

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035545.D
 Acq On : 10 Dec 2024 23:18
 Operator : RC/JU
 Sample : P5066-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28N2

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 23:48:12 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	3054	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	8731	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5812	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	11785m	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	7436	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	6890m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	11446	4.101	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	2866	0.224	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5498	0.268	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.086	128	856	0.039	ng/ul#	42
12) Fluorene	15.013	166	419	0.020	ng/ul#	91
15) Phenanthrene	16.759	178	3189	0.102	ng/ul	97
16) Anthracene	16.848	178	4670	0.161	ng/ul	97
19) Fluoranthene	18.800	202	3918	0.151	ng/ul#	92
20) Pyrene	19.167	202	3498m	0.130	ng/ul	
21) Benzo(a)anthracene	20.944	228	1086	0.042	ng/ul#	87
22) Chrysene	20.996	228	1431	0.055	ng/ul#	90
24) Benzo(b)fluoranthene	22.437	252	1866m	0.082	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	840m	0.036	ng/ul	
26) Benzo(a)pyrene	22.954	252	1081	0.052	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	25.081	276	875	0.031	ng/ul#	61
29) Benzo(g,h,i)perylene	25.691	276	895	0.040	ng/ul#	54

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

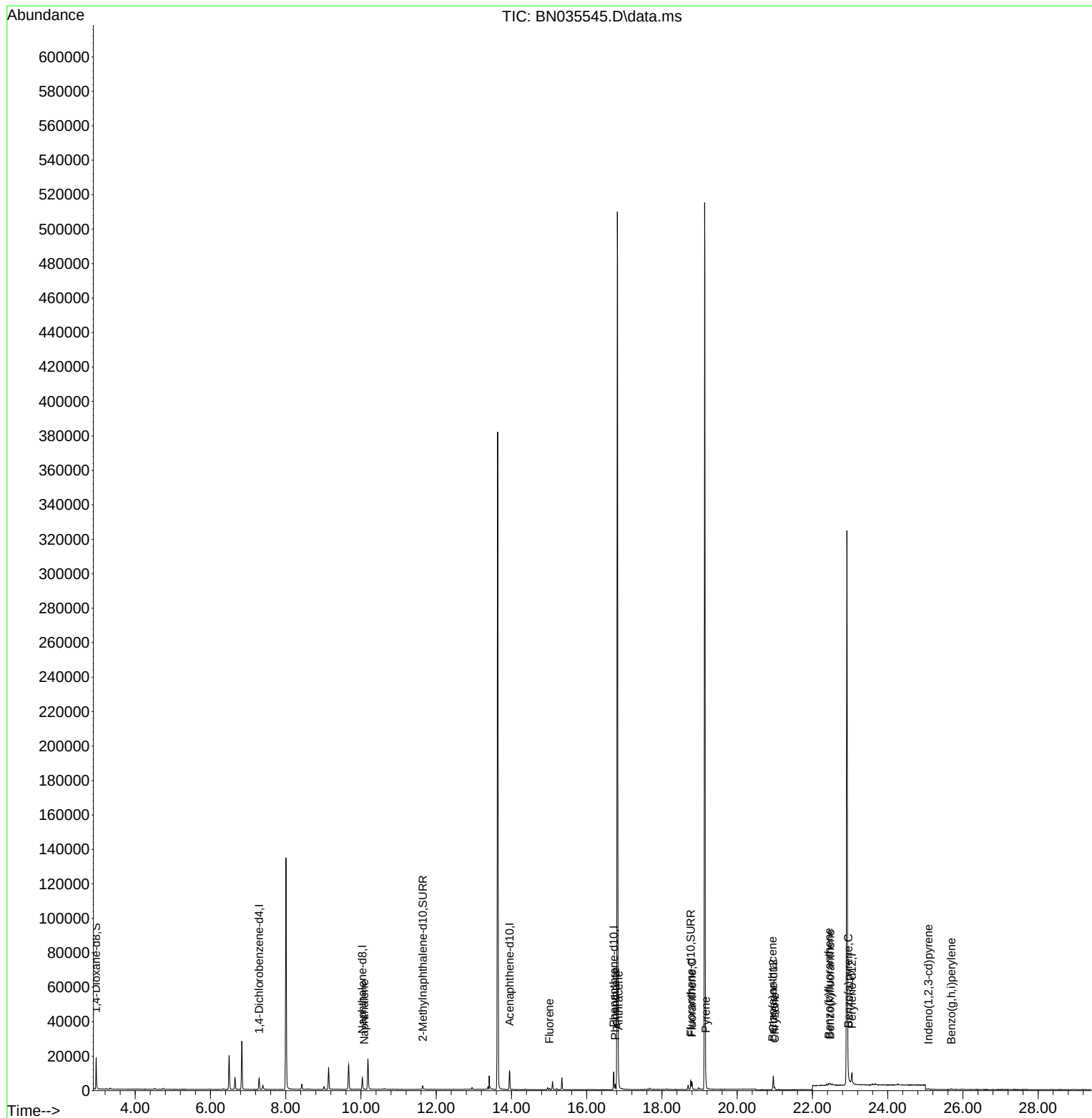
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035545.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5066-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

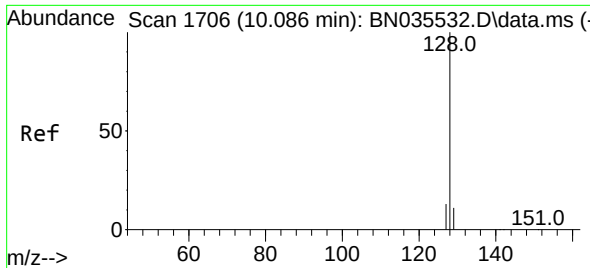
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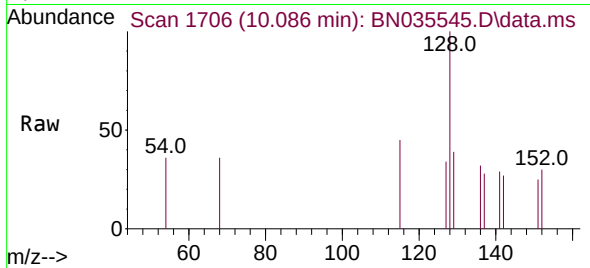
Quant Time: Dec 10 23:48:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN035545.D
Acq: 10 Dec 2024 23:18

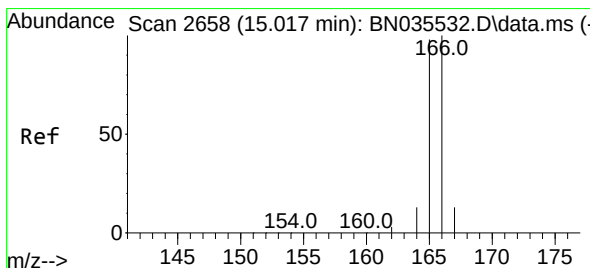
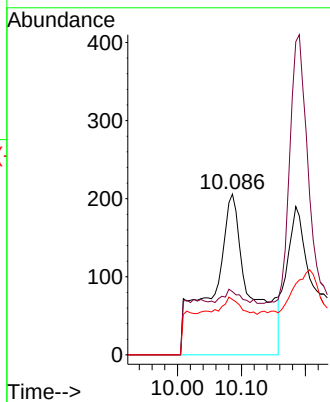
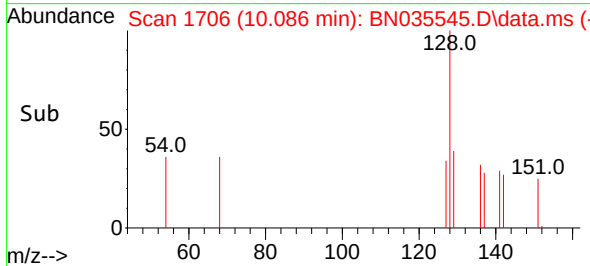
Instrument :
BNA_N
ClientSampleId :
E28N2



Tgt Ion:128 Resp: 850
Ion Ratio Lower Upper
128 100
129 39.3 9.9 14.9
127 34.5 11.4 17.2

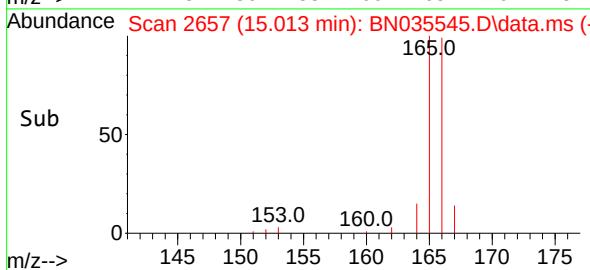
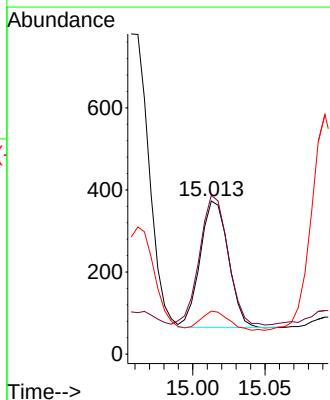
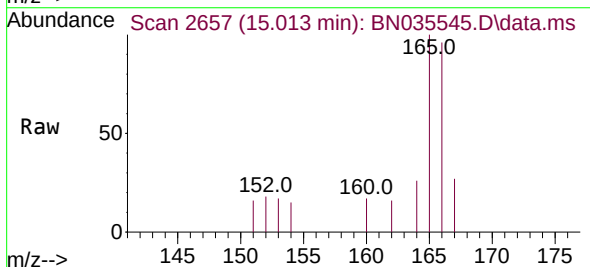
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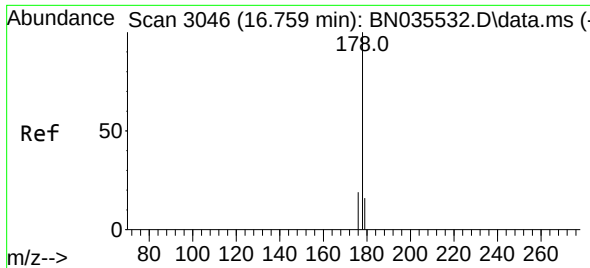
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.013 min Scan# 2657
Delta R.T. -0.005 min
Lab File: BN035545.D
Acq: 10 Dec 2024 23:18

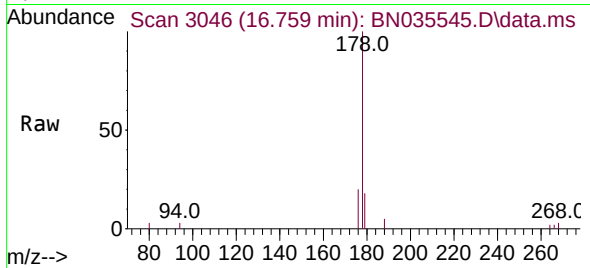
Tgt Ion:166 Resp: 419
Ion Ratio Lower Upper
166 100
165 103.8 78.6 118.0
167 28.2 11.8 17.6





#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 16.759 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN035545.D
Acq: 10 Dec 2024 23:18

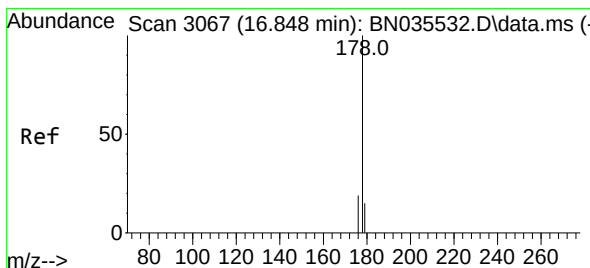
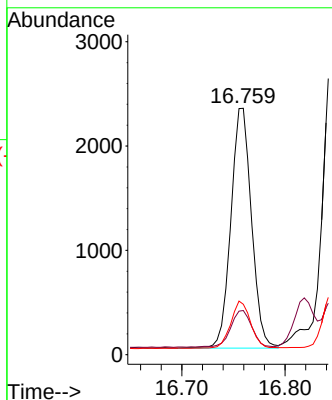
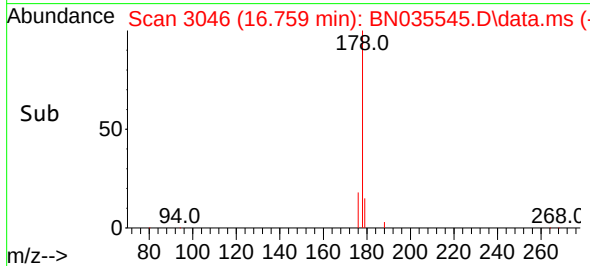
Instrument :
BNA_N
ClientSampleId :
E28N2



Tgt Ion:178 Resp: 3189
Ion Ratio Lower Upper
178 100
179 17.9 12.9 19.3
176 20.4 15.6 23.4

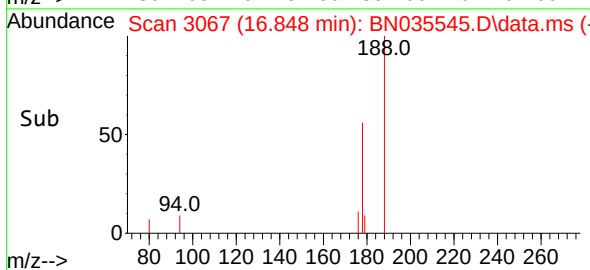
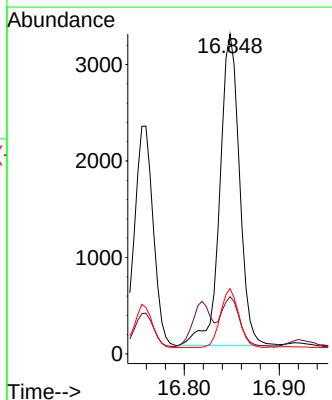
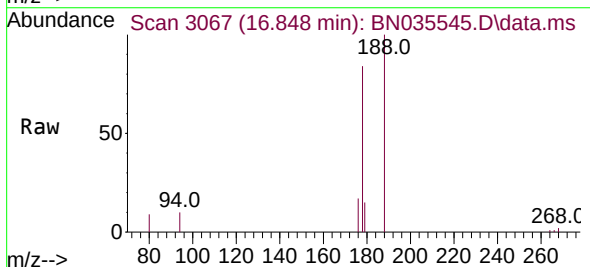
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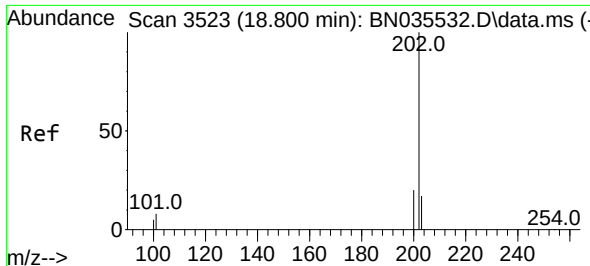
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Supervised By :mohammad ahmed 12/12/2024



#16
Anthracene
Concen: 0.161 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035545.D
Acq: 10 Dec 2024 23:18

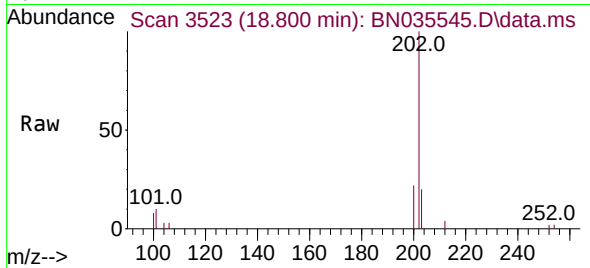
Tgt Ion:178 Resp: 4670
Ion Ratio Lower Upper
178 100
179 17.9 12.9 19.3
176 20.4 15.4 23.2





#19
Fluoranthene
Concen: 0.151 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035545.D
Acq: 10 Dec 2024 23:18

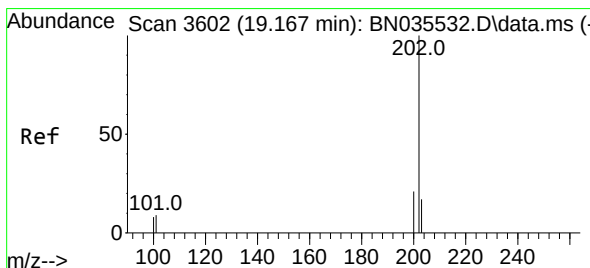
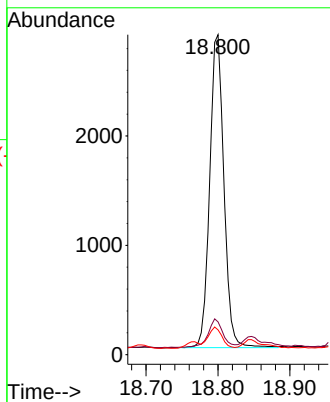
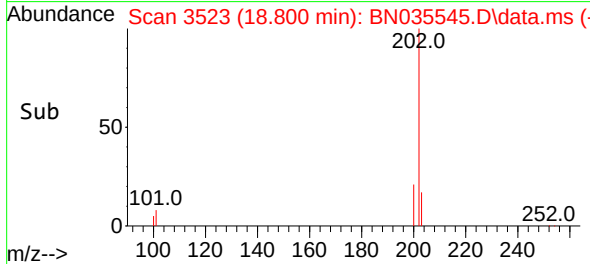
Instrument :
BNA_N
ClientSampleId :
E28N2



Tgt Ion:202 Resp: 3918
Ion Ratio Lower Upper
202 100
101 10.2 5.8 8.6#
100 7.8 4.5 6.7#

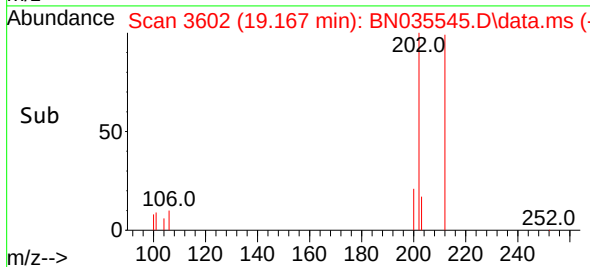
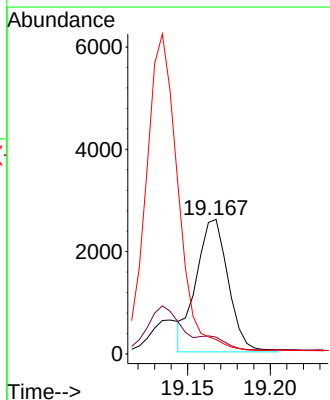
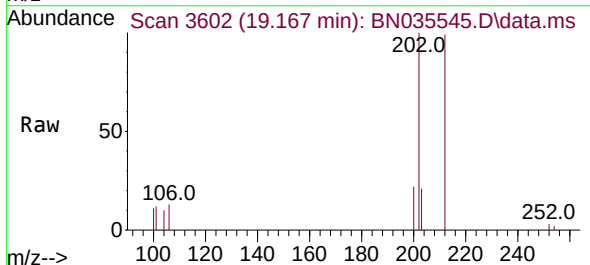
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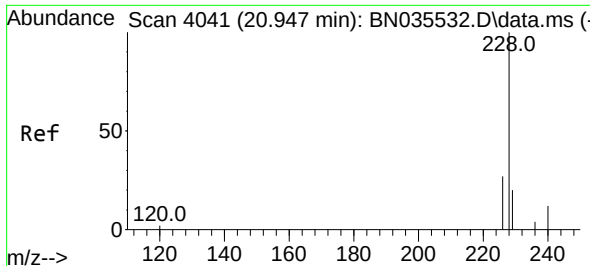
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#20
Pyrene
Concen: 0.130 ng/ul m
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035545.D
Acq: 10 Dec 2024 23:18

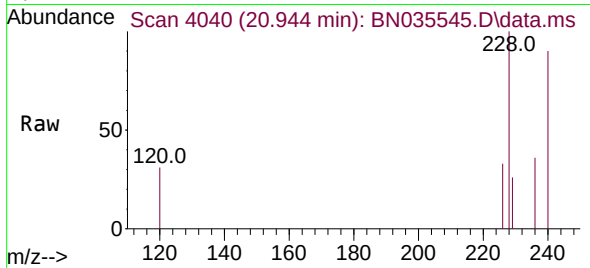
Tgt Ion:202 Resp: 3498
Ion Ratio Lower Upper
202 100
101 12.4 6.2 9.4#
100 10.6 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.042 ng/ul
RT: 20.944 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035545.D
Acq: 10 Dec 2024 23:18

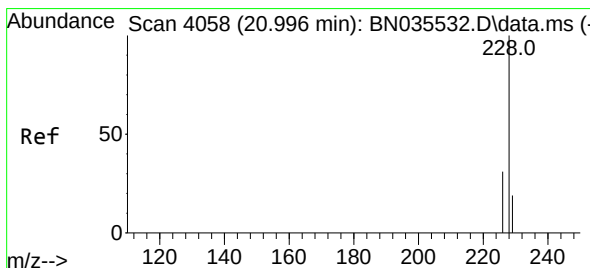
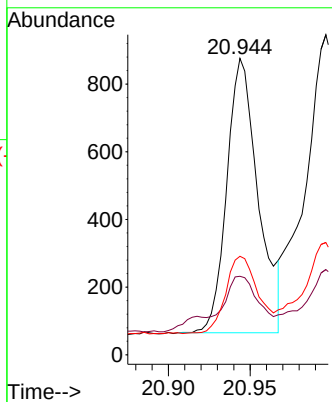
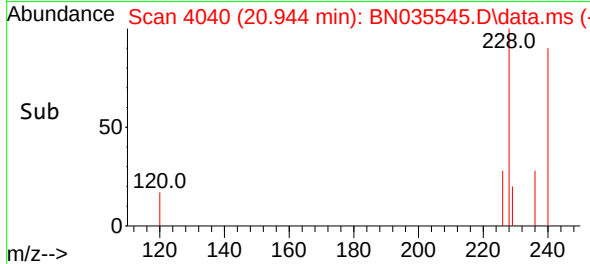
Instrument :
BNA_N
ClientSampleId :
E28N2



Tgt Ion:228 Resp: 1080
Ion Ratio Lower Upper
228 100
229 26.5 15.8 23.8
226 33.2 21.8 32.8

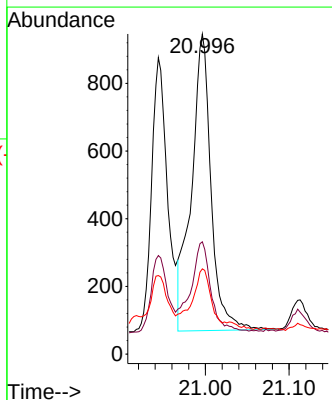
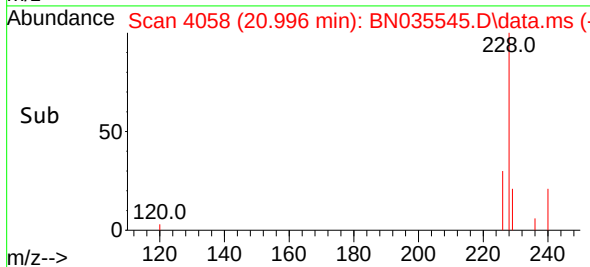
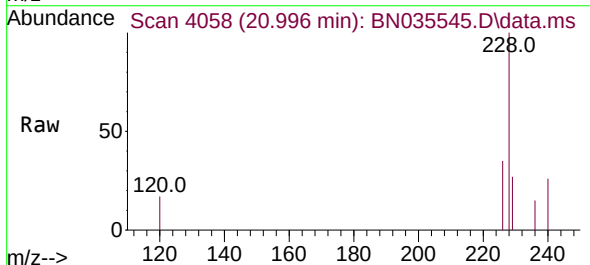
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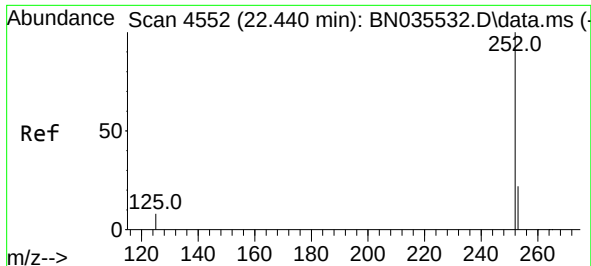
Reviewed By :Yogesh Patel 12/12/2024
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#22
Chrysene
Concen: 0.055 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. 0.000 min
Lab File: BN035545.D
Acq: 10 Dec 2024 23:18

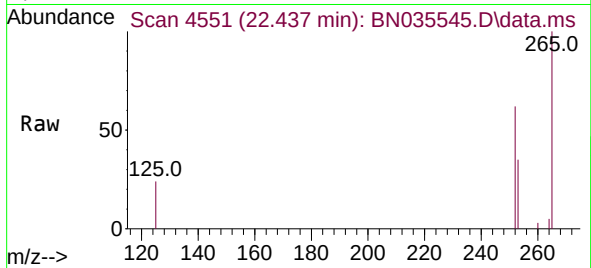
Tgt Ion:228 Resp: 1431
Ion Ratio Lower Upper
228 100
226 35.1 24.7 37.1
229 26.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.082 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.003 min
Lab File: BN035545.D
Acq: 10 Dec 2024 23:18

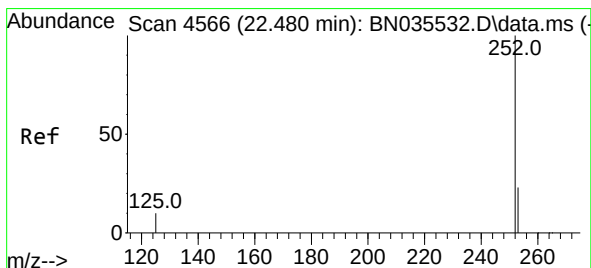
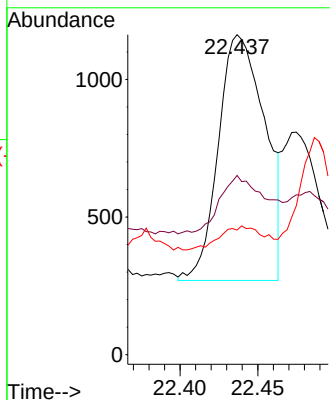
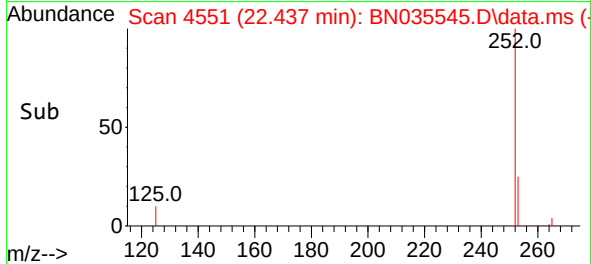
Instrument :
BNA_N
ClientSampleId :
E28N2



Tgt Ion:252 Resp: 1860
Ion Ratio Lower Upper
252 100
253 56.0 0.0 54.0#
125 39.0 0.0 19.4#

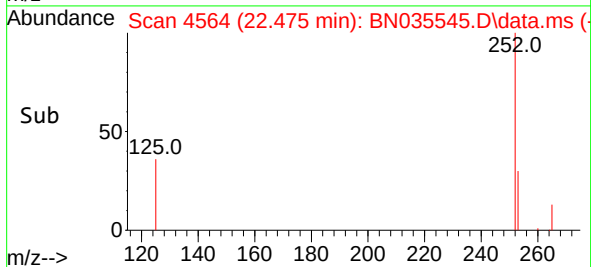
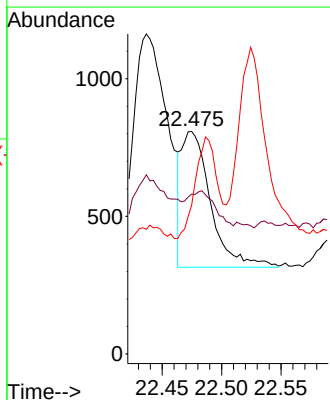
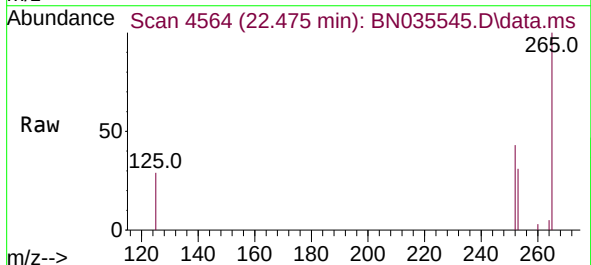
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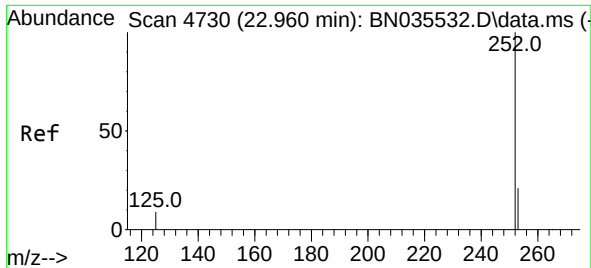
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Supervised By :mohammad ahmed 12/12/2024



#25
Benzo(k)fluoranthene
Concen: 0.036 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035545.D
Acq: 10 Dec 2024 23:18

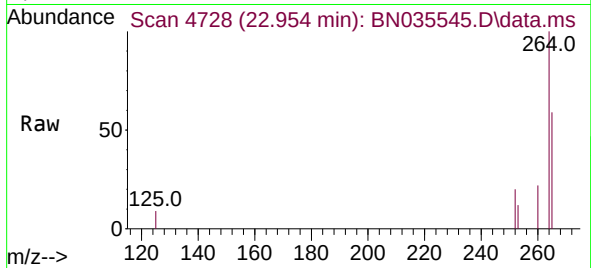
Tgt Ion:252 Resp: 840
Ion Ratio Lower Upper
252 100
253 71.8 21.8 32.6#
125 66.9 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.052 ng/ul
RT: 22.954 min Scan# 4728
Delta R.T. -0.006 min
Lab File: BN035545.D
Acq: 10 Dec 2024 23:18

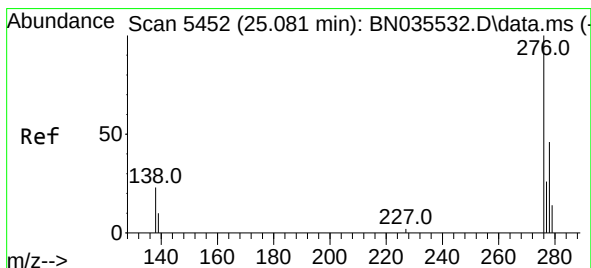
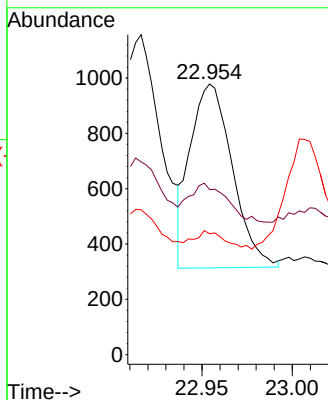
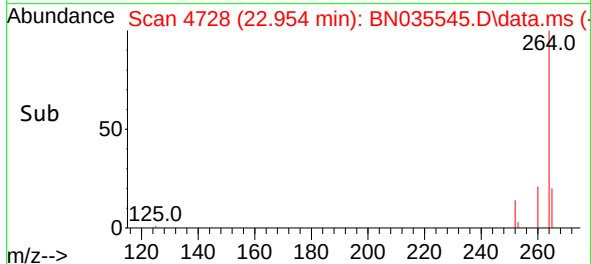
Instrument :
BNA_N
ClientSampleId :
E28N2



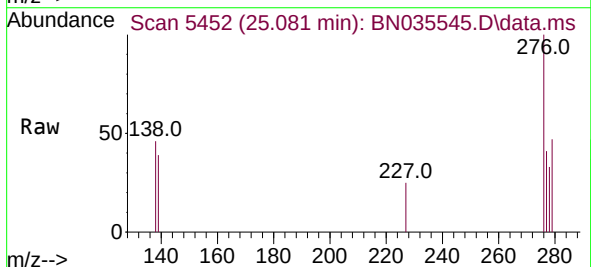
Tgt Ion:252 Resp: 108
Ion Ratio Lower Upper
252 100
253 61.0 22.9 34.3
125 44.6 9.4 14.2

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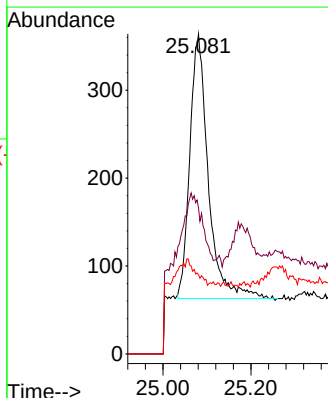
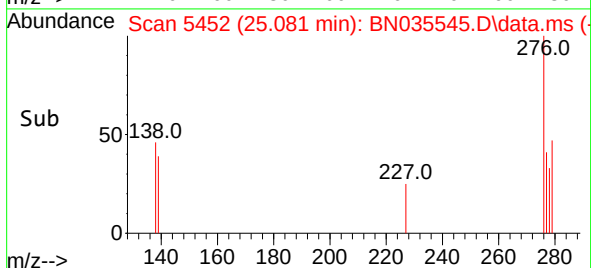
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

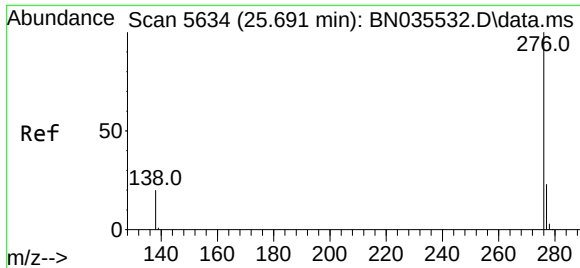


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 25.081 min Scan# 5452
Delta R.T. 0.000 min
Lab File: BN035545.D
Acq: 10 Dec 2024 23:18



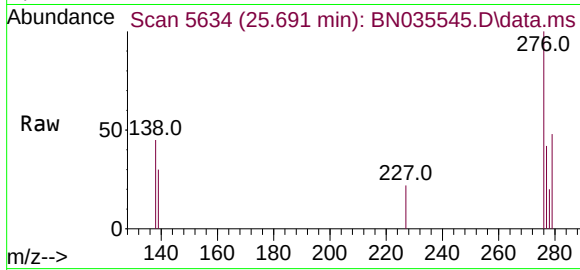
Tgt Ion:276 Resp: 875
Ion Ratio Lower Upper
276 100
138 0.0 13.8 20.8#
227 0.0 0.2 0.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.040 ng/ul
 RT: 25.691 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN035545.D
 Acq: 10 Dec 2024 23:18

Instrument :
 BNA_N
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Tgt Ion: 276 Resp: 89

Ion	Ratio	Lower	Upper
276	100		
138	44.9	13.0	19.6
277	42.0	20.5	30.7

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