

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035542.D
 Acq On : 10 Dec 2024 21:30
 Operator : RC/JU
 Sample : P5066-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28N0

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 22:05:25 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	3513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	10380	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	6701	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	13610m	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	8629	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	7837m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	17891	5.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	5171	0.340	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	10111	0.425	ng/ul	0.00
Target Compounds						
7) 2-Methylnaphthalene	11.714	142	370	0.020	ng/ul	Qvalue 94
15) Phenanthrene	16.755	178	1499	0.042	ng/ul#	83
19) Fluoranthene	18.796	202	2145	0.071	ng/ul#	83
20) Pyrene	19.163	202	1784	0.057	ng/ul#	67
21) Benzo(a)anthracene	20.941	228	759	0.025	ng/ul#	67
22) Chrysene	20.994	228	1480	0.049	ng/ul#	83
24) Benzo(b)fluoranthene	22.437	252	1520m	0.059	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	633m	0.024	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.074	276	748m	0.023	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	924m	0.037	ng/ul	

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

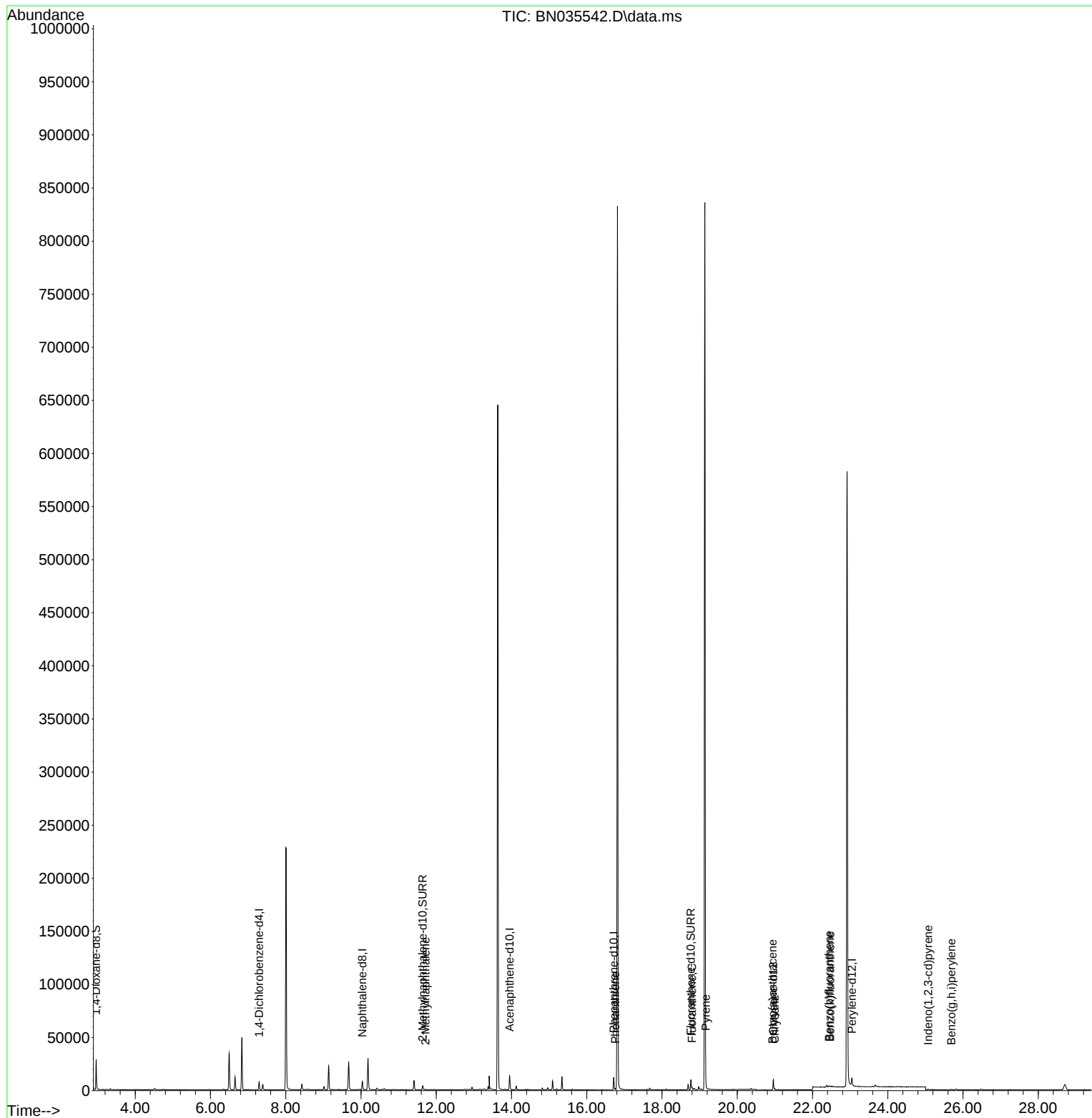
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035542.D
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Sample : P5066-12
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ALS Vial : 12 Sample Multiplier: 1

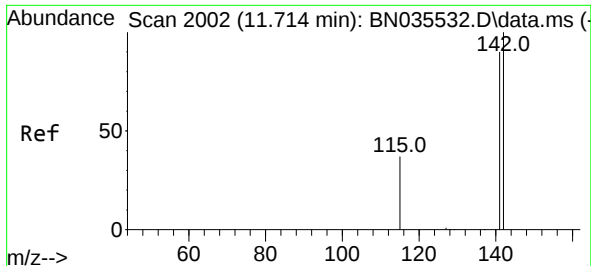
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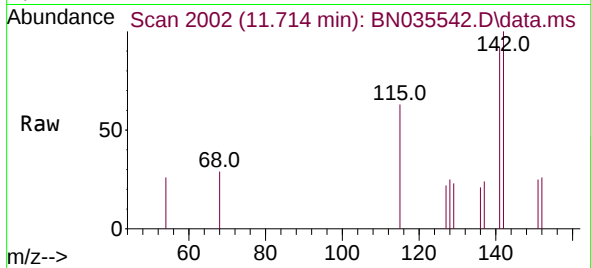
Quant Time: Dec 10 22:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035542.D
Acq: 10 Dec 2024 21:30

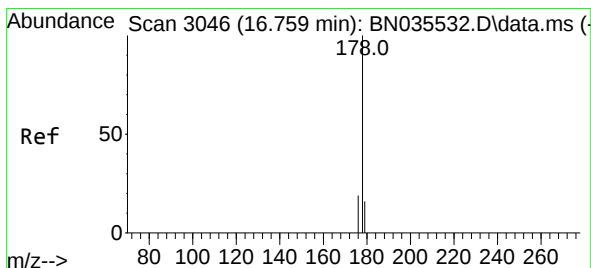
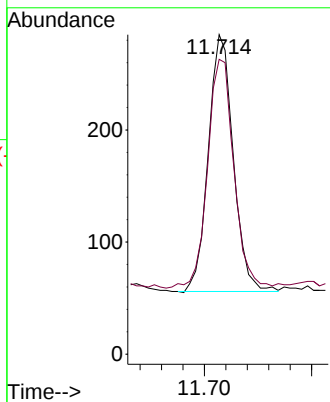
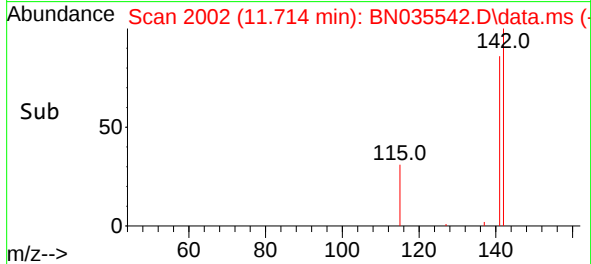
Instrument :
BNA_N
ClientSampleId :
E28N0



Tgt Ion:142 Resp: 370
Ion Ratio Lower Upper
142 100
141 93.5 70.4 105.6

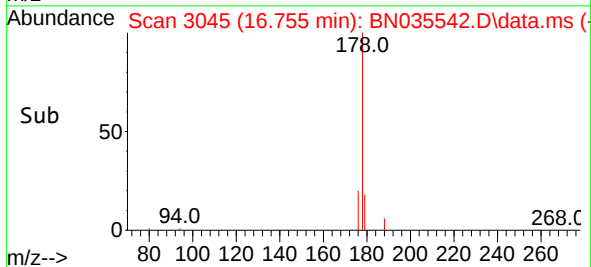
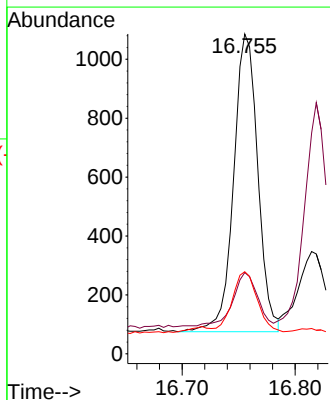
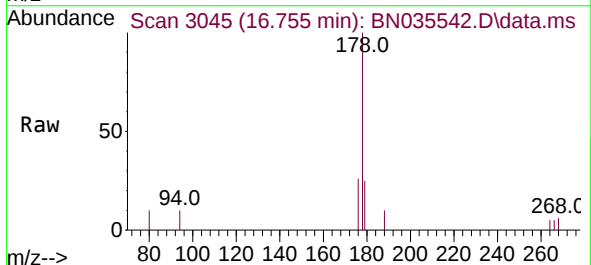
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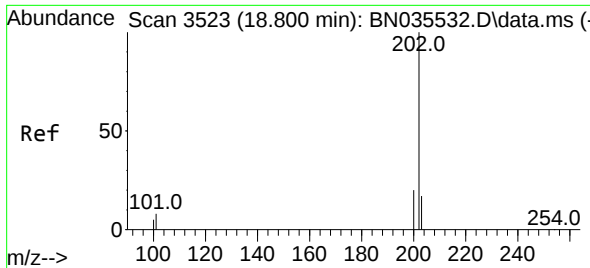
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#15
Phenanthrene
Concen: 0.042 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035542.D
Acq: 10 Dec 2024 21:30

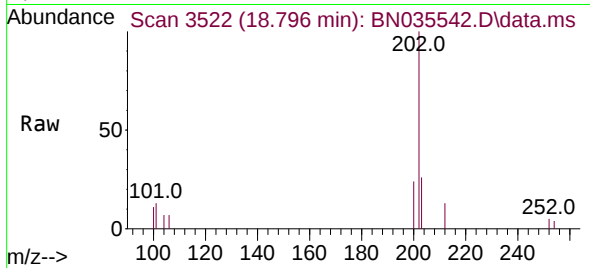
Tgt Ion:178 Resp: 1499
Ion Ratio Lower Upper
178 100
179 25.4 12.9 19.3#
176 25.7 15.6 23.4#





#19
Fluoranthene
Concen: 0.071 ng/u1
RT: 18.796 min Scan# 3523
Delta R.T. -0.004 min
Lab File: BN035542.D
Acq: 10 Dec 2024 21:30

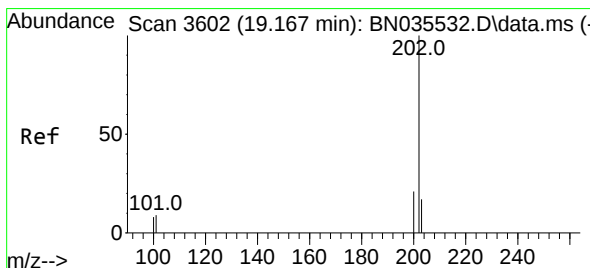
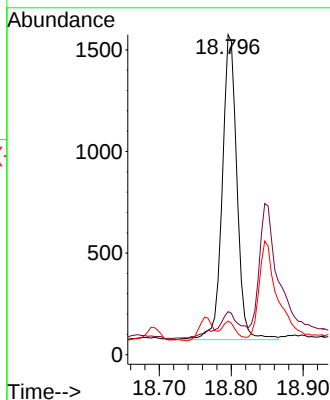
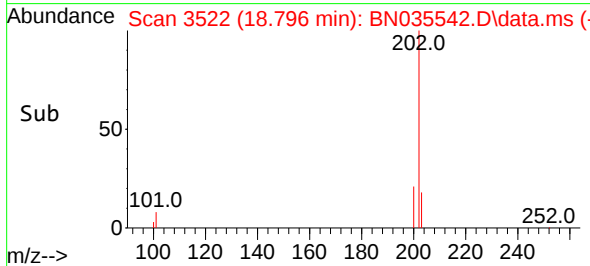
Instrument :
BNA_N
ClientSampleId :
E28N0



Tgt Ion:202 Resp: 2145
Ion Ratio Lower Upper
202 100
101 13.5 5.8 8.6#
100 10.5 4.5 6.7#

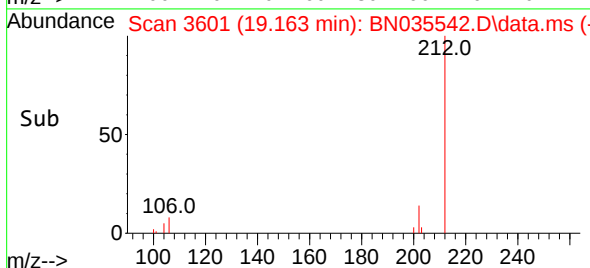
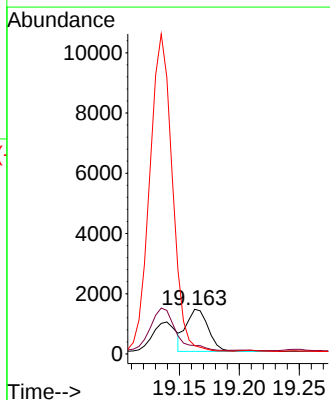
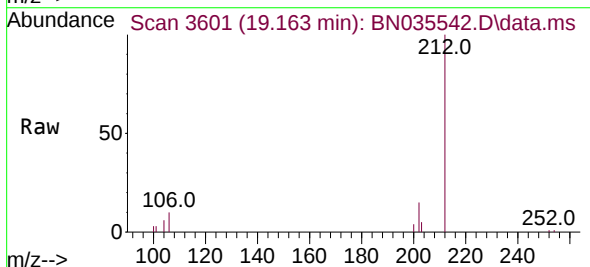
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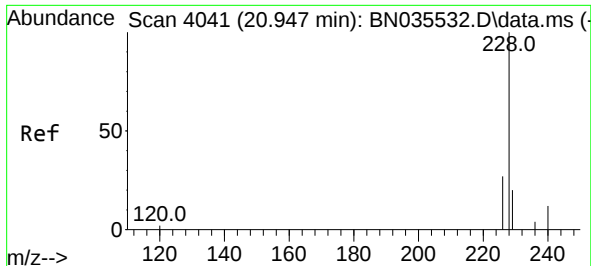
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 0.057 ng/u1
RT: 19.163 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN035542.D
Acq: 10 Dec 2024 21:30

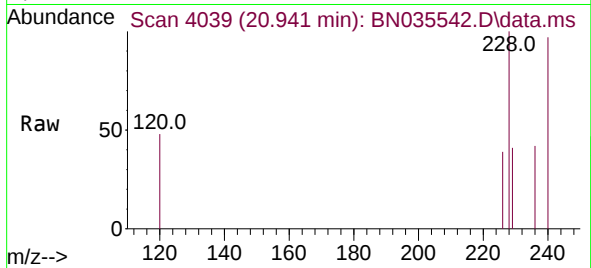
Tgt Ion:202 Resp: 1784
Ion Ratio Lower Upper
202 100
101 18.7 6.2 9.4#
100 18.6 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.025 ng/ul
RT: 20.941 min Scan# 4039
Delta R.T. -0.006 min
Lab File: BN035542.D
Acq: 10 Dec 2024 21:30

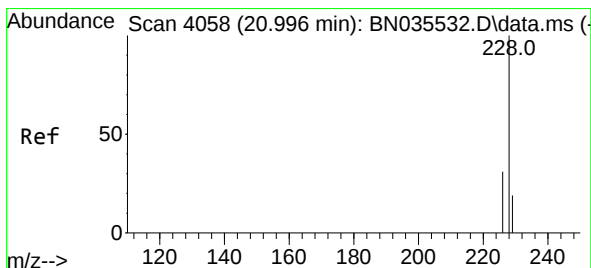
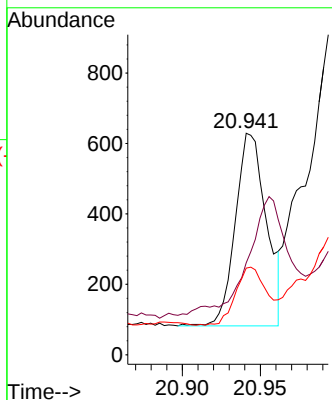
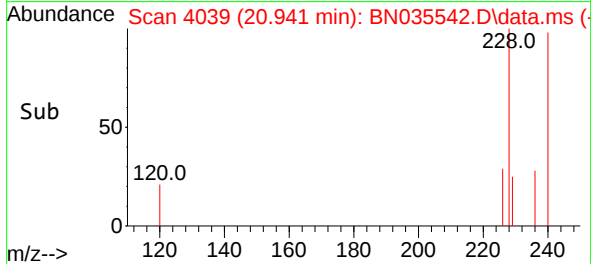
Instrument :
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Tgt Ion:228 Resp: 759
Ion Ratio Lower Upper
228 100
229 41.5 15.8 23.8
226 39.1 21.8 32.8

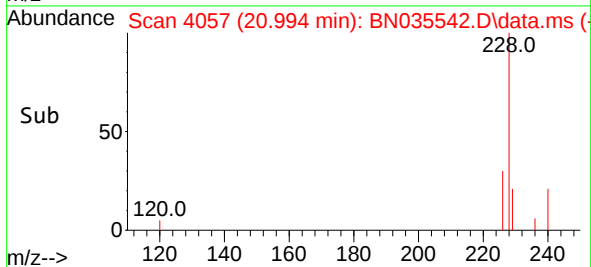
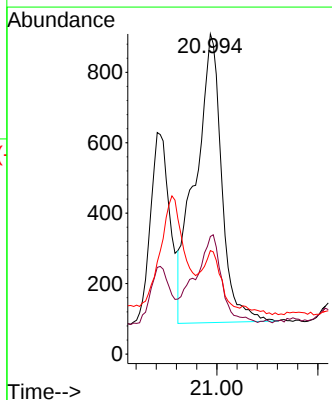
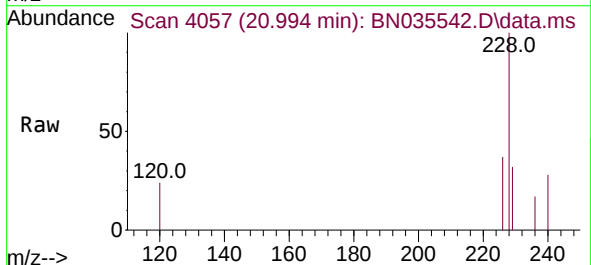
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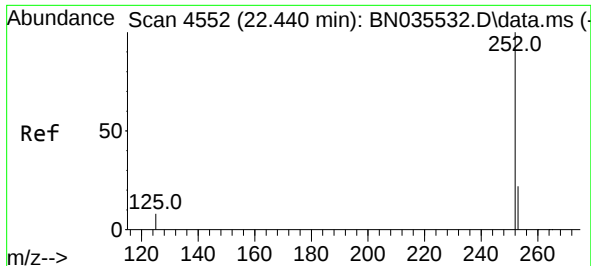
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#22
Chrysene
Concen: 0.049 ng/ul
RT: 20.994 min Scan# 4057
Delta R.T. -0.003 min
Lab File: BN035542.D
Acq: 10 Dec 2024 21:30

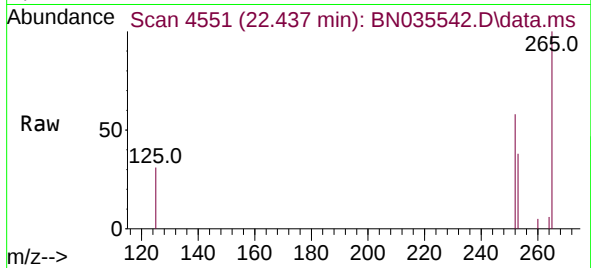
Tgt Ion:228 Resp: 1480
Ion Ratio Lower Upper
228 100
226 36.7 24.7 37.1
229 32.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.059 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.003 min
Lab File: BN035542.D
Acq: 10 Dec 2024 21:30

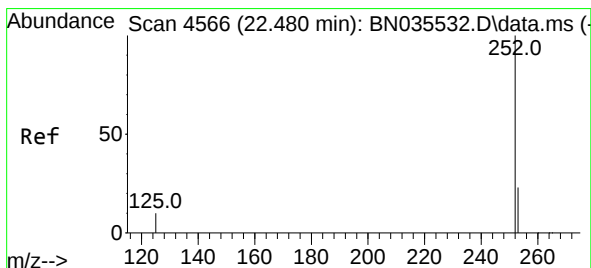
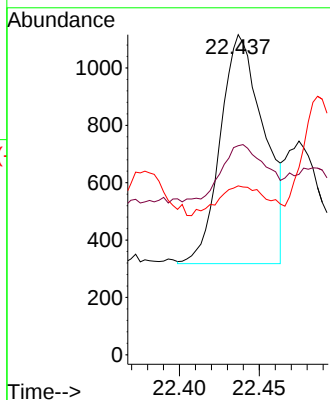
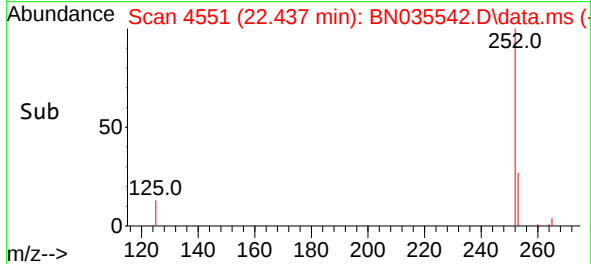
Instrument :
BNA_N
ClientSampleId :
E28N0



Tgt Ion:252 Resp: 1520
Ion Ratio Lower Upper
252 100
253 65.3 0.0 54.0#
125 52.8 0.0 19.4#

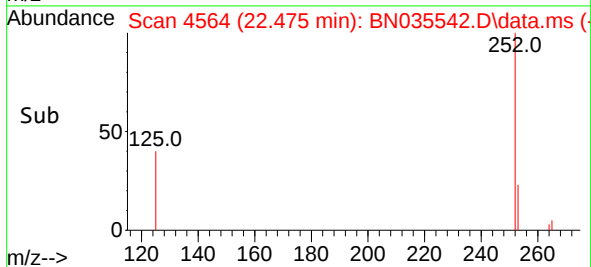
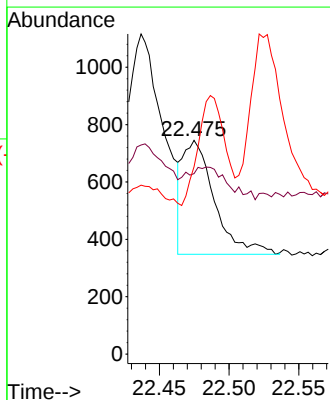
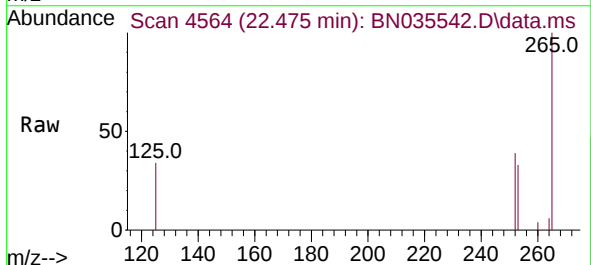
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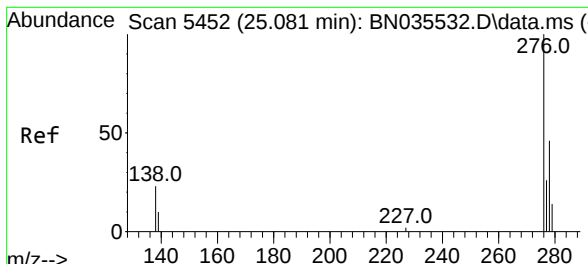
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035542.D
Acq: 10 Dec 2024 21:30

Tgt Ion:252 Resp: 633
Ion Ratio Lower Upper
252 100
253 84.4 21.8 32.6#
125 87.7 8.6 12.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul m
RT: 25.074 min Scan# 5452
Delta R.T. -0.007 min
Lab File: BN035542.D
Acq: 10 Dec 2024 21:30

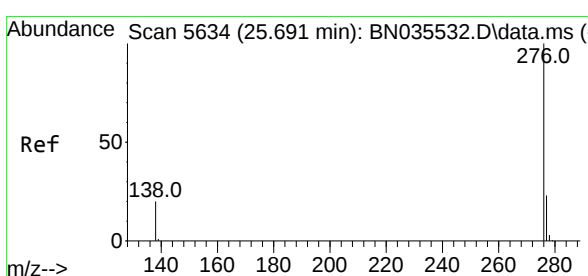
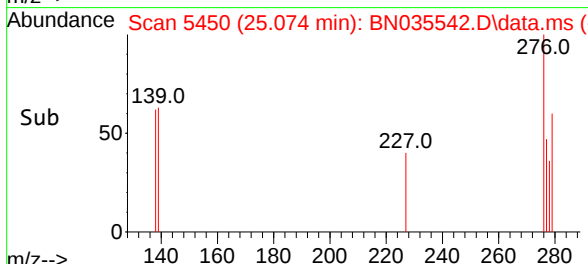
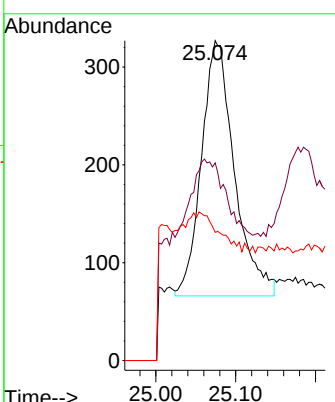
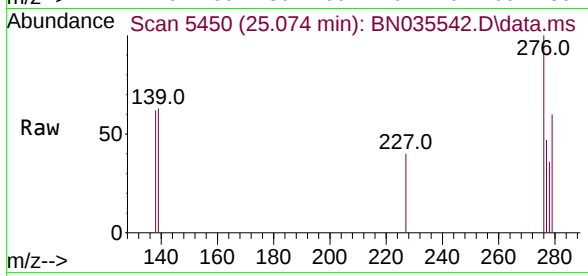
Instrument :
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Tgt Ion:276 Resp: 748

Ion	Ratio	Lower	Upper
276	100		
138	0.0	13.8	20.8
227	0.0	0.2	0.4

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#29
Benzo(g,h,i)perylene
Concen: 0.037 ng/ul m
RT: 25.688 min Scan# 5633
Delta R.T. -0.003 min
Lab File: BN035542.D
Acq: 10 Dec 2024 21:30

Tgt Ion:276 Resp: 924

Ion	Ratio	Lower	Upper
276	100		
138	51.1	13.0	19.6
277	44.4	20.5	30.7

