

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035541.D
 Acq On : 10 Dec 2024 20:54
 Operator : RC/JU
 Sample : P5066-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28M9

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 22:05:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	3100	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	8801	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5548	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	10938	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	7457	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	6944m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	11156	3.937	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2722	0.211	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	4861	0.236	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.086	128	860m	0.039	ng/ul	
7) 2-Methylnaphthalene	11.714	142	708	0.046	ng/ul	96
8) 1-Methylnaphthalene	11.939	142	533	0.034	ng/ul	96
15) Phenanthrene	16.755	178	2599	0.090	ng/ul	93
19) Fluoranthene	18.800	202	4782	0.184	ng/ul#	93
20) Pyrene	19.163	202	4267m	0.158	ng/ul	
21) Benzo(a)anthracene	20.944	228	1644	0.064	ng/ul#	88
22) Chrysene	20.997	228	2421	0.093	ng/ul#	93
24) Benzo(b)fluoranthene	22.440	252	3322m	0.145	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	1281m	0.054	ng/ul	
26) Benzo(a)pyrene	22.957	252	2144	0.102	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	25.078	276	1667	0.059	ng/ul#	85
29) Benzo(g,h,i)perylene	25.691	276	1759	0.079	ng/ul#	72

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

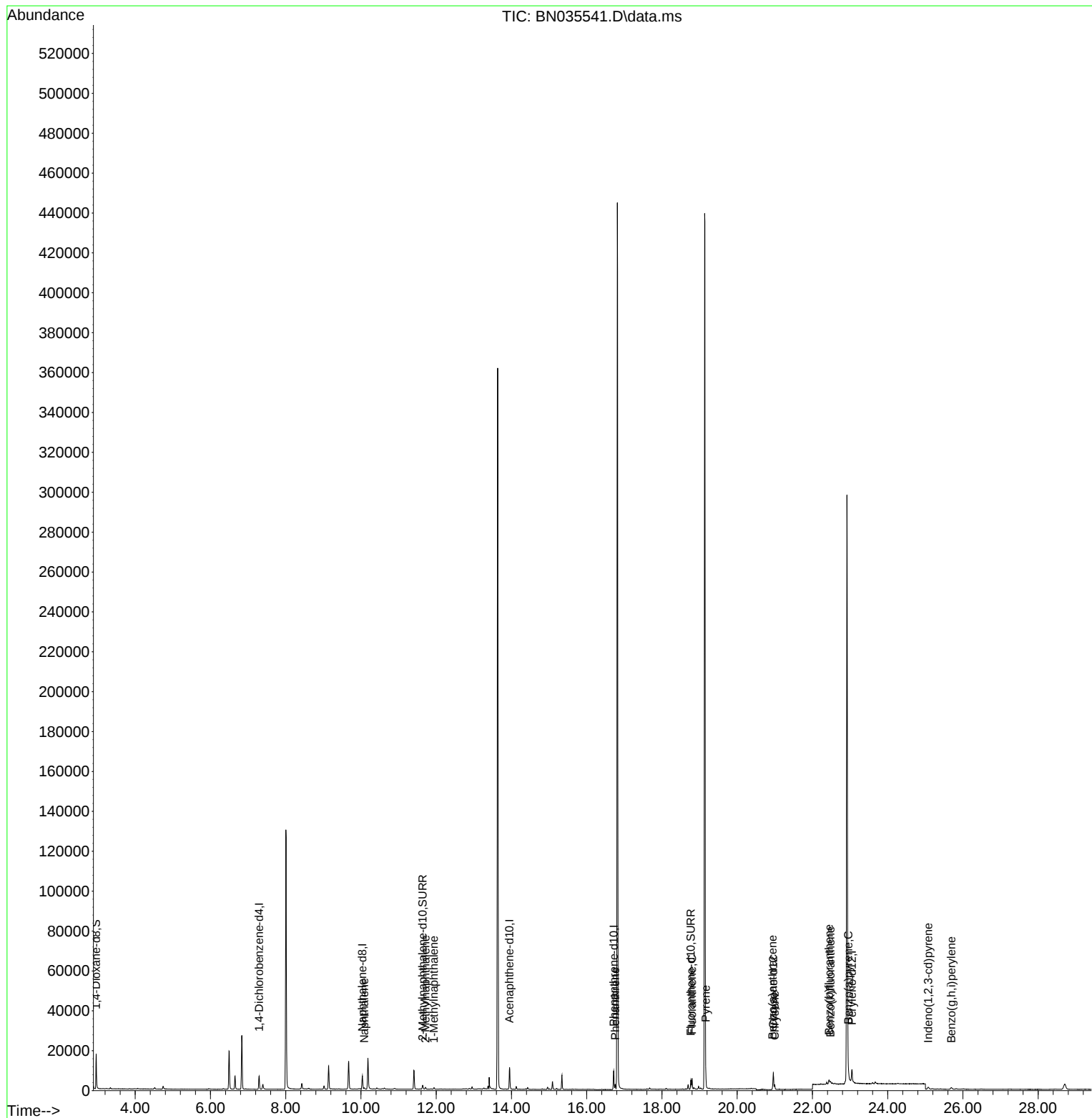
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035541.D
Acq On : 10 Dec 2024 20:54
Operator : RC/JU
Sample : P5066-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

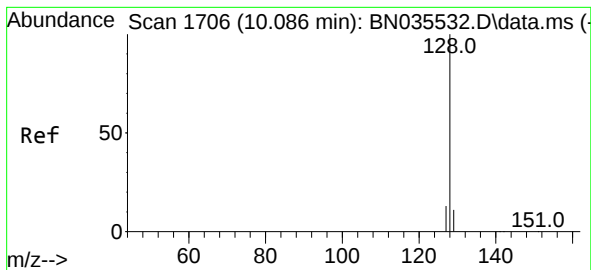
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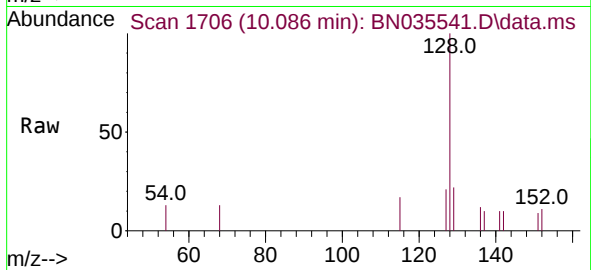
Quant Time: Dec 10 22:05:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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#5
Naphthalene
Concen: 0.039 ng/ul m
RT: 10.086 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN035541.D
Acq: 10 Dec 2024 20:54

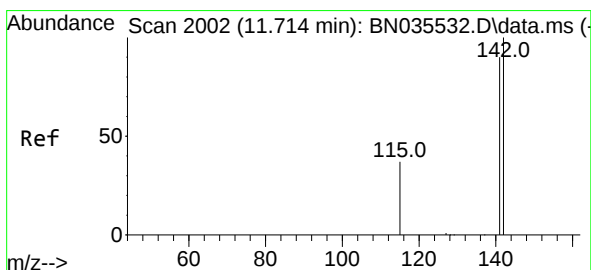
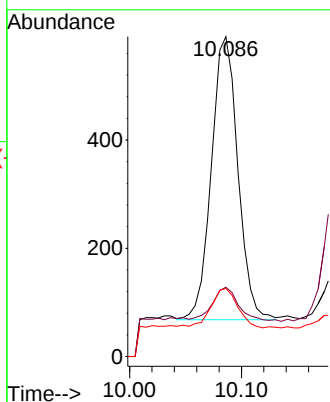
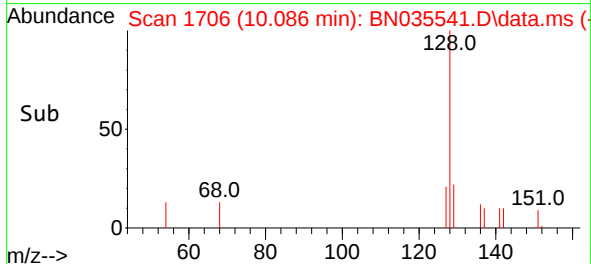
Instrument :
BNA_N
ClientSampleId :
E28M9



Tgt Ion:128 Resp: 860
Ion Ratio Lower Upper
128 100
129 21.7 9.9 14.9
127 21.3 11.4 17.2

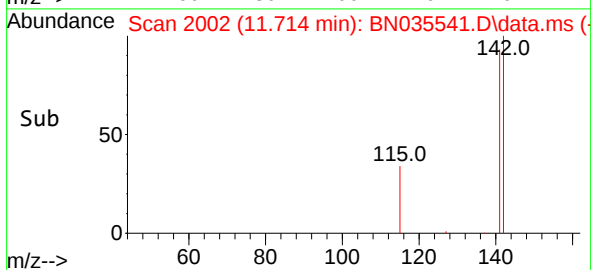
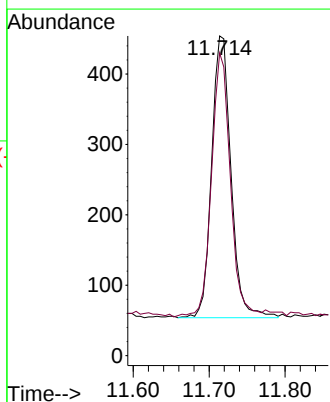
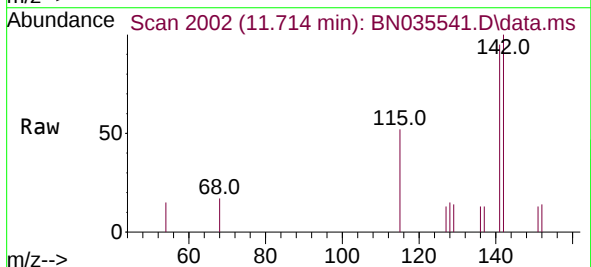
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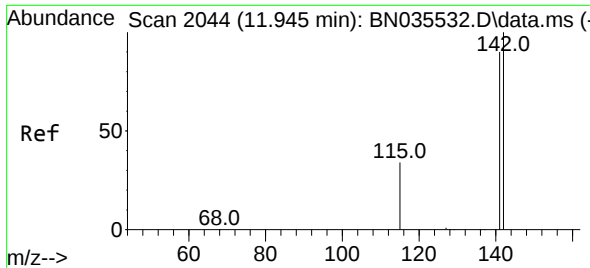
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035541.D
Acq: 10 Dec 2024 20:54

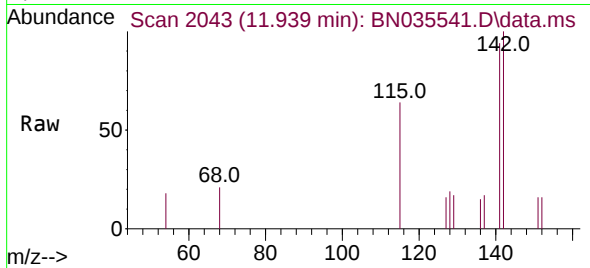
Tgt Ion:142 Resp: 708
Ion Ratio Lower Upper
142 100
141 91.4 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 11.939 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BN035541.D
Acq: 10 Dec 2024 20:54

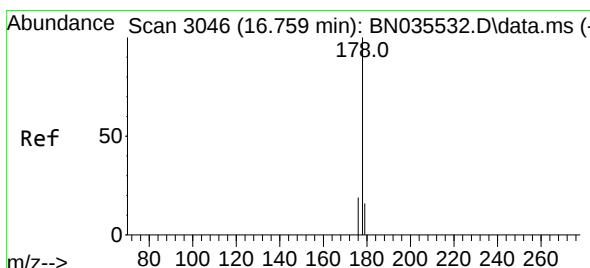
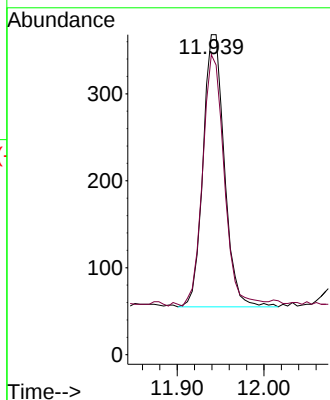
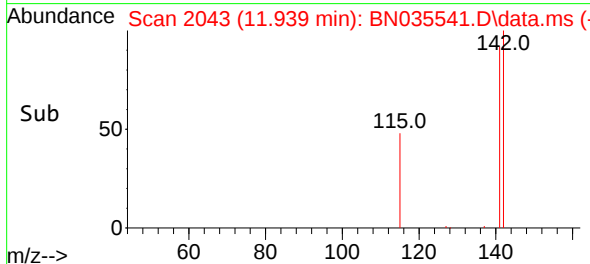
Instrument :
BNA_N
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Tgt Ion:142 Resp: 538
Ion Ratio Lower Upper
142 100
141 94.9 73.1 109.7

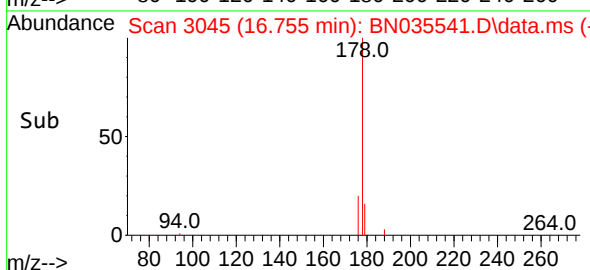
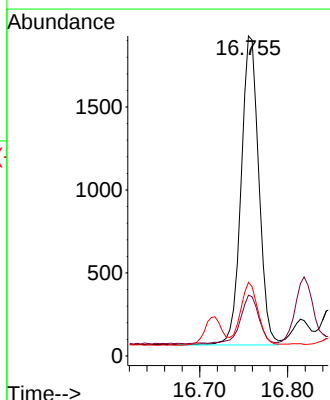
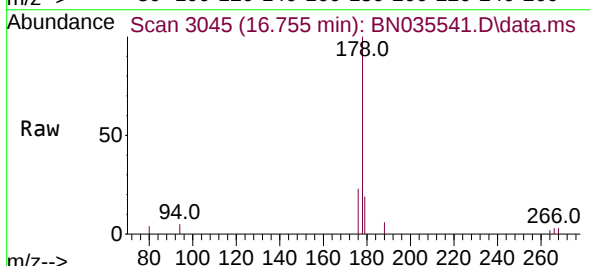
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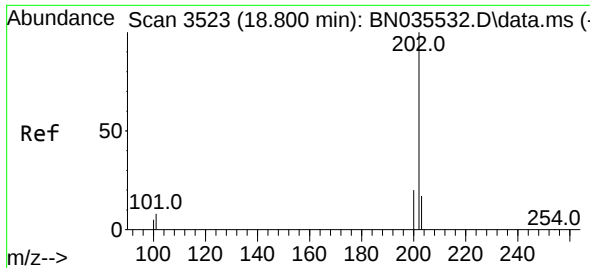
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Supervised By :mohammad ahmed 12/12/2024



#15
Phenanthrene
Concen: 0.090 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035541.D
Acq: 10 Dec 2024 20:54

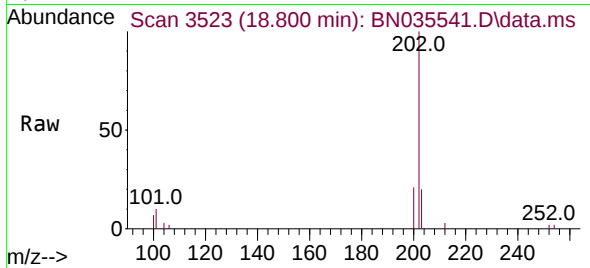
Tgt Ion:178 Resp: 2599
Ion Ratio Lower Upper
178 100
179 19.0 12.9 19.3
176 23.0 15.6 23.4





#19
Fluoranthene
Concen: 0.184 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035541.D
Acq: 10 Dec 2024 20:54

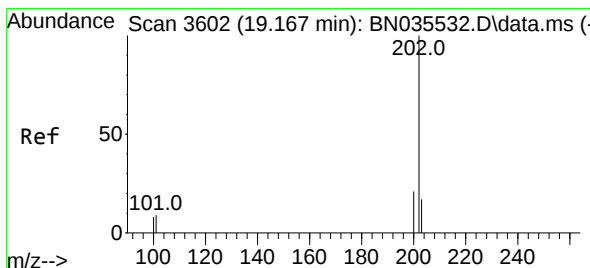
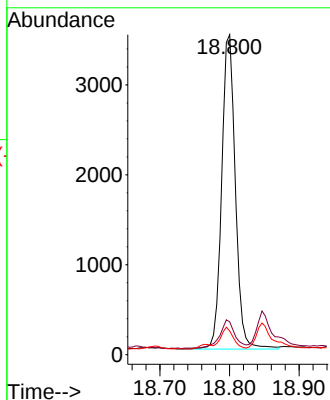
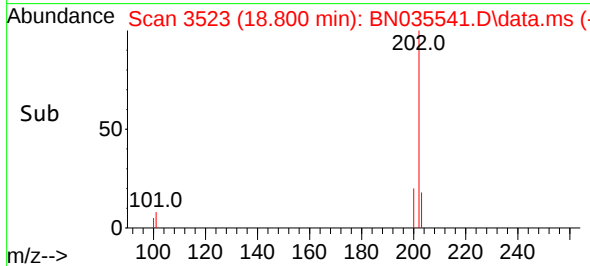
Instrument :
BNA_N
ClientSampleId :
E28M9



Tgt Ion:202 Resp: 4782
Ion Ratio Lower Upper
202 100
101 10.2 5.8 8.6
100 7.4 4.5 6.7

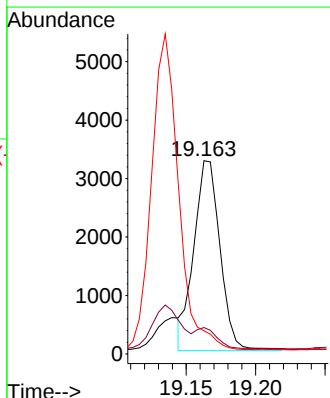
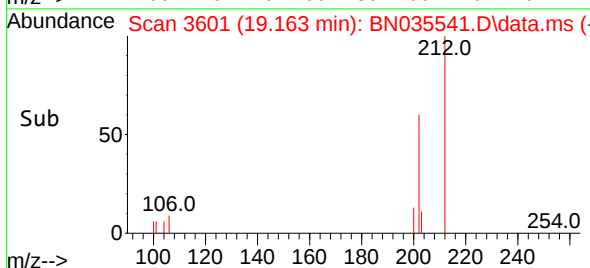
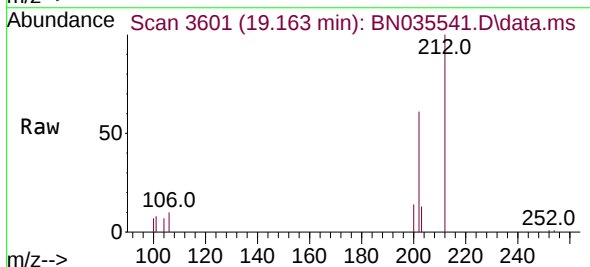
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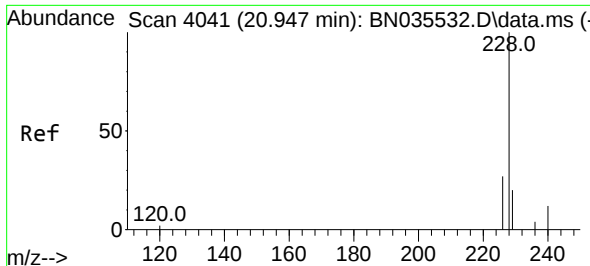
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#20
Pyrene
Concen: 0.158 ng/ul m
RT: 19.163 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN035541.D
Acq: 10 Dec 2024 20:54

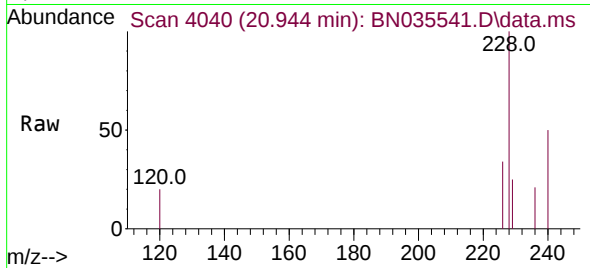
Tgt Ion:202 Resp: 4267
Ion Ratio Lower Upper
202 100
101 13.7 6.2 9.4#
100 12.0 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 20.944 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035541.D
Acq: 10 Dec 2024 20:54

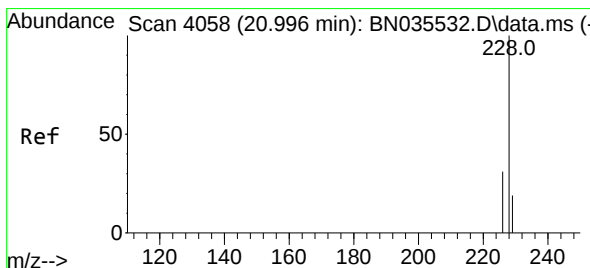
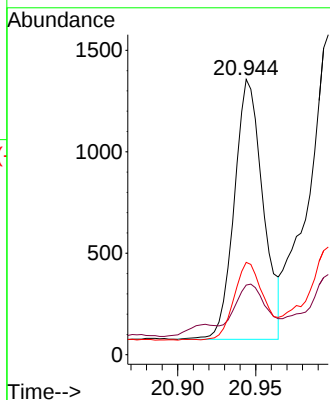
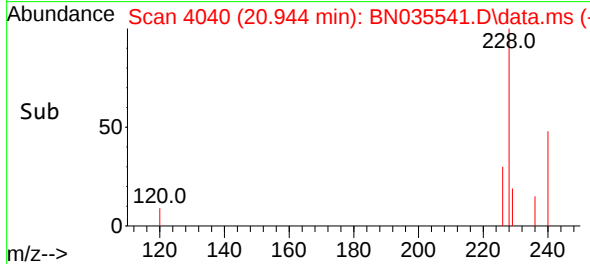
Instrument :
BNA_N
ClientSampleId :
E28M9



Tgt Ion:228 Resp: 1644
Ion Ratio Lower Upper
228 100
229 25.3 15.8 23.8
226 33.5 21.8 32.8

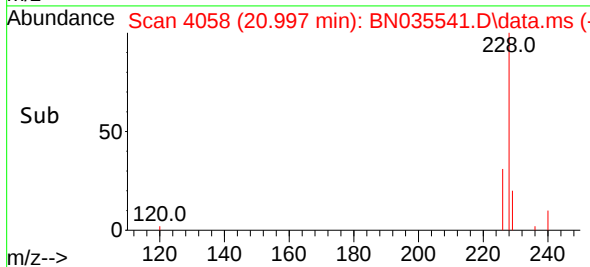
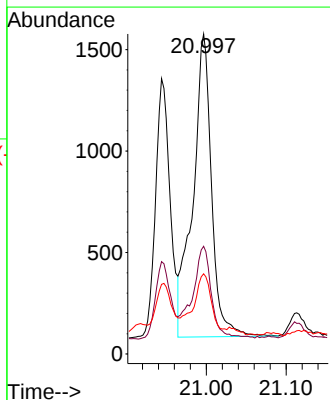
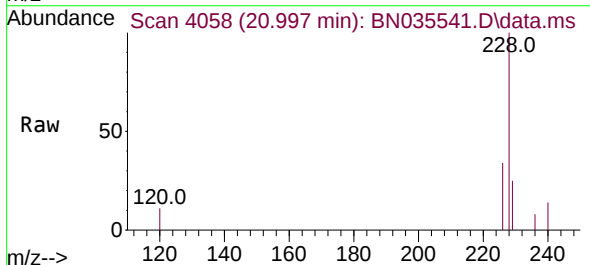
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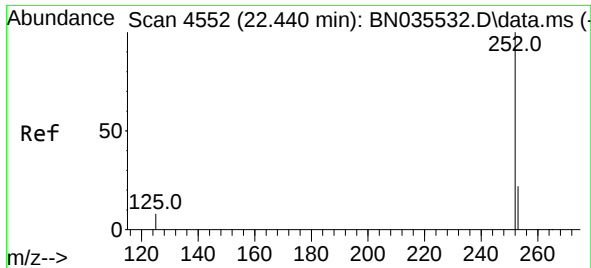
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#22
Chrysene
Concen: 0.093 ng/ul
RT: 20.997 min Scan# 4058
Delta R.T. 0.000 min
Lab File: BN035541.D
Acq: 10 Dec 2024 20:54

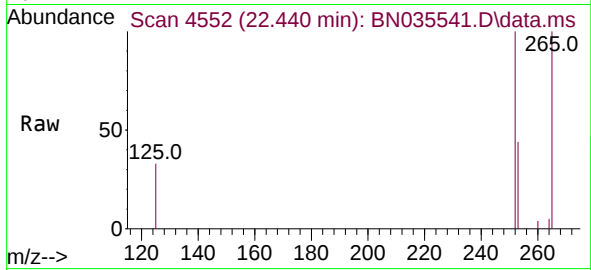
Tgt Ion:228 Resp: 2421
Ion Ratio Lower Upper
228 100
226 33.7 24.7 37.1
229 25.0 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.145 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. 0.000 min
Lab File: BN035541.D
Acq: 10 Dec 2024 20:54

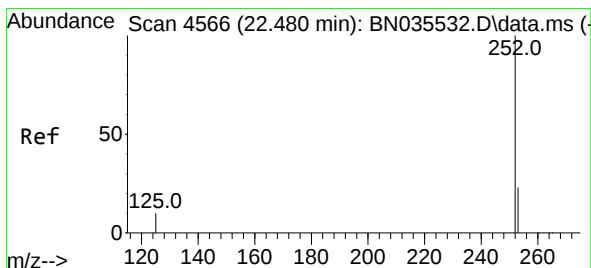
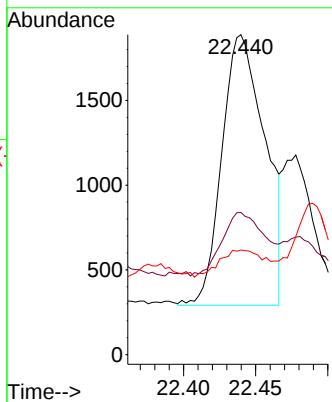
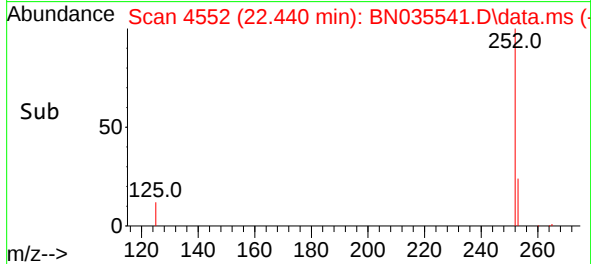
Instrument :
BNA_N
ClientSampleId :
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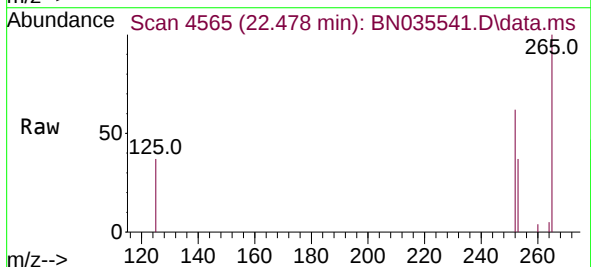
Tgt Ion:252 Resp: 332
Ion Ratio Lower Upper
252 100
253 44.4 0.0 54.0
125 32.7 0.0 19.4

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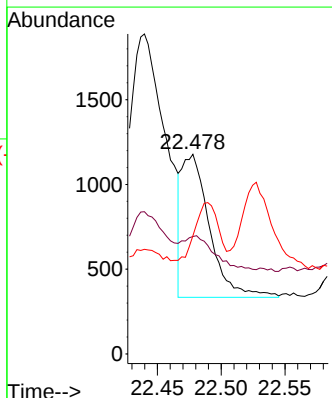
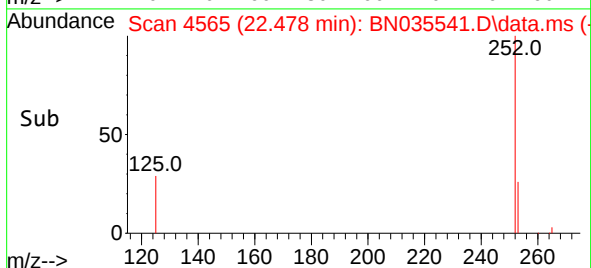
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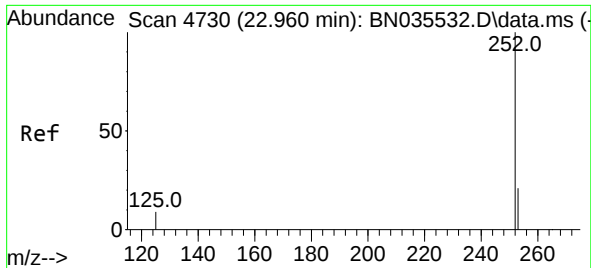


#25
Benzo(k)fluoranthene
Concen: 0.054 ng/ul m
RT: 22.478 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035541.D
Acq: 10 Dec 2024 20:54



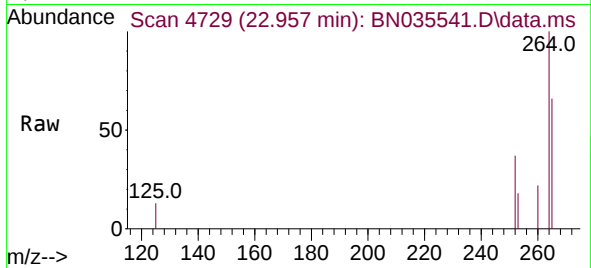
Tgt Ion:252 Resp: 1281
Ion Ratio Lower Upper
252 100
253 58.8 21.8 32.6#
125 59.2 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.102 ng/u1
RT: 22.957 min Scan# 4729
Delta R.T. -0.003 min
Lab File: BN035541.D
Acq: 10 Dec 2024 20:54

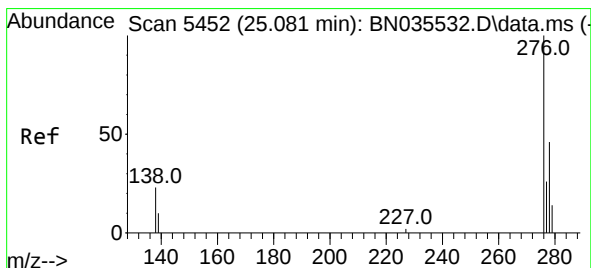
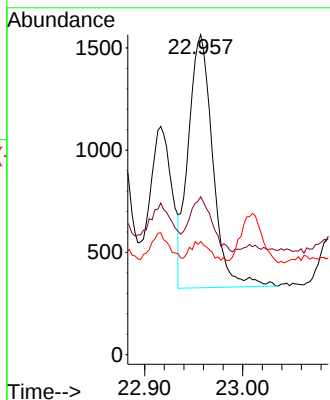
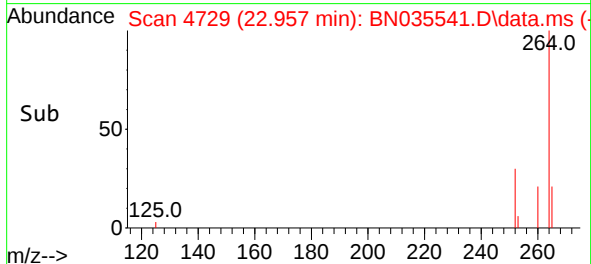
Instrument :
BNA_N
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E28M9



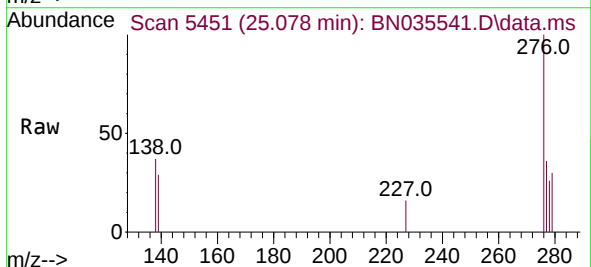
Tgt Ion:252 Resp: 2144
Ion Ratio Lower Upper
252 100
253 49.3 22.9 34.3#
125 35.3 9.4 14.2#

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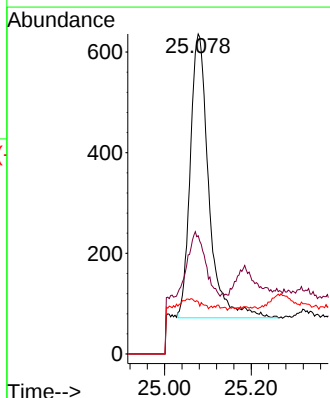
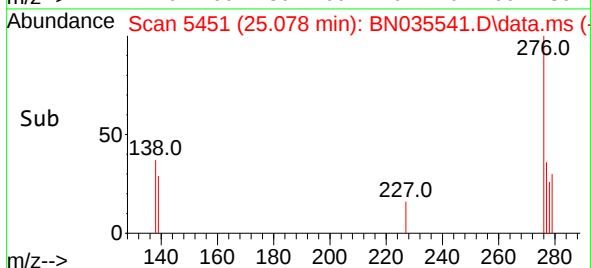
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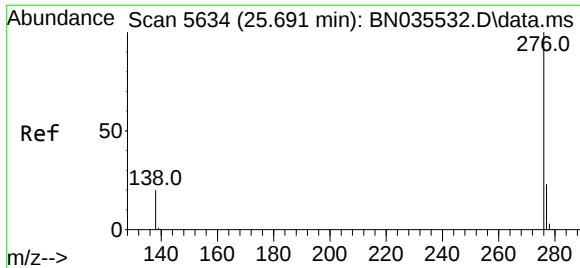


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.059 ng/u1
RT: 25.078 min Scan# 5451
Delta R.T. -0.003 min
Lab File: BN035541.D
Acq: 10 Dec 2024 20:54



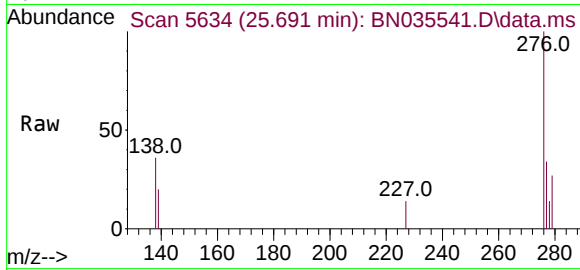
Tgt Ion:276 Resp: 1667
Ion Ratio Lower Upper
276 100
138 23.9 13.8 20.8#
227 0.0 0.2 0.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.079 ng/ul
 RT: 25.691 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN035541.D
 Acq: 10 Dec 2024 20:54

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion: 276 Resp: 1759

Ion	Ratio	Lower	Upper
276	100		
138	35.5	13.0	19.6
277	34.2	20.5	30.7

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