

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035649.D
 Acq On : 17 Dec 2024 11:48
 Operator : RC/JU
 Sample : P5232-05DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 17 14:45:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2409	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7198	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5222	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10909	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	9976	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	10524m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1336	0.626	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	486	0.047	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	1475	0.051	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.080	128	466m	0.026	ng/ul	
7) 2-Methylnaphthalene	11.708	142	2273	0.191	ng/ul	98
8) 1-Methylnaphthalene	11.934	142	1945	0.158	ng/ul	93
12) Fluorene	15.013	166	1894	0.106	ng/ul#	75
15) Phenanthrene	16.755	178	10767	0.394	ng/ul#	86
19) Fluoranthene	18.800	202	1799	0.050	ng/ul#	70
20) Pyrene	19.167	202	2110	0.054	ng/ul#	82
22) Chrysene	20.979	228	2301m	0.067	ng/ul	

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

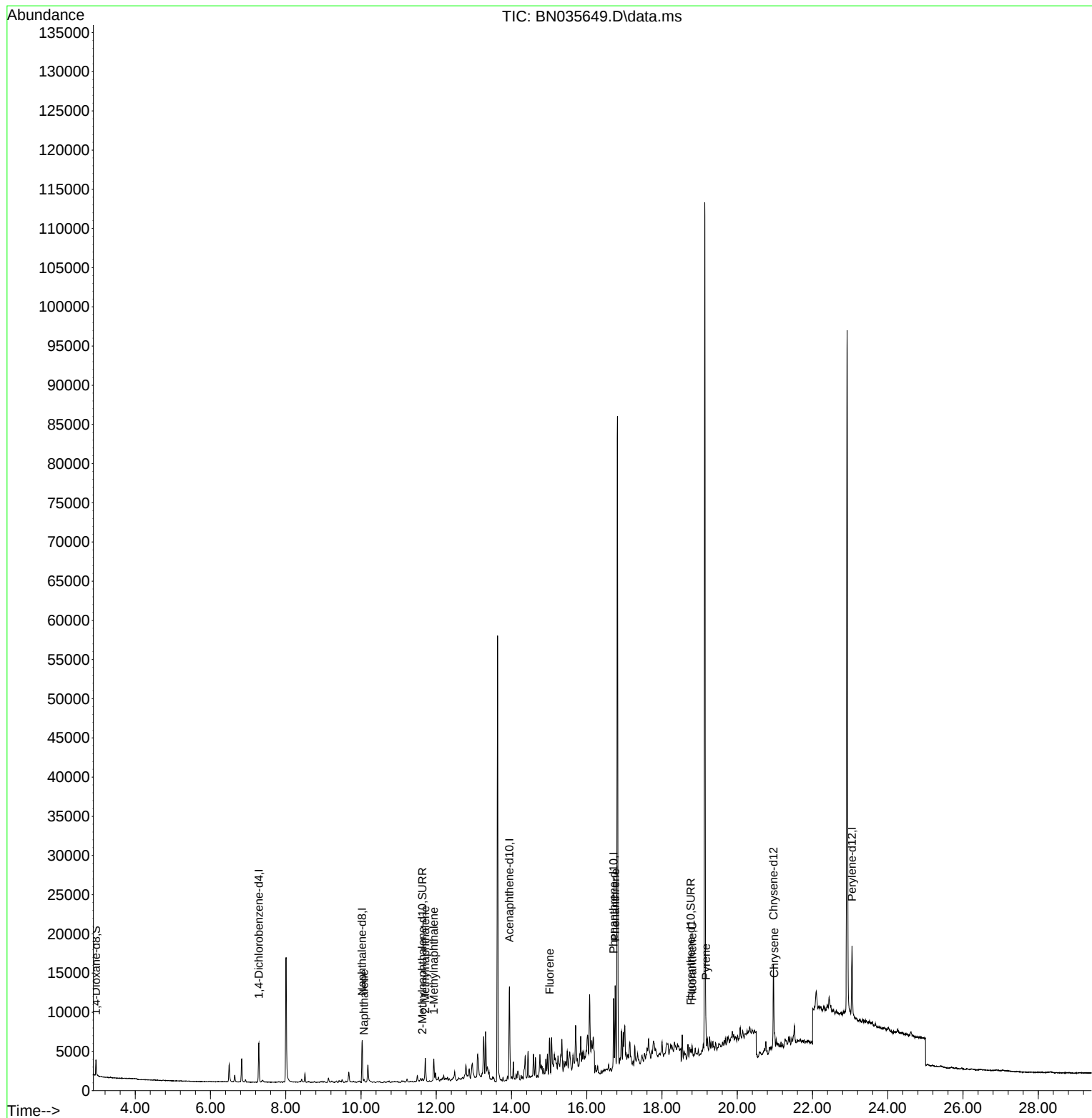
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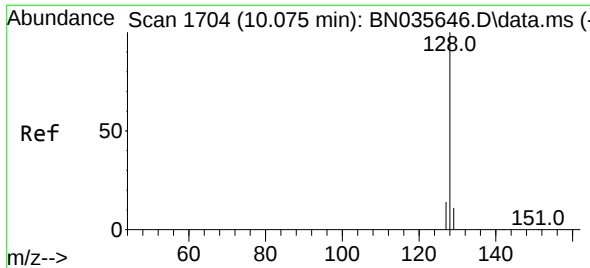
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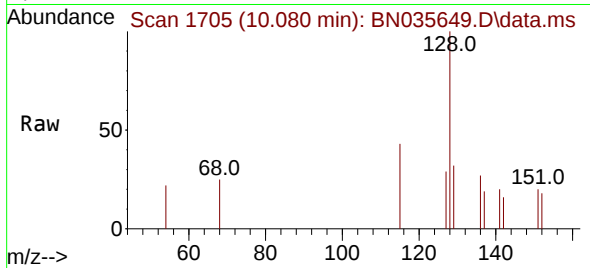
Quant Time: Dec 17 14:45:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#5
Naphthalene
Concen: 0.026 ng/ul m
RT: 10.080 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN035649.D
Acq: 17 Dec 2024 11:48

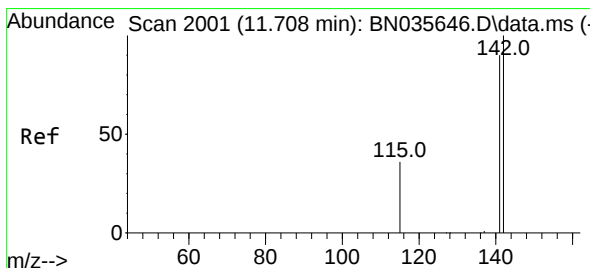
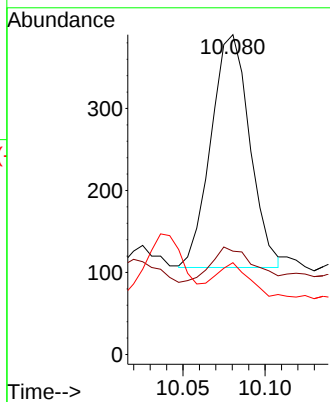
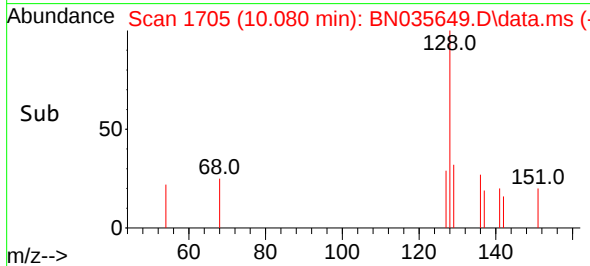
Instrument :
BNA_N
ClientSampleId :
E28R9DL



Tgt Ion:128 Resp: 460
Ion Ratio Lower Upper
128 100
129 32.3 10.8 16.2
127 28.7 12.0 18.0

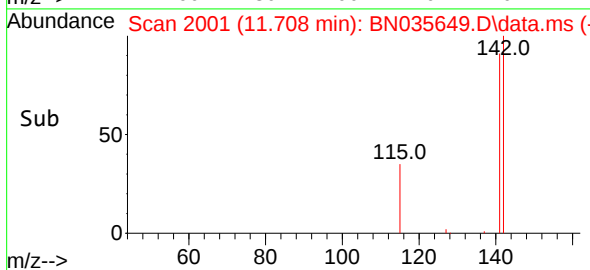
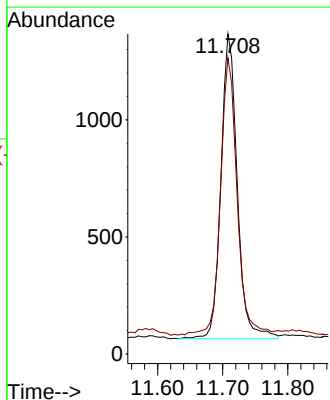
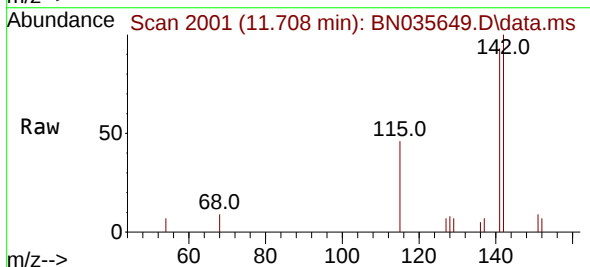
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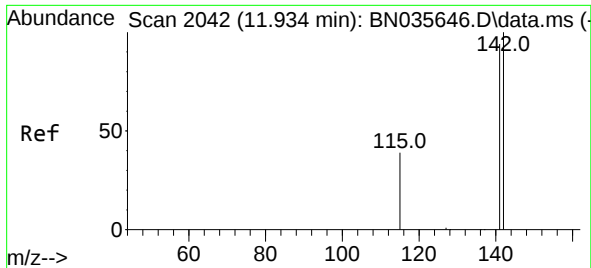
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035649.D
Acq: 17 Dec 2024 11:48

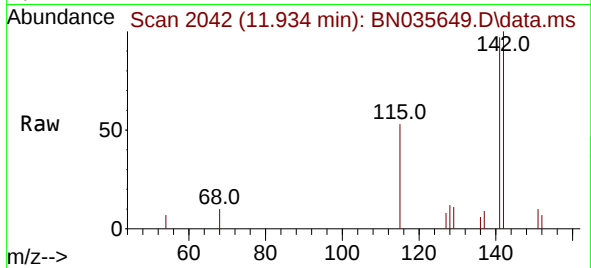
Tgt Ion:142 Resp: 2273
Ion Ratio Lower Upper
142 100
141 92.4 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.158 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035649.D
Acq: 17 Dec 2024 11:48

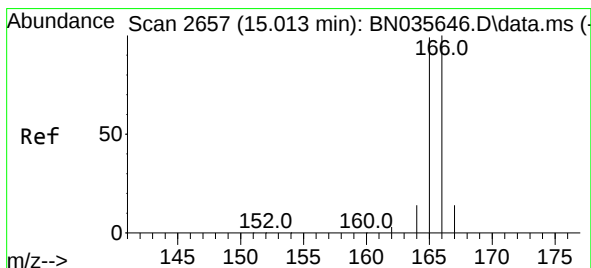
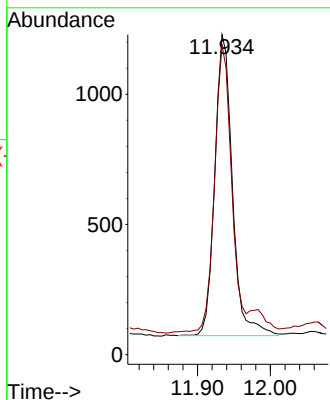
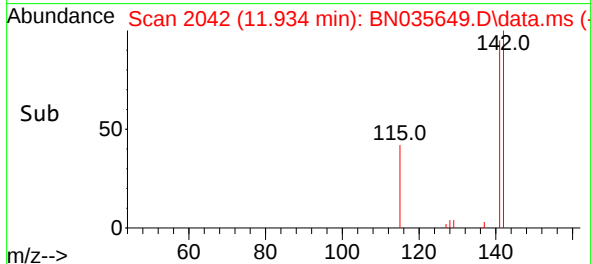
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Tgt Ion:142 Resp: 1945
Ion Ratio Lower Upper
142 100
141 100.2 74.7 112.1

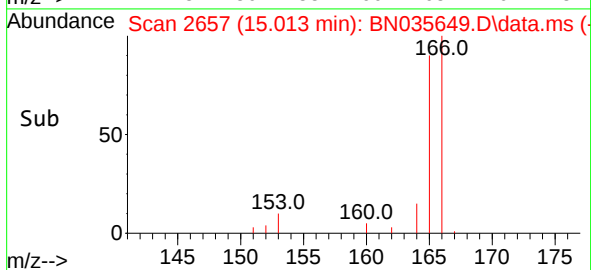
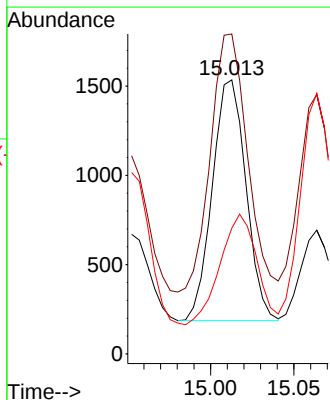
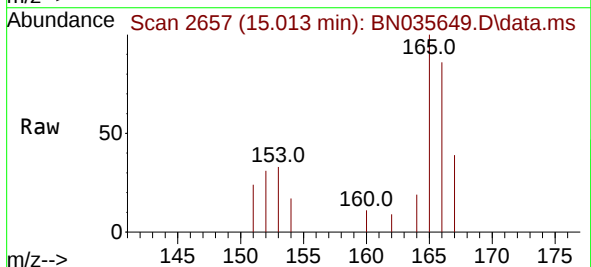
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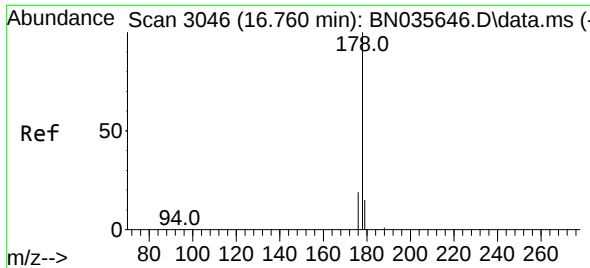
Reviewed By :Yogesh Patel 12/18/2024
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#12
Fluorene
Concen: 0.106 ng/ul
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035649.D
Acq: 17 Dec 2024 11:48

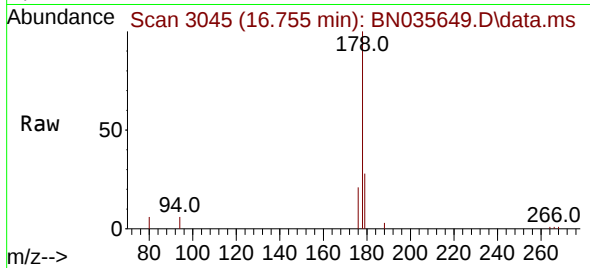
Tgt Ion:166 Resp: 1894
Ion Ratio Lower Upper
166 100
165 116.7 79.5 119.3
167 45.9 11.8 17.8#





#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035649.D
Acq: 17 Dec 2024 11:48

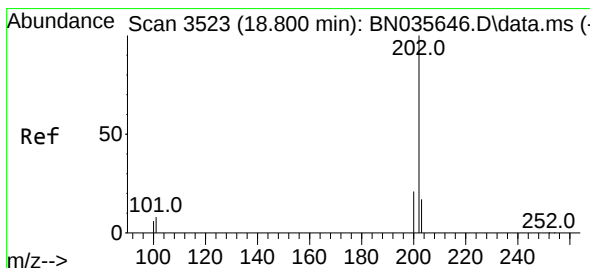
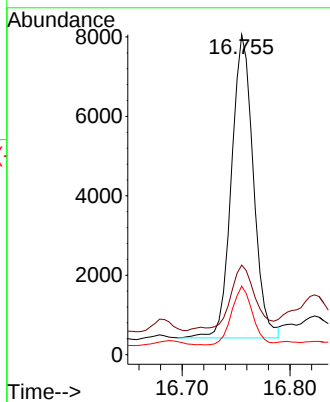
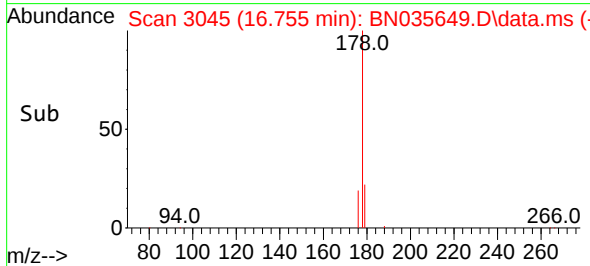
Instrument :
BNA_N
ClientSampleId :
E28R9DL



Tgt Ion:178 Resp: 1076
Ion Ratio Lower Upper
178 100
179 28.0 13.3 19.9#
176 21.4 15.8 23.8

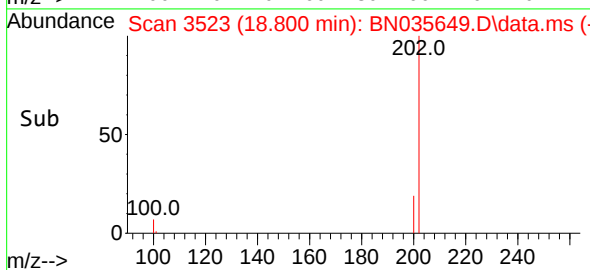
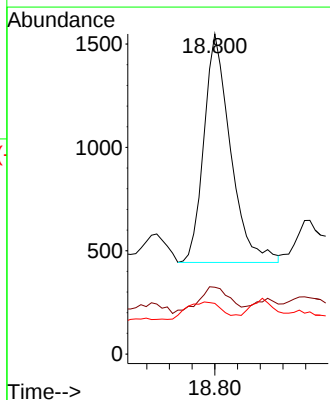
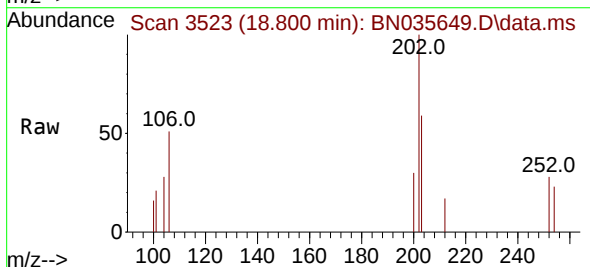
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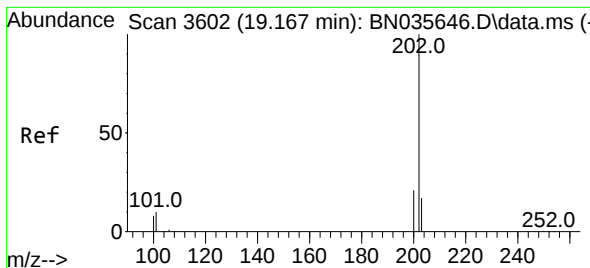
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#19
Fluoranthene
Concen: 0.050 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035649.D
Acq: 17 Dec 2024 11:48

Tgt Ion:202 Resp: 1799
Ion Ratio Lower Upper
202 100
101 20.9 7.3 10.9#
100 15.8 5.4 8.0#





#20

Pyrene

Concen: 0.054 ng/ul

RT: 19.167 min Scan# 30

Delta R.T. 0.000 min

Lab File: BN035649.D

Acq: 17 Dec 2024 11:48

Instrument :

BNA_N

ClientSampleId :

E28R9DL

Tgt Ion:202 Resp: 2110

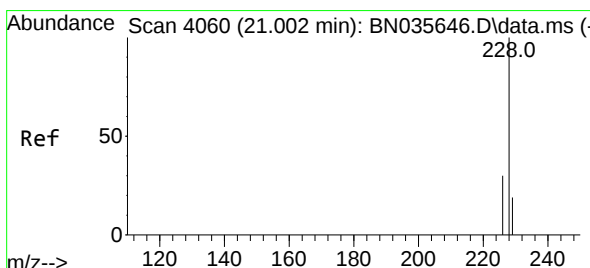
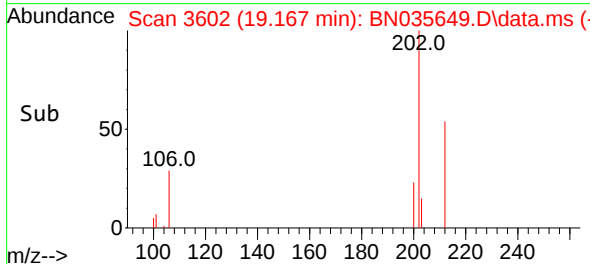
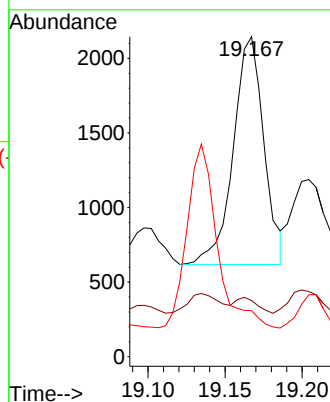
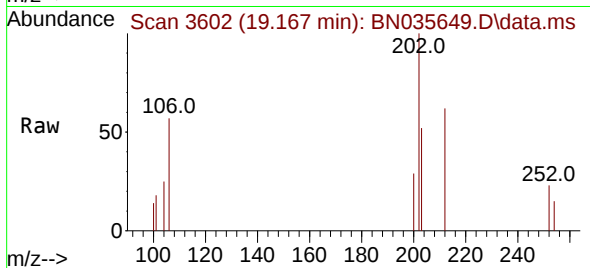
Ion	Ratio	Lower	Upper
202	100		
101	17.6	8.5	12.7#
100	14.4	6.5	9.7#

Manual Integrations

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Supervised By :mohammad ahmed 12/21/2024



#22

Chrysene

Concen: 0.067 ng/ul m

RT: 20.979 min Scan# 4052

Delta R.T. -0.020 min

Lab File: BN035649.D

Acq: 17 Dec 2024 11:48

Tgt Ion:228 Resp: 2301

Ion	Ratio	Lower	Upper
228	100		
226	56.7	25.1	37.7#
229	83.4	16.6	24.8#

