

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035011.D
 Acq On : 11 Nov 2024 18:50
 Operator : RC/JU
 Sample : P4636-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0Q3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 11 22:04:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.562	152	2593	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	6545	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.199	164	4744	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	10337	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.142	240	10267	0.400	ng/ul	# 0.00
23) Perylene-d12	23.308	264	11720	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	2630	1.066	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	787	0.079	ng/ul	-0.01
18) Fluoranthene-d10	18.981	212	3075	0.117	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.372	128	942	0.058	ng/ul#	85
7) 2-Methylnaphthalene	12.000	142	685	0.056	ng/ul	99
8) 1-Methylnaphthalene	12.220	142	584	0.048	ng/ul	93
10) Acenaphthylene	13.912	152	415	0.021	ng/ul#	15
12) Fluorene	15.253	166	793	0.042	ng/ul#	28
15) Phenanthrene	16.987	178	12557	0.455	ng/ul#	83
19) Fluoranthene	19.009	202	5192	0.151	ng/ul#	83
20) Pyrene	19.372	202	5669	0.159	ng/ul#	81
21) Benzo(a)anthracene	21.128	228	2143	0.058	ng/ul#	17
22) Chrysene	21.177	228	5089m	0.134	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	3636m	0.088	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	928m	0.022	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.453	276	1063	0.024	ng/ul#	67

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

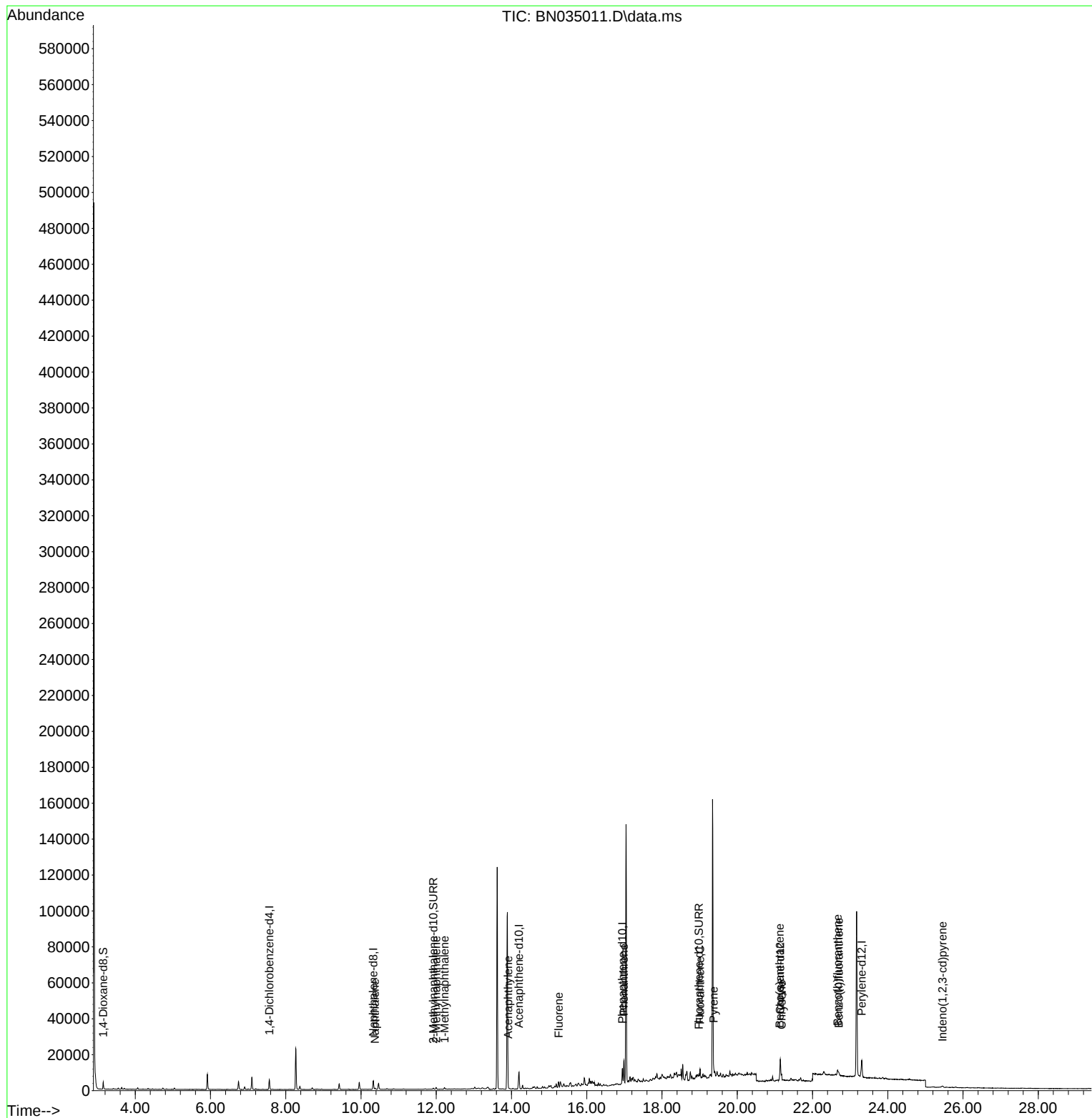
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
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ALS Vial : 21 Sample Multiplier: 1

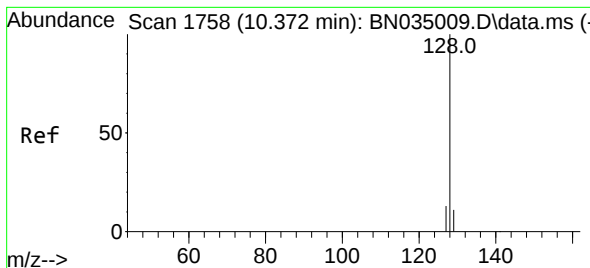
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#5

Naphthalene

Concen: 0.058 ng/ul

RT: 10.372 min Scan# 1758

Delta R.T. -0.016 min

Lab File: BN035011.D

Acq: 11 Nov 2024 18:50

Instrument :

BNA_N

ClientSampleId :

CC0Q3

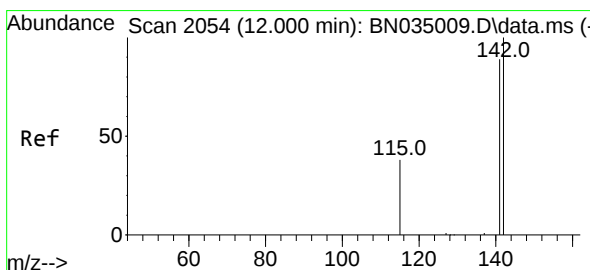
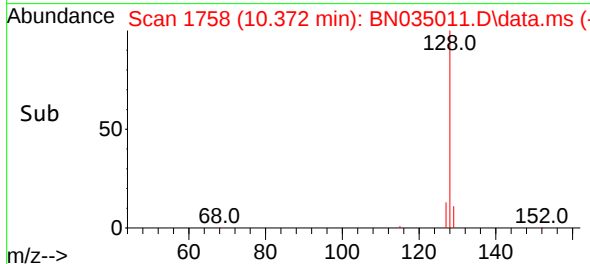
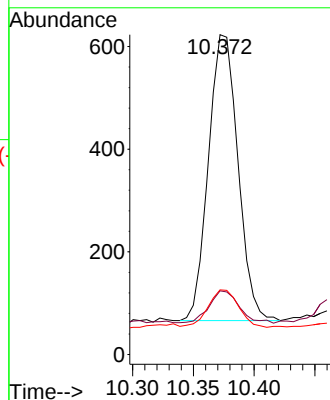
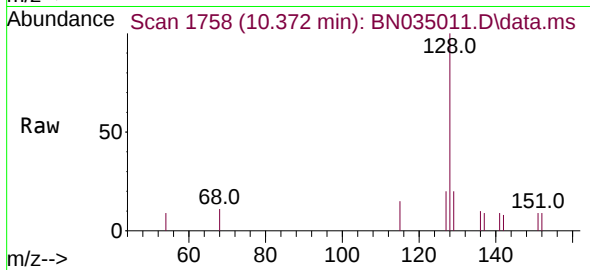
Tgt Ion:	128	Resp:	942
Ion Ratio	Lower	Upper	
128	100		
129	19.9	10.1	15.1
127	20.2	12.1	18.1

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#7

2-Methylnaphthalene

Concen: 0.056 ng/ul

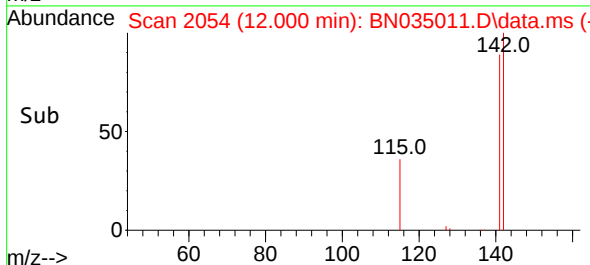
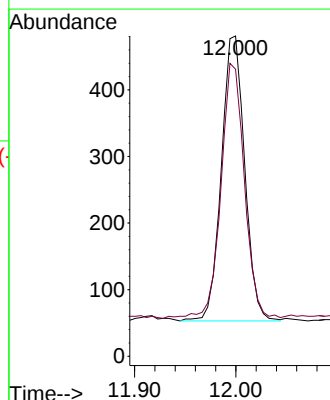
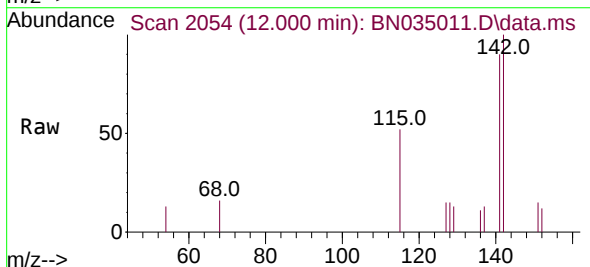
RT: 12.000 min Scan# 2054

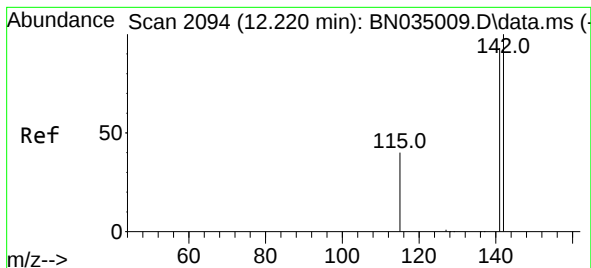
Delta R.T. -0.011 min

Lab File: BN035011.D

Acq: 11 Nov 2024 18:50

Tgt Ion:	142	Resp:	685
Ion Ratio	Lower	Upper	
142	100		
141	89.8	70.8	106.2





#8

1-Methylnaphthalene

Concen: 0.048 ng/ul

RT: 12.220 min Scan# 2094

Delta R.T. -0.011 min

Lab File: BN035011.D

Acq: 11 Nov 2024 18:50

Instrument :

BNA_N

ClientSampleId :

CC0Q3

Tgt Ion:142 Resp: 584

Ion Ratio Lower Upper

142 100

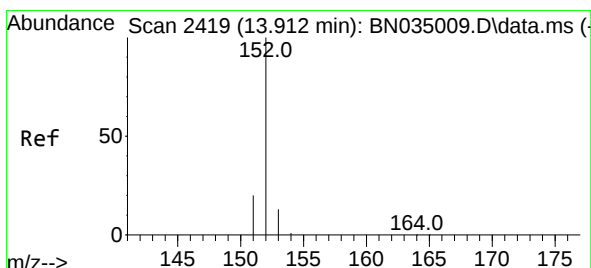
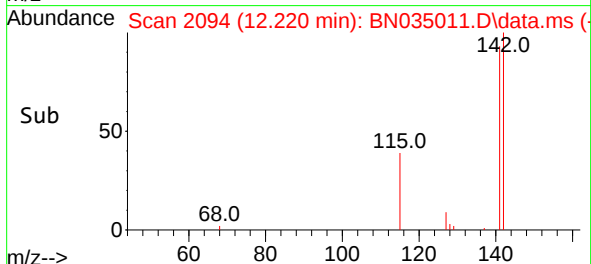
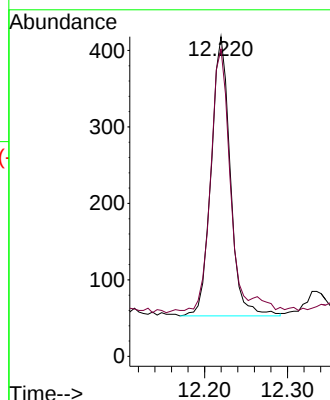
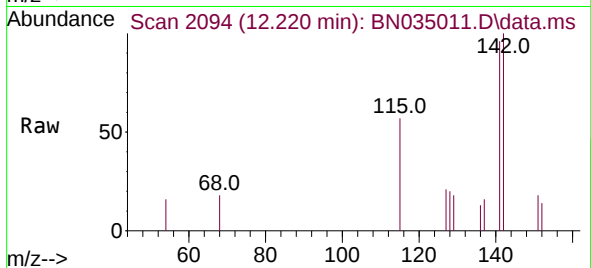
141 100.3 74.6 111.8

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#10

Acenaphthylene

Concen: 0.021 ng/ul

RT: 13.912 min Scan# 2419

Delta R.T. -0.014 min

Lab File: BN035011.D

Acq: 11 Nov 2024 18:50

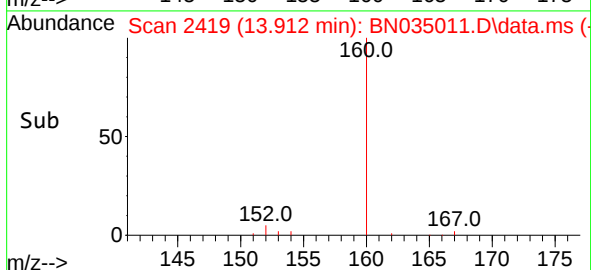
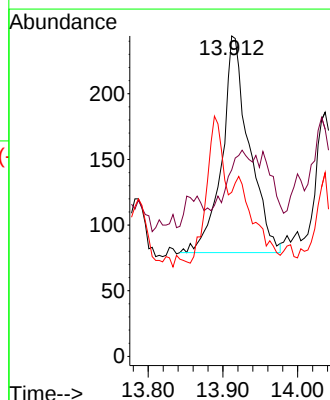
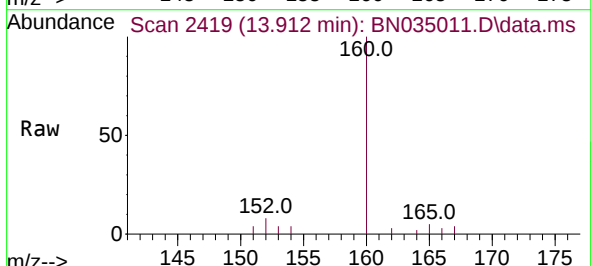
Tgt Ion:152 Resp: 415

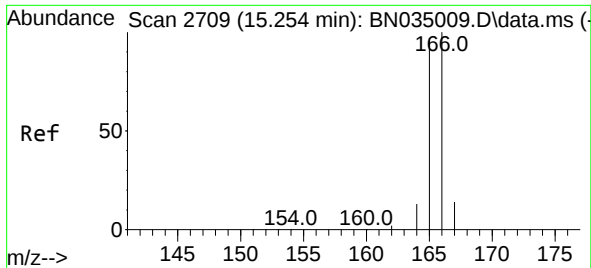
Ion Ratio Lower Upper

152 100

151 58.2 16.6 24.8#

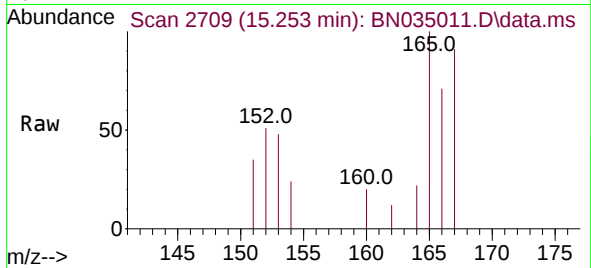
153 51.2 11.0 16.6#





#12
Fluorene
Concen: 0.042 ng/ul
RT: 15.253 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035011.D
Acq: 11 Nov 2024 18:50

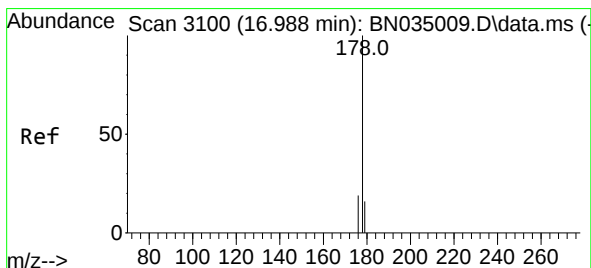
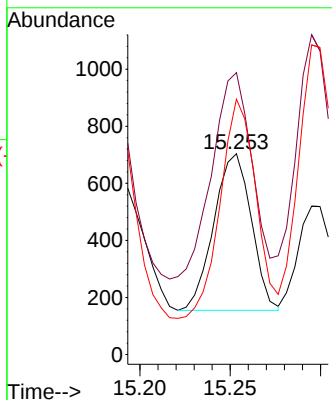
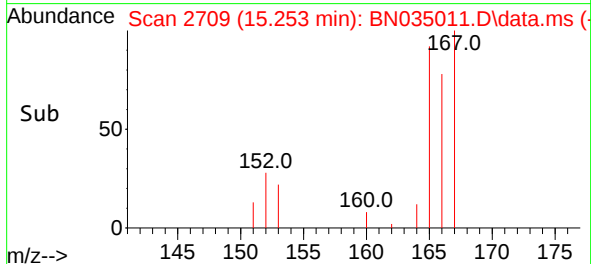
Instrument :
BNA_N
ClientSampleId :
CC0Q3



Tgt Ion:166 Resp: 79
Ion Ratio Lower Upper
166 100
165 140.3 79.0 118.4
167 127.1 11.8 17.6

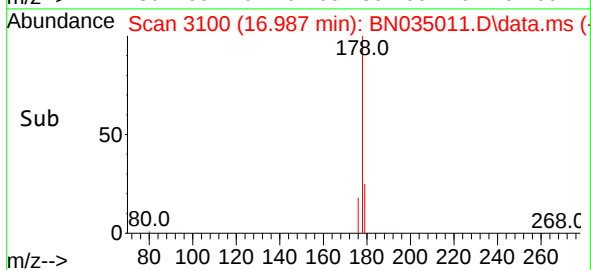
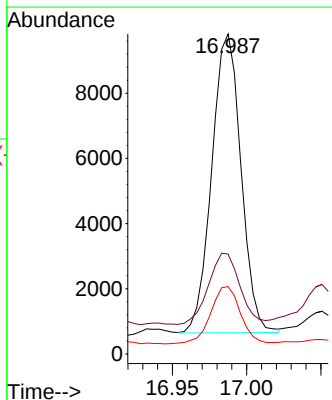
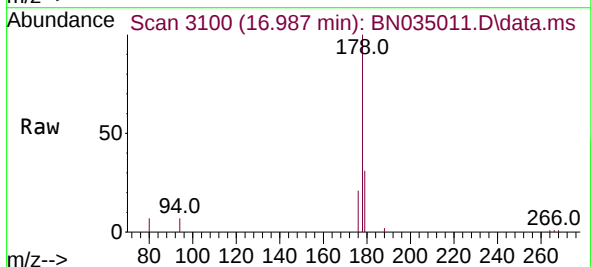
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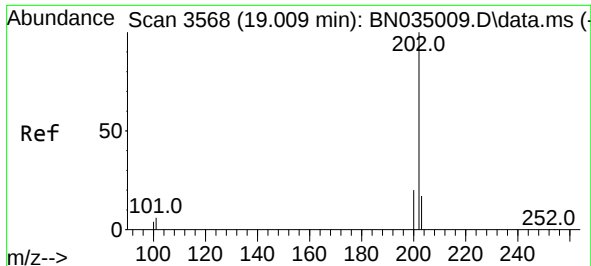
Reviewed By :Yogesh Patel 11/12/2024
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#15
Phenanthrene
Concen: 0.455 ng/ul
RT: 16.987 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN035011.D
Acq: 11 Nov 2024 18:50

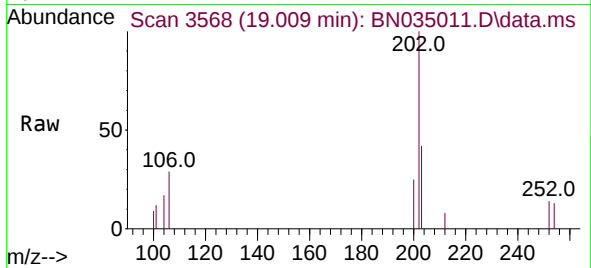
Tgt Ion:178 Resp: 12557
Ion Ratio Lower Upper
178 100
179 31.2 13.4 20.2#
176 21.0 15.8 23.6





#19
Fluoranthene
Concen: 0.151 ng/uI
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN035011.D
Acq: 11 Nov 2024 18:50

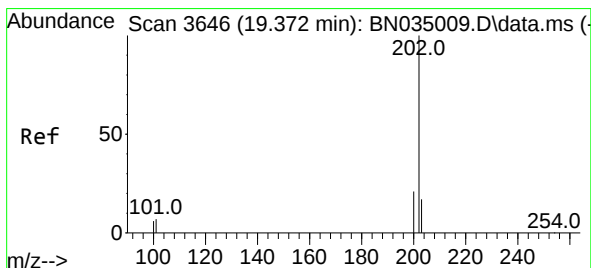
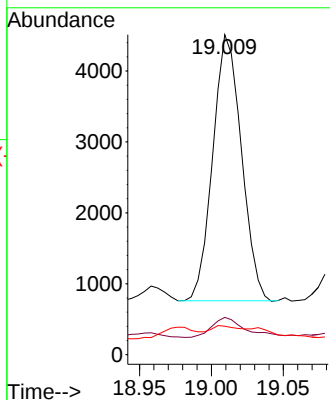
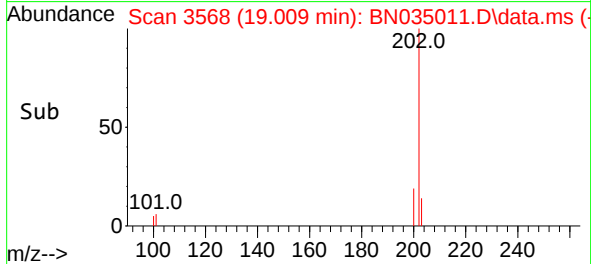
Instrument :
BNA_N
ClientSampleId :
CC0Q3



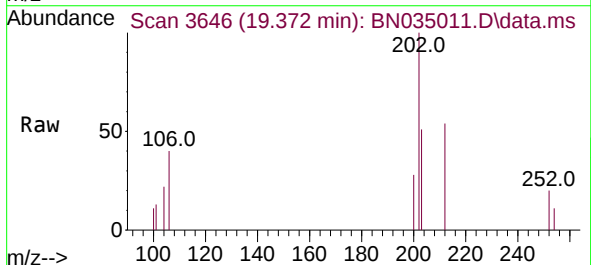
Tgt Ion:202 Resp: 5192
Ion Ratio Lower Upper
202 100
101 11.6 4.2 6.2#
100 8.9 3.2 4.8#

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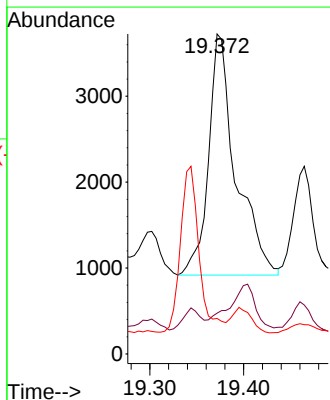
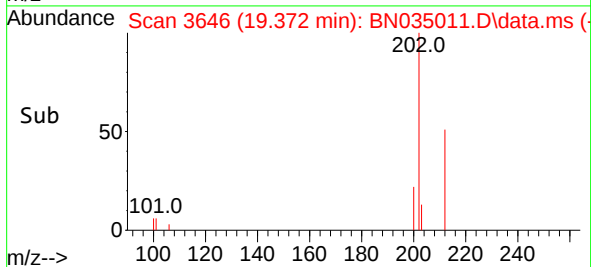
Reviewed By :Yogesh Patel 11/12/2024
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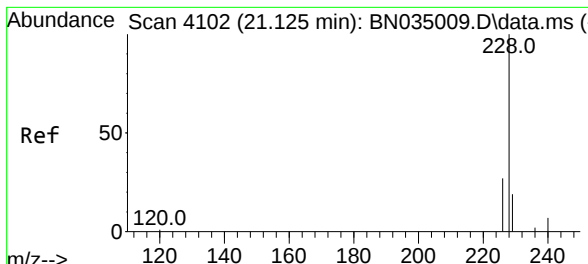


#20
Pyrene
Concen: 0.159 ng/uI
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN035011.D
Acq: 11 Nov 2024 18:50



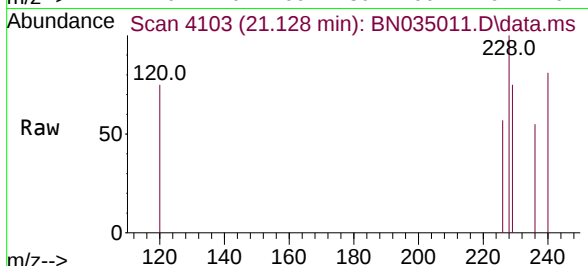
Tgt Ion:202 Resp: 5669
Ion Ratio Lower Upper
202 100
101 12.8 5.0 7.4#
100 11.1 4.1 6.1#





#21
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.128 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BN035011.D
Acq: 11 Nov 2024 18:50

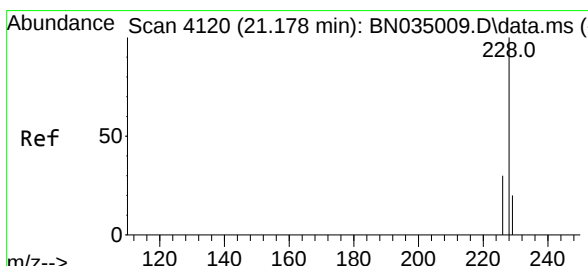
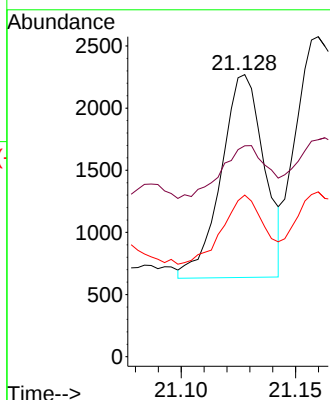
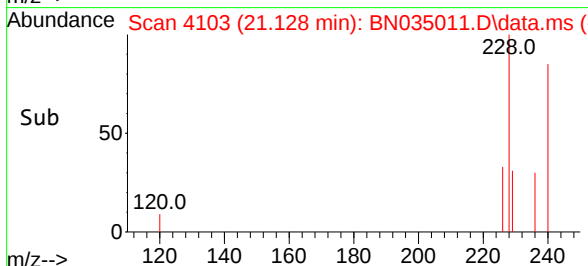
Instrument :
BNA_N
ClientSampleId :
CC0Q3



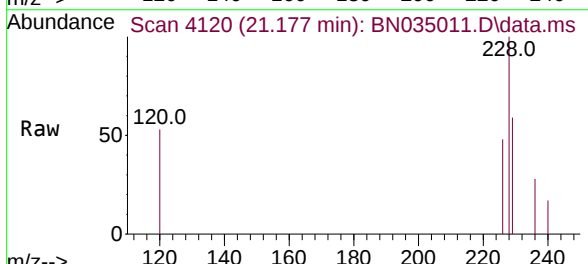
Tgt Ion:228 Resp: 214
Ion Ratio Lower Upper
228 100
229 74.8 15.8 23.8
226 57.3 22.2 33.2

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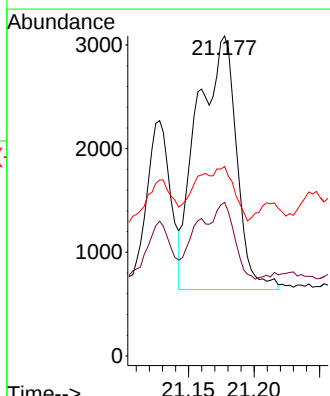
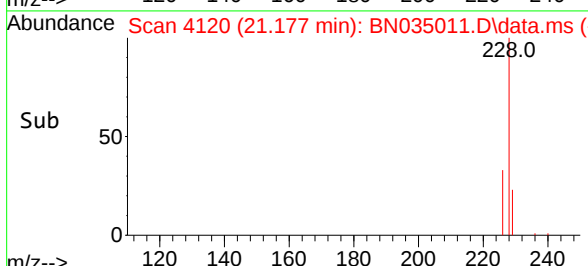
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

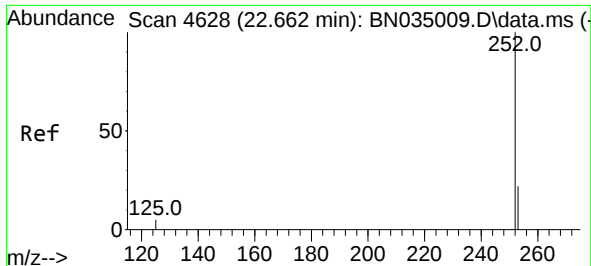


#22
Chrysene
Concen: 0.134 ng/ul m
RT: 21.177 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN035011.D
Acq: 11 Nov 2024 18:50



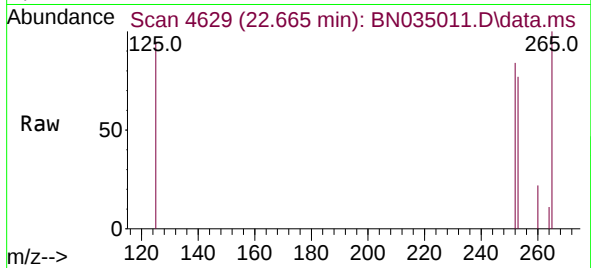
Tgt Ion:228 Resp: 5089
Ion Ratio Lower Upper
228 100
226 48.0 24.2 36.4#
229 59.2 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.088 ng/ul m
RT: 22.665 min Scan# 4628
Delta R.T. -0.006 min
Lab File: BN035011.D
Acq: 11 Nov 2024 18:50

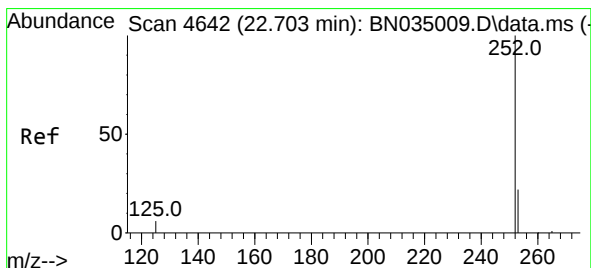
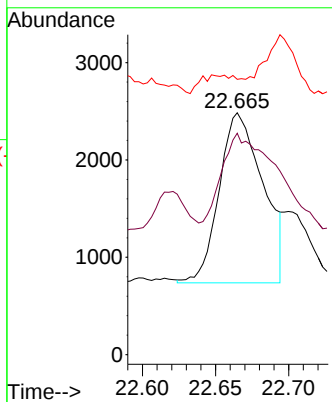
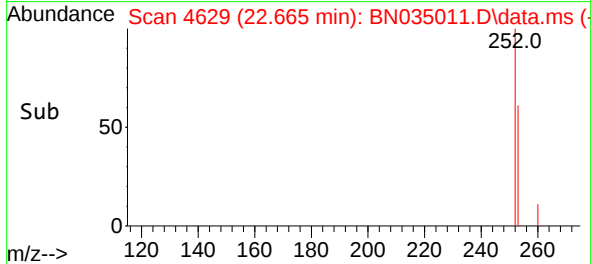
Instrument :
BNA_N
ClientSampleId :
CC0Q3



Tgt Ion:252 Resp: 3630
Ion Ratio Lower Upper
252 100
253 91.5 0.0 50.0#
125 113.8 0.0 14.0#

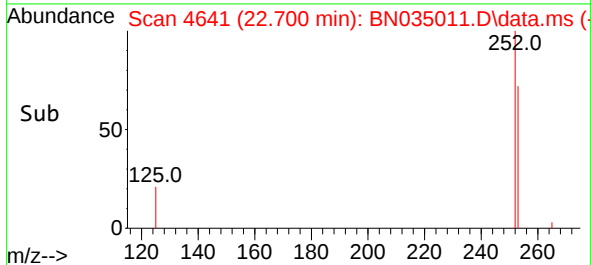
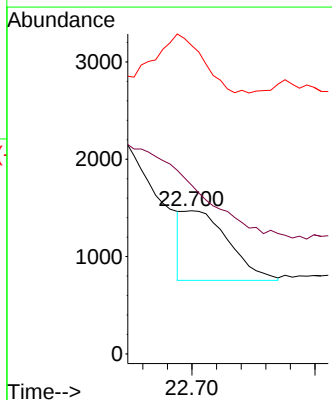
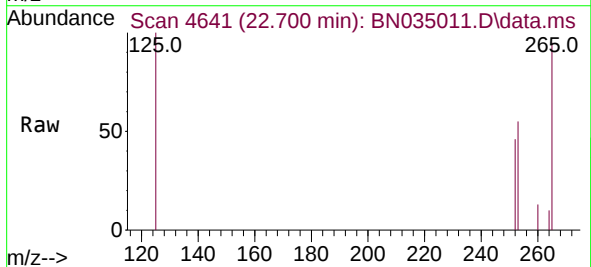
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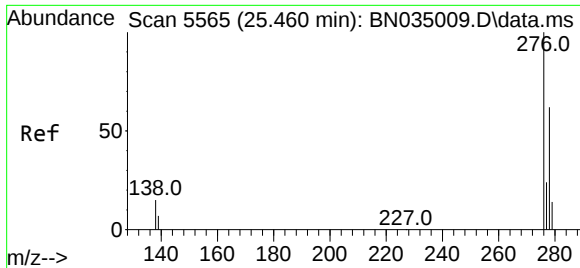
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 22.700 min Scan# 4641
Delta R.T. -0.012 min
Lab File: BN035011.D
Acq: 11 Nov 2024 18:50

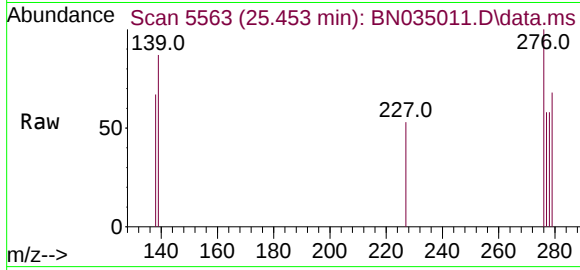
Tgt Ion:252 Resp: 928
Ion Ratio Lower Upper
252 100
253 117.9 20.2 30.4#
125 215.6 5.8 8.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.024 ng/ul
 RT: 25.453 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BN035011.D
 Acq: 11 Nov 2024 18:50

Instrument :
 BNA_N
 ClientSampleId :
 CC0Q3



Tgt Ion: 276 Resp: 106
 Ion Ratio Lower Upper
 276 100
 138 0.0 10.8 16.2
 227 6.4 0.2 0.4

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