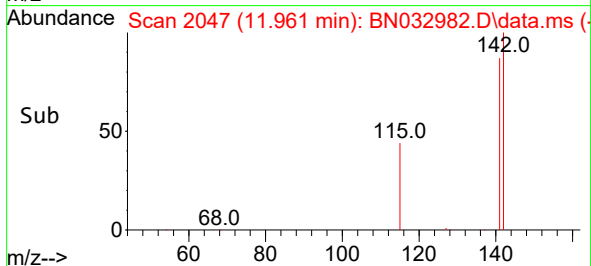
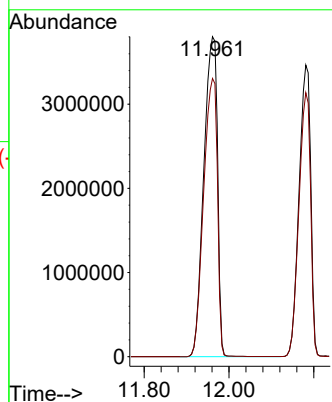
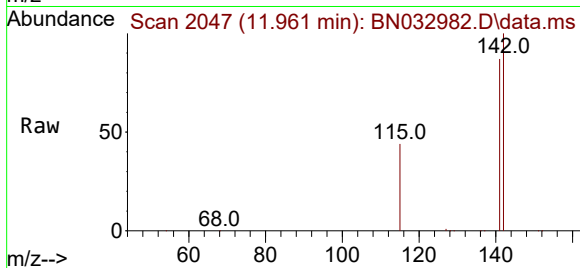
C0AW5

Tgt Ion:142 Resp: 8520879

Ion Ratio Lower Upper

142 100

141 87.3 75.2 112.8



#8

1-Methylnaphthalene

Concen: 227.128 ng/ul

RT: 12.181 min Scan# 2087

Delta R.T. -0.016 min

Lab File: BN032982.D

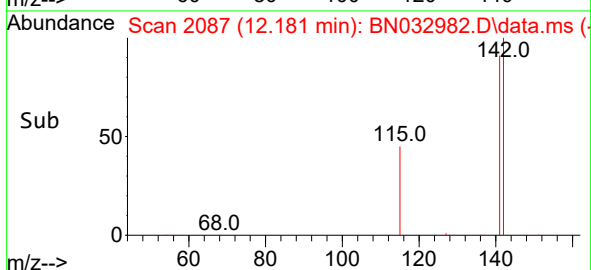
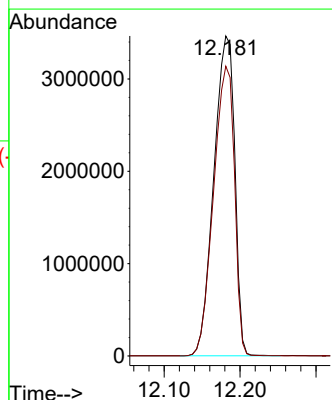
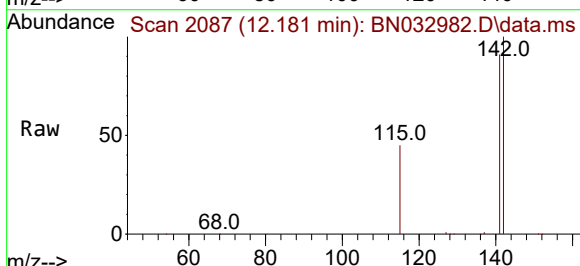
Acq: 25 Jul 2024 21:22

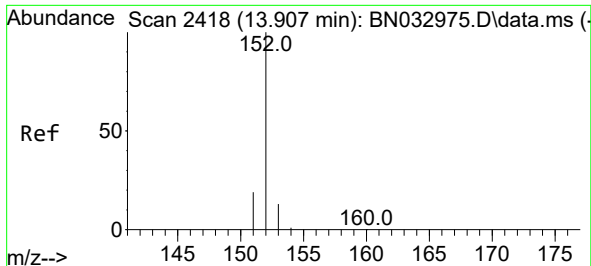
Tgt Ion:142 Resp: 6614819

Ion Ratio Lower Upper

142 100

141 90.6 74.3 111.5

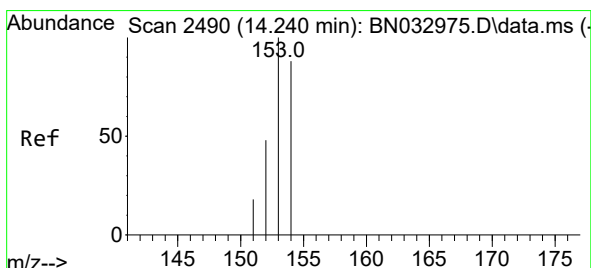
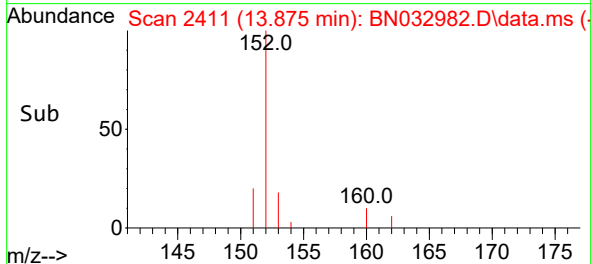
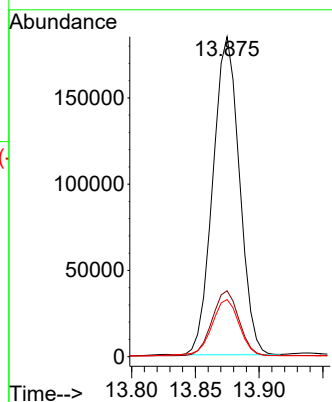
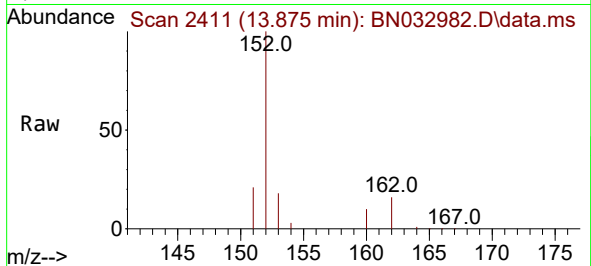




#10
Acenaphthylene
Concen: 3.844 ng/ul
RT: 13.875 min Scan# 2411
Delta R.T. -0.023 min
Lab File: BN032982.D
Acq: 25 Jul 2024 21:22

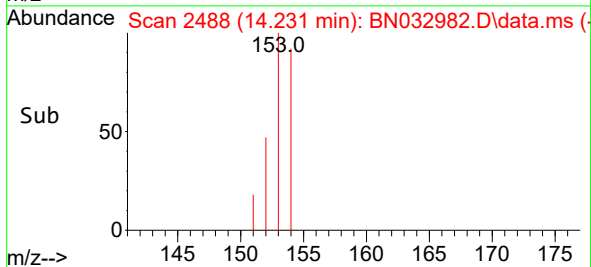
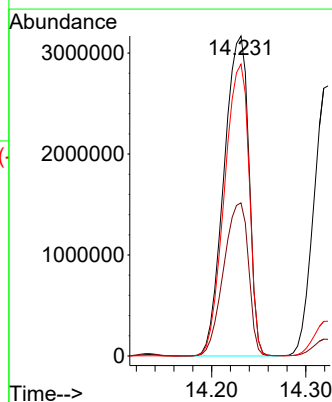
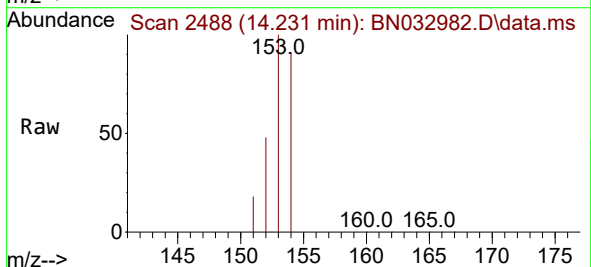
Instrument :
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C0AW5

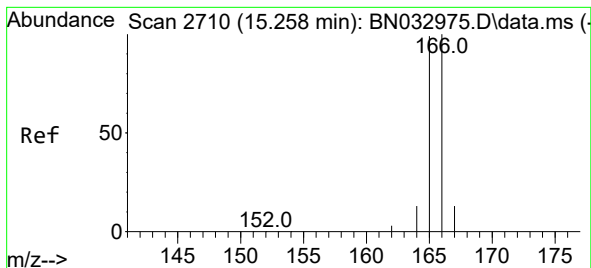
Tgt Ion:152 Resp: 267306
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 17.8 11.9 17.9



#11
Acenaphthene
Concen: 111.061 ng/ul
RT: 14.231 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BN032982.D
Acq: 25 Jul 2024 21:22

Tgt Ion:153 Resp: 5809745
Ion Ratio Lower Upper
153 100
152 47.9 40.0 60.0
154 91.2 70.1 105.1





#12

Fluorene

Concen: 36.431 ng/ul

RT: 15.217 min Scan# 21

Delta R.T. -0.028 min

Lab File: BN032982.D

Acq: 25 Jul 2024 21:22

Instrument :

BNA_N

ClientSampleId :

C0AW5

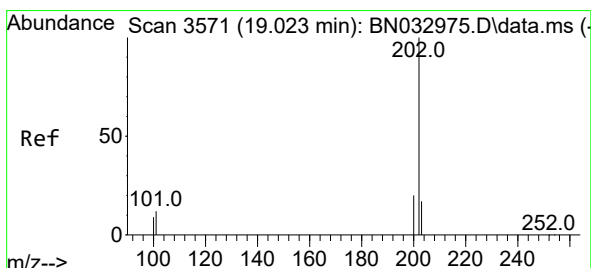
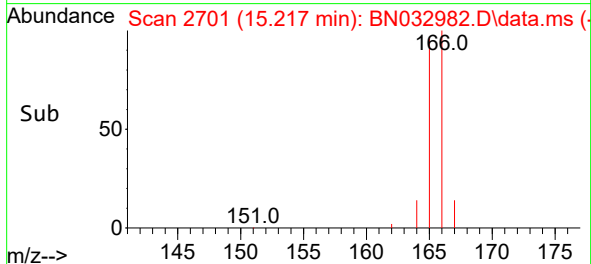
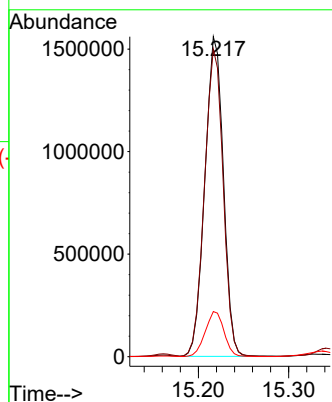
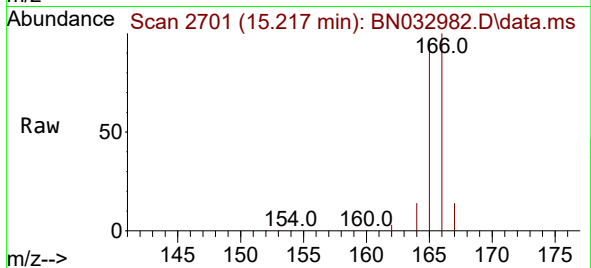
Tgt Ion:166 Resp: 2221204

Ion Ratio Lower Upper

166 100

165 96.2 79.6 119.4

167 14.1 12.2 18.4



#19

Fluoranthene

Concen: 4.792 ng/ul

RT: 19.093 min Scan# 3586

Delta R.T. 0.079 min

Lab File: BN032982.D

Acq: 25 Jul 2024 21:22

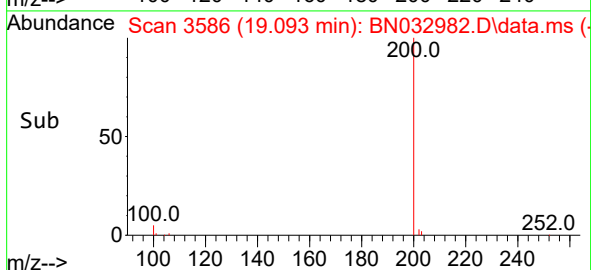
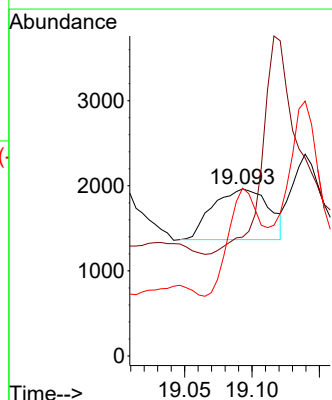
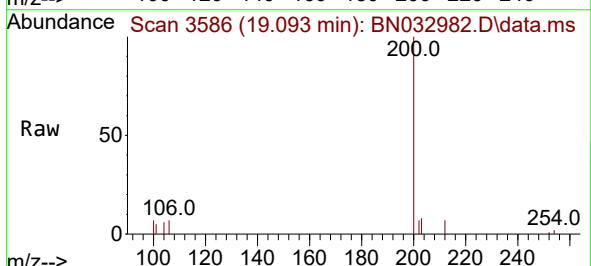
Tgt Ion:202 Resp: 1720

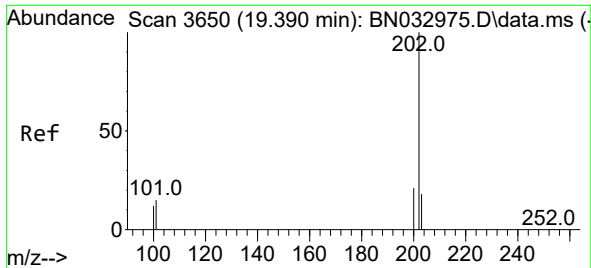
Ion Ratio Lower Upper

202 100

101 71.1 10.7 16.1#

100 100.5 8.3 12.5#

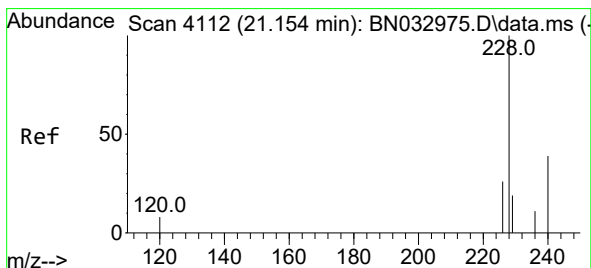
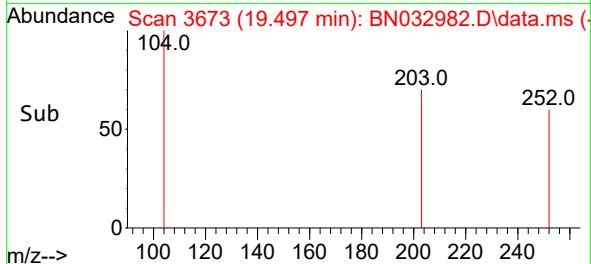
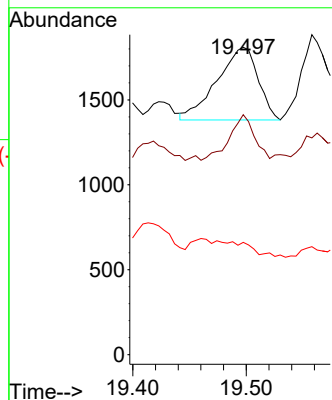
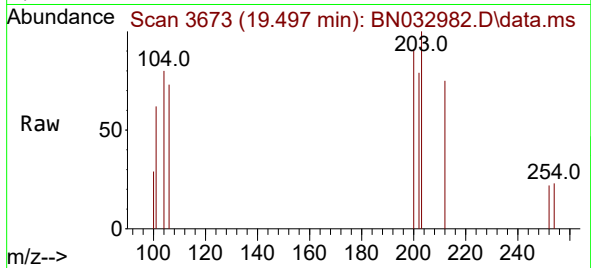




#20
Pyrene
Concen: 2.791 ng/ul
RT: 19.497 min Scan# 3673
Delta R.T. 0.116 min
Lab File: BN032982.D
Acq: 25 Jul 2024 21:22

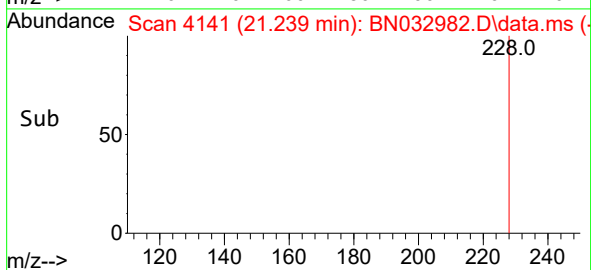
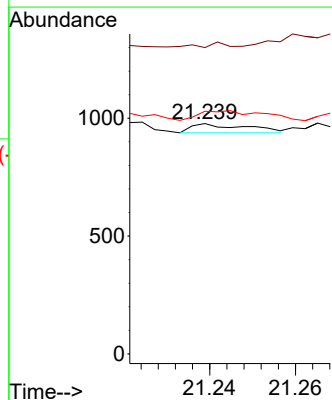
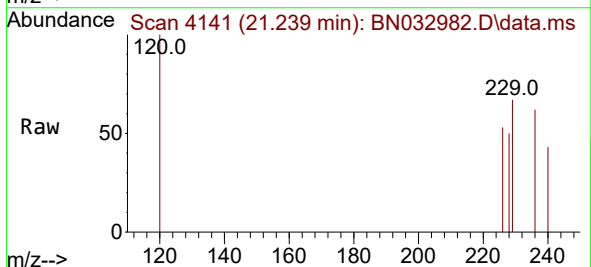
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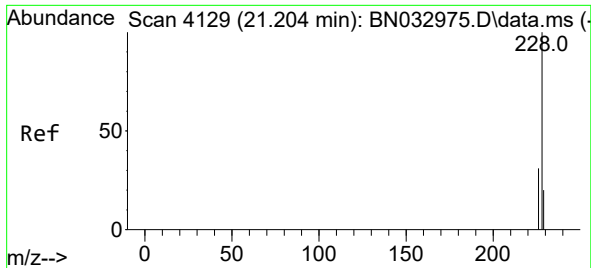
Tgt Ion:202 Resp: 1074
Ion Ratio Lower Upper
202 100
101 78.1 12.6 18.8#
100 36.5 9.9 14.9#



#21
Benzo(a)anthracene
Concen: 0.094 ng/ul
RT: 21.239 min Scan# 4141
Delta R.T. 0.094 min
Lab File: BN032982.D
Acq: 25 Jul 2024 21:22

Tgt Ion:228 Resp: 35
Ion Ratio Lower Upper
228 100
229 132.9 17.1 25.7#
226 105.3 22.4 33.6#





#22

Chrysene

Concen: 0.065 ng/ul

RT: 21.265 min Scan# 41

Delta R.T. 0.070 min

Lab File: BN032982.D

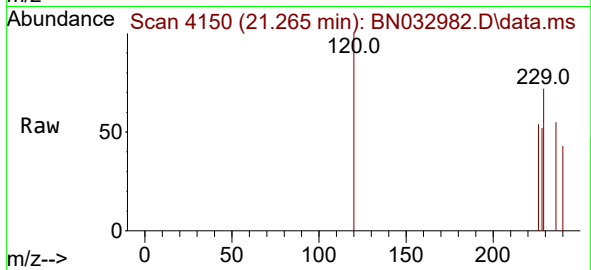
Acq: 25 Jul 2024 21:22

Instrument :

BNA_N

ClientSampleId :

C0AW5



Tgt Ion:228 Resp: 28

Ion Ratio Lower Upper

228 100

226 102.9 24.7 37.1#

229 136.9 17.0 25.6#

