

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035556.D
 Acq On : 11 Dec 2024 06:30
 Operator : RC/JU
 Sample : P5066-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28M5

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 06:53:34 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	2596	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	7942	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5200	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	9814	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.964	240	5479	0.400	ng/ul	# 0.00
23) Perylene-d12	23.054	264	5943m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	8334	3.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	2512	0.216	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	4378	0.290	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.086	128	608m	0.030	ng/ul	
7) 2-Methylnaphthalene	11.714	142	513	0.037	ng/ul	95
8) 1-Methylnaphthalene	11.945	142	407	0.029	ng/ul	96
10) Acenaphthylene	13.662	152	970	0.047	ng/ul#	79
15) Phenanthrene	16.760	178	2396	0.092	ng/ul#	90
16) Anthracene	16.848	178	841	0.035	ng/ul#	67
19) Fluoranthene	18.800	202	5786	0.303	ng/ul#	94
20) Pyrene	19.167	202	5530m	0.279	ng/ul	
21) Benzo(a)anthracene	20.947	228	2622	0.138	ng/ul#	59
22) Chrysene	20.999	228	3222	0.168	ng/ul#	63
24) Benzo(b)fluoranthene	22.443	252	5288m	0.269	ng/ul	
25) Benzo(k)fluoranthene	22.481	252	1776m	0.088	ng/ul	
26) Benzo(a)pyrene	22.963	252	3272m	0.182	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.081	276	2608m	0.108	ng/ul	
29) Benzo(g,h,i)perylene	25.695	276	2882m	0.151	ng/ul	

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

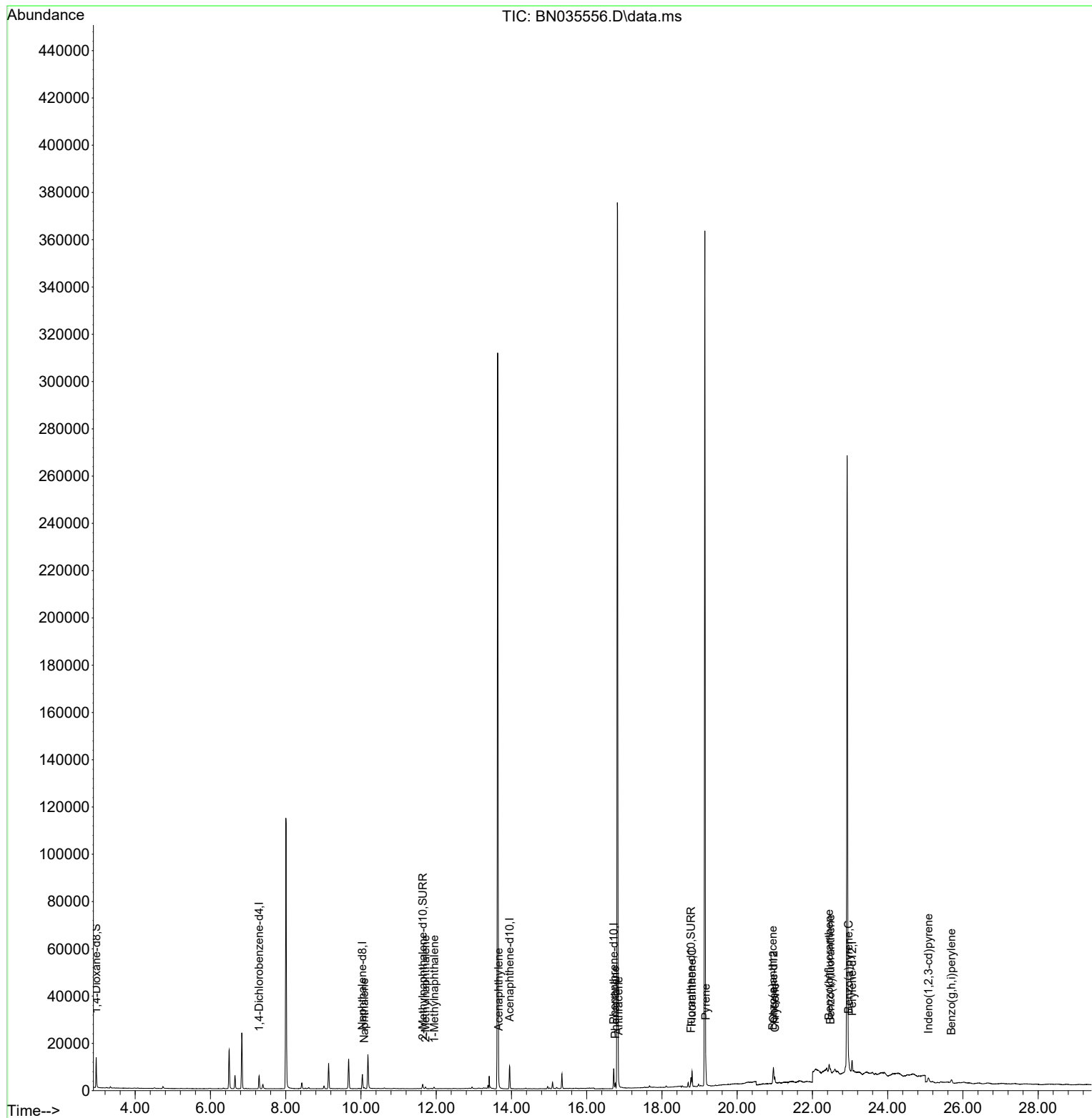
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035556.D
Acq On : 11 Dec 2024 06:30
Operator : RC/JU
Sample : P5066-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

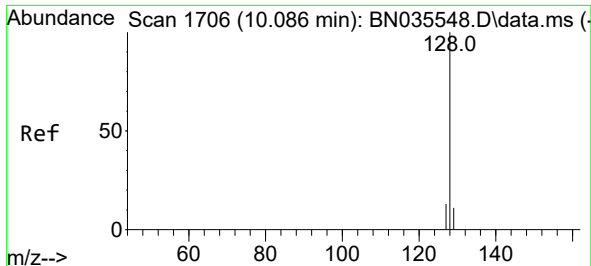
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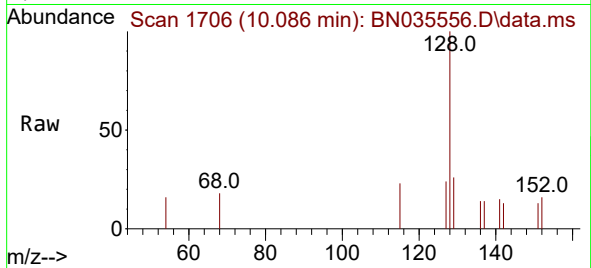
Quant Time: Dec 11 06:53:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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#5
Naphthalene
Concen: 0.030 ng/ul m
RT: 10.086 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

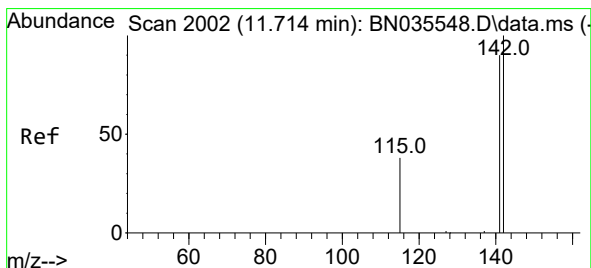
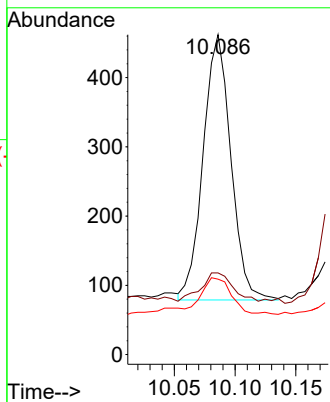
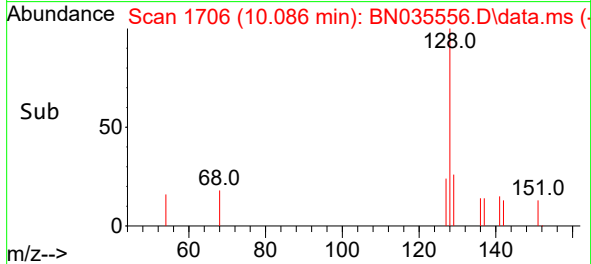
Instrument :
BNA_N
ClientSampleId :
E28M5



Tgt Ion:128 Resp: 608
Ion Ratio Lower Upper
128 100
129 25.5 9.9 14.9
127 23.6 11.4 17.2

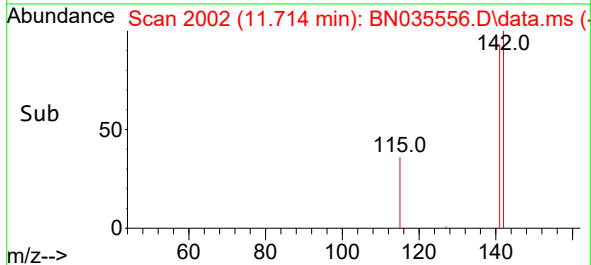
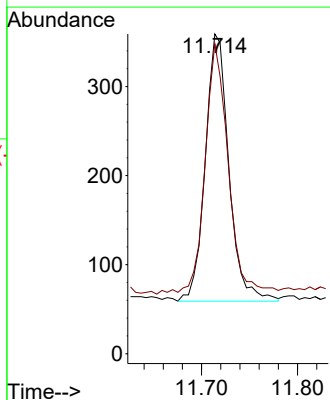
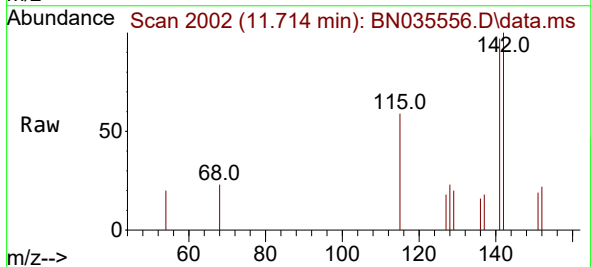
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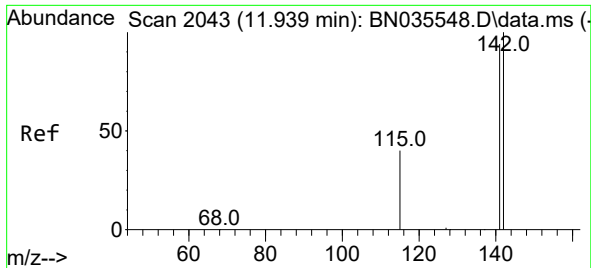
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

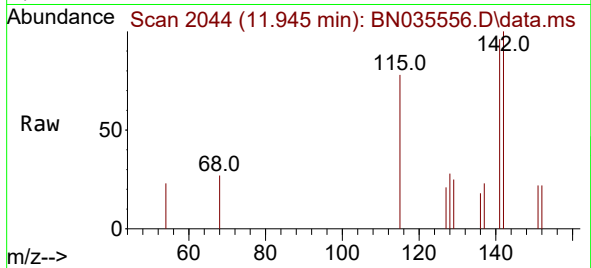
Tgt Ion:142 Resp: 513
Ion Ratio Lower Upper
142 100
141 92.2 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 11.945 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

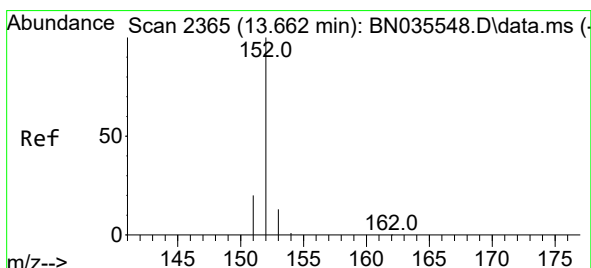
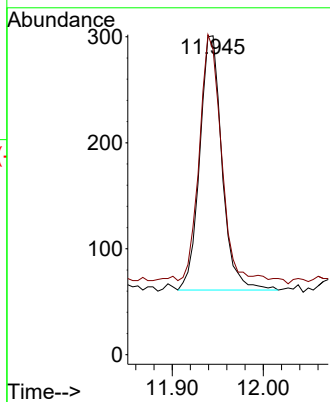
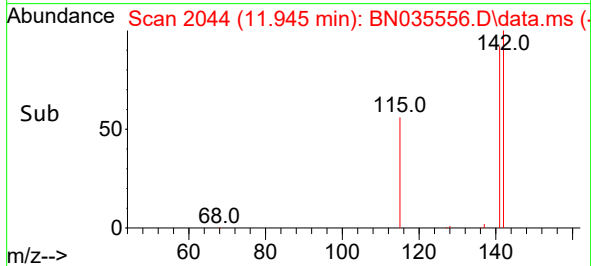
Instrument :
BNA_N
ClientSampleId :
E28M5



Tgt Ion:142 Resp: 407
Ion Ratio Lower Upper
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141 95.3 73.1 109.7

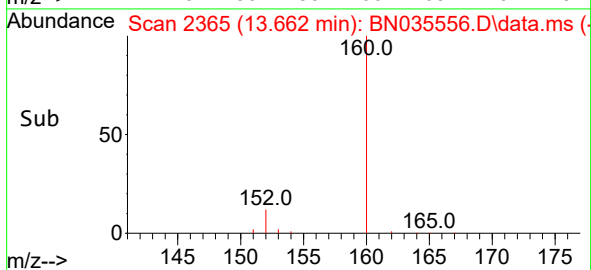
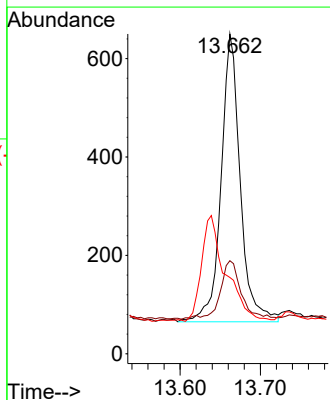
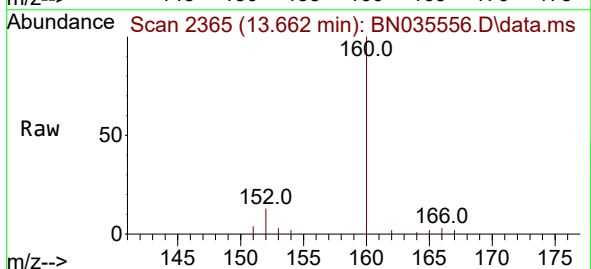
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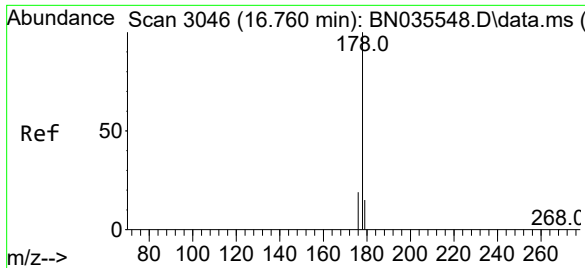
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 13.662 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

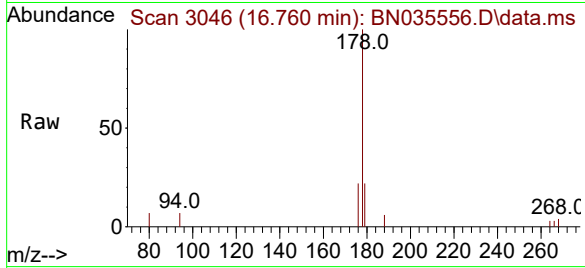
Tgt Ion:152 Resp: 970
Ion Ratio Lower Upper
152 100
151 29.1 16.4 24.6#
153 23.8 11.1 16.7#





#15
Phenanthrene
Concen: 0.092 ng/ul
RT: 16.760 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

Instrument :
BNA_N
ClientSampleId :
E28M5

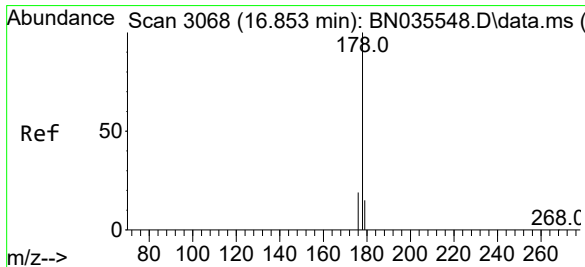
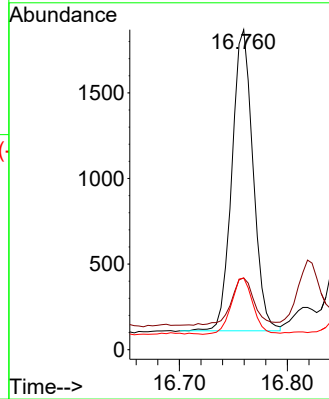
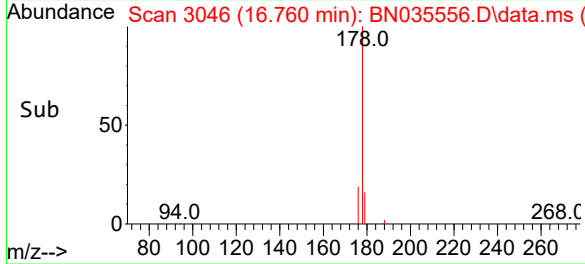


Tgt Ion:178 Resp: 2390

Ion	Ratio	Lower	Upper
178	100		
179	22.4	12.9	19.3#
176	22.4	15.6	23.4#

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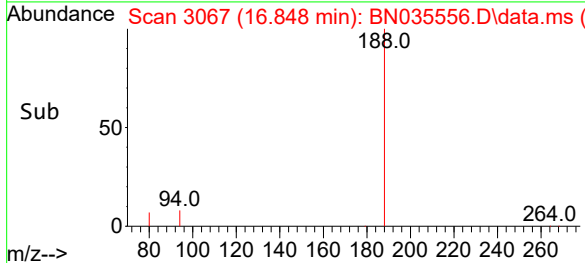
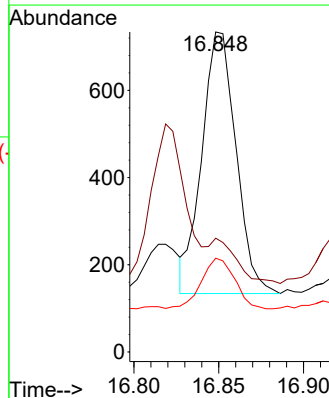
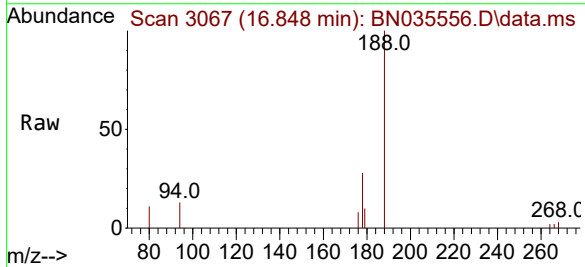
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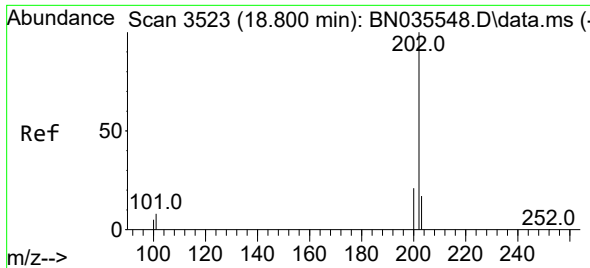


#16
Anthracene
Concen: 0.035 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

Tgt Ion:178 Resp: 841

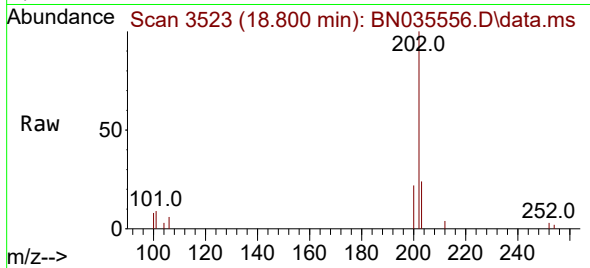
Ion	Ratio	Lower	Upper
178	100		
179	35.6	12.9	19.3#
176	29.3	15.4	23.2#





#19
Fluoranthene
Concen: 0.303 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

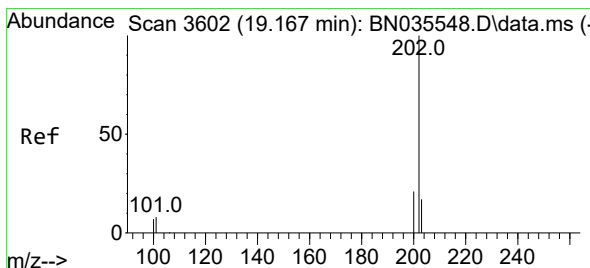
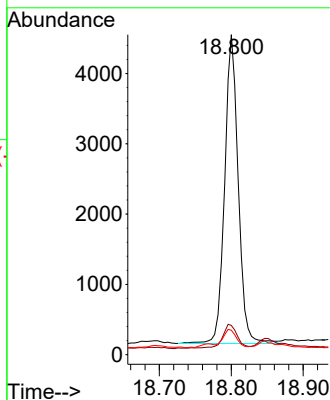
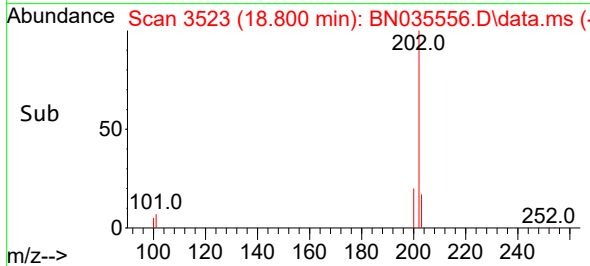
Instrument :
BNA_N
ClientSampleId :
E28M5



Tgt Ion:202 Resp: 5780
Ion Ratio Lower Upper
202 100
101 9.2 5.8 8.6
100 7.6 4.5 6.7

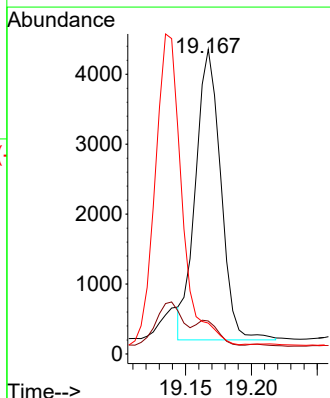
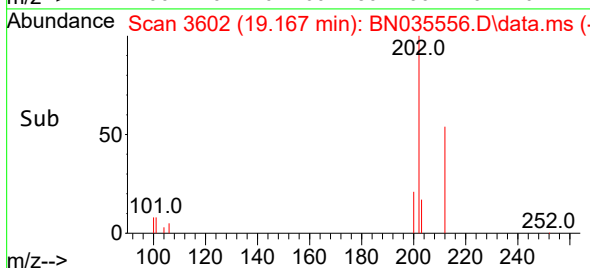
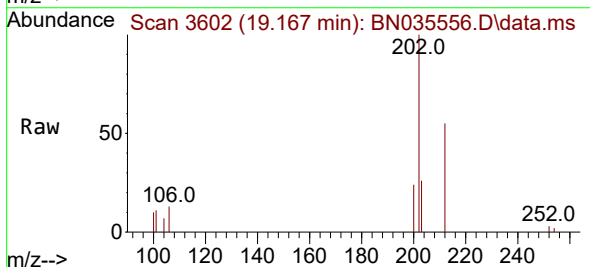
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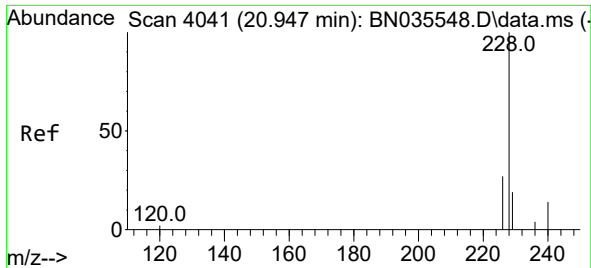
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 0.279 ng/ul m
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

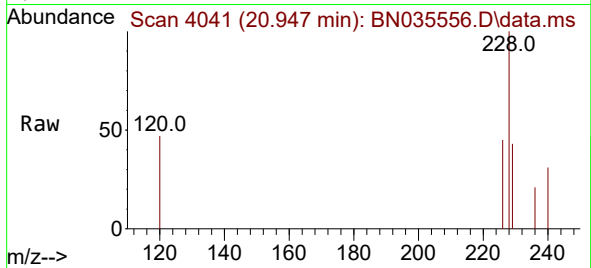
Tgt Ion:202 Resp: 5530
Ion Ratio Lower Upper
202 100
101 10.8 6.2 9.4#
100 10.2 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.138 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. 0.000 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

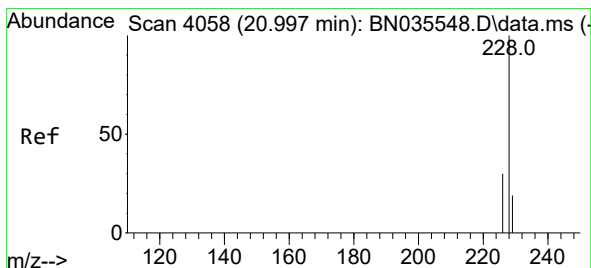
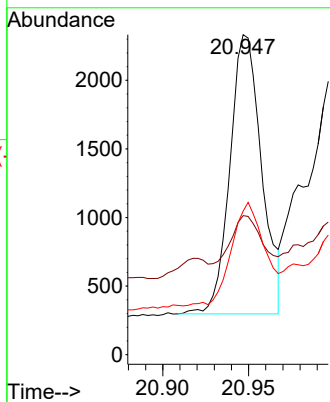
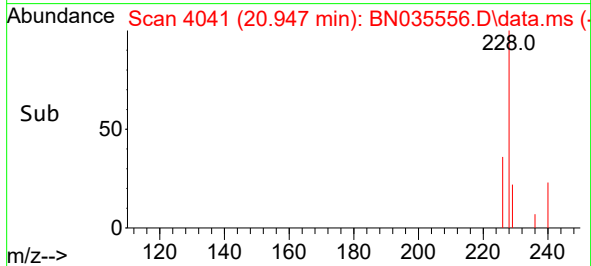
Instrument :
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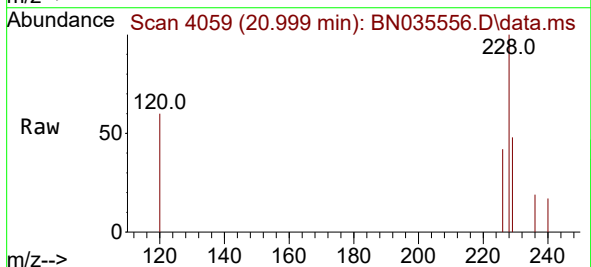
Tgt Ion:228 Resp: 262
Ion Ratio Lower Upper
228 100
229 43.5 15.8 23.8
226 44.8 21.8 32.8

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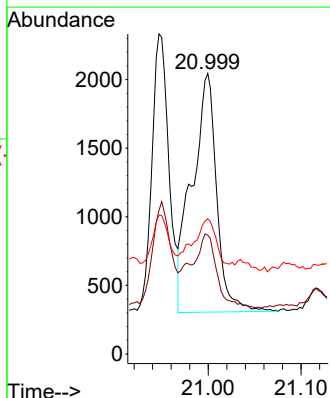
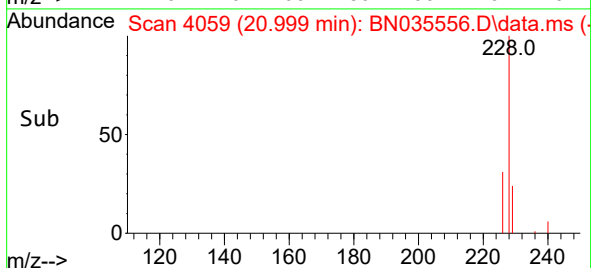
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Supervised By :mohammad ahmed 12/12/2024

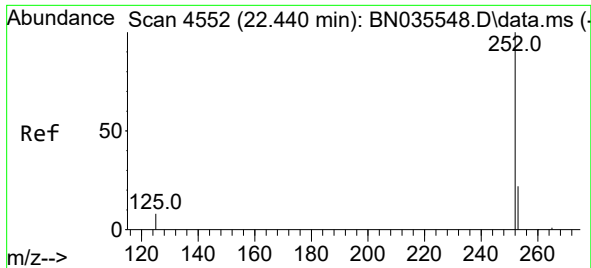


#22
Chrysene
Concen: 0.168 ng/ul
RT: 20.999 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30



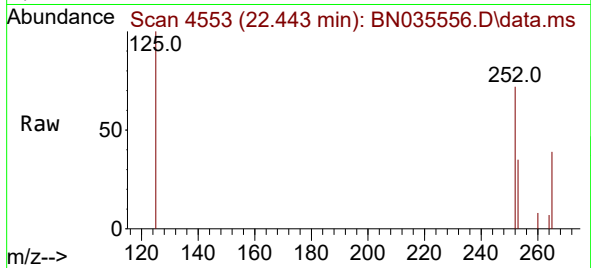
Tgt Ion:228 Resp: 3222
Ion Ratio Lower Upper
228 100
226 42.3 24.7 37.1#
229 48.2 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.269 ng/ul m
RT: 22.443 min Scan# 4553
Delta R.T. 0.003 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

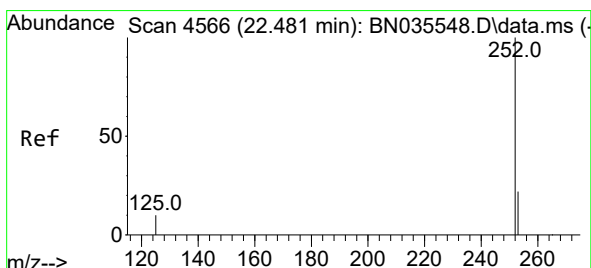
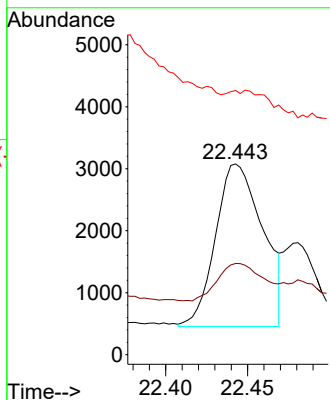
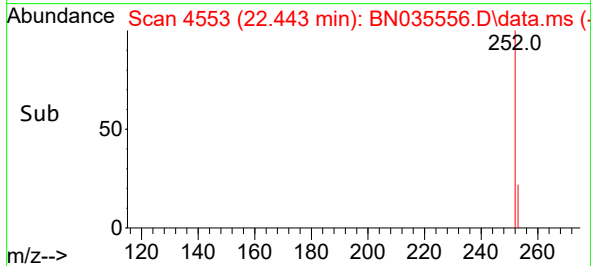
Instrument :
BNA_N
ClientSampleId :
E28M5



Tgt Ion:252 Resp: 5288
Ion Ratio Lower Upper
252 100
253 47.8 0.0 54.0
125 138.5 0.0 19.4

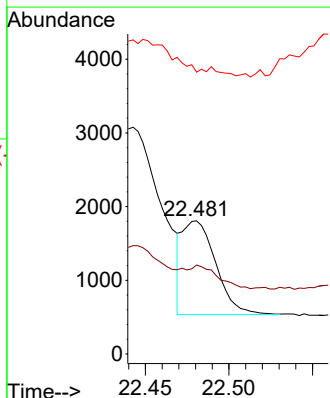
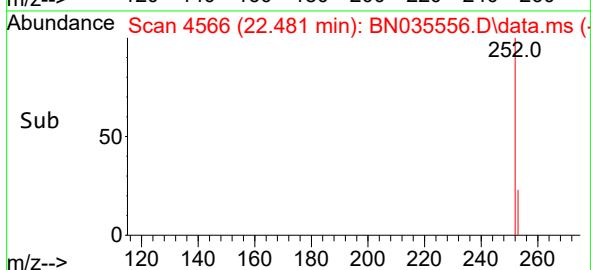
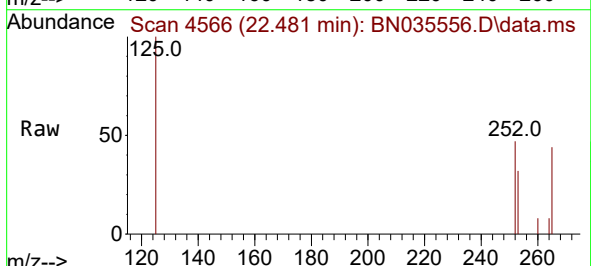
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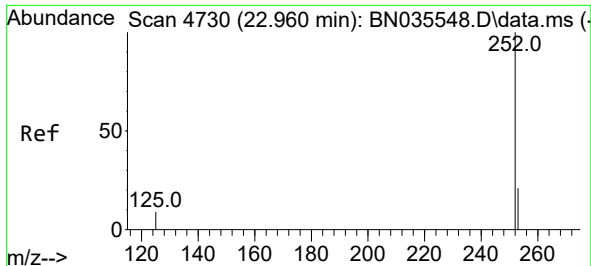
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#25
Benzo(k)fluoranthene
Concen: 0.088 ng/ul m
RT: 22.481 min Scan# 4566
Delta R.T. 0.000 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

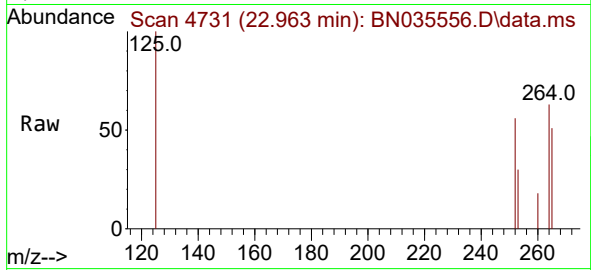
Tgt Ion:252 Resp: 1776
Ion Ratio Lower Upper
252 100
253 66.8 21.8 32.6#
125 211.5 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.182 ng/ul m
RT: 22.963 min Scan# 4731
Delta R.T. 0.003 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

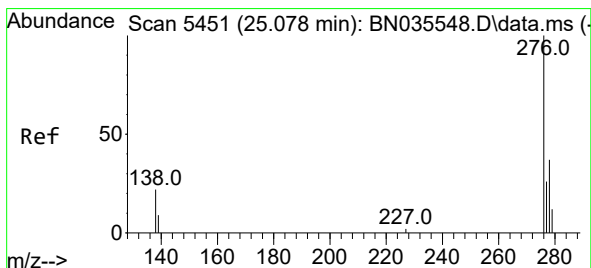
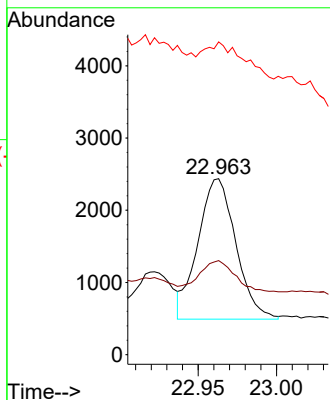
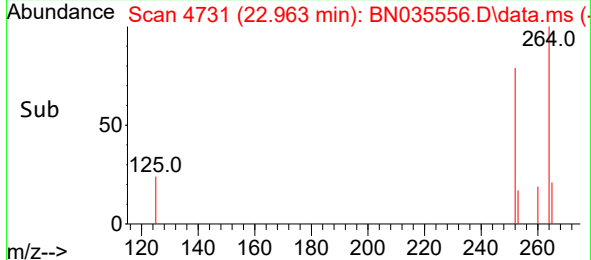
Instrument :
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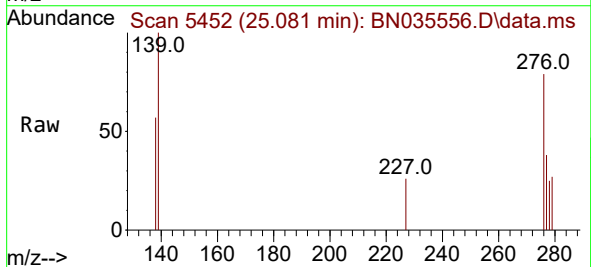
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Ion Ratio Lower Upper
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125 177.7 9.4 14.2#

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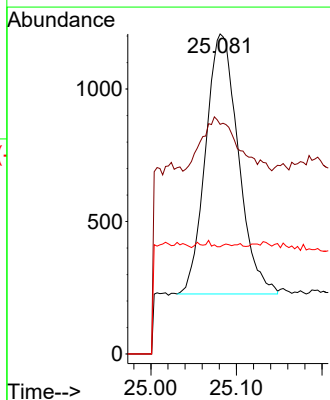
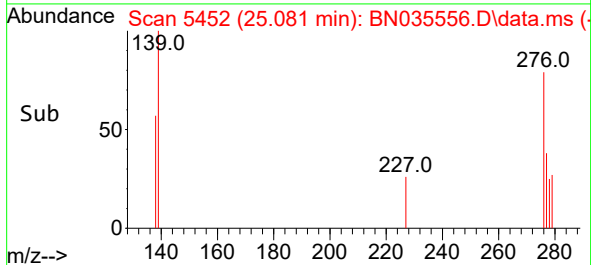
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

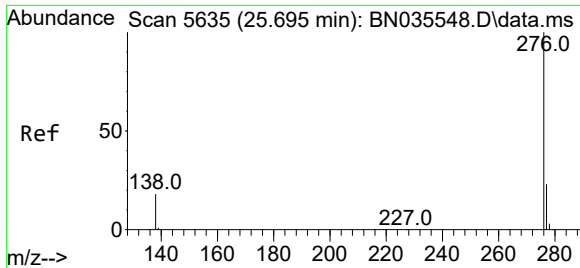


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng/ul m
RT: 25.081 min Scan# 5452
Delta R.T. 0.000 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30



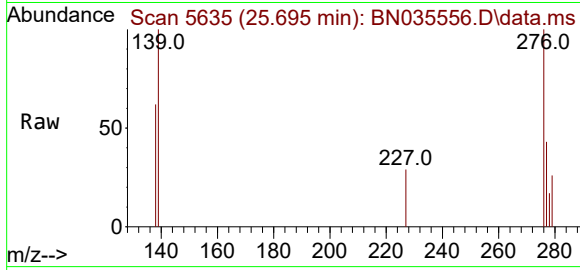
Tgt Ion:276 Resp: 2608
Ion Ratio Lower Upper
276 100
138 217.9 13.8 20.8#
227 120.1 0.2 0.4#





#29
Benzo(g,h,i)perylene
Concen: 0.151 ng/ul m
RT: 25.695 min Scan# 50
Delta R.T. 0.003 min
Lab File: BN035556.D
Acq: 11 Dec 2024 06:30

Instrument :
BNA_N
ClientSampleId :
E28M5



Tgt Ion:276 Resp: 288
Ion Ratio Lower Upper
276 100
138 62.2 13.0 19.6
277 43.5 20.5 30.7

Manual Integrations
APPROVED

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