

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035667.D
 Acq On : 18 Dec 2024 12:41
 Operator : RC/JU
 Sample : P5155-23
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 18 13:32:44 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	7.280	152	2840	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	8219	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5816	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12296	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	10294	0.400	ng/ul	# 0.00
23) Perylene-d12	23.051	264	10527m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	8210	3.261	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2543	0.217	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	6859	0.228	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	504m	0.025	ng/ul	
7) 2-Methylnaphthalene	11.703	142	644	0.047	ng/ul	96
12) Fluorene	15.008	166	502	0.025	ng/ul#	75
15) Phenanthrene	16.755	178	2941	0.096	ng/ul#	39
16) Anthracene	16.844	178	902	0.031	ng/ul#	24
19) Fluoranthene	18.795	202	3088	0.084	ng/ul#	80
20) Pyrene	19.167	202	7219	0.178	ng/ul#	90
21) Benzo(a)anthracene	20.947	228	1343	0.039	ng/ul#	1
22) Chrysene	20.979	228	4530	0.128	ng/ul#	36

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

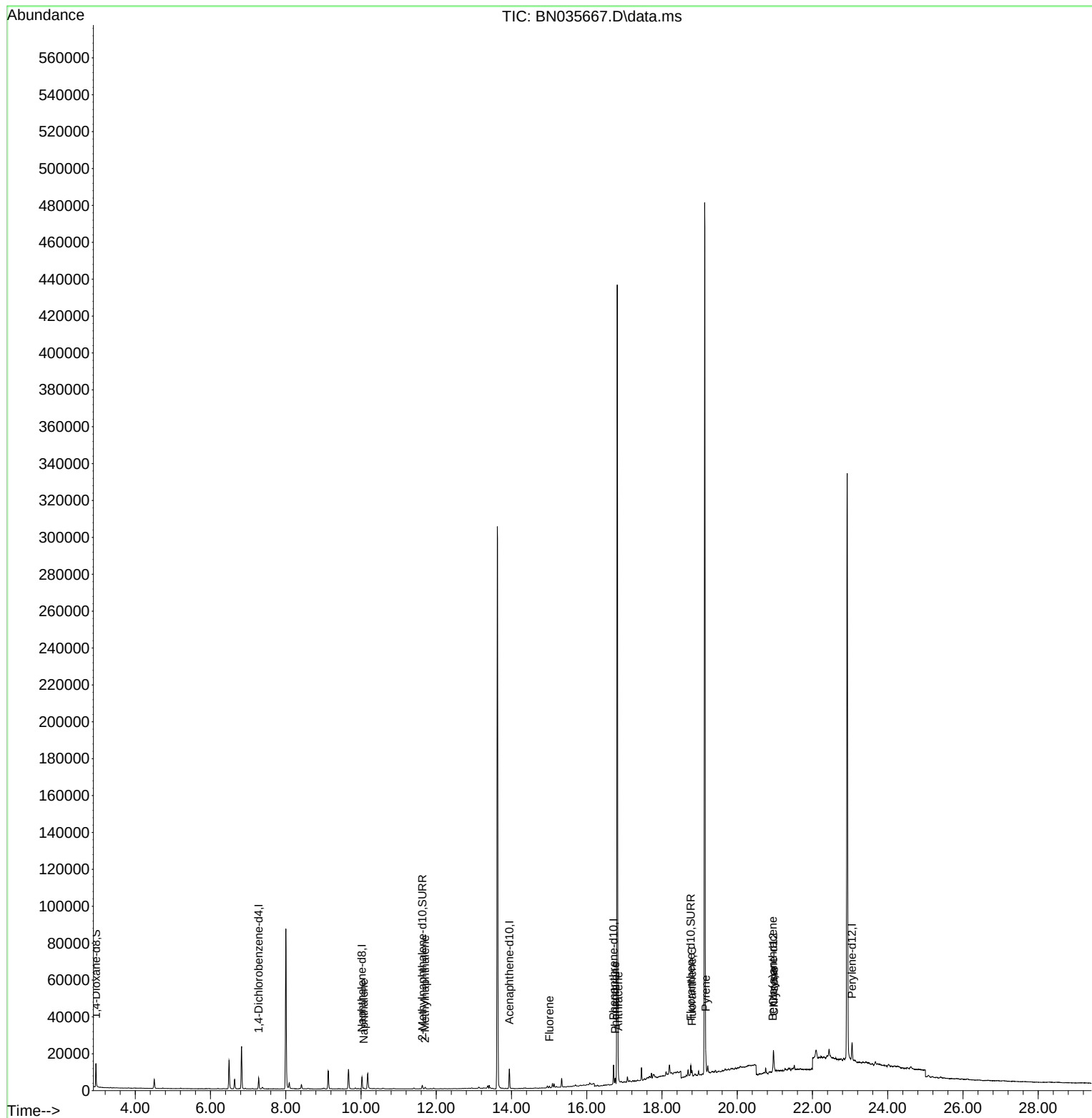
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035667.D
Acq On : 18 Dec 2024 12:41
Operator : RC/JU
Sample : P5155-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

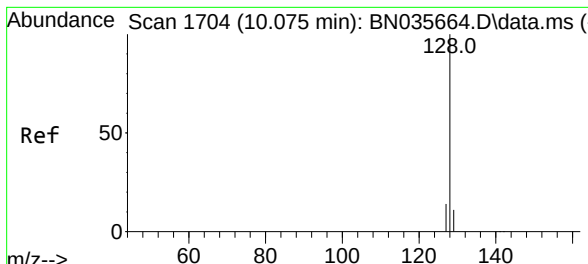
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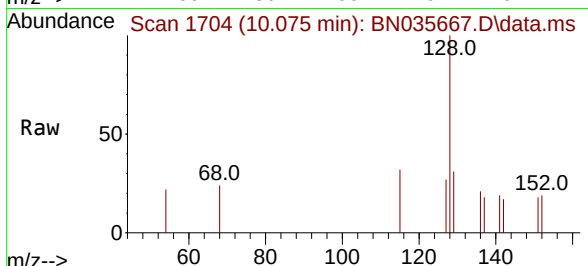
Quant Time: Dec 18 13:32:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul m
RT: 10.075 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BN035667.D
Acq: 18 Dec 2024 12:41

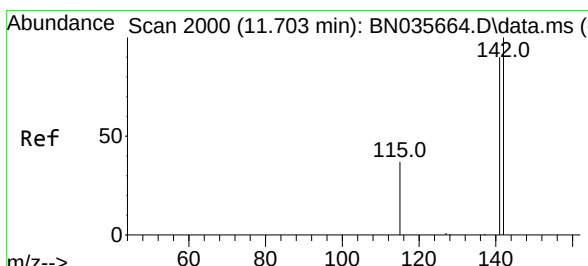
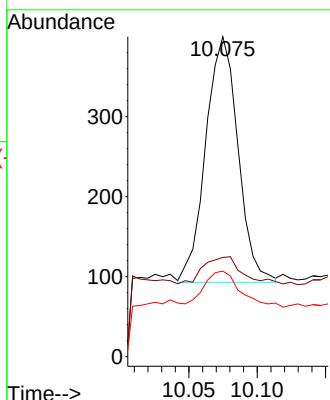
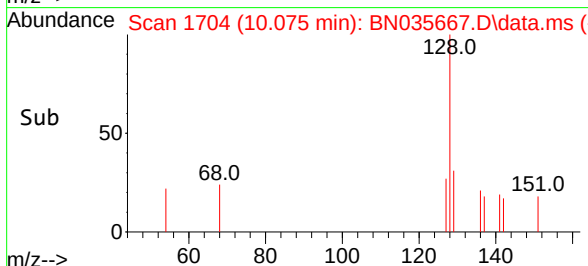
Instrument :
BNA_N
ClientSampleId :
E28W6



Tgt Ion:128 Resp: 504
Ion Ratio Lower Upper
128 100
129 31.0 10.8 16.2
127 26.8 12.0 18.0

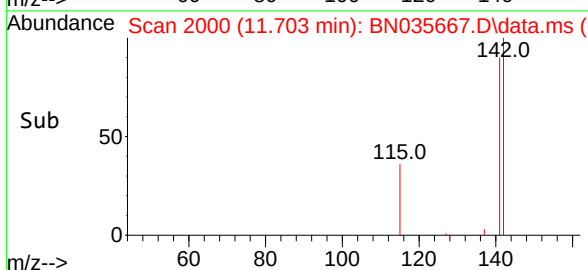
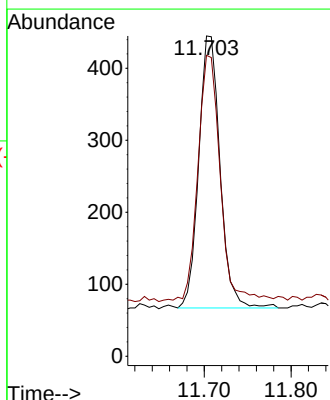
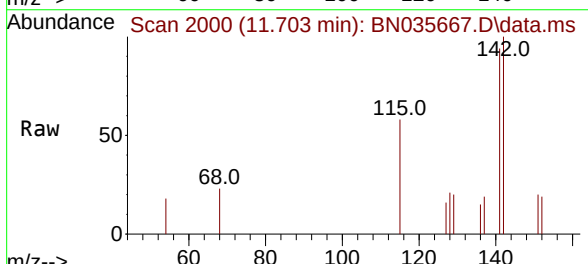
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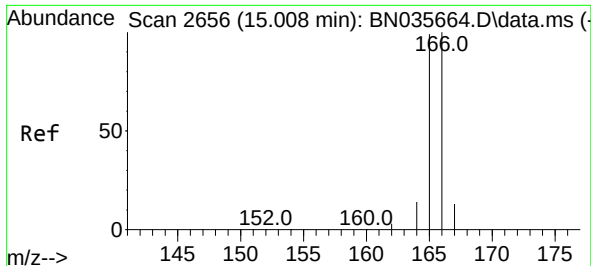
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035667.D
Acq: 18 Dec 2024 12:41

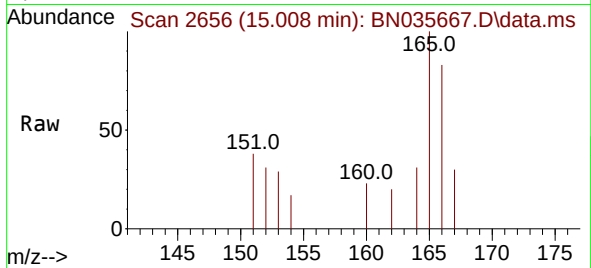
Tgt Ion:142 Resp: 644
Ion Ratio Lower Upper
142 100
141 94.7 72.8 109.2





#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.008 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN035667.D
Acq: 18 Dec 2024 12:41

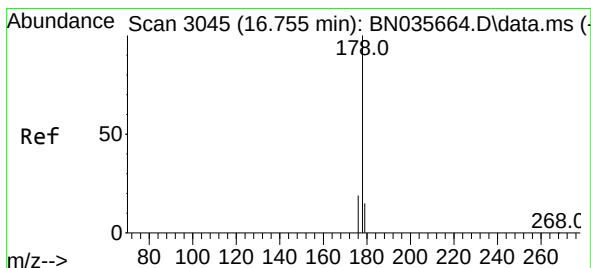
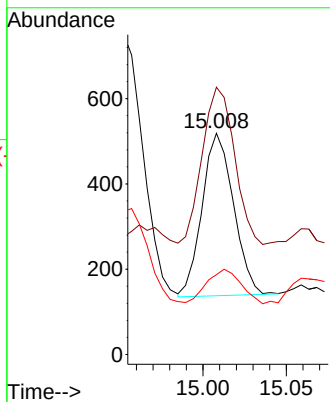
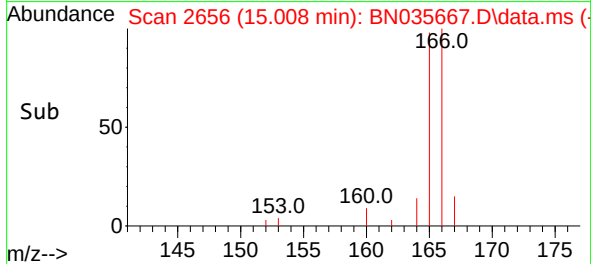
Instrument :
BNA_N
ClientSampleId :
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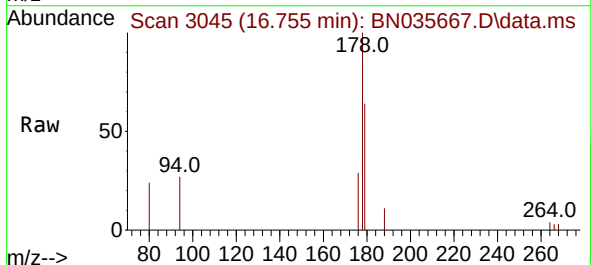
Tgt Ion:166 Resp: 502
Ion Ratio Lower Upper
166 100
165 120.8 79.5 119.3#
167 36.0 11.8 17.8#

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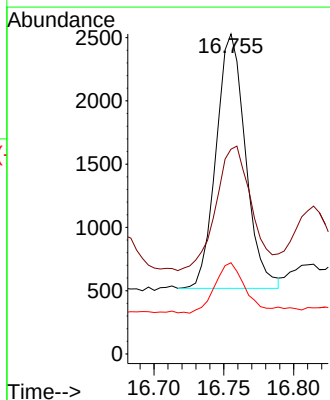
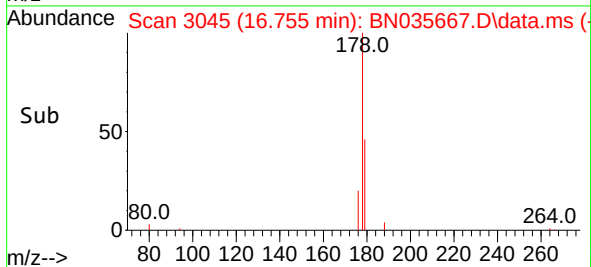
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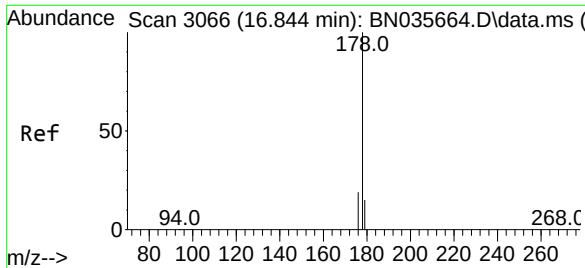


#15
Phenanthrene
Concen: 0.096 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035667.D
Acq: 18 Dec 2024 12:41



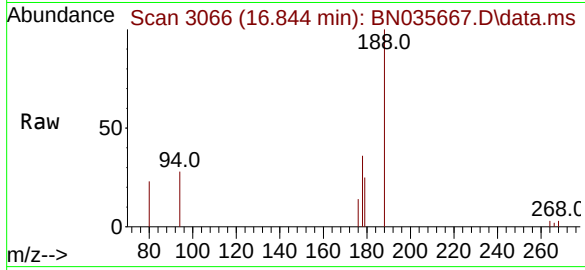
Tgt Ion:178 Resp: 2941
Ion Ratio Lower Upper
178 100
179 64.0 13.3 19.9#
176 28.5 15.8 23.8#





#16
 Anthracene
 Concen: 0.031 ng/ul
 RT: 16.844 min Scan# 3066
 Delta R.T. -0.004 min
 Lab File: BN035667.D
 Acq: 18 Dec 2024 12:41

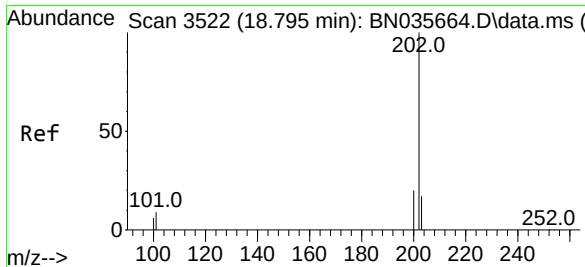
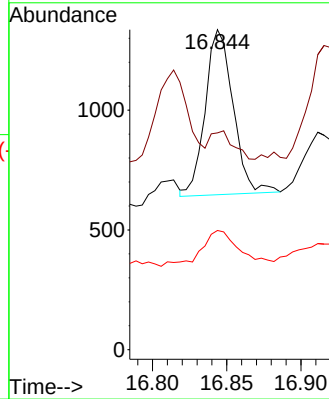
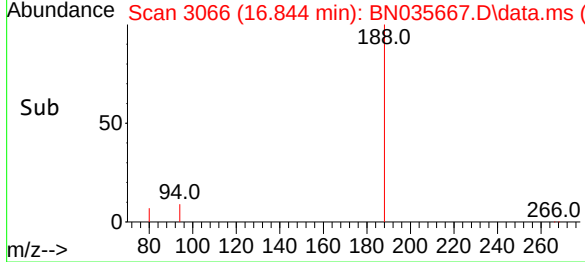
Instrument :
 BNA_N
 ClientSampleId :
 E28W6



Tgt Ion	Ratio	Lower	Upper
178	100		
179	67.7	13.4	20.0
176	37.3	15.4	23.0

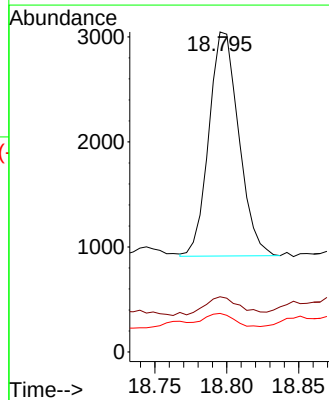
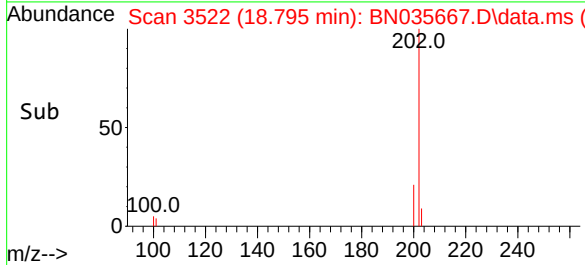
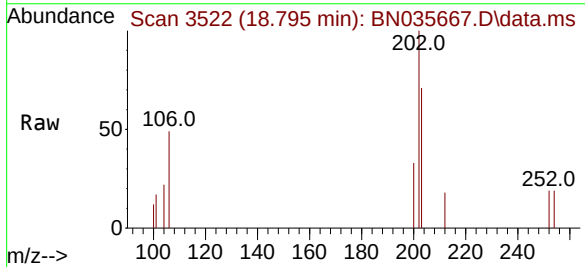
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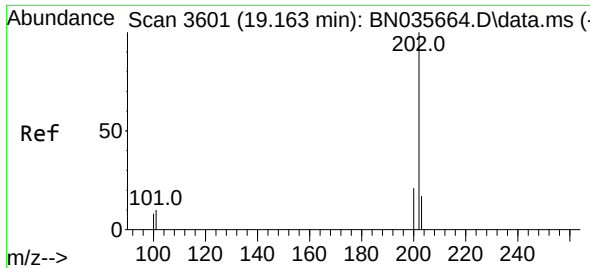
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#19
 Fluoranthene
 Concen: 0.084 ng/ul
 RT: 18.795 min Scan# 3522
 Delta R.T. -0.005 min
 Lab File: BN035667.D
 Acq: 18 Dec 2024 12:41

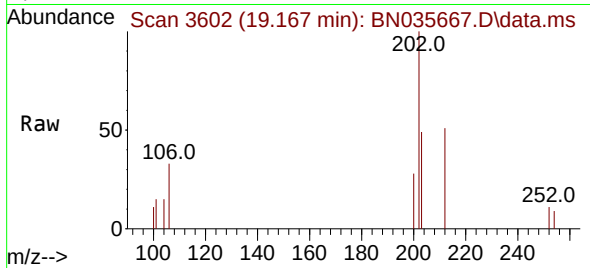
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.3	7.3	10.9
100	12.0	5.4	8.0





#20
Pyrene
Concen: 0.178 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. -0.000 min
Lab File: BN035667.D
Acq: 18 Dec 2024 12:41

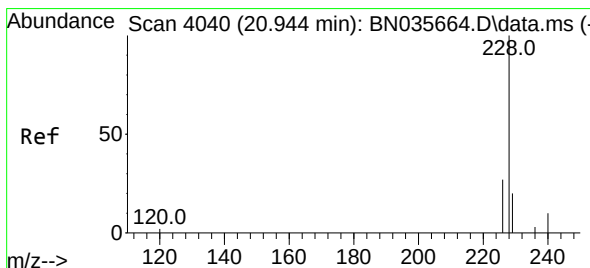
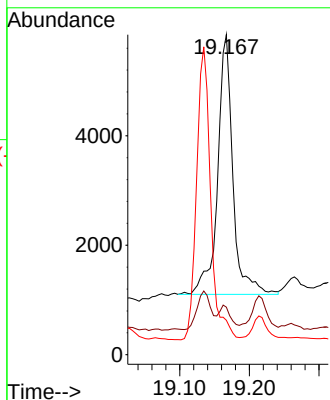
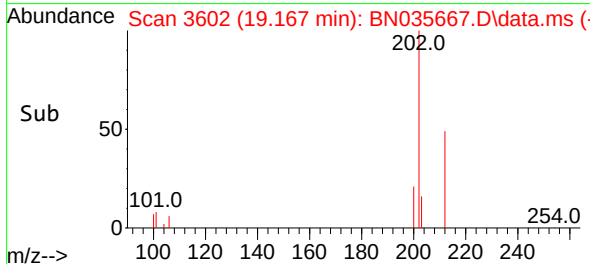
Instrument :
BNA_N
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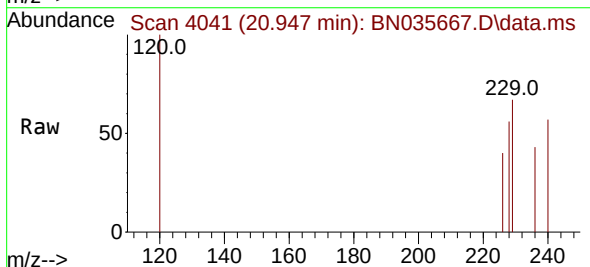
Tgt Ion:202 Resp: 7219
Ion Ratio Lower Upper
202 100
101 14.9 8.5 12.7
100 10.7 6.5 9.7

Manual Integrations
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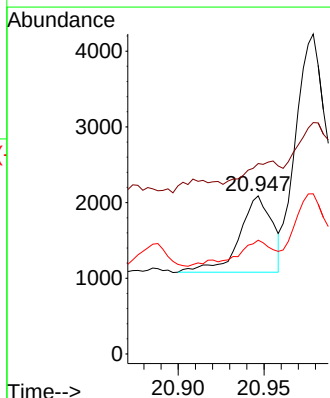
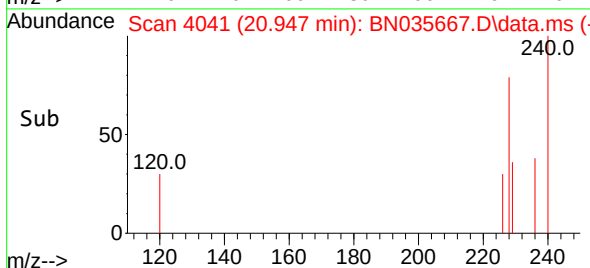
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Supervised By :mohammad ahmed 12/24/2024

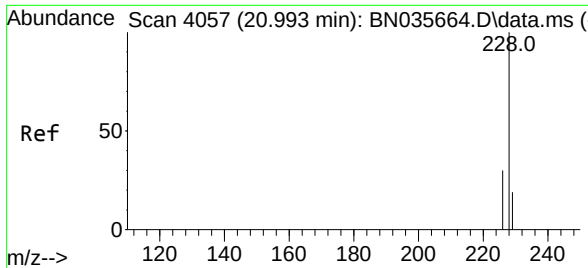


#21
Benzo(a)anthracene
Concen: 0.039 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035667.D
Acq: 18 Dec 2024 12:41



Tgt Ion:228 Resp: 1343
Ion Ratio Lower Upper
228 100
229 120.5 16.6 25.0#
226 72.0 22.5 33.7#





#22

Chrysene

Concen: 0.128 ng/ul

RT: 20.979 min Scan# 40

Delta R.T. -0.021 min

Lab File: BN035667.D

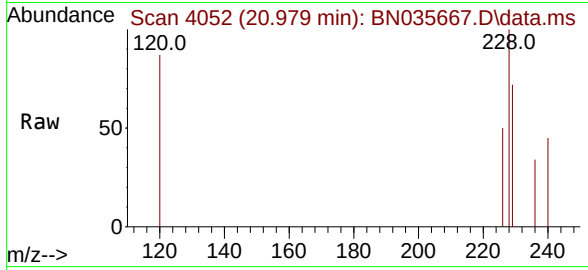
Acq: 18 Dec 2024 12:41

Instrument :

BNA_N

ClientSampleId :

E28W6



Tgt Ion:228 Resp: 4530

Ion Ratio Lower Upper

228 100

226 50.0 25.1 37.7

229 72.3 16.6 24.8

Manual Integrations

APPROVED

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