

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035020.D
 Acq On : 12 Nov 2024 00:14
 Operator : RC/JU
 Sample : P4636-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0Q7

Manual Integrations
 APPROVED

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

Quant Time: Nov 12 00:54:49 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	3104	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	7958	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.199	164	5250	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	10978	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.142	240	10106	0.400	ng/ul	# 0.00
23) Perylene-d12	23.308	264	11881	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	4244	1.437	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	1218	0.100	ng/ul	-0.01
18) Fluoranthene-d10	18.981	212	3131	0.121	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.377	128	1655	0.083	ng/ul#	94
7) 2-Methylnaphthalene	12.000	142	373	0.025	ng/ul	96
8) 1-Methylnaphthalene	12.220	142	337	0.023	ng/ul	96
15) Phenanthrene	16.987	178	3077	0.105	ng/ul#	93
19) Fluoranthene	19.009	202	2274	0.067	ng/ul#	83
20) Pyrene	19.376	202	2159m	0.062	ng/ul	
21) Benzo(a)anthracene	21.128	228	1562	0.043	ng/ul#	55
22) Chrysene	21.177	228	3312m	0.089	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	3178m	0.076	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.460	276	1152	0.025	ng/ul#	67
28) Dibenzo(a,h)anthracene	25.463	278	715	0.020	ng/ul#	1

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

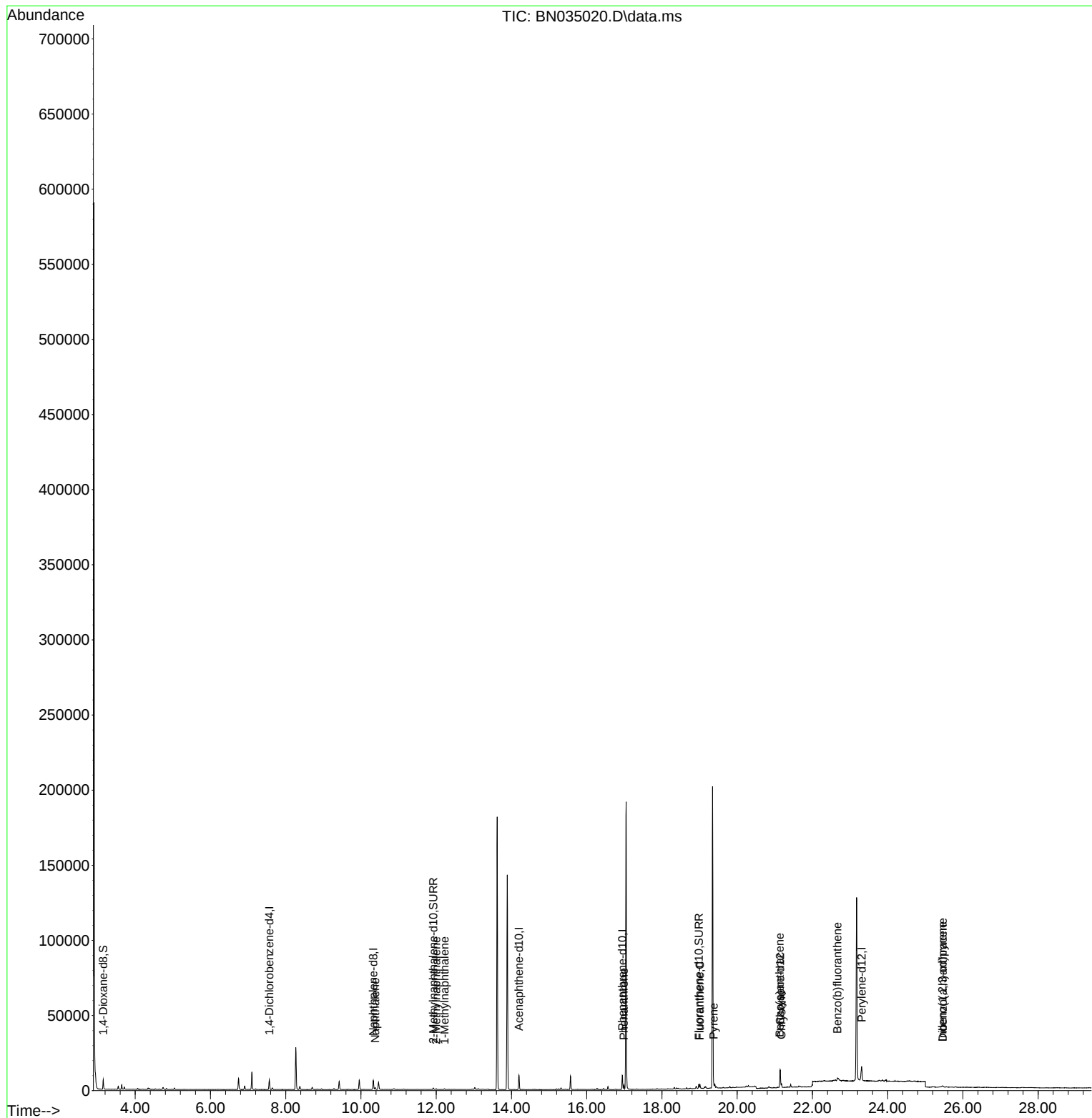
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035020.D
Acq On : 12 Nov 2024 00:14
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Sample : P4636-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

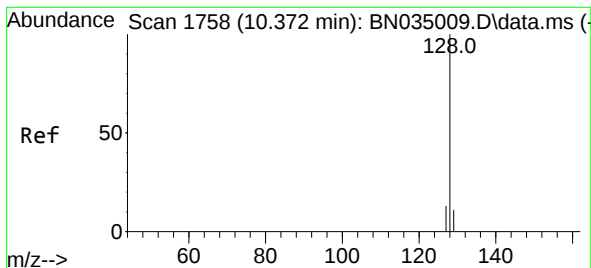
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.083 ng/ul

RT: 10.377 min Scan# 1758

Delta R.T. -0.011 min

Lab File: BN035020.D

Acq: 12 Nov 2024 00:14

Instrument :

BNA_N

ClientSampleId :

CC0Q7

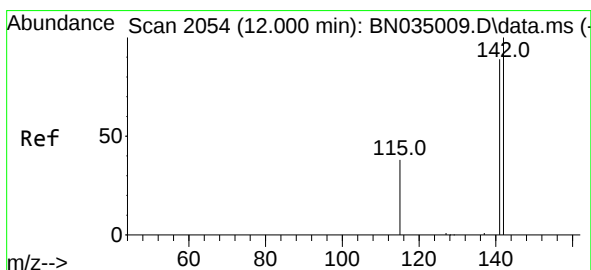
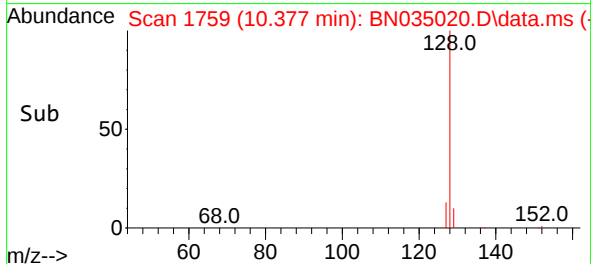
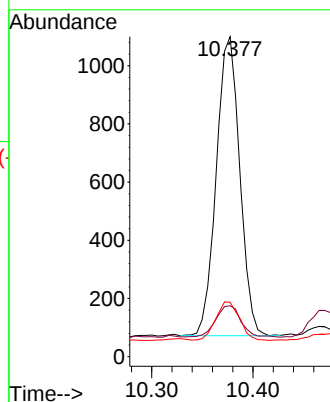
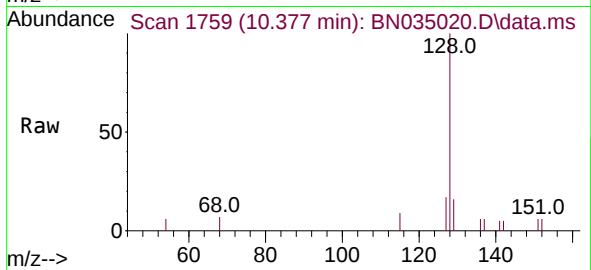
Tgt Ion:128	Resp:	165
Ion Ratio	Lower	Upper
128	100	
129	15.9	10.1 15.1
127	17.0	12.1 18.1

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#7

2-Methylnaphthalene

Concen: 0.025 ng/ul

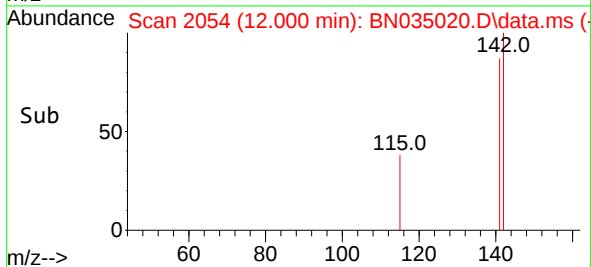
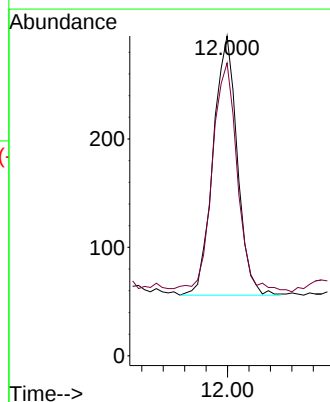
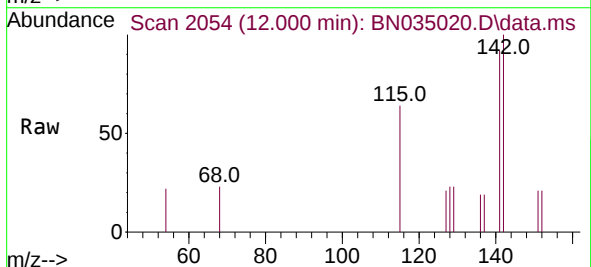
RT: 12.000 min Scan# 2054

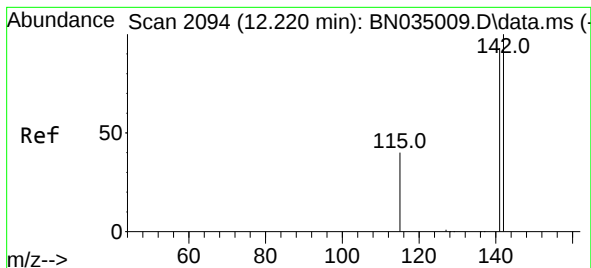
Delta R.T. -0.011 min

Lab File: BN035020.D

Acq: 12 Nov 2024 00:14

Tgt Ion:142	Resp:	373
Ion Ratio	Lower	Upper
142	100	
141	92.0	70.8 106.2





#8

1-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 12.220 min Scan# 2094

Delta R.T. -0.011 min

Lab File: BN035020.D

Acq: 12 Nov 2024 00:14

Instrument :

BNA_N

ClientSampleId :

CC0Q7

Tgt Ion:142 Resp: 337

Ion Ratio Lower Upper

142 100

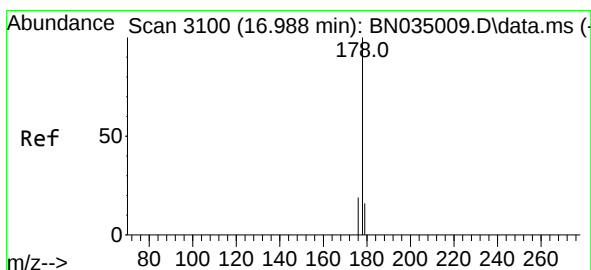
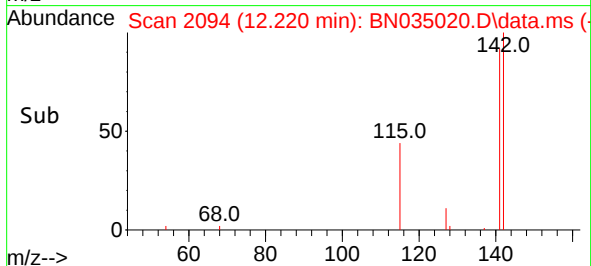
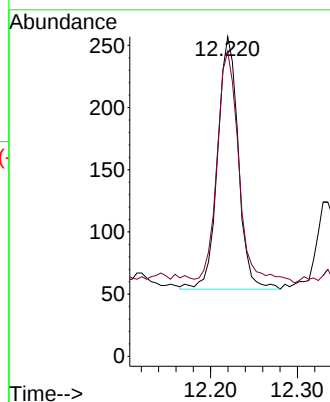
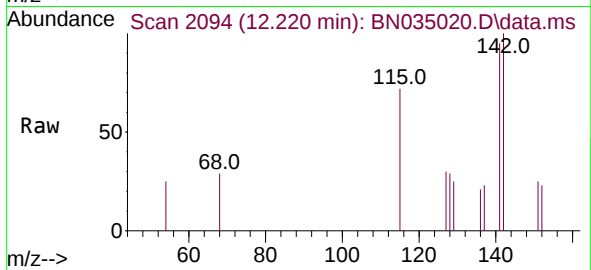
141 96.7 74.6 111.8

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#15

Phenanthrene

Concen: 0.105 ng/ul

RT: 16.987 min Scan# 3100

Delta R.T. -0.008 min

Lab File: BN035020.D

Acq: 12 Nov 2024 00:14

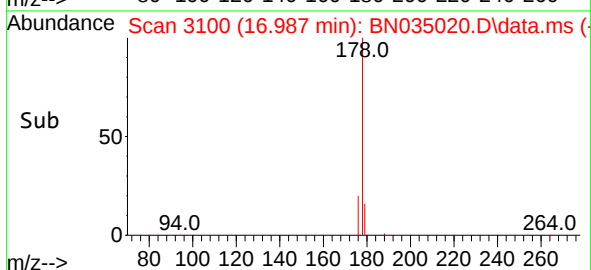
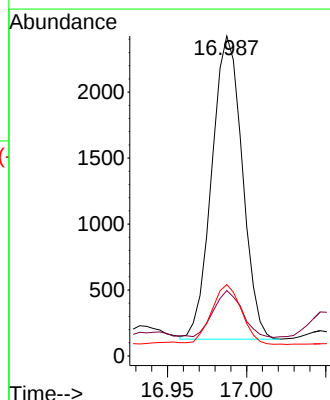
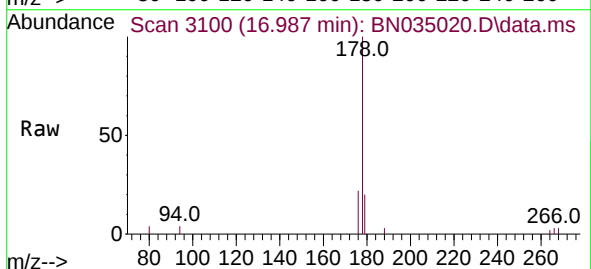
Tgt Ion:178 Resp: 3077

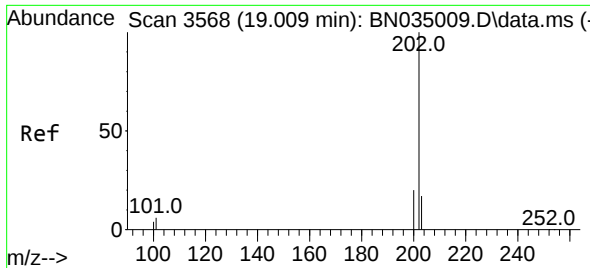
Ion Ratio Lower Upper

178 100

179 20.4 13.4 20.2#

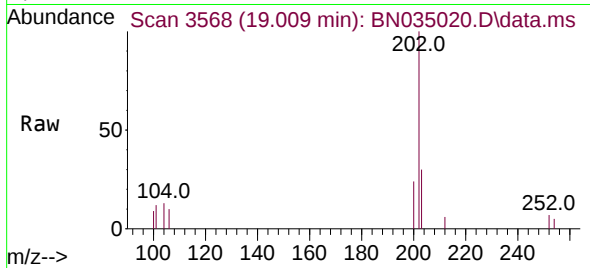
176 22.3 15.8 23.6





#19
Fluoranthene
Concen: 0.067 ng/u1
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN035020.D
Acq: 12 Nov 2024 00:14

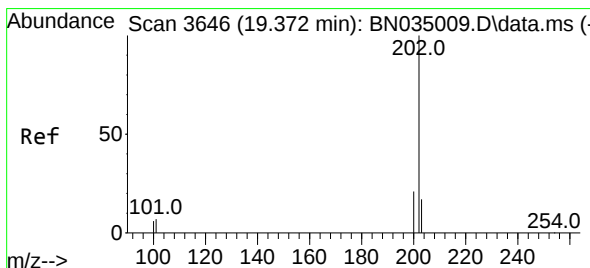
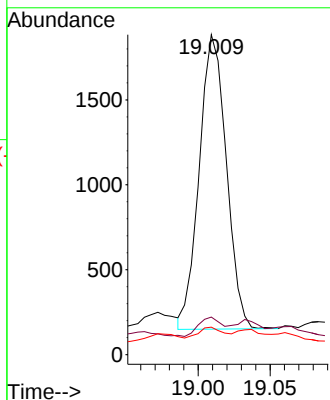
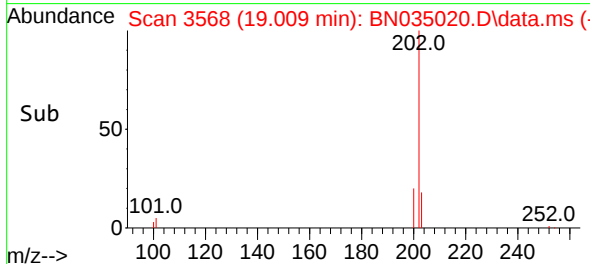
Instrument :
BNA_N
ClientSampleId :
CC0Q7



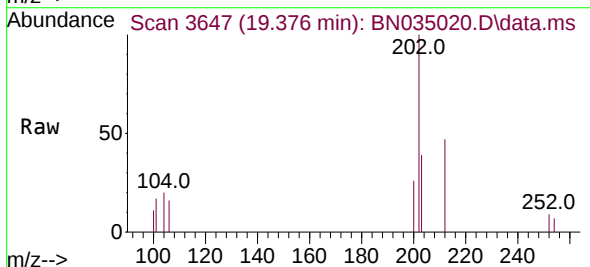
Tgt Ion:202 Resp: 2274
Ion Ratio Lower Upper
202 100
101 11.7 4.2 6.2#
100 8.6 3.2 4.8#

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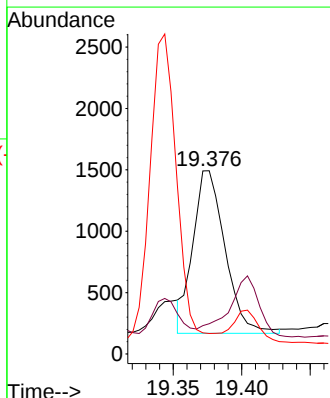
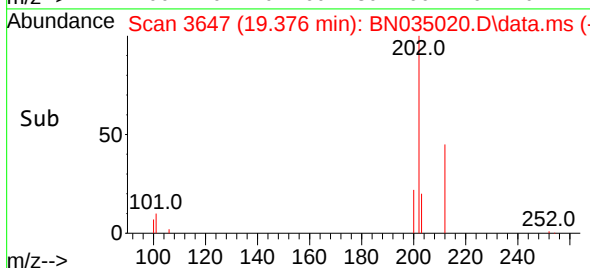
Reviewed By :Yogesh Patel 11/12/2024
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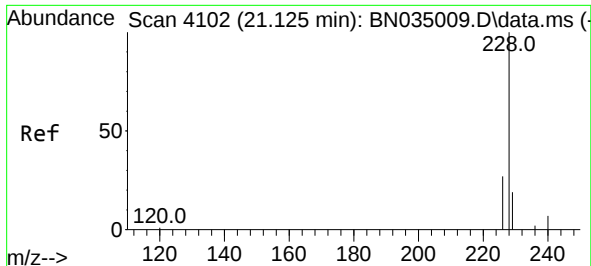


#20
Pyrene
Concen: 0.062 ng/u1 m
RT: 19.376 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN035020.D
Acq: 12 Nov 2024 00:14



Tgt Ion:202 Resp: 2159
Ion Ratio Lower Upper
202 100
101 16.6 5.0 7.4#
100 11.2 4.1 6.1#





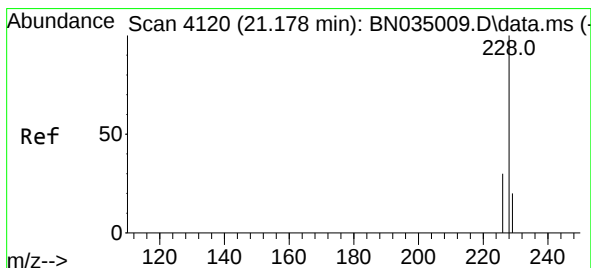
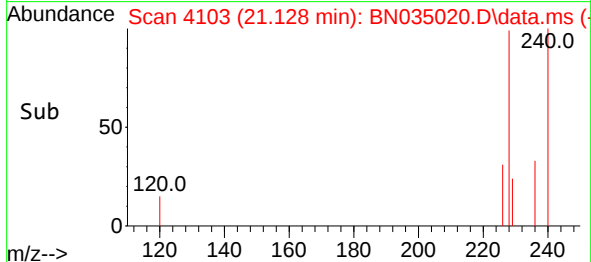
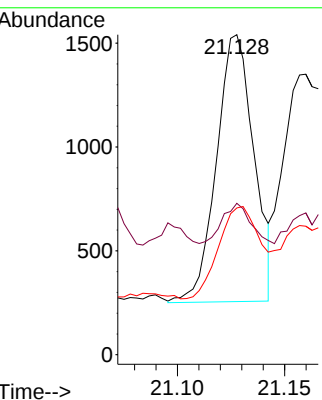
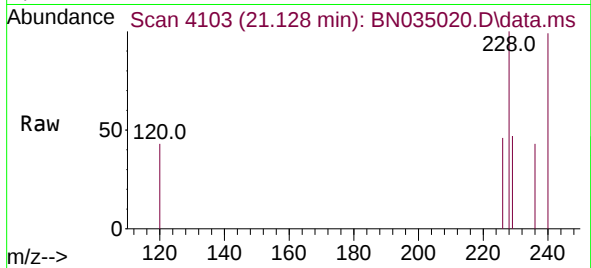
#21
Benzo(a)anthracene
Concen: 0.043 ng/ul
RT: 21.128 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BN035020.D
Acq: 12 Nov 2024 00:14

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 1562
Ion Ratio Lower Upper
228 100
229 47.3 15.8 23.8#
226 45.9 22.2 33.2#

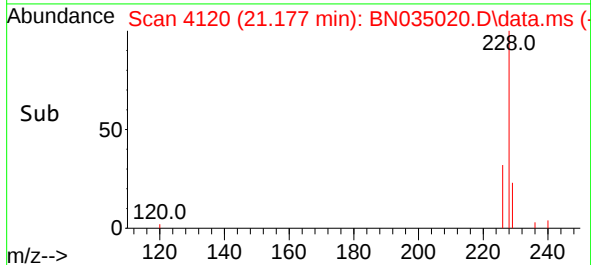
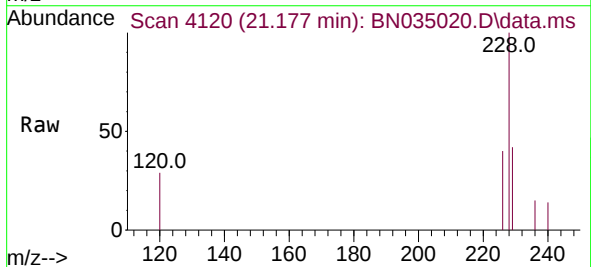
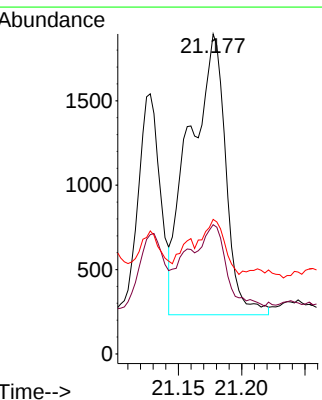
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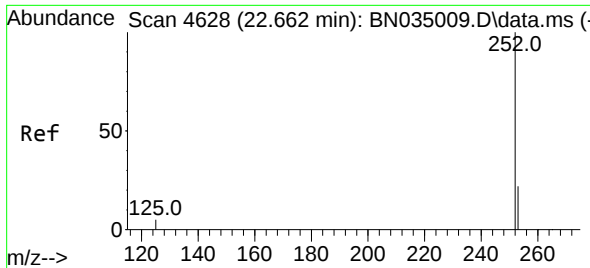
Reviewed By :Yogesh Patel 11/12/2024
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#22
Chrysene
Concen: 0.089 ng/ul m
RT: 21.177 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN035020.D
Acq: 12 Nov 2024 00:14

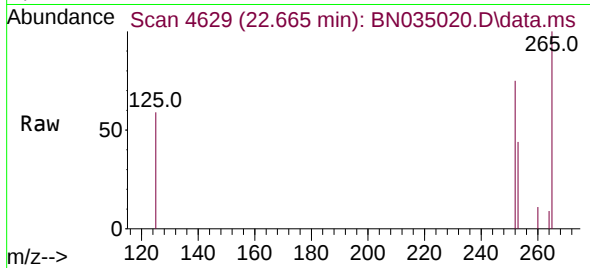
Tgt Ion:228 Resp: 3312
Ion Ratio Lower Upper
228 100
226 40.4 24.2 36.4#
229 42.0 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.076 ng/ul m
RT: 22.665 min Scan# 4628
Delta R.T. -0.006 min
Lab File: BN035020.D
Acq: 12 Nov 2024 00:14

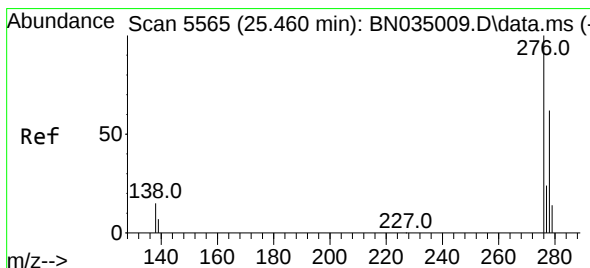
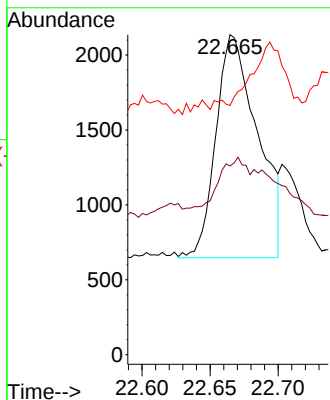
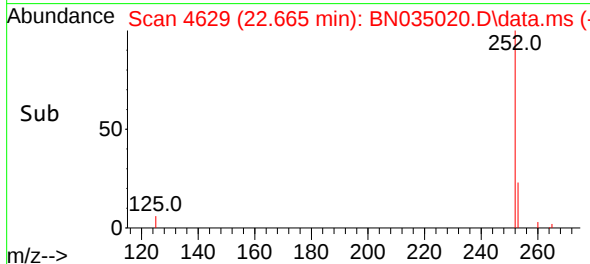
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BNA_N
ClientSampleId :
CC0Q7



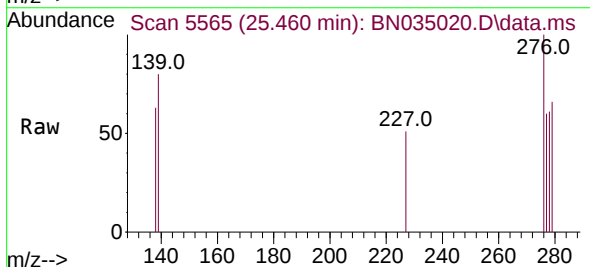
Tgt Ion:252 Resp: 3178
Ion Ratio Lower Upper
252 100
253 58.9 0.0 50.0#
125 77.9 0.0 14.0#

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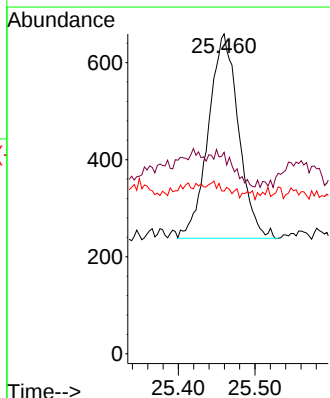
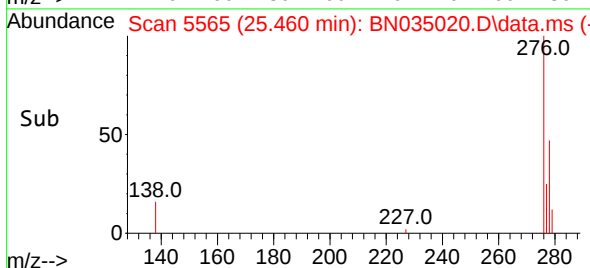
Reviewed By :Yogesh Patel 11/12/2024
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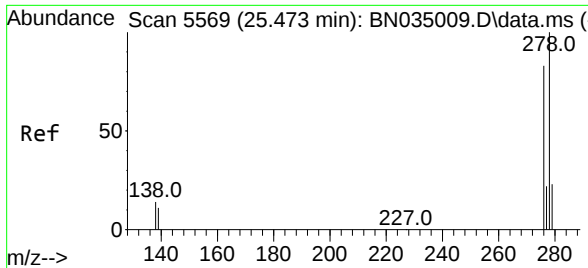


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul
RT: 25.460 min Scan# 5565
Delta R.T. -0.010 min
Lab File: BN035020.D
Acq: 12 Nov 2024 00:14



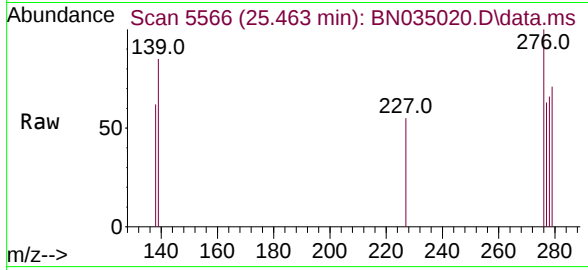
Tgt Ion:276 Resp: 1152
Ion Ratio Lower Upper
276 100
138 0.0 10.8 16.2#
227 5.4 0.2 0.4#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.020 ng/ul
 RT: 25.463 min Scan# 51
 Delta R.T. -0.023 min
 Lab File: BN035020.D
 Acq: 12 Nov 2024 00:14

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion: 278 Resp: 715

Ion	Ratio	Lower	Upper
278	100		
139	127.2	8.4	12.6
279	107.5	21.5	32.3

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