

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035604.D
 Acq On : 13 Dec 2024 19:31
 Operator : RC/JU
 Sample : P5153-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 13 21:06:55 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	1759	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.036	136	5560	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.953	164	3410	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.721	188	6531	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.970	240	5172	0.400	ng/ul	# 0.00
23) Perylene-d12	23.062	264	5948m	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	7148	4.446	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	1822	0.224	ng/ul	0.00
18) Fluoranthene-d10	18.777	212	4288	0.301	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.086	128	38573	2.754	ng/ul	98
7) 2-Methylnaphthalene	11.719	142	18193	1.873	ng/ul	98
8) 1-Methylnaphthalene	11.945	142	6586	0.672	ng/ul	98
10) Acenaphthylene	13.667	152	5732	0.424	ng/ul#	90
11) Acenaphthene	14.018	153	1979	0.191	ng/ul	98
12) Fluorene	15.022	166	3249	0.267	ng/ul#	92
14) Pentachlorophenol	16.388	266	98	0.064	ng/ul	91
15) Phenanthrene	16.764	178	69736	4.039	ng/ul	100
16) Anthracene	16.852	178	17642	1.101	ng/ul	96
19) Fluoranthene	18.805	202	104967	5.829	ng/ul	97
20) Pyrene	19.172	202	111345	5.942	ng/ul#	95
21) Benzo(a)anthracene	20.953	228	84970	4.735	ng/ul	93
22) Chrysene	21.002	228	113365m	6.277	ng/ul	
24) Benzo(b)fluoranthene	22.451	252	199822m	10.164	ng/ul	
25) Benzo(k)fluoranthene	22.489	252	67452m	3.327	ng/ul	
26) Benzo(a)pyrene	22.975	252	145554m	8.101	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.104	276	131139m	5.404	ng/ul	
28) Dibenzo(a,h)anthracene	25.111	278	30739m	1.616	ng/ul	
29) Benzo(g,h,i)perylene	25.728	276	148482m	7.760	ng/ul	

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

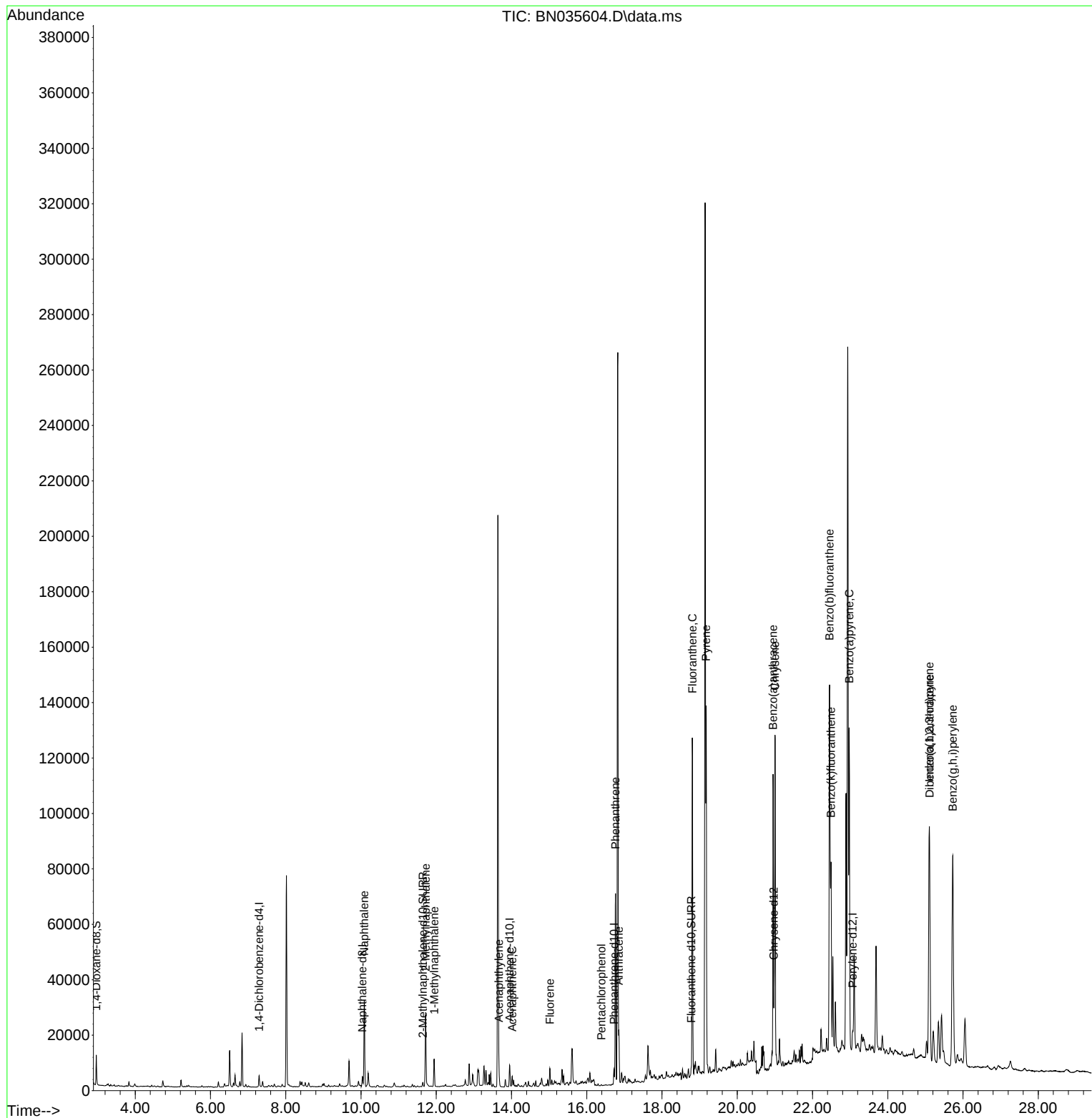
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035604.D
Acq On : 13 Dec 2024 19:31
Operator : RC/JU
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ALS Vial : 16 Sample Multiplier: 1

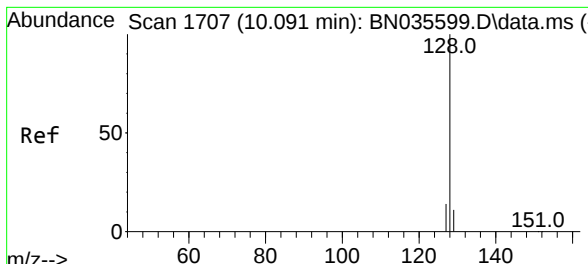
Instrument :
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Supervised By :mohammad ahmed 12/14/2024

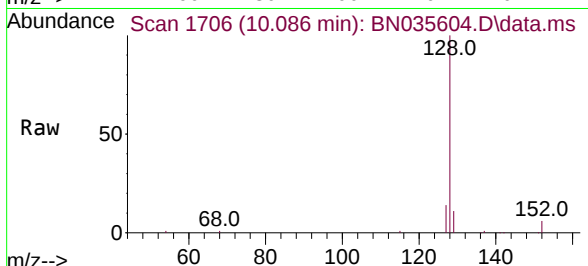
Quant Time: Dec 13 21:06:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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#5
Naphthalene
Concen: 2.754 ng/ul
RT: 10.086 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31

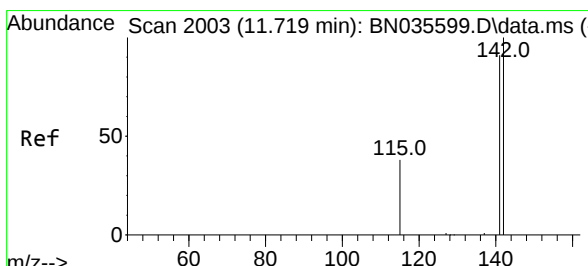
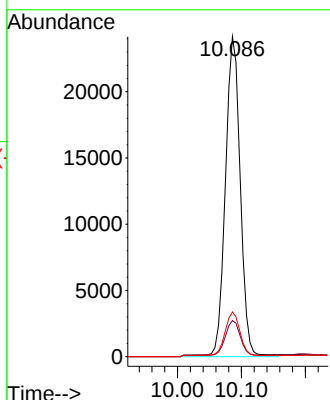
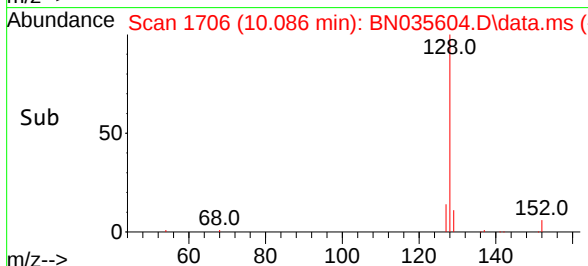
Instrument :
BNA_N
ClientSampleId :
E28R3



Tgt Ion:128 Resp: 3857
Ion Ratio Lower Upper
128 100
129 11.3 9.9 14.9
127 14.0 11.4 17.2

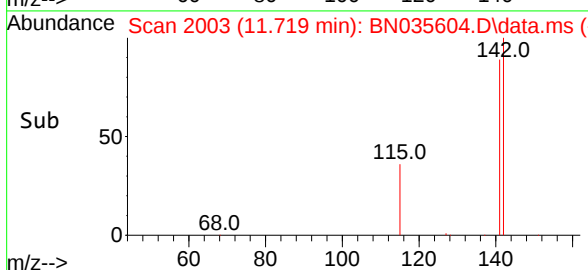
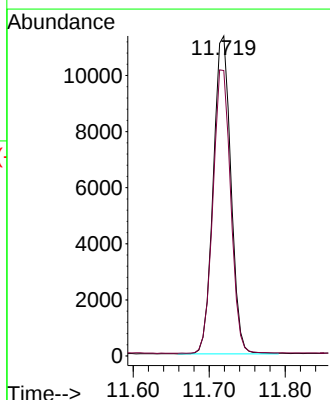
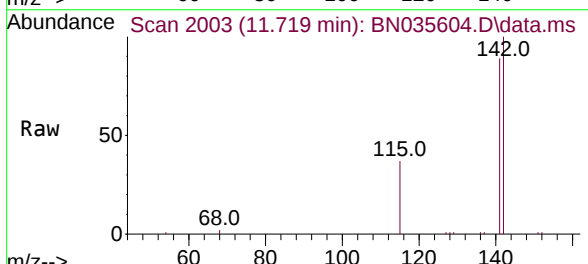
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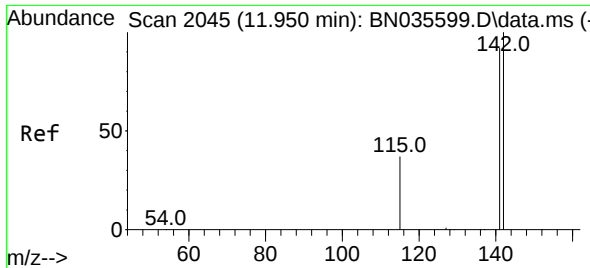
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#7
2-Methylnaphthalene
Concen: 1.873 ng/ul
RT: 11.719 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31

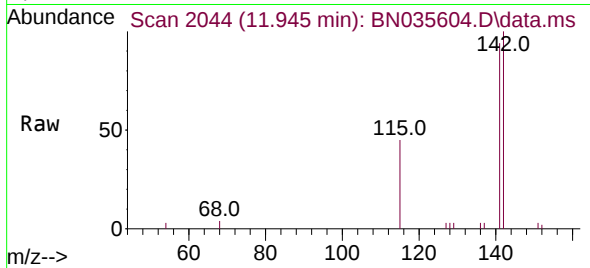
Tgt Ion:142 Resp: 18193
Ion Ratio Lower Upper
142 100
141 89.9 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.672 ng/ul
RT: 11.945 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31

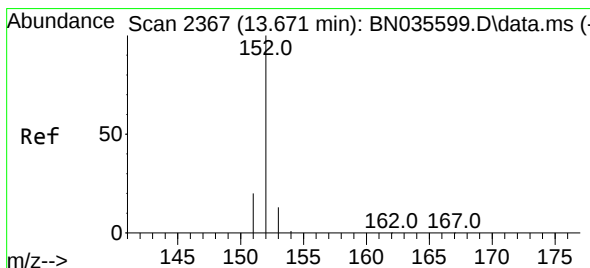
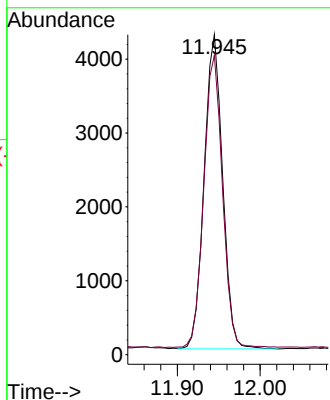
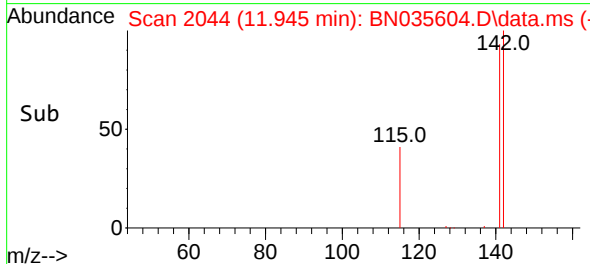
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 6580
Ion Ratio Lower Upper
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141 93.5 73.1 109.7

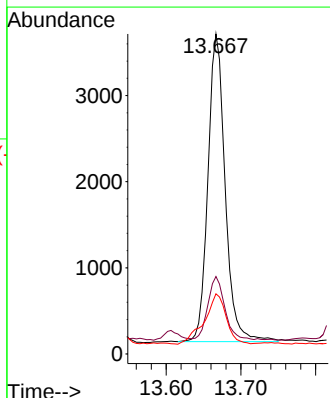
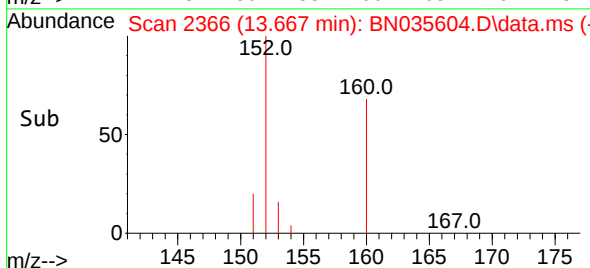
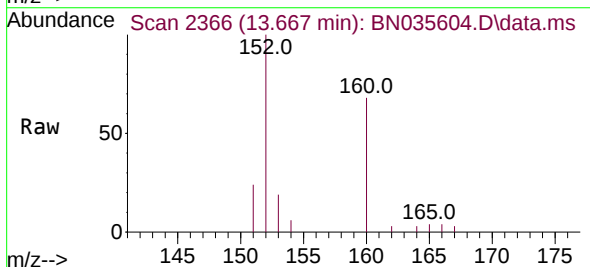
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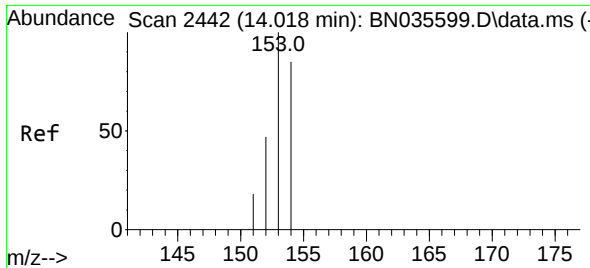
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#10
Acenaphthylene
Concen: 0.424 ng/ul
RT: 13.667 min Scan# 2366
Delta R.T. 0.005 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31

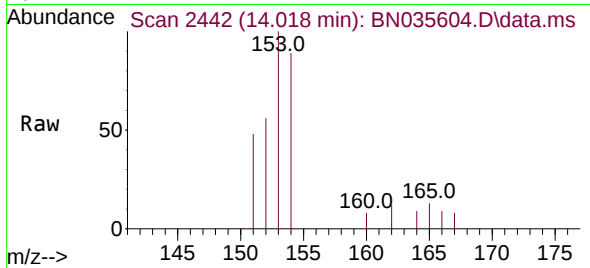
Tgt Ion:152 Resp: 5732
Ion Ratio Lower Upper
152 100
151 24.2 16.4 24.6
153 18.8 11.1 16.7#





#11
Acenaphthene
Concen: 0.191 ng/u1
RT: 14.018 min Scan# 2442
Delta R.T. 0.005 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31

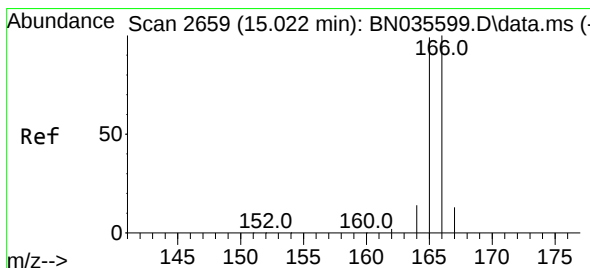
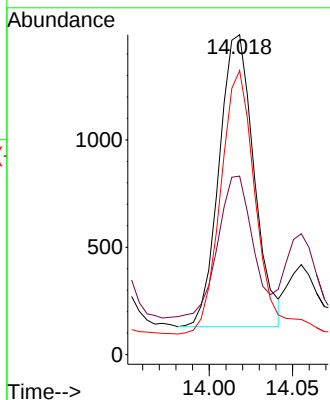
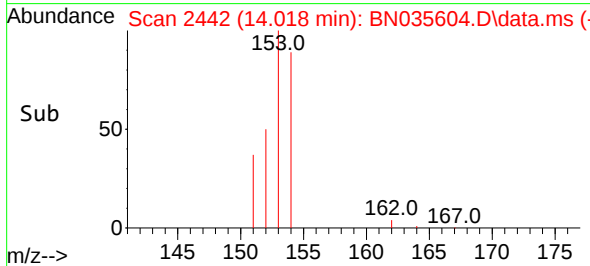
Instrument :
BNA_N
ClientSampleId :
E28R3



Tgt Ion:153 Resp: 1979
Ion Ratio Lower Upper
153 100
152 55.8 41.4 62.0
154 88.8 71.2 106.8

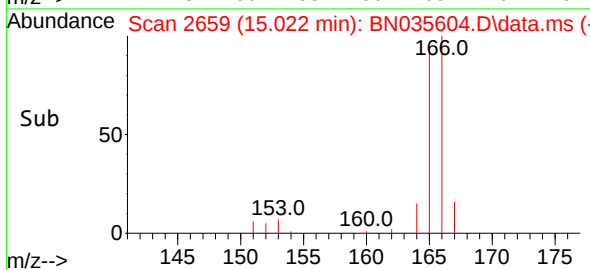
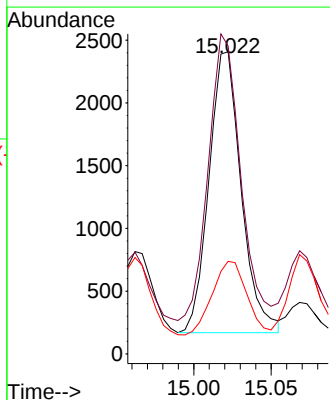
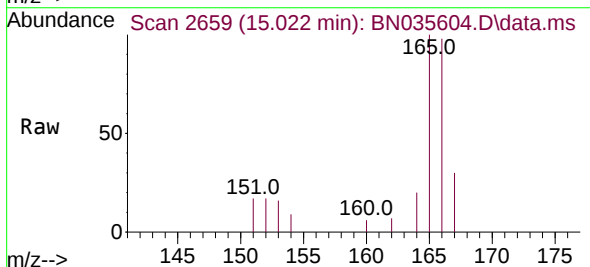
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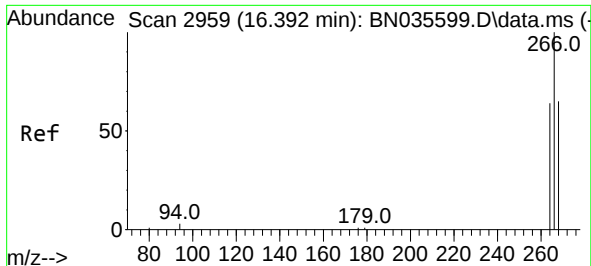
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#12
Fluorene
Concen: 0.267 ng/u1
RT: 15.022 min Scan# 2659
Delta R.T. 0.005 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31

Tgt Ion:166 Resp: 3249
Ion Ratio Lower Upper
166 100
165 102.0 78.6 118.0
167 30.6 11.8 17.6#





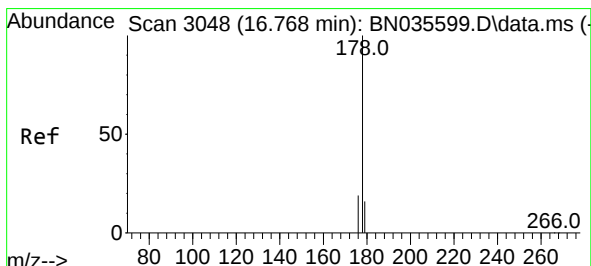
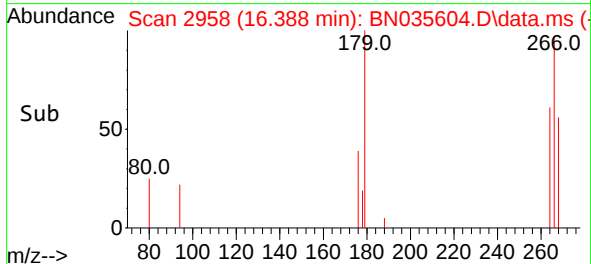
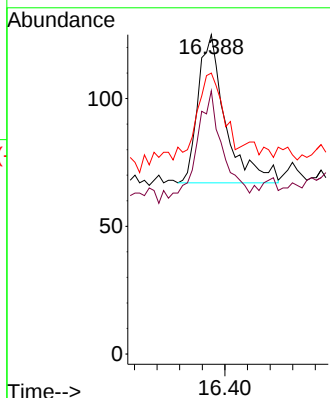
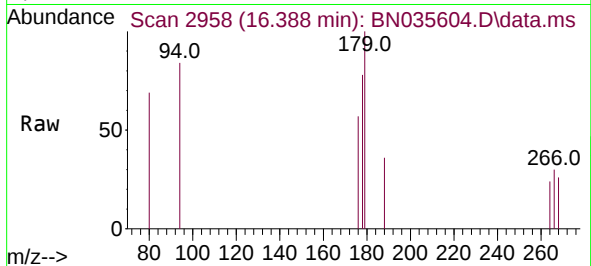
#14
 Pentachlorophenol
 Concen: 0.064 ng/ul
 RT: 16.388 min Scan# 2958
 Delta R.T. 0.009 min
 Lab File: BN035604.D
 Acq: 13 Dec 2024 19:31

Instrument :
 BNA_N
 ClientSampleId :
 E28R3

Tgt Ion:266	Resp:	98	
Ion Ratio	Lower	Upper	
266	100		
264	76.5	51.8	77.6
268	66.3	51.3	76.9

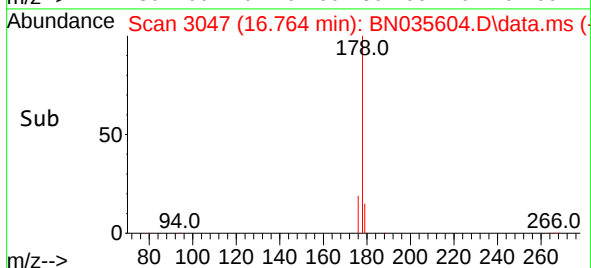
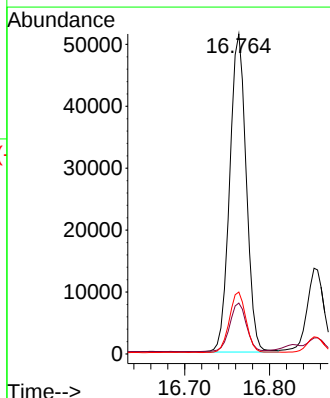
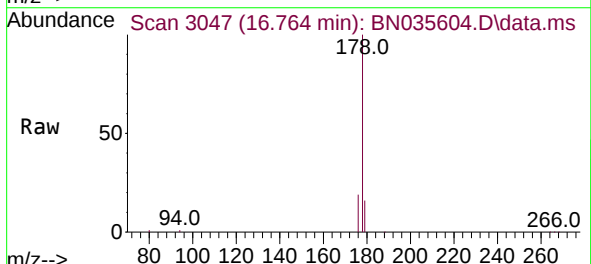
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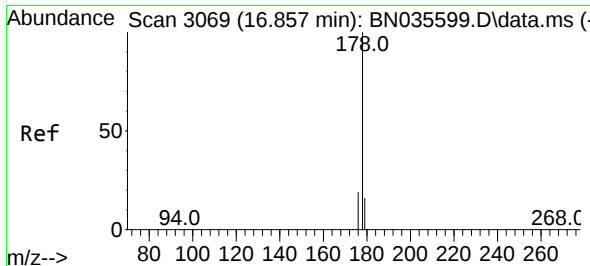
Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



#15
 Phenanthrene
 Concen: 4.039 ng/ul
 RT: 16.764 min Scan# 3047
 Delta R.T. 0.004 min
 Lab File: BN035604.D
 Acq: 13 Dec 2024 19:31

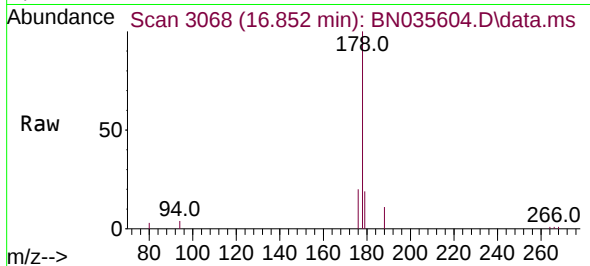
Tgt Ion:178	Resp:	69736	
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.4	15.6	23.4





#16
 Anthracene
 Concen: 1.101 ng/ul
 RT: 16.852 min Scan# 3069
 Delta R.T. 0.004 min
 Lab File: BN035604.D
 Acq: 13 Dec 2024 19:31

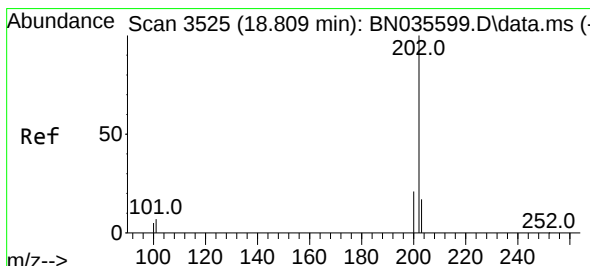
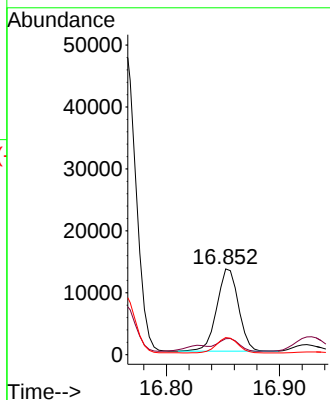
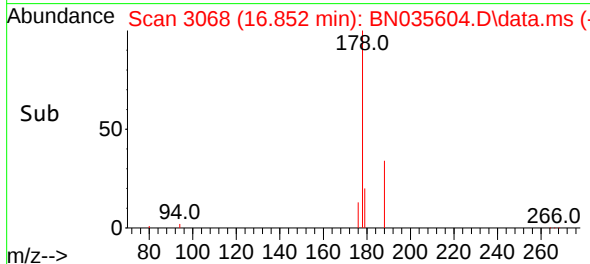
Instrument :
 BNA_N
 ClientSampleId :
 E28R3



Tgt Ion:178 Resp: 17642
 Ion Ratio Lower Upper
 178 100
 179 18.8 12.9 19.3
 176 20.1 15.4 23.2

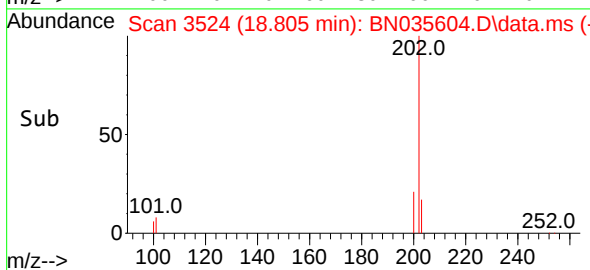
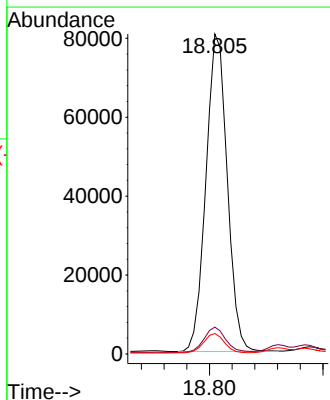
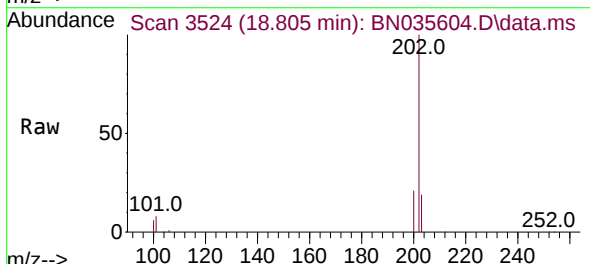
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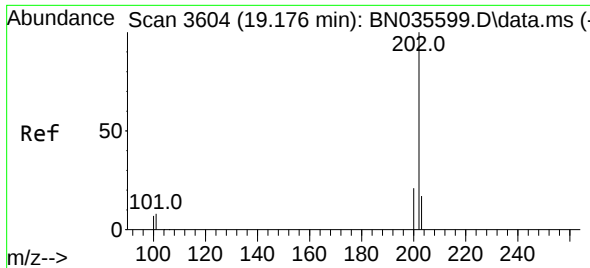
Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



#19
 Fluoranthene
 Concen: 5.829 ng/ul
 RT: 18.805 min Scan# 3524
 Delta R.T. 0.005 min
 Lab File: BN035604.D
 Acq: 13 Dec 2024 19:31

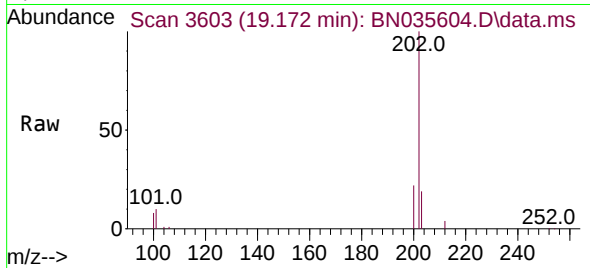
Tgt Ion:202 Resp: 104967
 Ion Ratio Lower Upper
 202 100
 101 8.4 5.8 8.6
 100 6.4 4.5 6.7





#20
Pyrene
Concen: 5.942 ng/ul
RT: 19.172 min Scan# 3603
Delta R.T. 0.005 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31

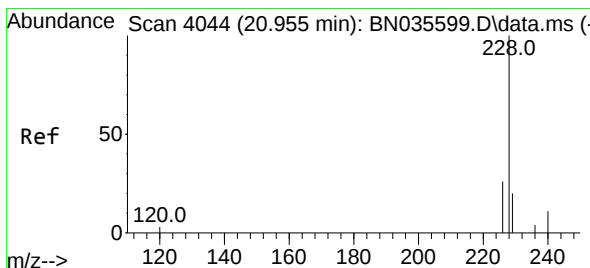
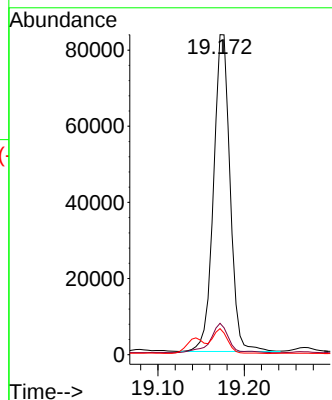
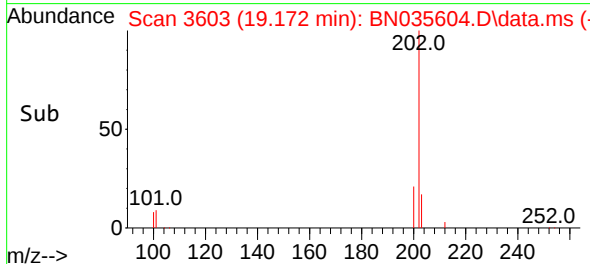
Instrument :
BNA_N
ClientSampleId :
E28R3



Tgt Ion:202 Resp: 111345
Ion Ratio Lower Upper
202 100
101 9.8 6.2 9.4
100 8.2 5.1 7.7

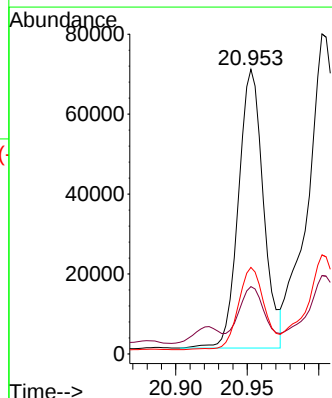
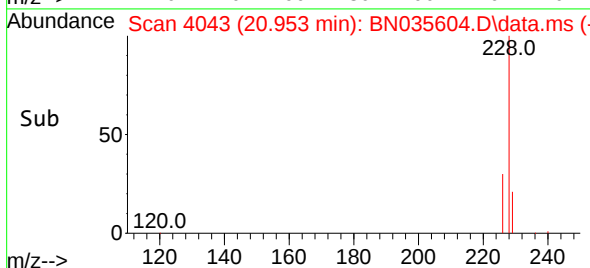
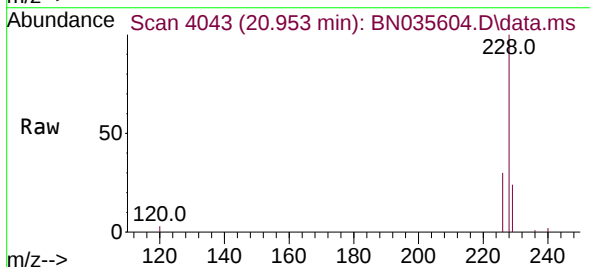
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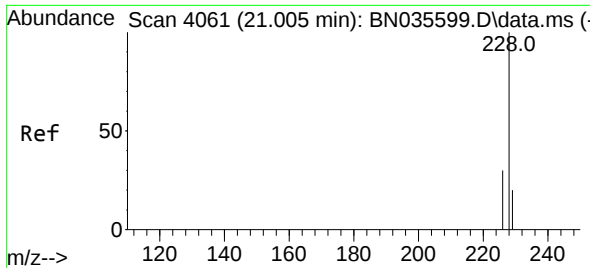
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#21
Benzo(a)anthracene
Concen: 4.735 ng/ul
RT: 20.953 min Scan# 4043
Delta R.T. 0.006 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31

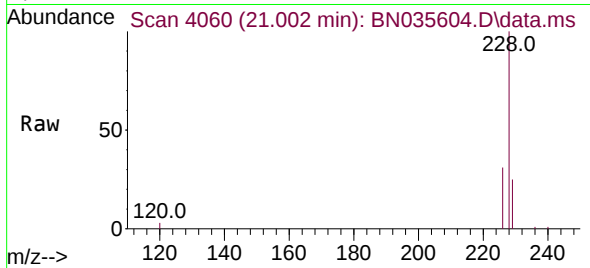
Tgt Ion:228 Resp: 84970
Ion Ratio Lower Upper
228 100
229 23.7 15.8 23.8
226 30.4 21.8 32.8





#22
Chrysene
Concen: 6.277 ng/ul m
RT: 21.002 min Scan# 4060
Delta R.T. 0.006 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31

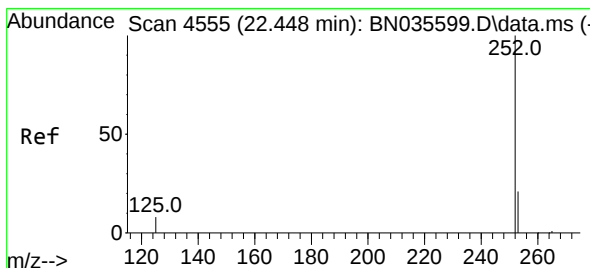
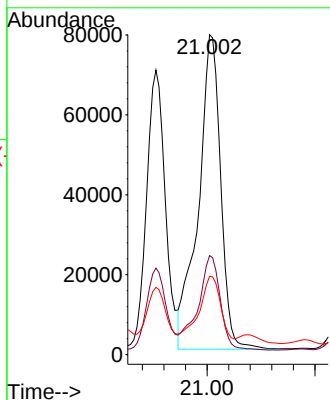
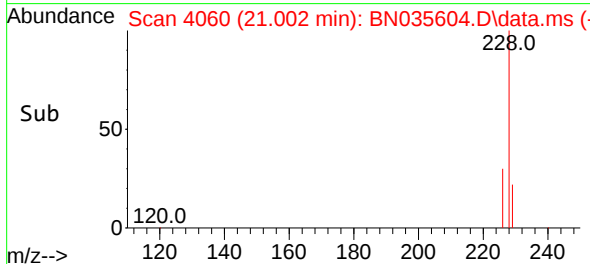
Instrument :
BNA_N
ClientSampleId :
E28R3



Tgt Ion:228 Resp: 11336
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 24.5 16.0 24.0

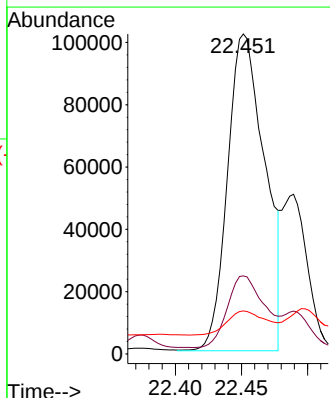
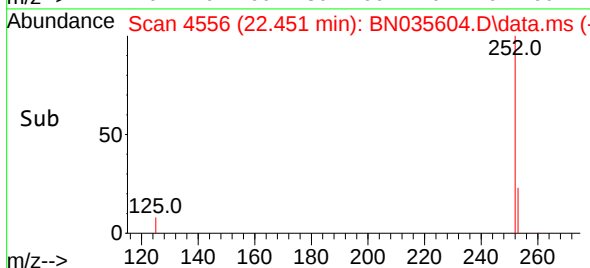
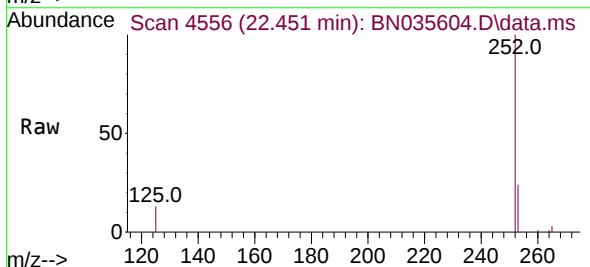
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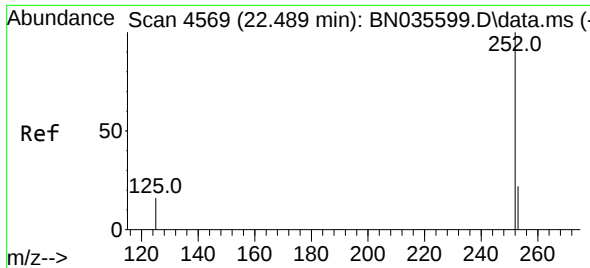
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#24
Benzo(b)fluoranthene
Concen: 10.164 ng/ul m
RT: 22.451 min Scan# 4556
Delta R.T. 0.012 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31

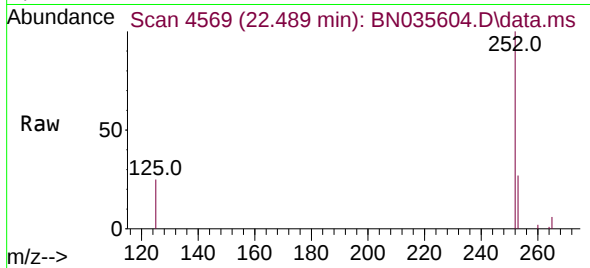
Tgt Ion:252 Resp: 199822
Ion Ratio Lower Upper
252 100
253 24.4 0.0 54.0
125 13.4 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 3.327 ng/ul m
RT: 22.489 min Scan# 4569
Delta R.T. 0.009 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31

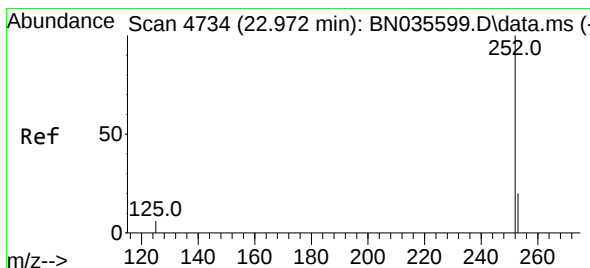
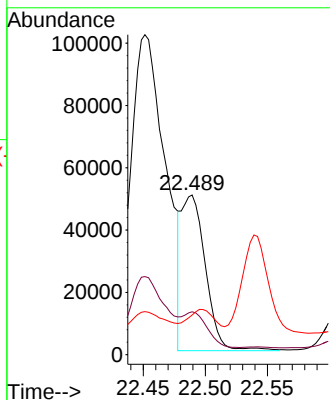
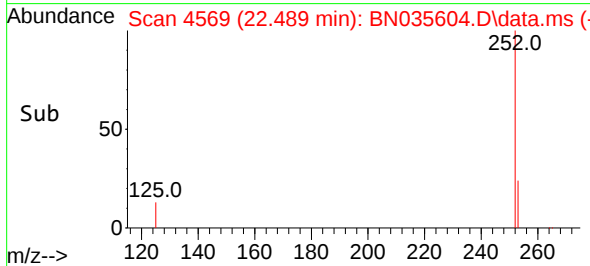
Instrument :
BNA_N
ClientSampleId :
E28R3



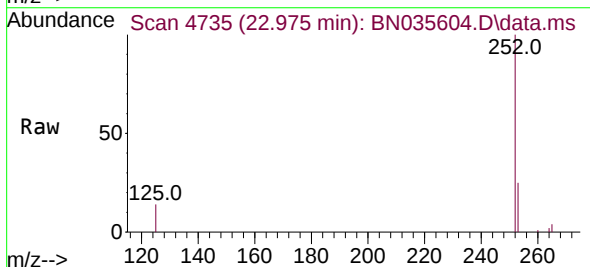
Tgt Ion:252 Resp: 67452
Ion Ratio Lower Upper
252 100
253 26.9 21.8 32.6
125 24.9 8.6 12.8

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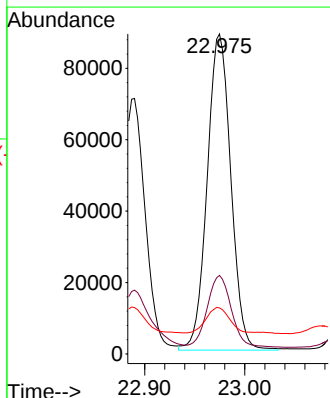
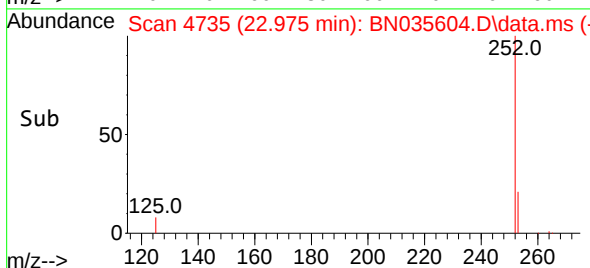
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

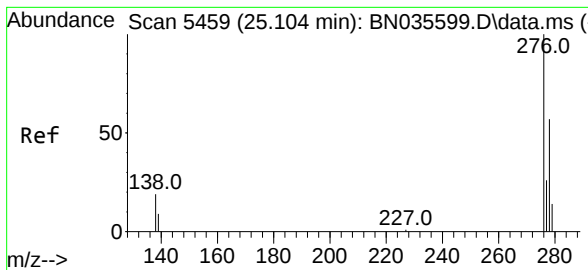


#26
Benzo(a)pyrene
Concen: 8.101 ng/ul m
RT: 22.975 min Scan# 4735
Delta R.T. 0.015 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31



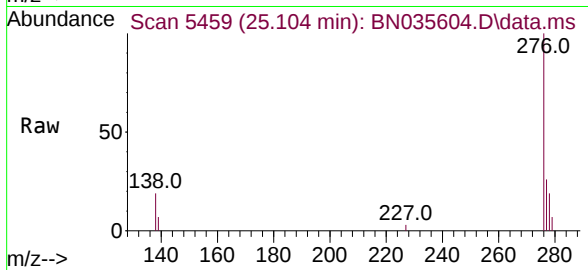
Tgt Ion:252 Resp: 145554
Ion Ratio Lower Upper
252 100
253 24.5 22.9 34.3
125 14.4 9.4 14.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.404 ng/ul m
RT: 25.104 min Scan# 5459
Delta R.T. 0.024 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31

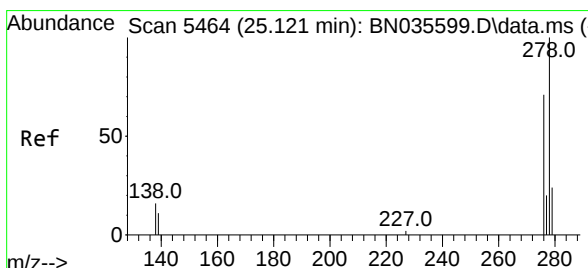
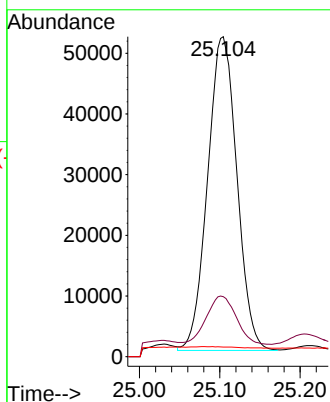
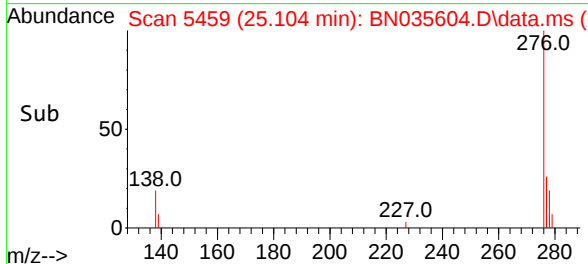
Instrument :
BNA_N
ClientSampleId :
E28R3



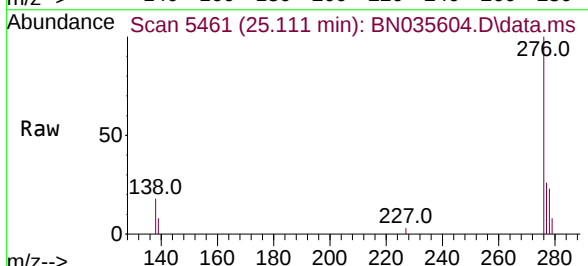
Tgt Ion:276 Resp: 131139
Ion Ratio Lower Upper
276 100
138 6.8 13.8 20.8
227 0.0 0.2 0.4

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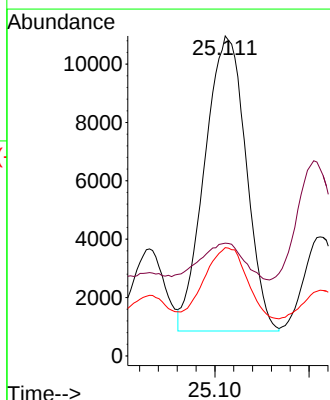
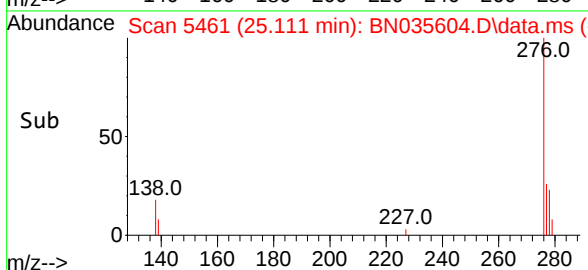
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

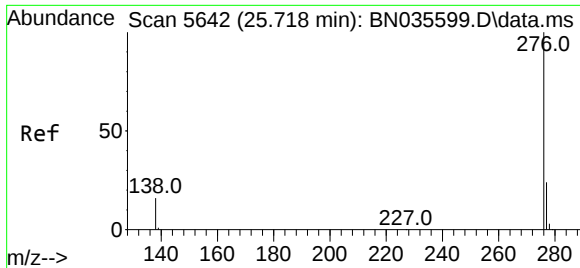


#28
Dibenzo(a,h)anthracene
Concen: 1.616 ng/ul m
RT: 25.111 min Scan# 5461
Delta R.T. 0.010 min
Lab File: BN035604.D
Acq: 13 Dec 2024 19:31



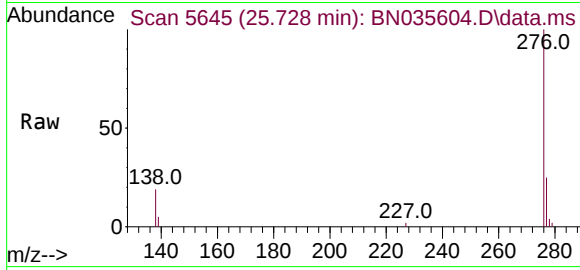
Tgt Ion:278 Resp: 30739
Ion Ratio Lower Upper
278 100
139 35.3 10.7 16.1
279 33.8 22.8 34.2





#29
 Benzo(g,h,i)perylene
 Concen: 7.760 ng/ul m
 RT: 25.728 min Scan# 50
 Delta R.T. 0.037 min
 Lab File: BN035604.D
 Acq: 13 Dec 2024 19:31

Instrument :
 BNA_N
 ClientSampleId :
 E28R3



Tgt Ion: 276 Resp: 14848

Ion	Ratio	Lower	Upper
276	100		
138	18.8	13.0	19.6
277	25.0	20.5	30.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

