

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111524\
 Data File : BN035119.D
 Acq On : 15 Nov 2024 23:36
 Operator : RC/JU
 Sample : P4761-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A0AN0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 15 23:59:59 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 : Wed Nov 13 00:41:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	2506	0.400	ng/ul	0.00
4) Naphthalene-d8	10.311	136	6502	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.185	164	5173	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	12024m	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	11783	0.400	ng/ul	# 0.00
23) Perylene-d12	23.299	264	12450m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	12982	5.444	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	4012	0.403	ng/ul	-0.01
18) Fluoranthene-d10	18.972	212	13861	0.458	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.361	128	12256	0.753	ng/ul	98
7) 2-Methylnaphthalene	11.983	142	2114	0.174	ng/ul	99
8) 1-Methylnaphthalene	12.203	142	3138	0.257	ng/ul	98
11) Acenaphthene	14.250	153	19943	1.245	ng/ul	97
12) Fluorene	15.240	166	31172	1.529	ng/ul	99
14) Pentachlorophenol	16.591	266	104	0.037	ng/ul	89
15) Phenanthrene	16.979	178	235313	7.324	ng/ul	98
16) Anthracene	17.068	178	49287	1.632	ng/ul	98
19) Fluoranthene	19.000	202	117303	2.979	ng/ul#	97
20) Pyrene	19.367	202	77665	1.902	ng/ul	97
21) Benzo(a)anthracene	21.119	228	5923	0.139	ng/ul#	88
22) Chrysene	21.169	228	4981	0.114	ng/ul#	83

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

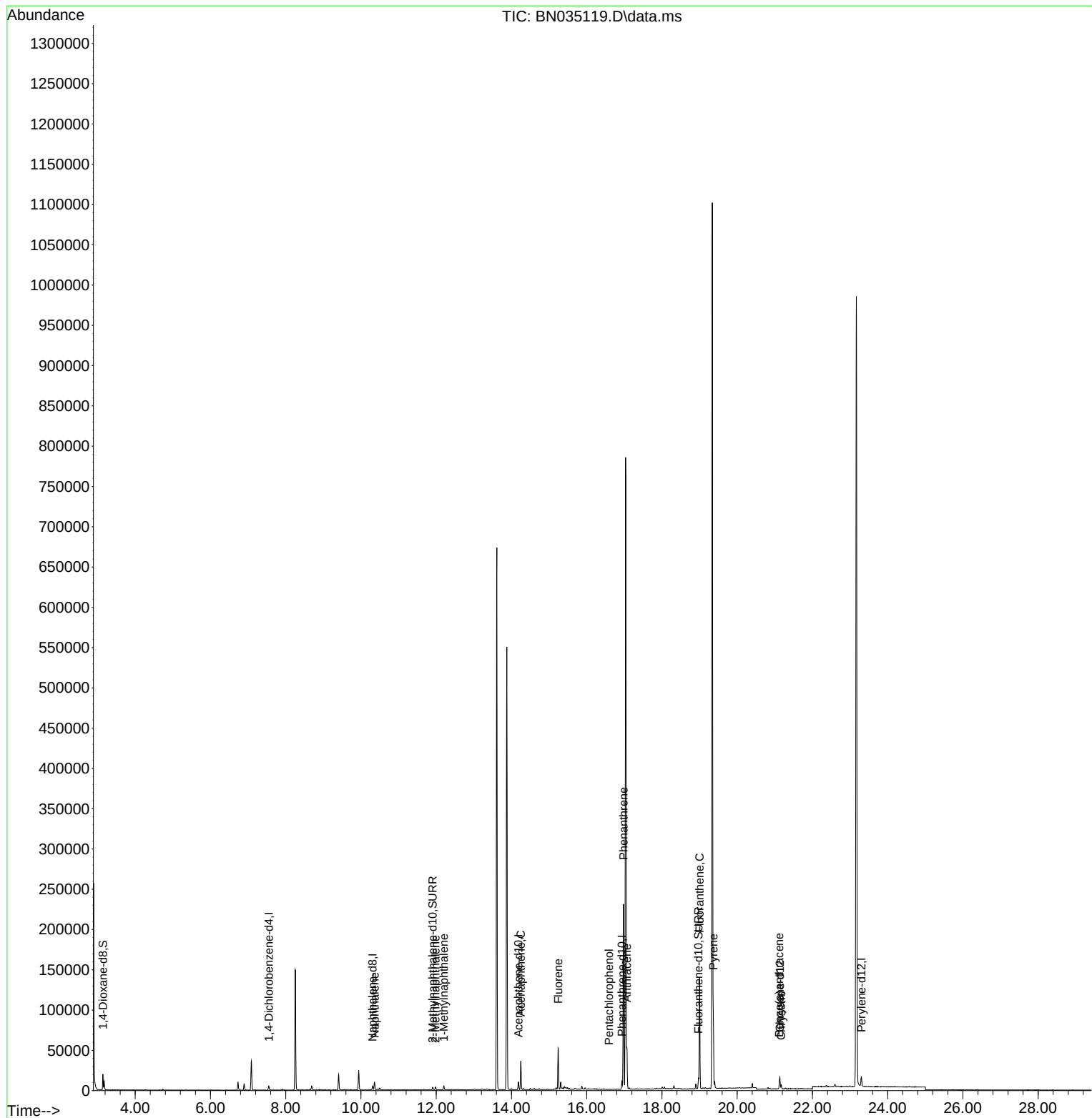
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111524\
Data File : BN035119.D
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ALS Vial : 25 Sample Multiplier: 1

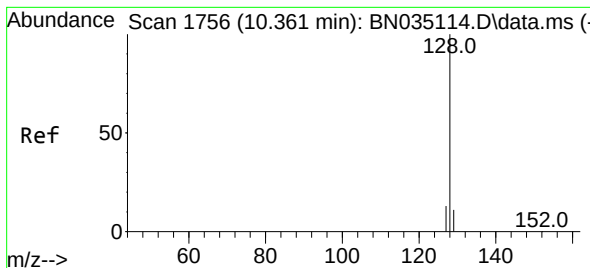
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#5

Naphthalene

Concen: 0.753 ng/ul

RT: 10.361 min Scan# 1756

Delta R.T. -0.011 min

Lab File: BN035119.D

Acq: 15 Nov 2024 23:36

Instrument :

BNA_N

ClientSampleId :

A0AN0

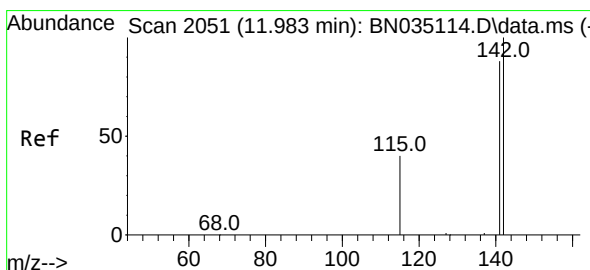
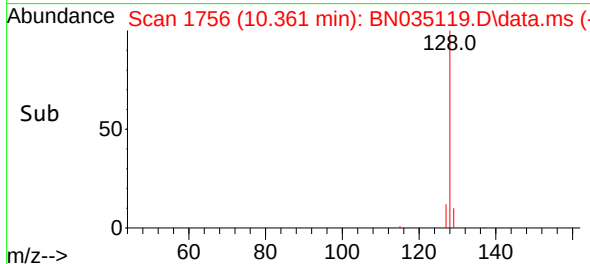
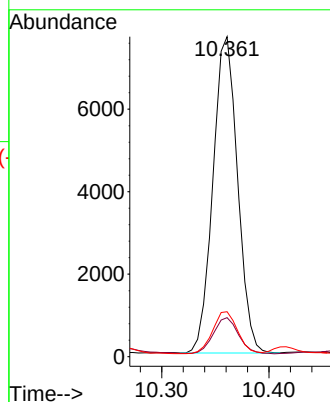
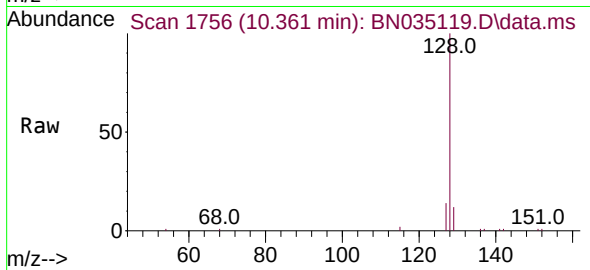
Tgt Ion:	128	Resp:	1225
Ion Ratio	Lower	Upper	
128	100		
129	12.2	10.1	15.1
127	14.1	12.1	18.1

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#7

2-Methylnaphthalene

Concen: 0.174 ng/ul

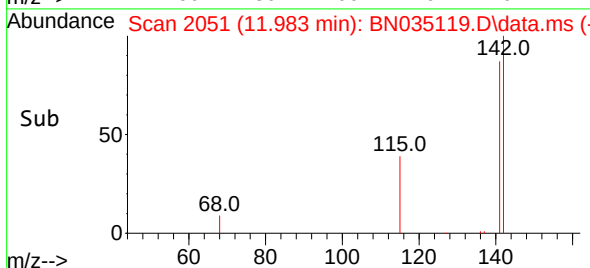
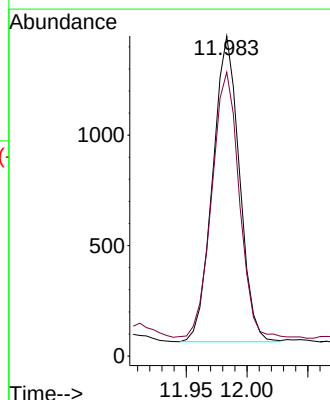
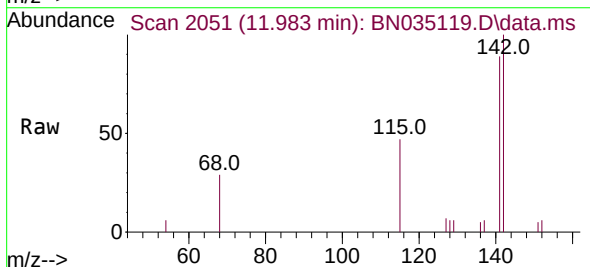
RT: 11.983 min Scan# 2051

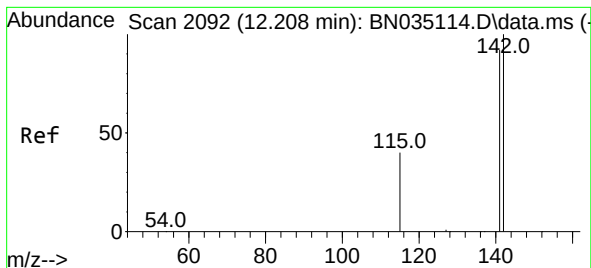
Delta R.T. -0.011 min

Lab File: BN035119.D

Acq: 15 Nov 2024 23:36

Tgt Ion:	142	Resp:	2114
Ion Ratio	Lower	Upper	
142	100		
141	89.5	70.8	106.2





#8

1-Methylnaphthalene

Concen: 0.257 ng/ul

RT: 12.203 min Scan# 2091

Delta R.T. -0.011 min

Lab File: BN035119.D

Acq: 15 Nov 2024 23:36

Instrument :

BNA_N

ClientSampleId :

A0AN0

Tgt Ion:142 Resp: 3138

Ion Ratio Lower Upper

142 100

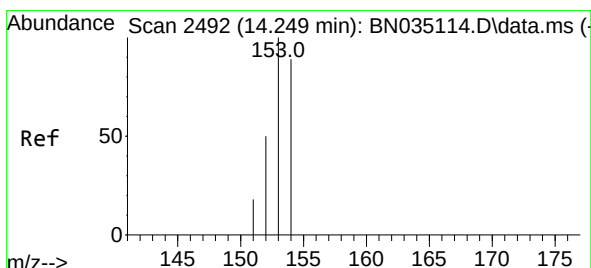
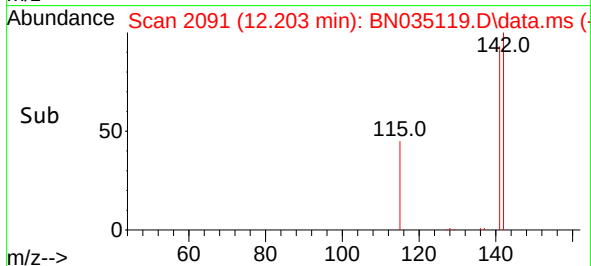
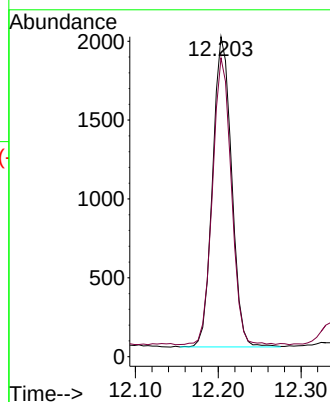
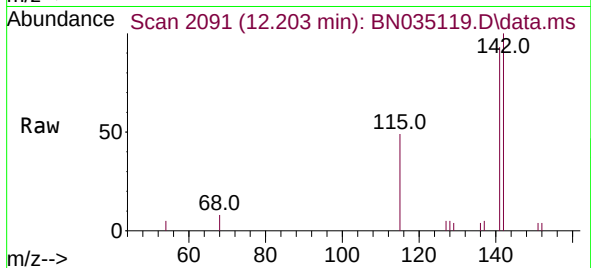
141 91.7 74.6 111.8

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#11

Acenaphthene

Concen: 1.245 ng/ul

RT: 14.250 min Scan# 2492

Delta R.T. -0.009 min

Lab File: BN035119.D

Acq: 15 Nov 2024 23:36

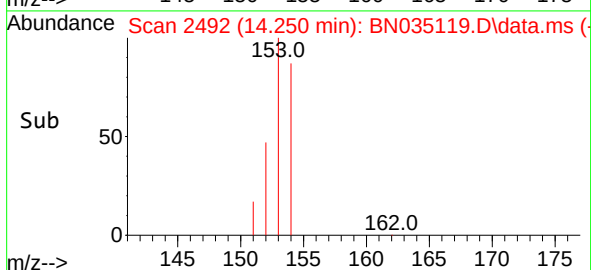
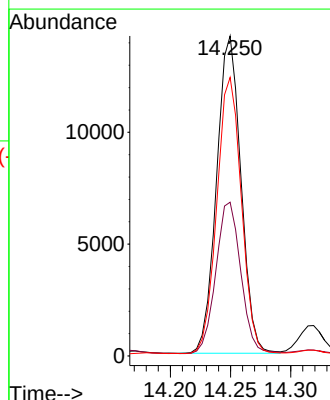
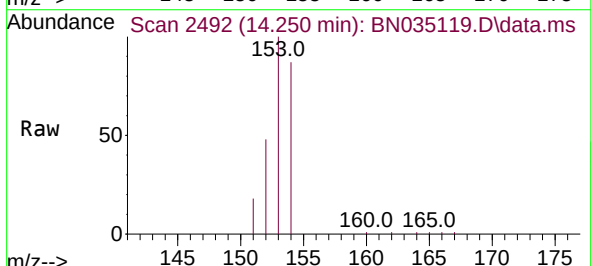
Tgt Ion:153 Resp: 19943

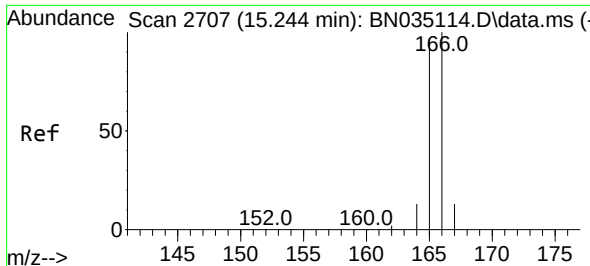
Ion Ratio Lower Upper

153 100

152 48.1 41.5 62.3

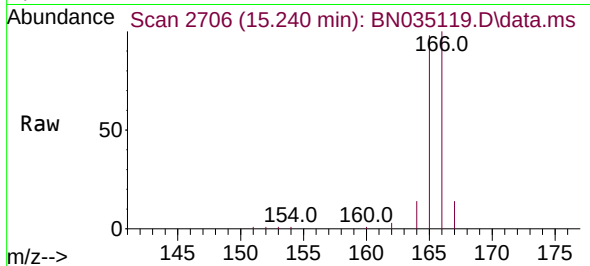
154 87.0 70.9 106.3





#12
Fluorene
Concen: 1.529 ng/ul
RT: 15.240 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BN035119.D
Acq: 15 Nov 2024 23:36

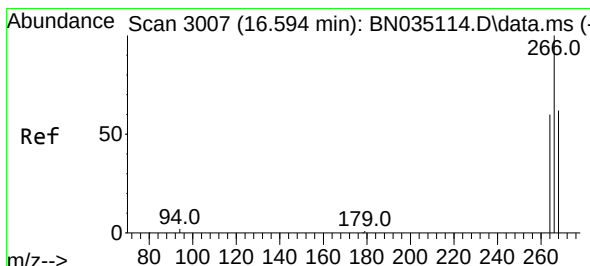
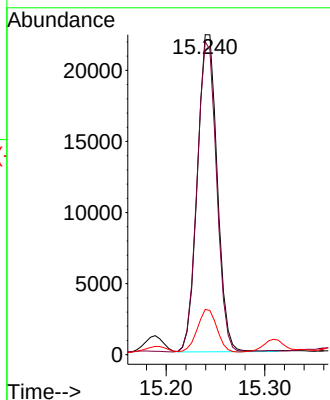
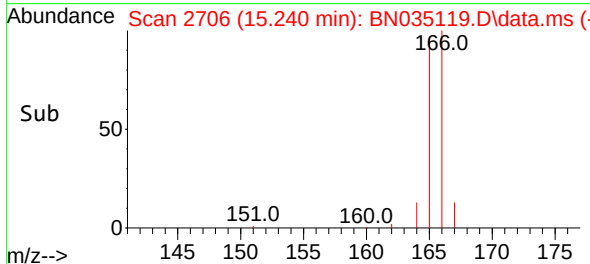
Instrument :
BNA_N
ClientSampleId :
A0AN0



Tgt Ion:166 Resp: 3117
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.4
167 14.1 11.8 17.6

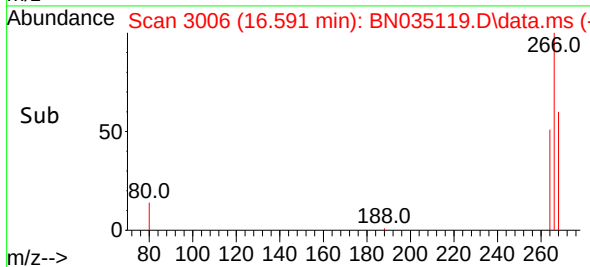
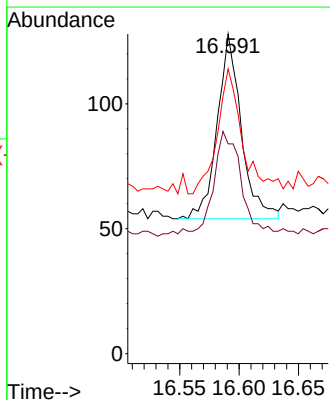
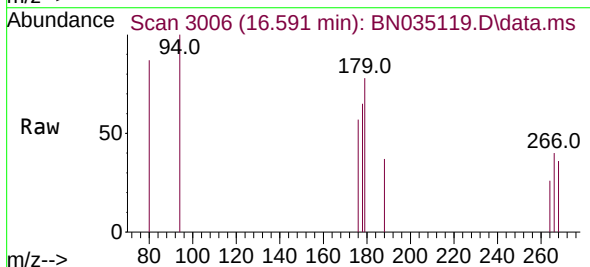
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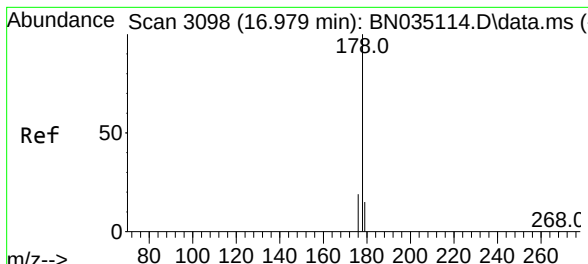
Reviewed By :Yogesh Patel 11/18/2024
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#14
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 16.591 min Scan# 3006
Delta R.T. -0.004 min
Lab File: BN035119.D
Acq: 15 Nov 2024 23:36

Tgt Ion:266 Resp: 104
Ion Ratio Lower Upper
266 100
264 68.3 50.2 75.2
268 71.2 48.4 72.6





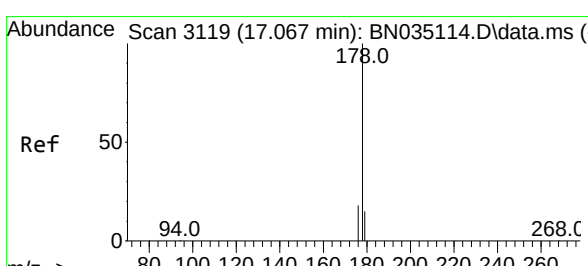
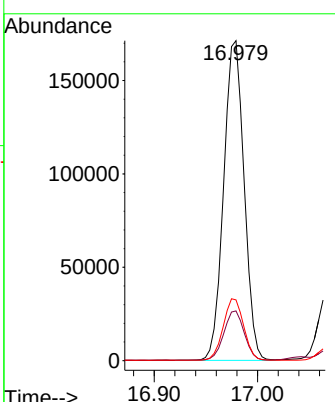
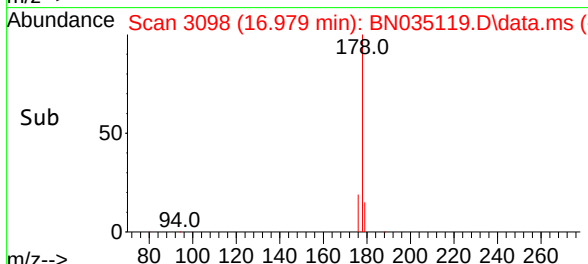
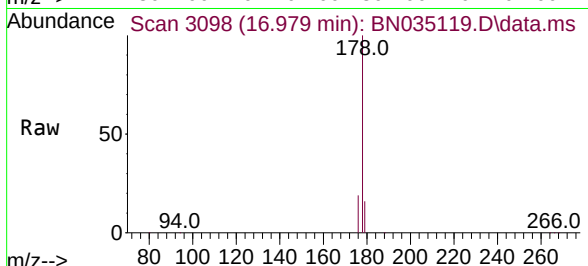
#15
 Phenanthrene
 Concen: 7.324 ng/ul
 RT: 16.979 min Scan# 3098
 Delta R.T. -0.004 min
 Lab File: BN035119.D
 Acq: 15 Nov 2024 23:36

Instrument : BNA_N
 ClientSampleId : A0AN0

Tgt Ion:178 Resp: 23531

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	19.0	15.8	23.6

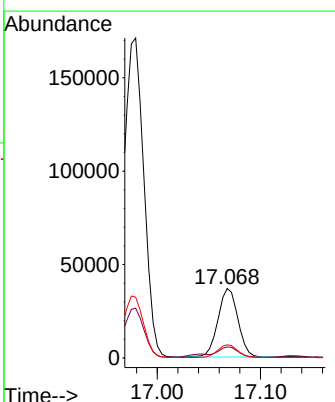
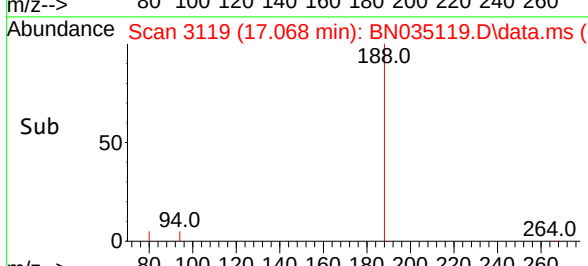
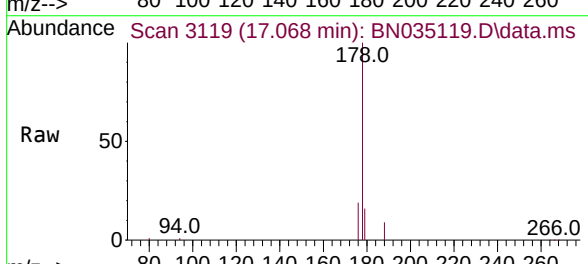
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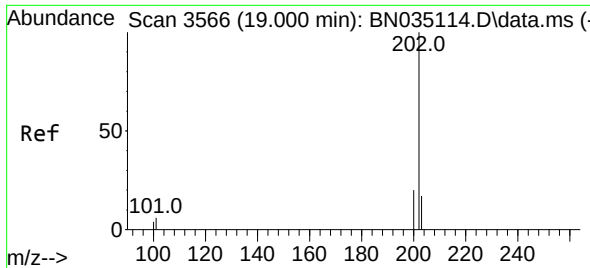


#16
 Anthracene
 Concen: 1.632 ng/ul
 RT: 17.068 min Scan# 3119
 Delta R.T. -0.004 min
 Lab File: BN035119.D
 Acq: 15 Nov 2024 23:36

Tgt Ion:178 Resp: 49287

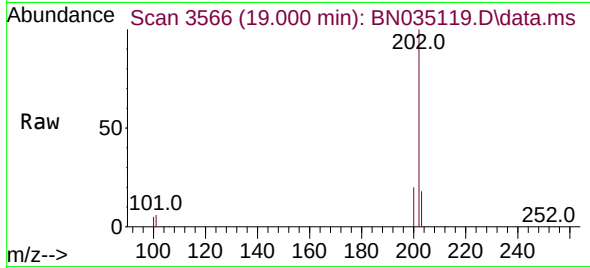
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.3	19.9
176	19.0	15.8	23.8





#19
Fluoranthene
Concen: 2.979 ng/u1
RT: 19.000 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BN035119.D
Acq: 15 Nov 2024 23:36

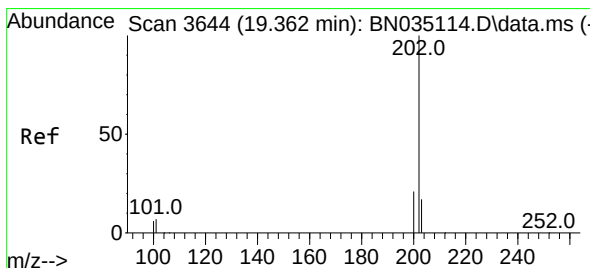
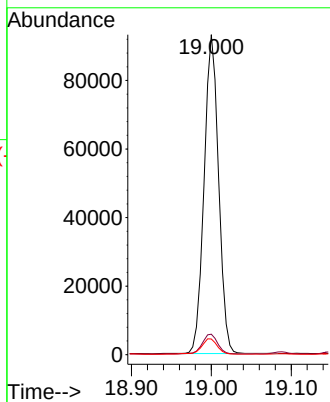
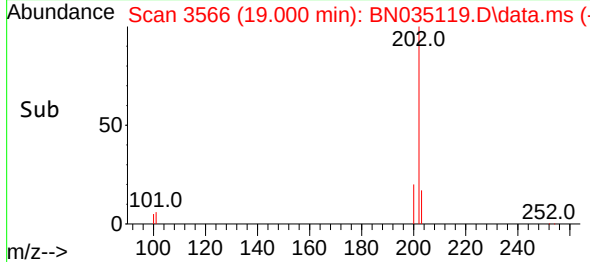
Instrument :
BNA_N
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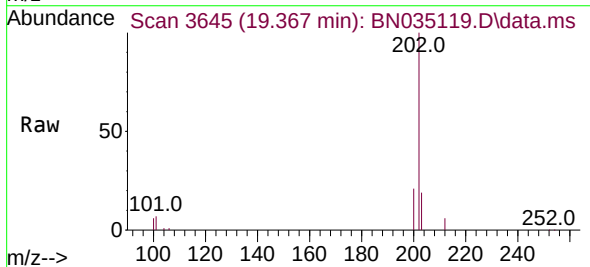
Tgt Ion:202 Resp: 117300
Ion Ratio Lower Upper
202 100
101 6.4 4.2 6.2
100 4.9 3.2 4.8

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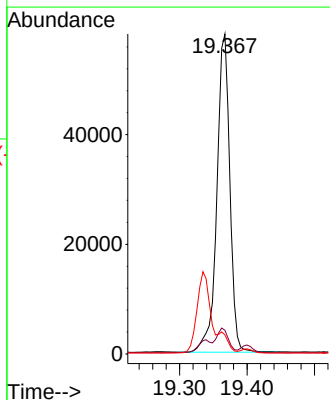
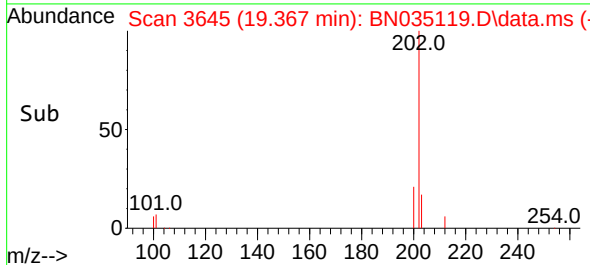
Reviewed By :Yogesh Patel 11/18/2024
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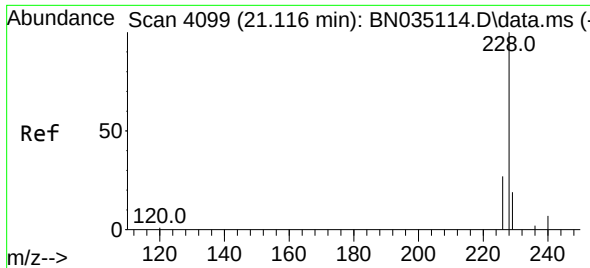


#20
Pyrene
Concen: 1.902 ng/u1
RT: 19.367 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BN035119.D
Acq: 15 Nov 2024 23:36



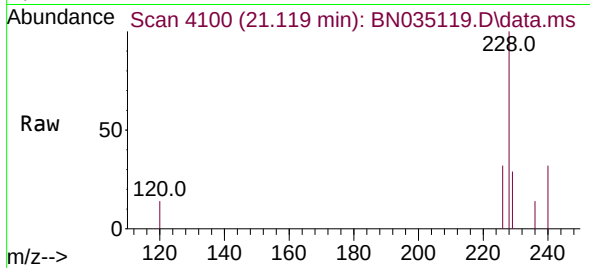
Tgt Ion:202 Resp: 77665
Ion Ratio Lower Upper
202 100
101 7.4 5.0 7.4
100 6.0 4.1 6.1





#21
Benzo(a)anthracene
Concen: 0.139 ng/ul
RT: 21.119 min Scan# 4119
Delta R.T. -0.003 min
Lab File: BN035119.D
Acq: 15 Nov 2024 23:36

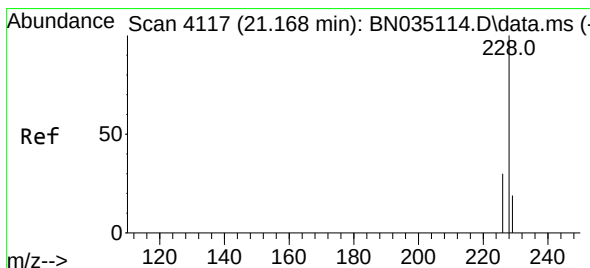
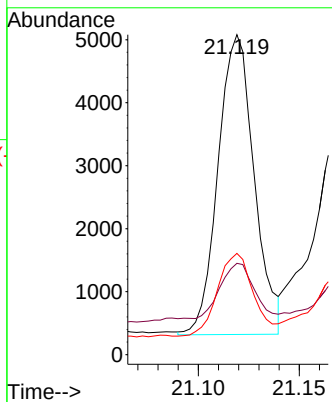
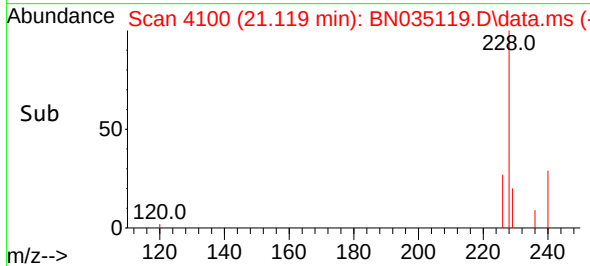
Instrument :
BNA_N
ClientSampleId :
A0AN0



Tgt Ion:228 Resp: 592
Ion Ratio Lower Upper
228 100
229 28.6 15.8 23.8
226 31.7 22.2 33.2

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#22
Chrysene
Concen: 0.114 ng/ul
RT: 21.169 min Scan# 4117
Delta R.T. -0.003 min
Lab File: BN035119.D
Acq: 15 Nov 2024 23:36

Tgt Ion:228 Resp: 4981
Ion Ratio Lower Upper
228 100
226 35.5 24.2 36.4
229 31.7 15.4 23.2

