

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035603.D
 Acq On : 13 Dec 2024 18:55
 Operator : RC/JU
 Sample : P5153-17DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q4DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 21:06:33 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	1745	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	6205	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.953	164	4100	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.721	188	8120	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.970	240	6035	0.400	ng/ul	# 0.00
23) Perylene-d12	23.068	264	5789	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	1435	0.900	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	500	0.055	ng/ul	0.00
18) Fluoranthene-d10	18.777	212	1233	0.074	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.086	128	5803	0.371	ng/ul	97
7) 2-Methylnaphthalene	11.714	142	8602	0.793	ng/ul	98
8) 1-Methylnaphthalene	11.945	142	2719	0.248	ng/ul	94
10) Acenaphthylene	13.667	152	1844	0.113	ng/ul#	61
11) Acenaphthene	14.018	153	336	0.027	ng/ul#	80
12) Fluorene	15.017	166	1290	0.088	ng/ul#	84
14) Pentachlorophenol	16.384	266	127	0.067	ng/ul#	60
15) Phenanthrene	16.764	178	18024	0.840	ng/ul#	92
16) Anthracene	16.852	178	8620	0.433	ng/ul#	80
19) Fluoranthene	18.805	202	17094	0.814	ng/ul#	91
20) Pyrene	19.172	202	18286	0.836	ng/ul#	90
21) Benzo(a)anthracene	20.955	228	9929	0.474	ng/ul#	58
22) Chrysene	21.008	228	15702	0.745	ng/ul#	68
24) Benzo(b)fluoranthene	22.454	252	18867m	0.986	ng/ul	
25) Benzo(k)fluoranthene	22.492	252	6116m	0.310	ng/ul	
26) Benzo(a)pyrene	22.978	252	8895	0.509	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.111	276	9018m	0.382	ng/ul	
28) Dibenzo(a,h)anthracene	25.121	278	2820m	0.152	ng/ul	
29) Benzo(g,h,i)perylene	25.732	276	11858	0.637	ng/ul#	41

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

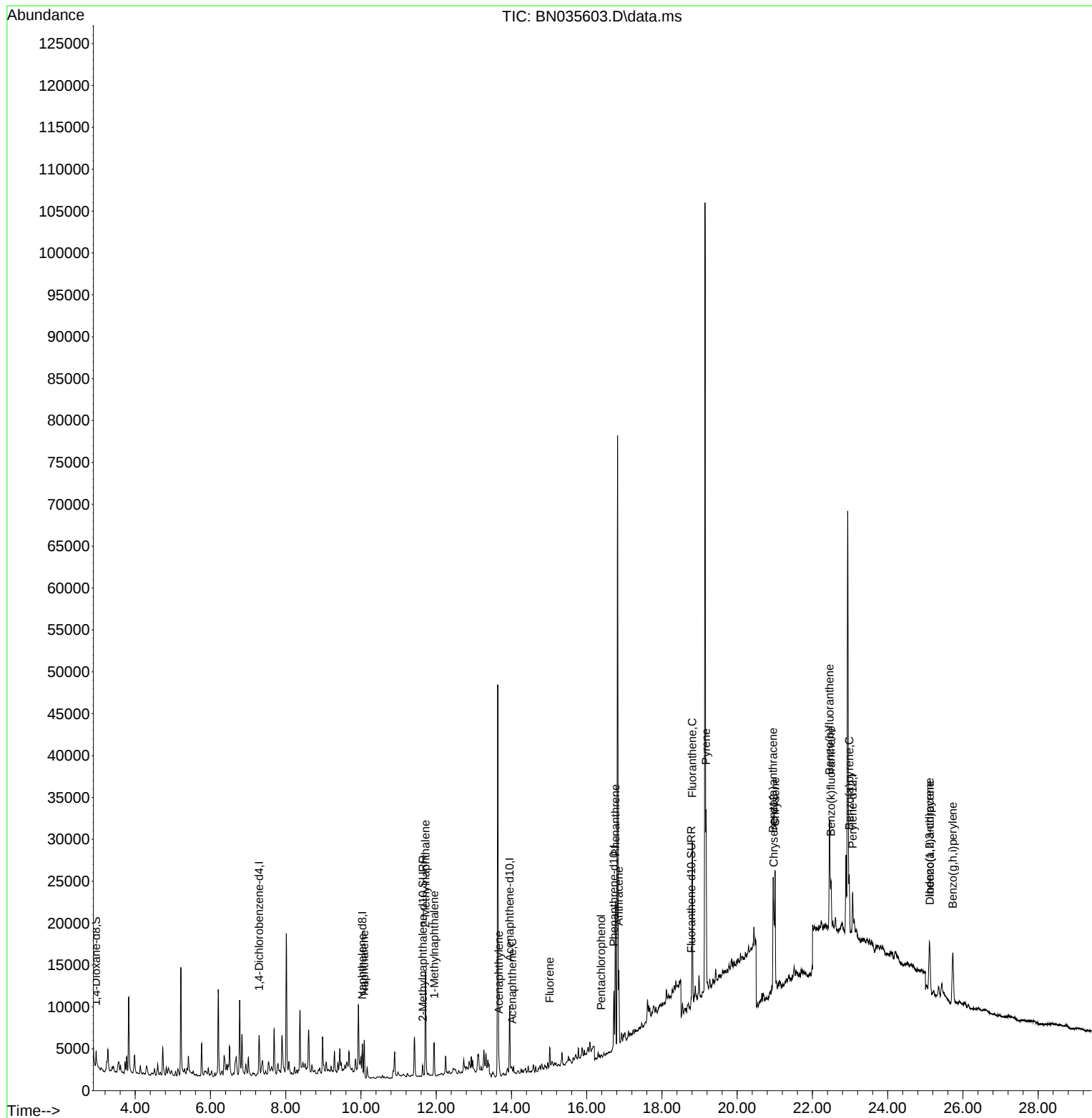
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035603.D
Acq On : 13 Dec 2024 18:55
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ALS Vial : 15 Sample Multiplier: 1

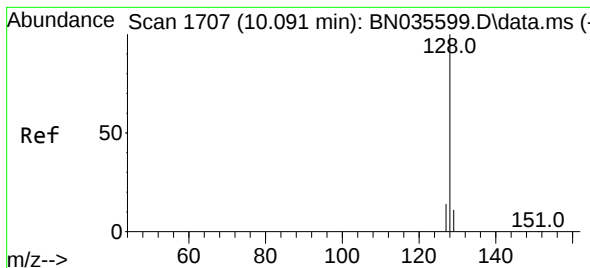
Instrument :
BNA_N
ClientSampleId :
E28Q4DL

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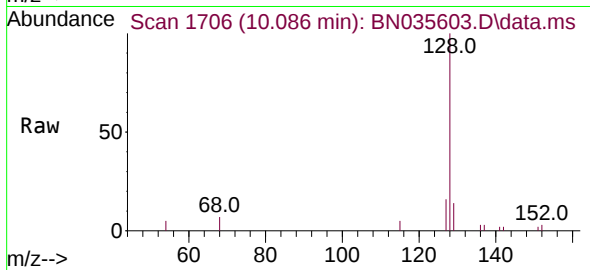
Quant Time: Dec 13 21:06:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.371 ng/ul
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN035603.D
Acq: 13 Dec 2024 18:55

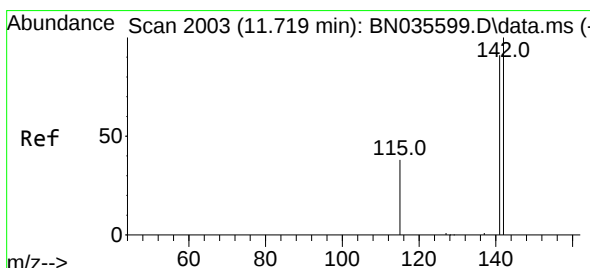
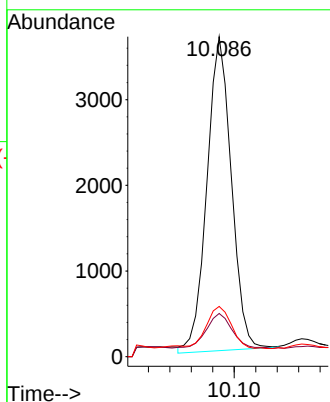
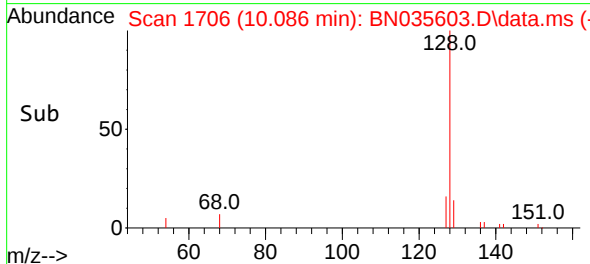
Instrument :
BNA_N
ClientSampleId :
E28Q4DL



Tgt Ion:128 Resp: 580
Ion Ratio Lower Upper
128 100
129 13.5 9.9 14.9
127 15.7 11.4 17.2

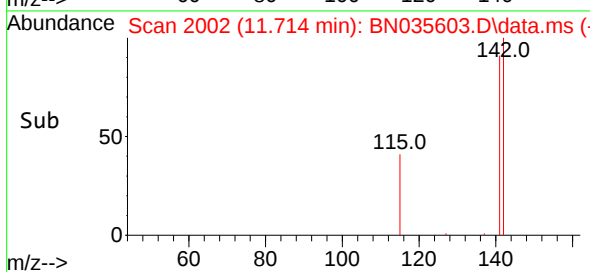
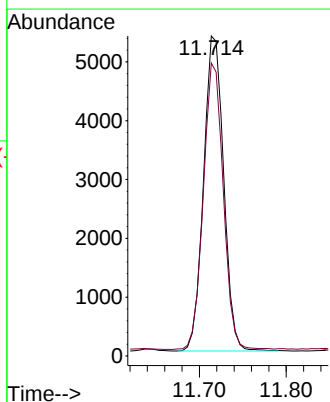
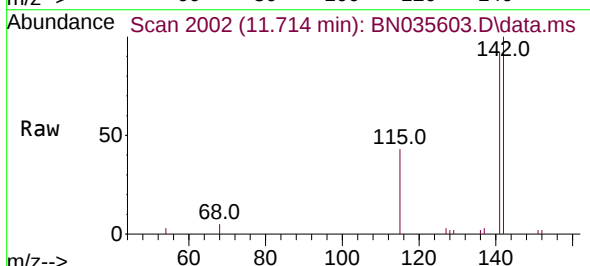
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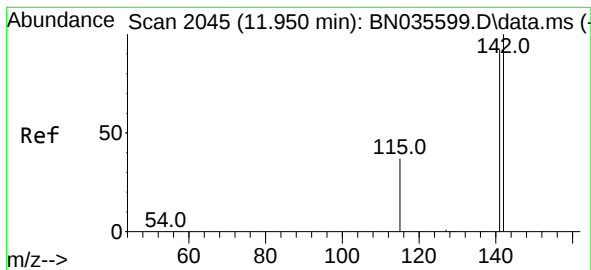
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#7
2-Methylnaphthalene
Concen: 0.793 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035603.D
Acq: 13 Dec 2024 18:55

Tgt Ion:142 Resp: 8602
Ion Ratio Lower Upper
142 100
141 90.2 70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.248 ng/ul

RT: 11.945 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BN035603.D

Acq: 13 Dec 2024 18:55

Instrument :

BNA_N

ClientSampleId :

E28Q4DL

Tgt Ion:142 Resp: 2719

Ion Ratio Lower Upper

142 100

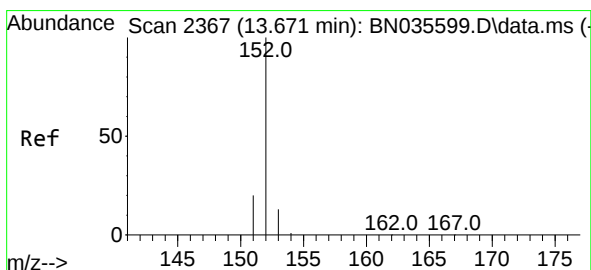
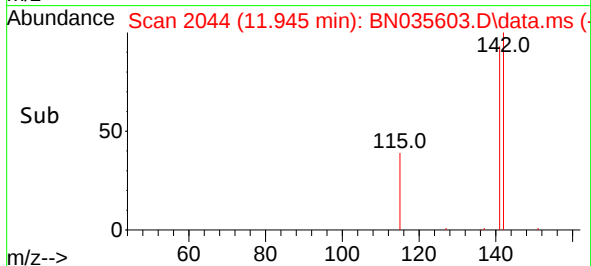
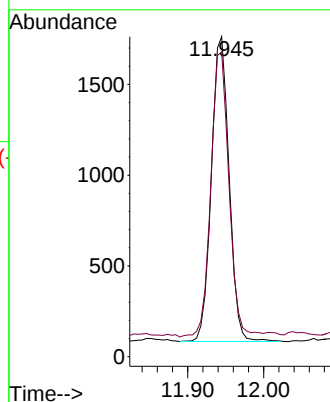
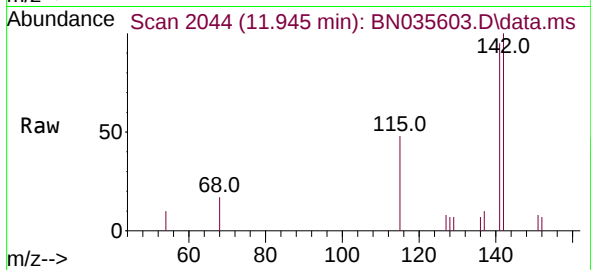
141 97.2 73.1 109.7

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#10

Acenaphthylene

Concen: 0.113 ng/ul

RT: 13.667 min Scan# 2366

Delta R.T. 0.005 min

Lab File: BN035603.D

Acq: 13 Dec 2024 18:55

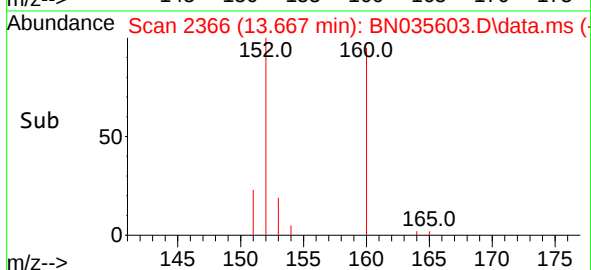
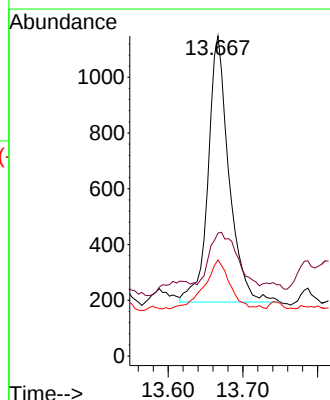
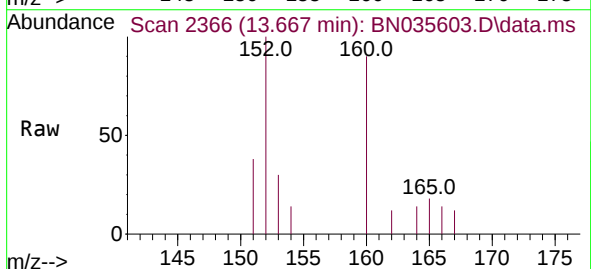
Tgt Ion:152 Resp: 1844

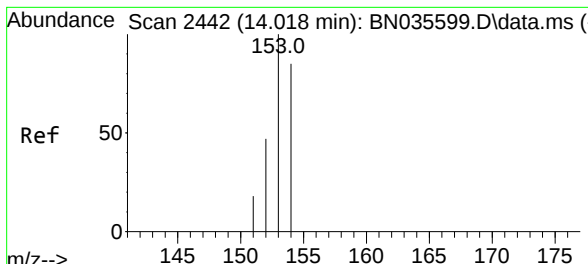
Ion Ratio Lower Upper

152 100

151 38.4 16.4 24.6#

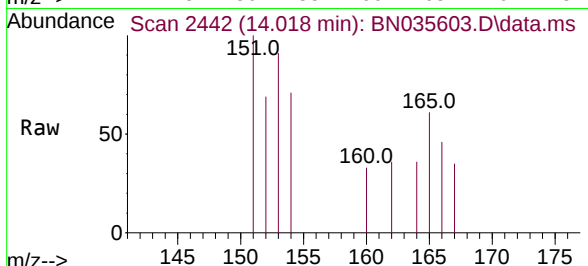
153 30.1 11.1 16.7#





#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.018 min Scan# 2442
Delta R.T. 0.005 min
Lab File: BN035603.D
Acq: 13 Dec 2024 18:55

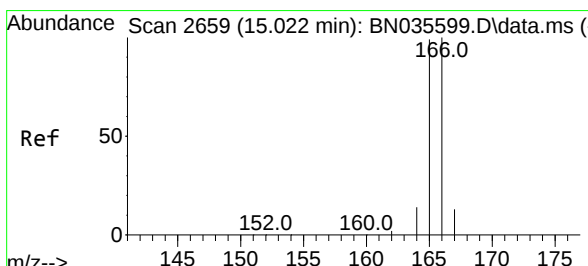
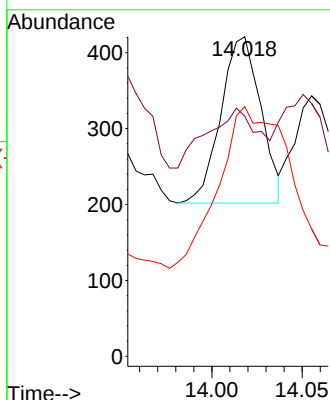
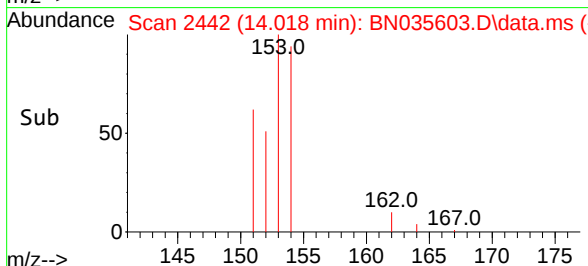
Instrument :
BNA_N
ClientSampleId :
E28Q4DL



Tgt Ion:153 Resp: 330
Ion Ratio Lower Upper
153 100
152 75.1 41.4 62.0
154 78.1 71.2 106.8

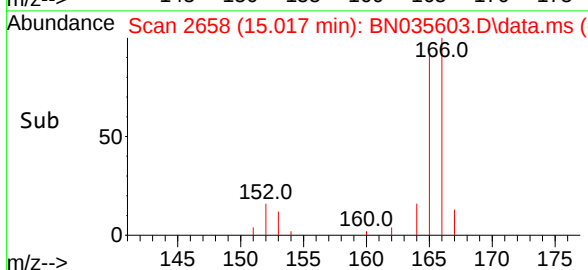
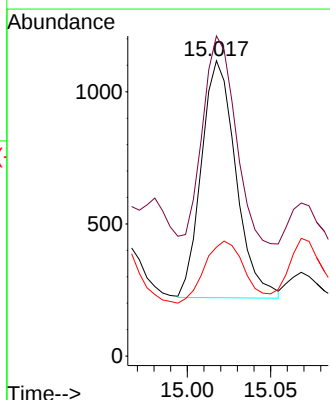
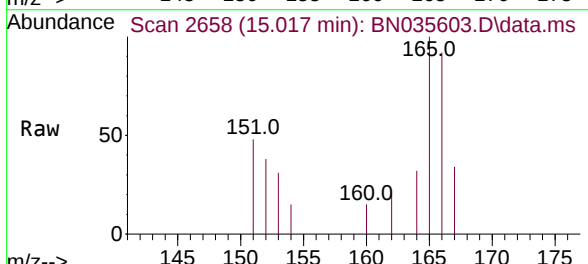
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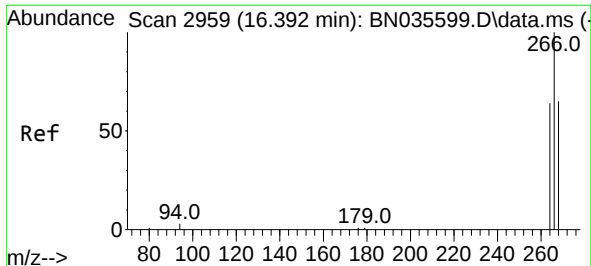
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#12
Fluorene
Concen: 0.088 ng/ul
RT: 15.017 min Scan# 2658
Delta R.T. 0.000 min
Lab File: BN035603.D
Acq: 13 Dec 2024 18:55

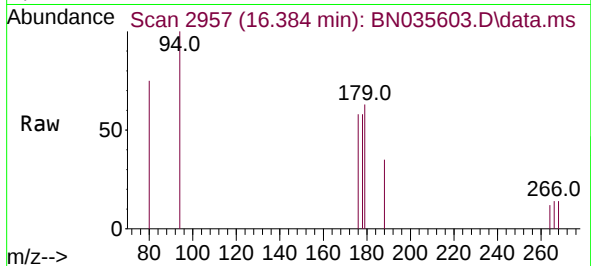
Tgt Ion:166 Resp: 1290
Ion Ratio Lower Upper
166 100
165 108.4 78.6 118.0
167 36.9 11.8 17.6#





#14
Pentachlorophenol
Concen: 0.067 ng/ul
RT: 16.384 min Scan# 2957
Delta R.T. 0.004 min
Lab File: BN035603.D
Acq: 13 Dec 2024 18:55

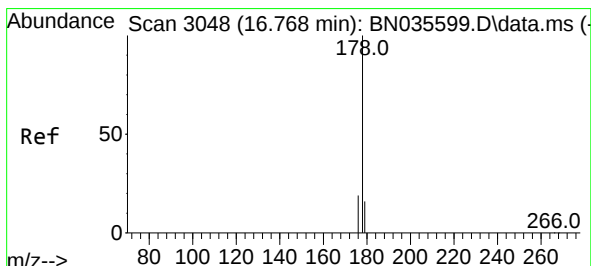
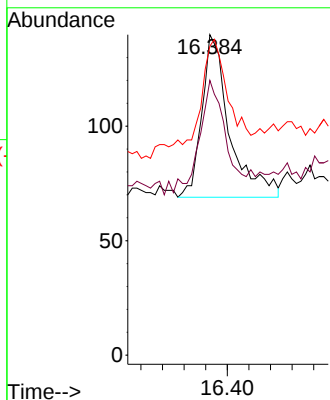
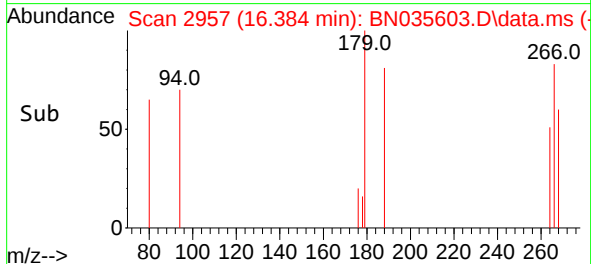
Instrument :
BNA_N
ClientSampleId :
E28Q4DL



Tgt Ion:266 Resp: 127
Ion Ratio Lower Upper
266 100
264 81.9 51.8 77.6
268 110.2 51.3 76.9

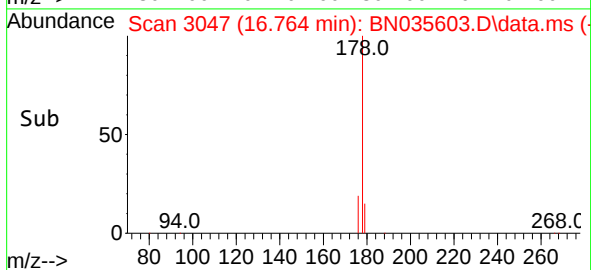
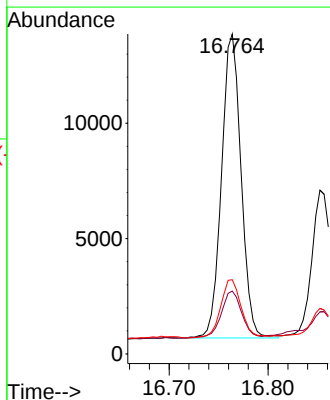
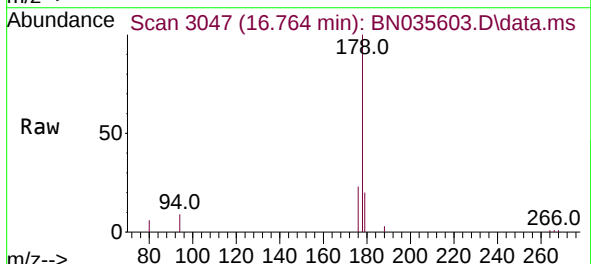
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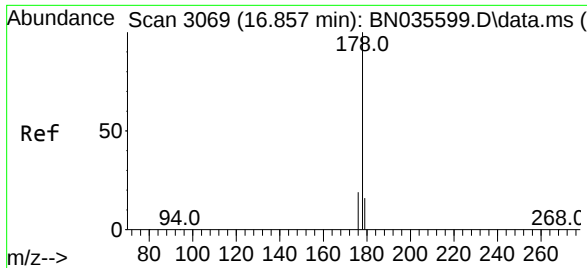
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#15
Phenanthrene
Concen: 0.840 ng/ul
RT: 16.764 min Scan# 3047
Delta R.T. 0.004 min
Lab File: BN035603.D
Acq: 13 Dec 2024 18:55

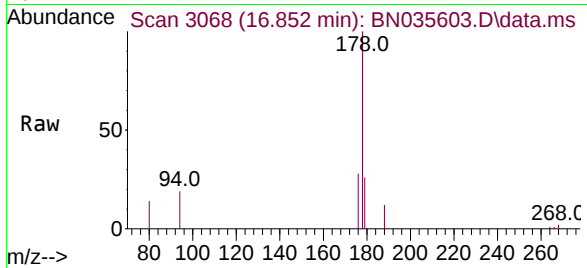
Tgt Ion:178 Resp: 18024
Ion Ratio Lower Upper
178 100
179 19.7 12.9 19.3
176 23.2 15.6 23.4





#16
 Anthracene
 Concen: 0.433 ng/ul
 RT: 16.852 min Scan# 3069
 Delta R.T. 0.004 min
 Lab File: BN035603.D
 Acq: 13 Dec 2024 18:55

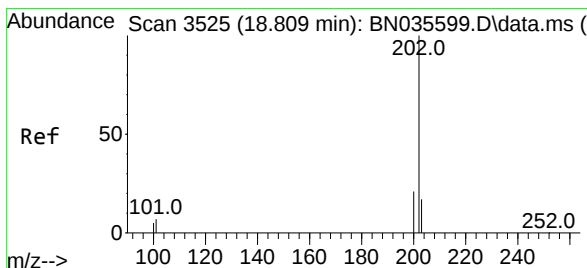
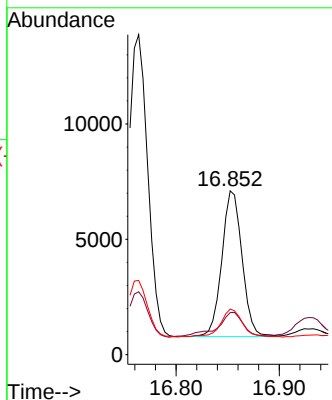
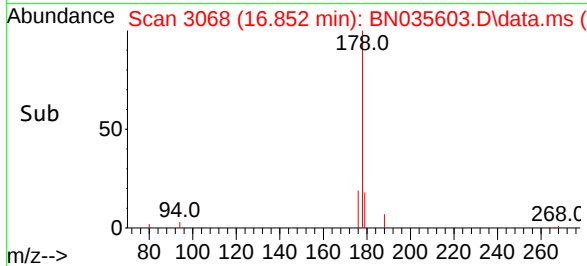
Instrument :
 BNA_N
 ClientSampleId :
 E28Q4DL



Tgt Ion:178 Resp: 8620
 Ion Ratio Lower Upper
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 179 25.7 12.9 19.3#
 176 27.8 15.4 23.2#

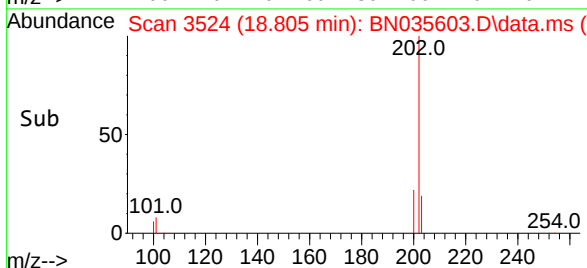
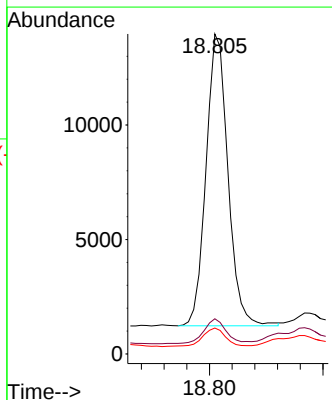
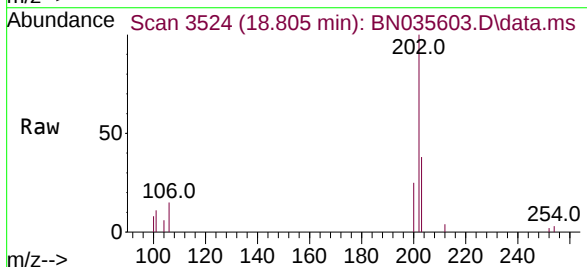
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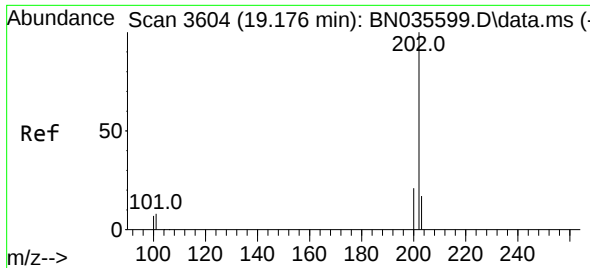
Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



#19
 Fluoranthene
 Concen: 0.814 ng/ul
 RT: 18.805 min Scan# 3524
 Delta R.T. 0.005 min
 Lab File: BN035603.D
 Acq: 13 Dec 2024 18:55

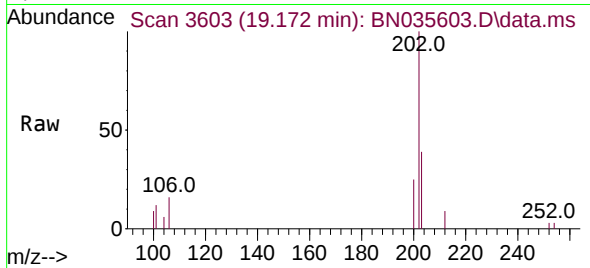
Tgt Ion:202 Resp: 17094
 Ion Ratio Lower Upper
 202 100
 101 11.0 5.8 8.6#
 100 8.1 4.5 6.7#





#20
Pyrene
Concen: 0.836 ng/ul
RT: 19.172 min Scan# 3603
Delta R.T. 0.005 min
Lab File: BN035603.D
Acq: 13 Dec 2024 18:55

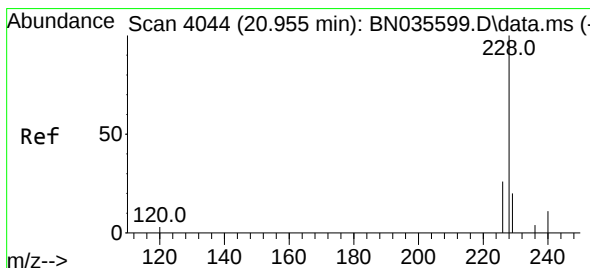
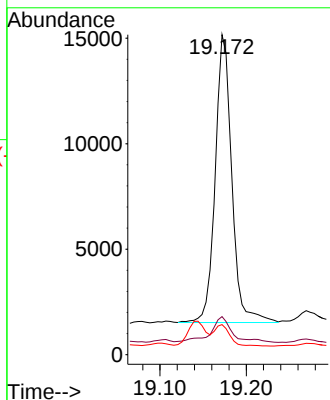
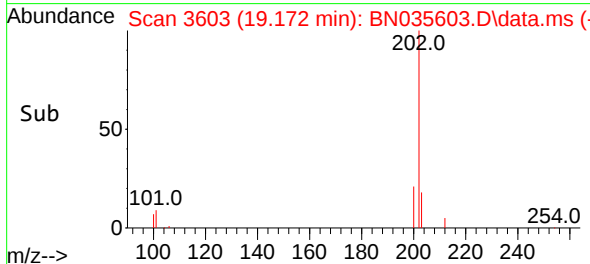
Instrument :
BNA_N
ClientSampleId :
E28Q4DL



Tgt Ion:202 Resp: 18280
Ion Ratio Lower Upper
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101 11.9 6.2 9.4#
100 9.4 5.1 7.7#

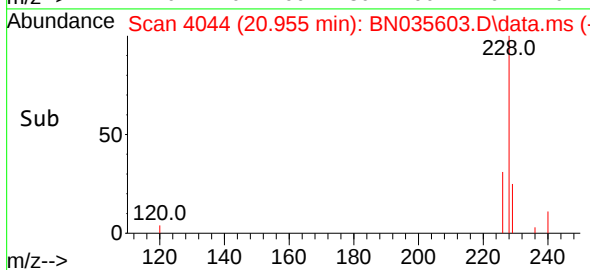
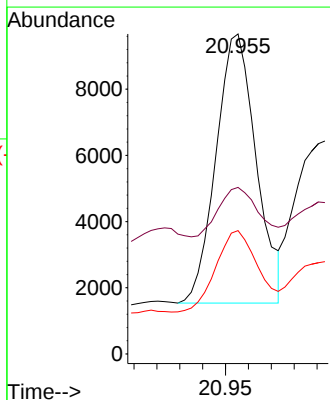
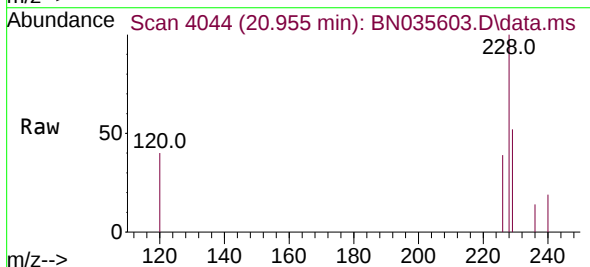
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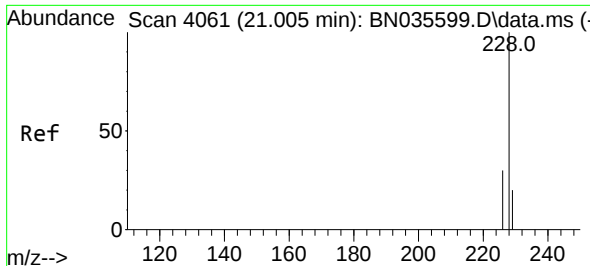
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#21
Benzo(a)anthracene
Concen: 0.474 ng/ul
RT: 20.955 min Scan# 4044
Delta R.T. 0.009 min
Lab File: BN035603.D
Acq: 13 Dec 2024 18:55

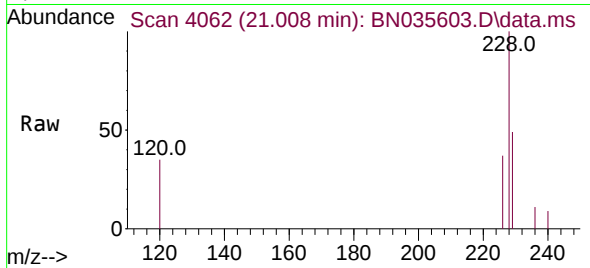
Tgt Ion:228 Resp: 9929
Ion Ratio Lower Upper
228 100
229 52.1 15.8 23.8#
226 38.5 21.8 32.8#





#22
Chrysene
Concen: 0.745 ng/ul
RT: 21.008 min Scan# 4062
Delta R.T. 0.012 min
Lab File: BN035603.D
Acq: 13 Dec 2024 18:55

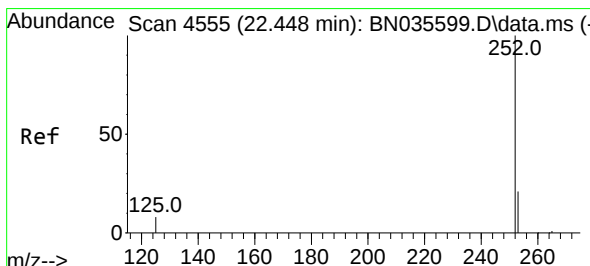
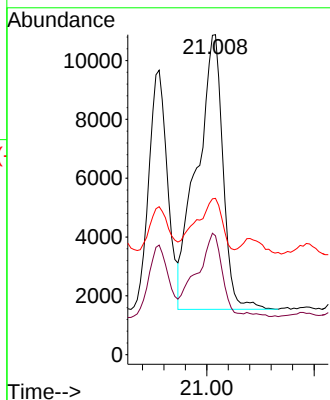
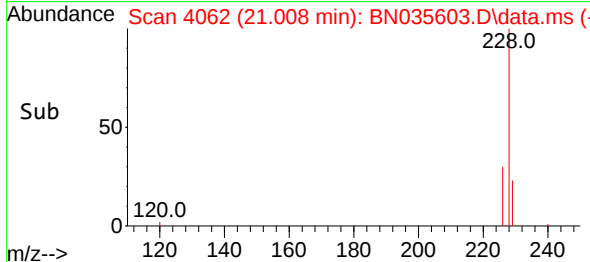
Instrument :
BNA_N
ClientSampleId :
E28Q4DL



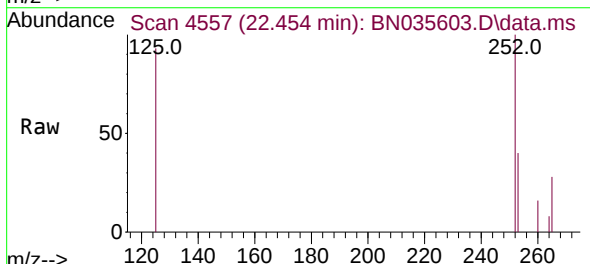
Tgt Ion:228 Resp: 15702
Ion Ratio Lower Upper
228 100
226 37.2 24.7 37.1
229 48.9 16.0 24.0

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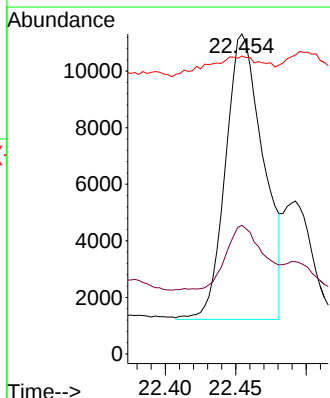
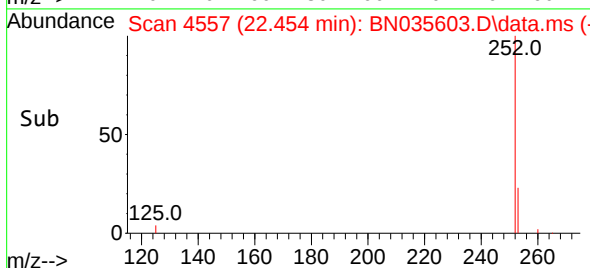
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

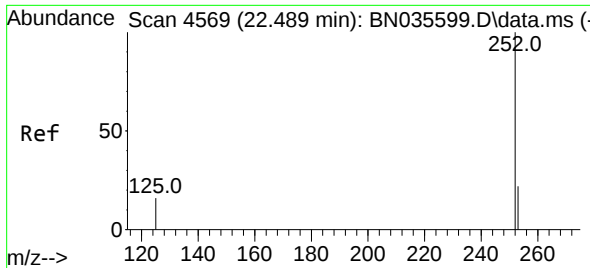


#24
Benzo(b)fluoranthene
Concen: 0.986 ng/ul m
RT: 22.454 min Scan# 4557
Delta R.T. 0.015 min
Lab File: BN035603.D
Acq: 13 Dec 2024 18:55



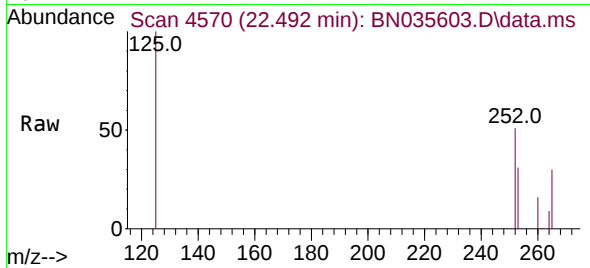
Tgt Ion:252 Resp: 18867
Ion Ratio Lower Upper
252 100
253 40.2 0.0 54.0
125 93.1 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul m
RT: 22.492 min Scan# 4570
Delta R.T. 0.012 min
Lab File: BN035603.D
Acq: 13 Dec 2024 18:55

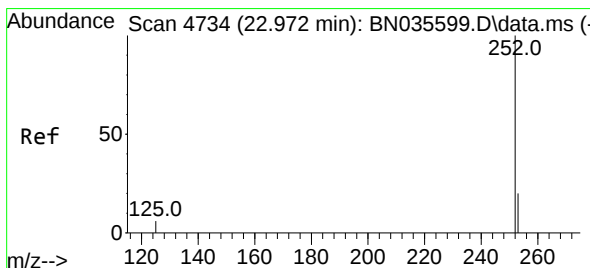
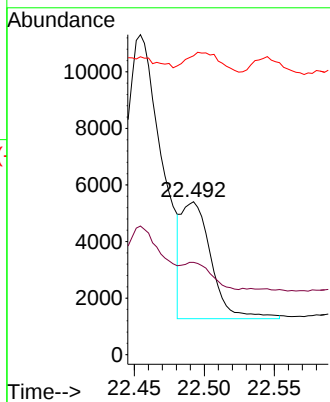
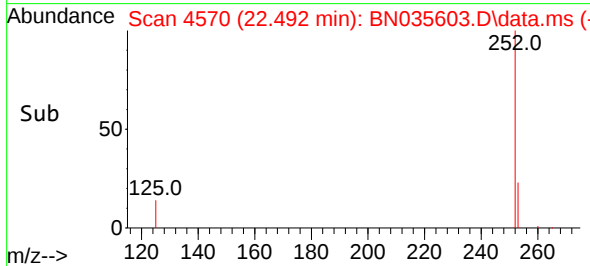
Instrument :
BNA_N
ClientSampleId :
E28Q4DL



Tgt Ion:252 Resp: 6110
Ion Ratio Lower Upper
252 100
253 60.3 21.8 32.6
125 195.4 8.6 12.8

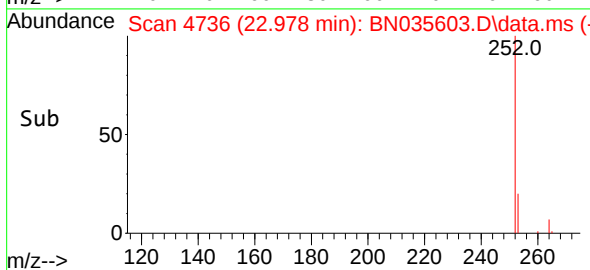
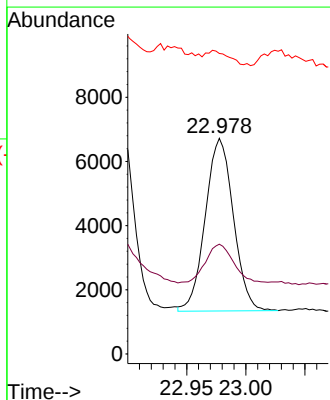
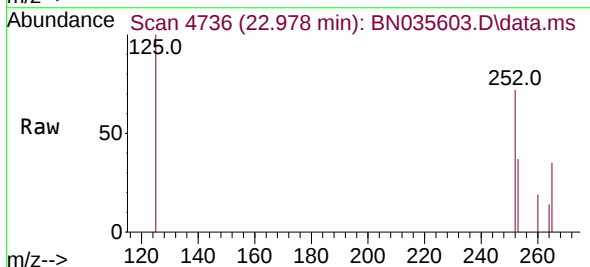
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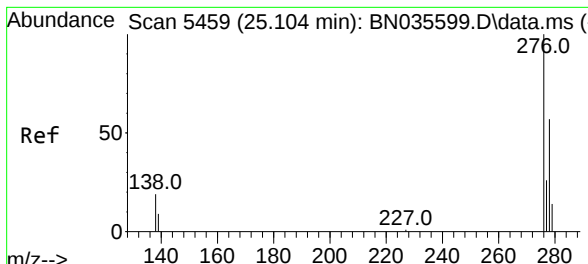
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#26
Benzo(a)pyrene
Concen: 0.509 ng/ul
RT: 22.978 min Scan# 4736
Delta R.T. 0.018 min
Lab File: BN035603.D
Acq: 13 Dec 2024 18:55

Tgt Ion:252 Resp: 8895
Ion Ratio Lower Upper
252 100
253 50.9 22.9 34.3#
125 139.3 9.4 14.2#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.382 ng/ul m
 RT: 25.111 min Scan# 5459
 Delta R.T. 0.030 min
 Lab File: BN035603.D
 Acq: 13 Dec 2024 18:55

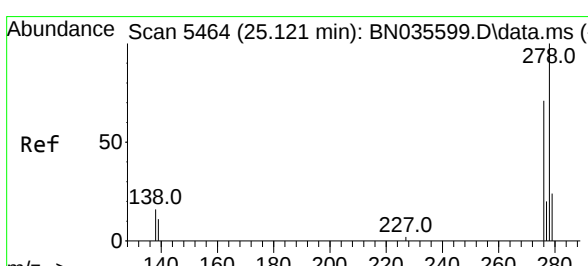
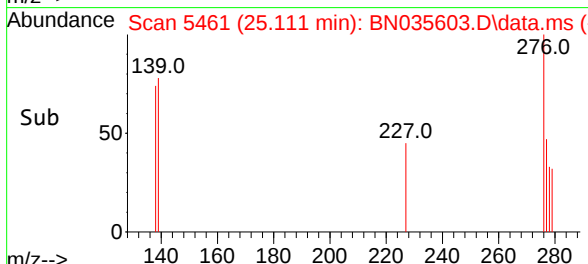
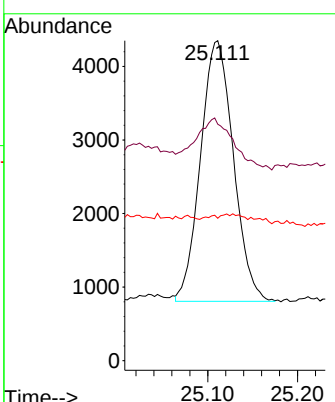
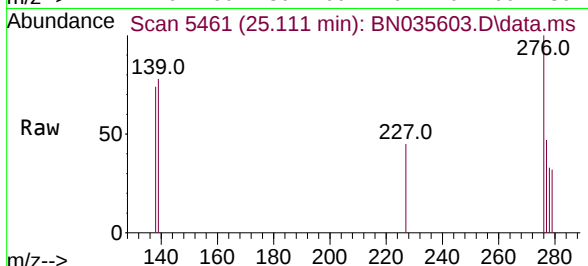
Instrument :
 BNA_N
 ClientSampleId :
 E28Q4DL

Tgt Ion: 276 Resp: 9018

Ion	Ratio	Lower	Upper
276	100		
138	529.5	13.8	20.8
227	0.0	0.2	0.4

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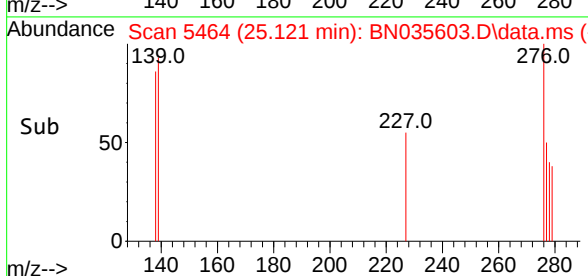
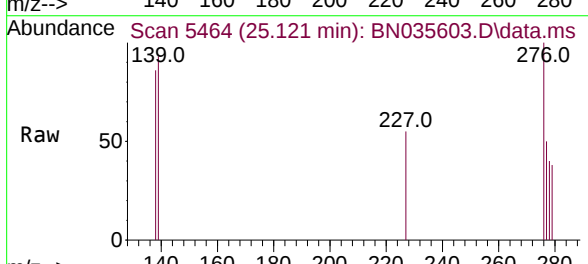
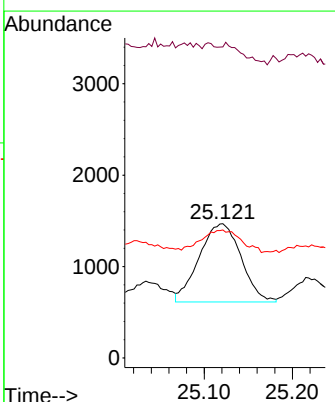
Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

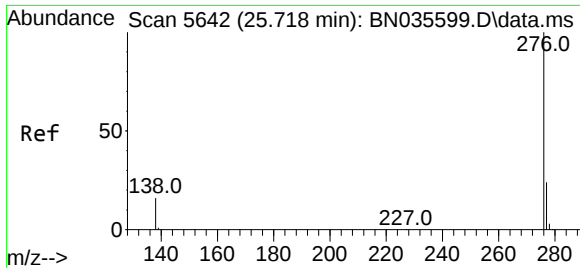


#28
 Dibenzo(a,h)anthracene
 Concen: 0.152 ng/ul m
 RT: 25.121 min Scan# 5464
 Delta R.T. 0.020 min
 Lab File: BN035603.D
 Acq: 13 Dec 2024 18:55

Tgt Ion: 278 Resp: 2820

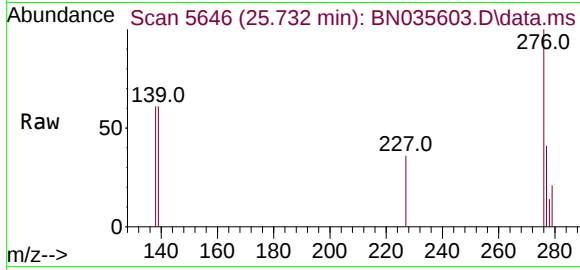
Ion	Ratio	Lower	Upper
278	100		
139	231.7	10.7	16.1
279	95.3	22.8	34.2





#29
 Benzo(g,h,i)perylene
 Concen: 0.637 ng/ul
 RT: 25.732 min Scan# 50
 Delta R.T. 0.040 min
 Lab File: BN035603.D
 Acq: 13 Dec 2024 18:55

Instrument :
 BNA_N
 ClientSampleId :
 E28Q4DL



Tgt Ion: 276 Resp: 1185

Ion	Ratio	Lower	Upper
276	100		
138	61.1	13.0	19.6
277	41.0	20.5	30.7

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

