

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035635.D
 Acq On : 17 Dec 2024 02:36
 Operator : RC/JU
 Sample : P5232-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 17 03:13:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2465	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7264	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5168	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	11457m	0.400	ng/ul	0.00
17) Chrysene-d12	20.959	240	9361	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	10067m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	8824	4.038	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	3203	0.310	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	7364	0.269	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	4692	0.263	ng/ul	98
7) 2-Methylnaphthalene	11.708	142	3728	0.311	ng/ul	98
8) 1-Methylnaphthalene	11.934	142	2796	0.225	ng/ul	100
10) Acenaphthylene	13.657	152	7398	0.369	ng/ul	99
11) Acenaphthene	14.009	153	776	0.051	ng/ul#	89
12) Fluorene	15.013	166	1184	0.067	ng/ul#	91
14) Pentachlorophenol	16.375	266	82	0.028	ng/ul#	90
15) Phenanthrene	16.755	178	31633	1.103	ng/ul	99
16) Anthracene	16.848	178	8889	0.332	ng/ul	98
19) Fluoranthene	18.796	202	104716	3.128	ng/ul	99
20) Pyrene	19.167	202	83270	2.258	ng/ul	97
21) Benzo(a)anthracene	20.944	228	34404	1.108	ng/ul	94
22) Chrysene	20.994	228	51213	1.590	ng/ul	98
24) Benzo(b)fluoranthene	22.434	252	69136m	2.330	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	22708m	0.692	ng/ul	
26) Benzo(a)pyrene	22.954	252	37903m	1.319	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.071	276	30899m	0.883	ng/ul	
28) Dibenzo(a,h)anthracene	25.081	278	7116m	0.266	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	31663m	1.128	ng/ul	

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

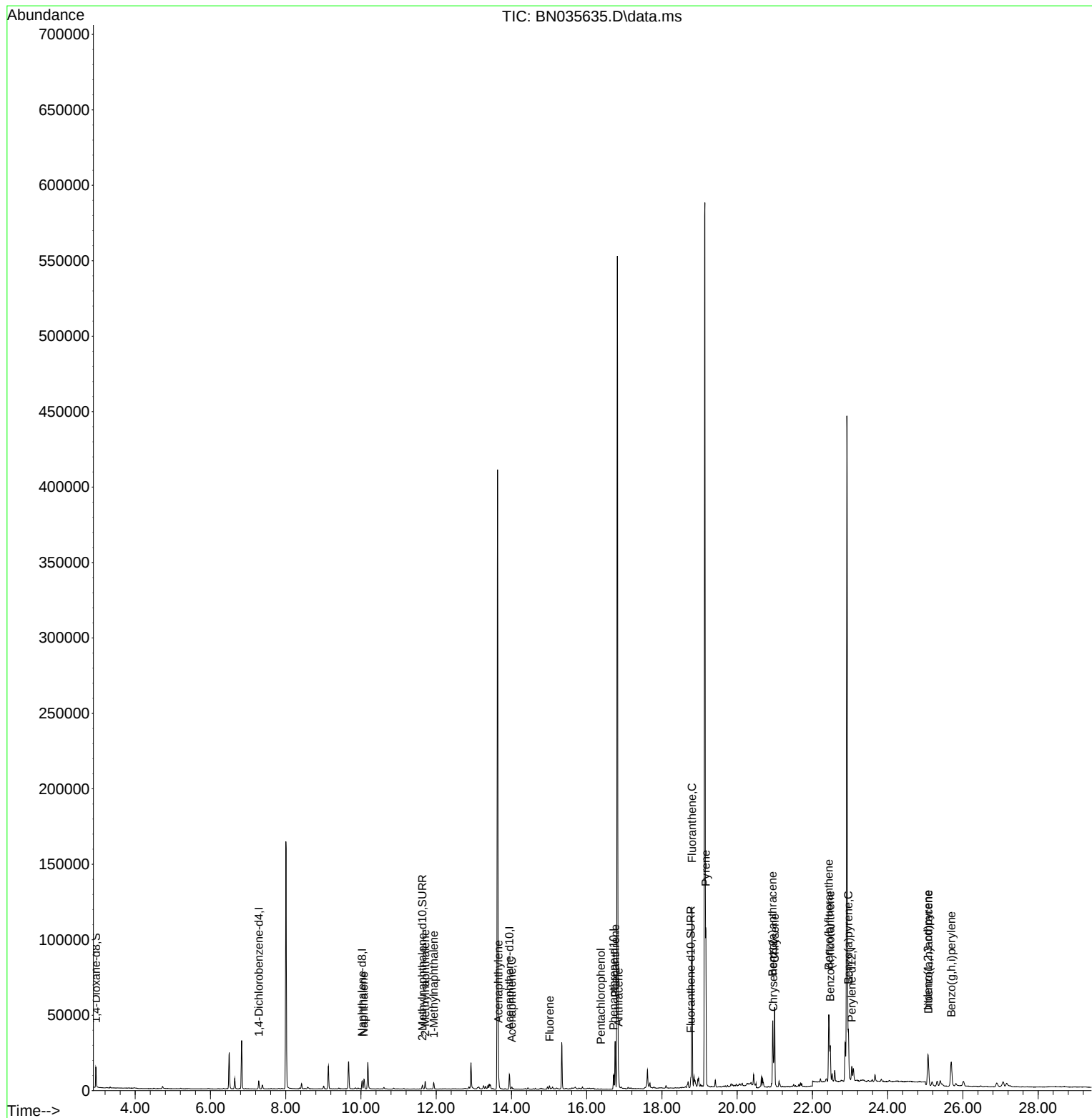
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035635.D
Acq On : 17 Dec 2024 02:36
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ALS Vial : 25 Sample Multiplier: 1

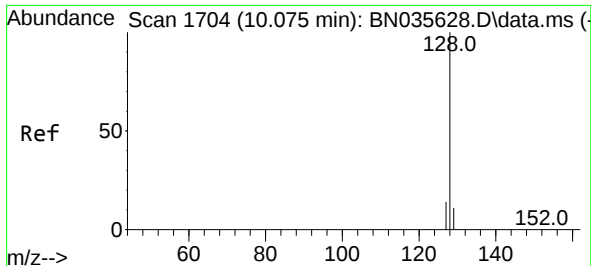
Instrument :
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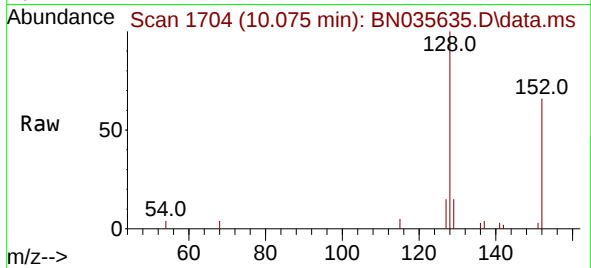
Quant Time: Dec 17 03:13:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.263 ng/ul
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

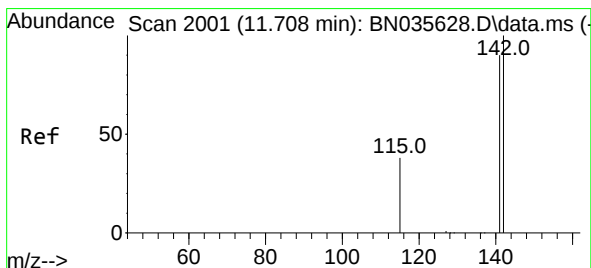
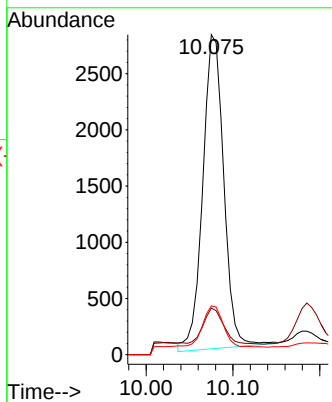
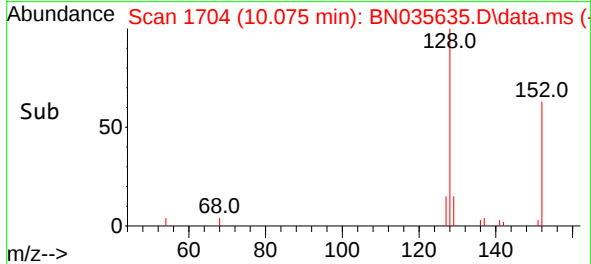
Instrument :
BNA_N
ClientSampleId :
E28S7



Tgt Ion:128 Resp: 4692
Ion Ratio Lower Upper
128 100
129 14.5 10.8 16.2
127 15.3 12.0 18.0

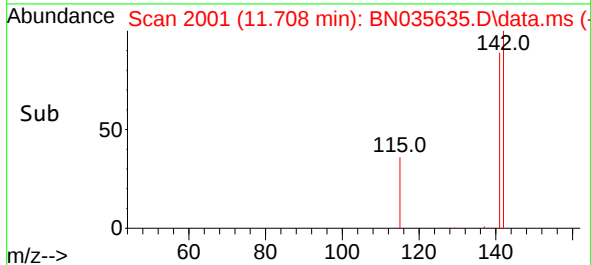
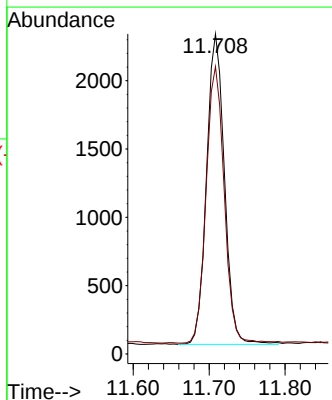
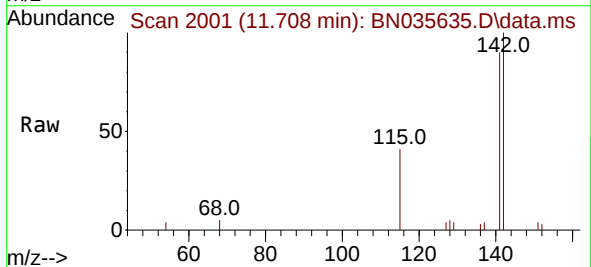
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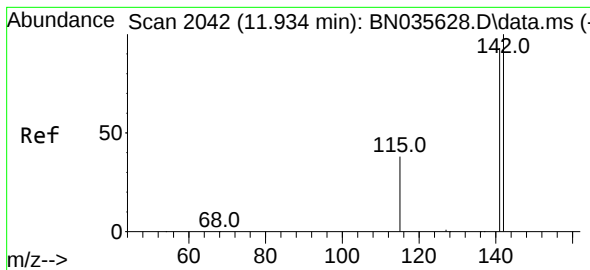
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

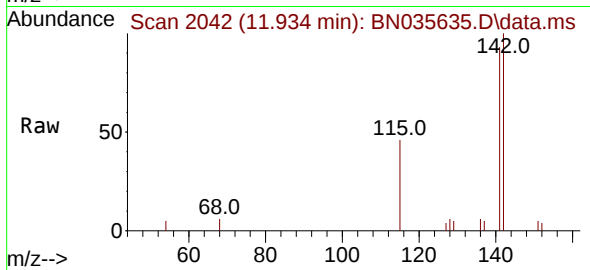
Tgt Ion:142 Resp: 3728
Ion Ratio Lower Upper
142 100
141 89.6 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.225 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

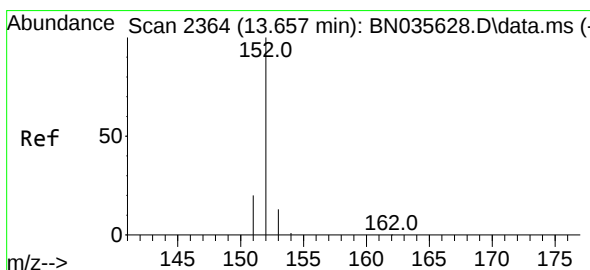
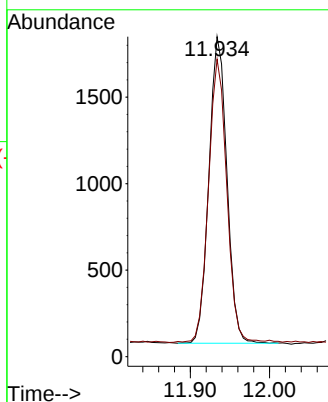
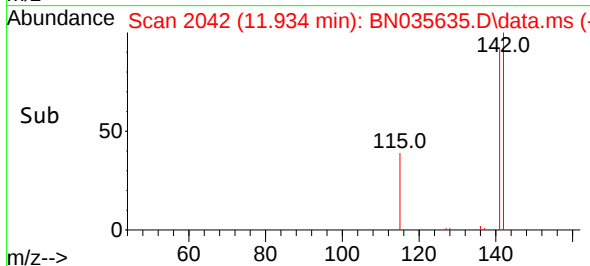
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 2790
Ion Ratio Lower Upper
142 100
141 93.8 74.7 112.1

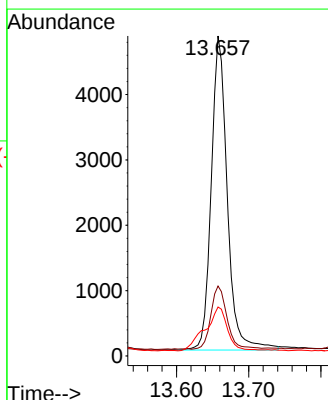
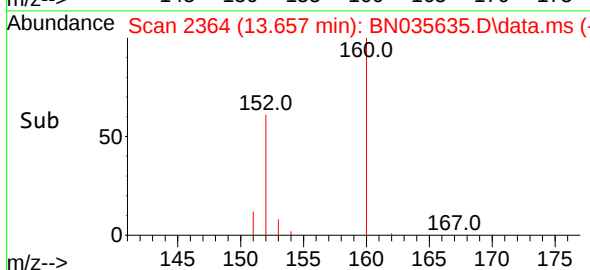
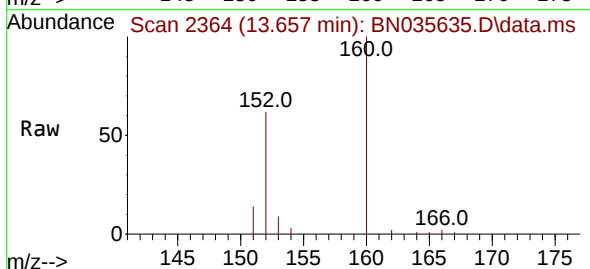
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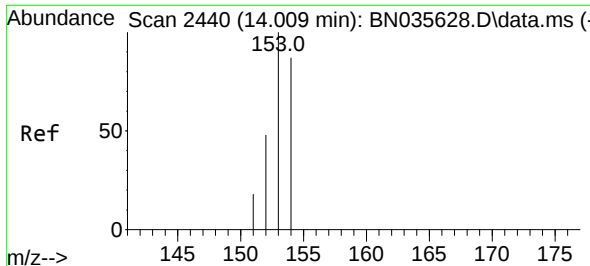
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.004 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

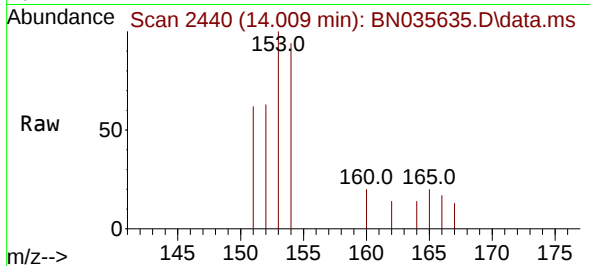
Tgt Ion:152 Resp: 7398
Ion Ratio Lower Upper
152 100
151 21.9 17.6 26.4
153 15.3 11.4 17.2





#11
Acenaphthene
Concen: 0.051 ng/u1
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

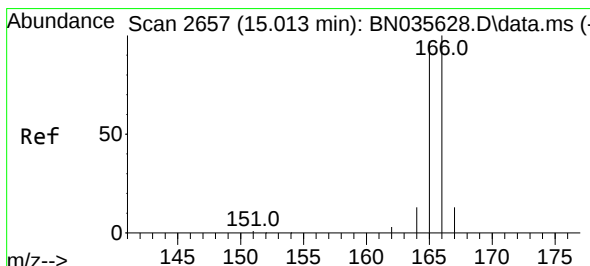
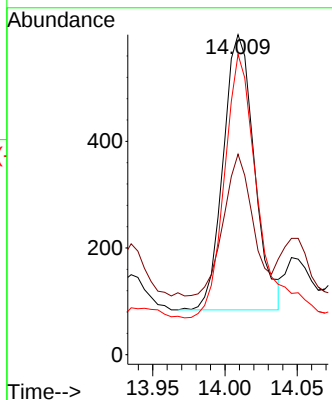
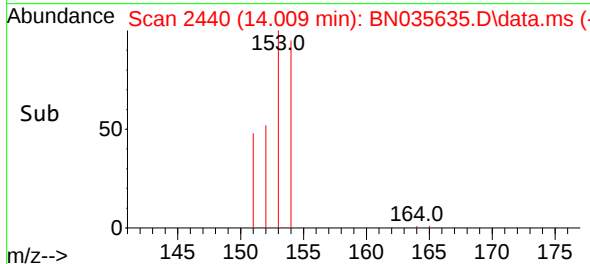
Instrument :
BNA_N
ClientSampleId :
E28S7



Tgt Ion:153 Resp: 770
Ion Ratio Lower Upper
153 100
152 62.7 39.8 59.6
154 93.8 69.8 104.8

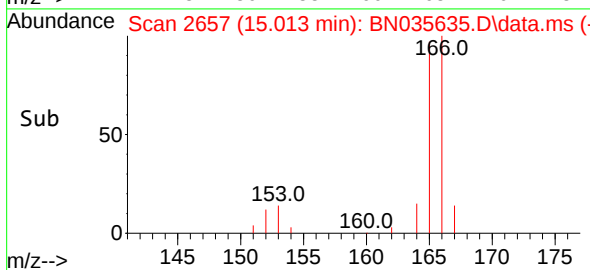
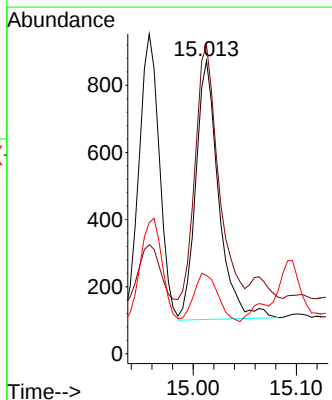
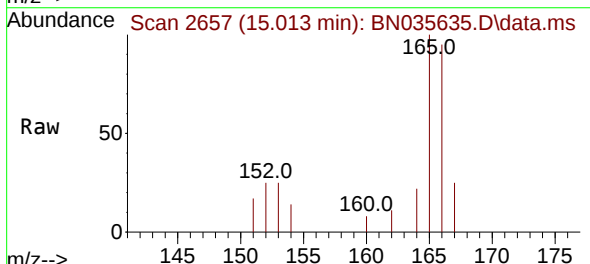
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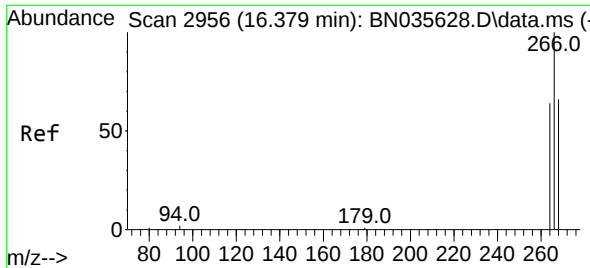
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#12
Fluorene
Concen: 0.067 ng/u1
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

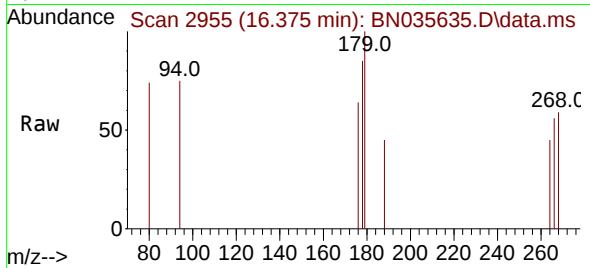
Tgt Ion:166 Resp: 1184
Ion Ratio Lower Upper
166 100
165 105.3 79.5 119.3
167 26.7 11.8 17.8#





#14
 Pentachlorophenol
 Concen: 0.028 ng/ul
 RT: 16.375 min Scan# 2956
 Delta R.T. -0.004 min
 Lab File: BN035635.D
 Acq: 17 Dec 2024 02:36

Instrument :
 BNA_N
 ClientSampleId :
 E28S7

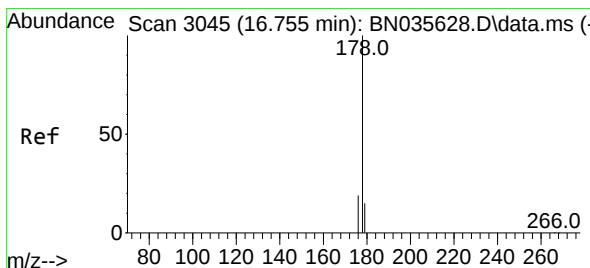
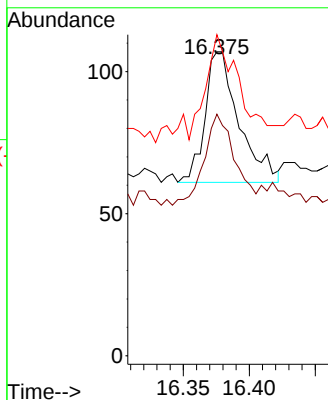
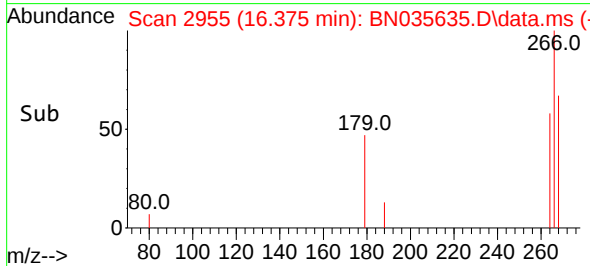


Tgt Ion:266 Resp: 82

Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.9	74.9
268	80.5	52.8	79.2

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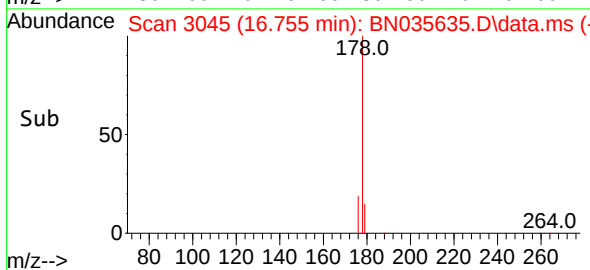
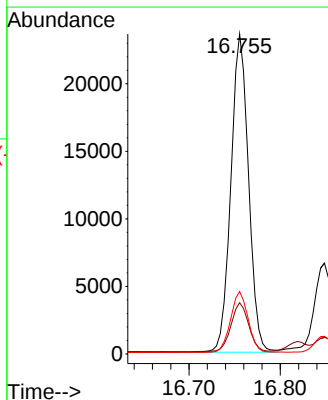
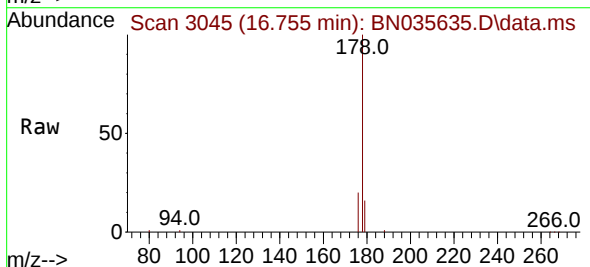
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 Supervised By :mohammad ahmed 12/21/2024

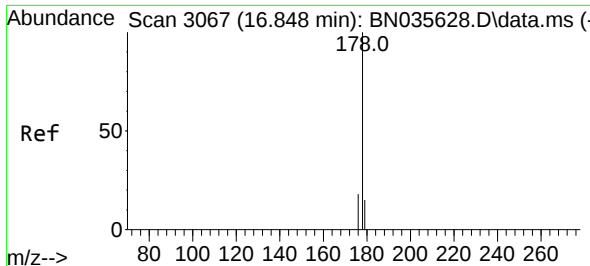


#15
 Phenanthrene
 Concen: 1.103 ng/ul
 RT: 16.755 min Scan# 3045
 Delta R.T. -0.004 min
 Lab File: BN035635.D
 Acq: 17 Dec 2024 02:36

Tgt Ion:178 Resp: 31633

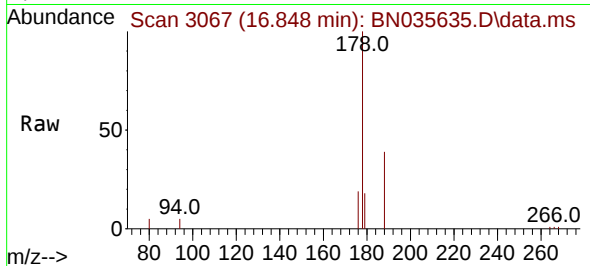
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.3	19.9
176	19.5	15.8	23.8





#16
 Anthracene
 Concen: 0.332 ng/ul
 RT: 16.848 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BN035635.D
 Acq: 17 Dec 2024 02:36

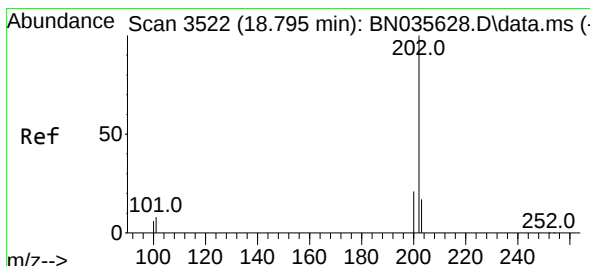
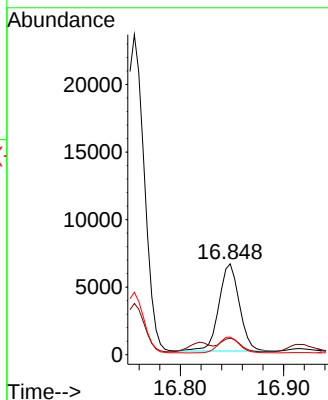
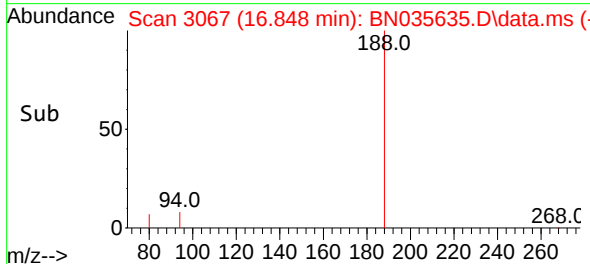
Instrument :
 BNA_N
 ClientSampleId :
 E28S7



Tgt Ion:178 Resp: 8889
 Ion Ratio Lower Upper
 178 100
 179 18.2 13.4 20.0
 176 19.4 15.4 23.0

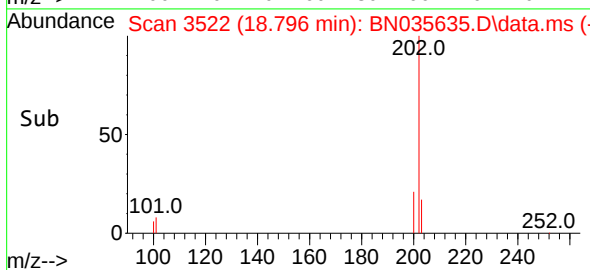
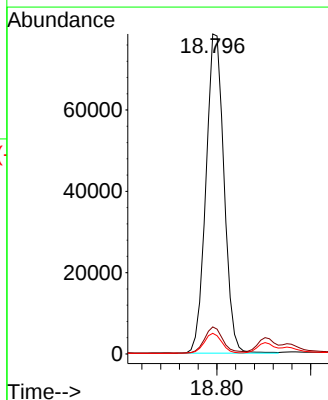
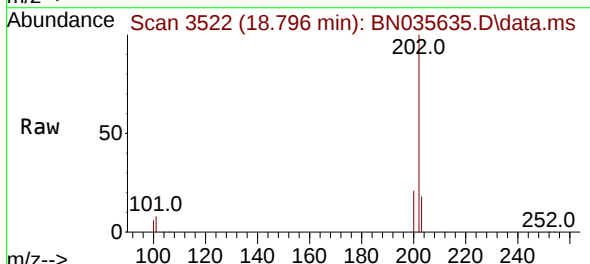
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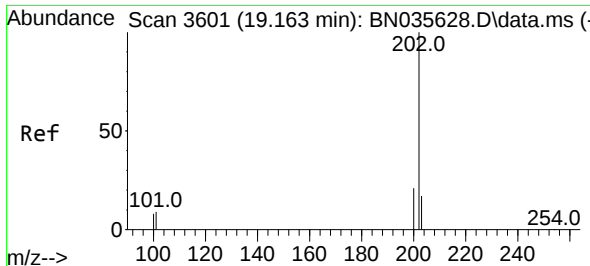
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024



#19
 Fluoranthene
 Concen: 3.128 ng/ul
 RT: 18.796 min Scan# 3522
 Delta R.T. -0.004 min
 Lab File: BN035635.D
 Acq: 17 Dec 2024 02:36

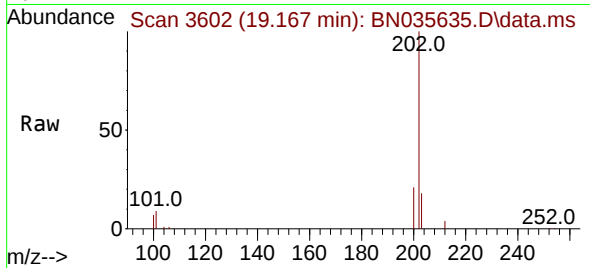
Tgt Ion:202 Resp: 104716
 Ion Ratio Lower Upper
 202 100
 101 8.5 7.3 10.9
 100 6.4 5.4 8.0





#20
Pyrene
Concen: 2.258 ng/ul
RT: 19.167 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

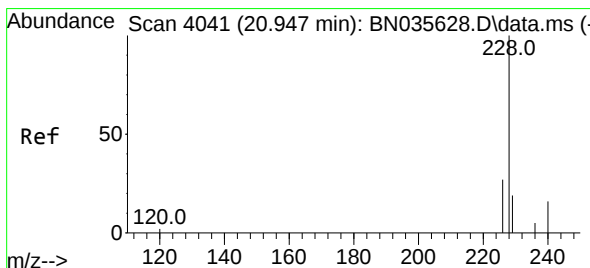
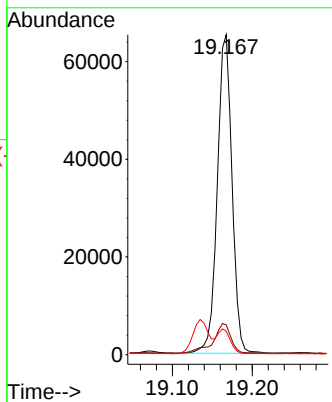
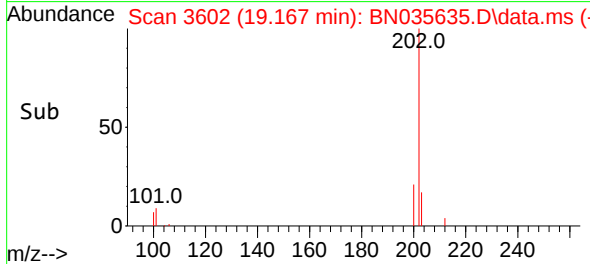
Instrument :
BNA_N
ClientSampleId :
E28S7



Tgt Ion:202 Resp: 83270
Ion Ratio Lower Upper
202 100
101 9.3 8.5 12.7
100 7.3 6.5 9.7

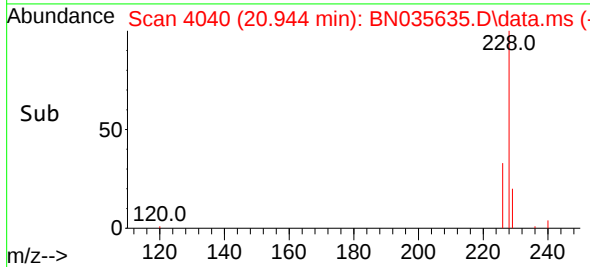
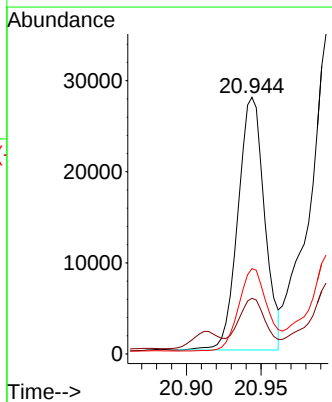
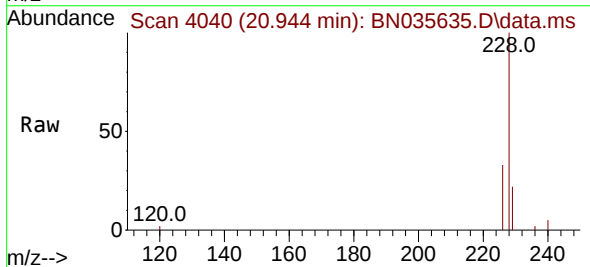
Manual Integrations
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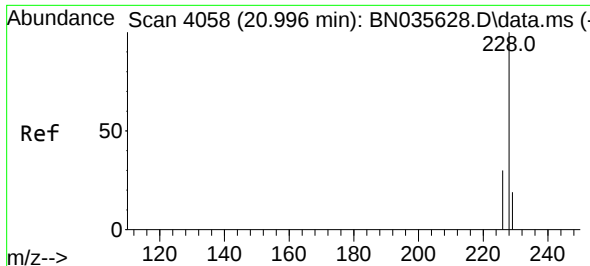
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#21
Benzo(a)anthracene
Concen: 1.108 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.006 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

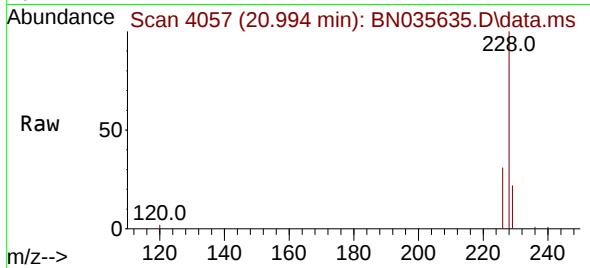
Tgt Ion:228 Resp: 34404
Ion Ratio Lower Upper
228 100
229 21.7 16.6 25.0
226 33.2 22.5 33.7





#22
Chrysene
Concen: 1.590 ng/ul
RT: 20.994 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

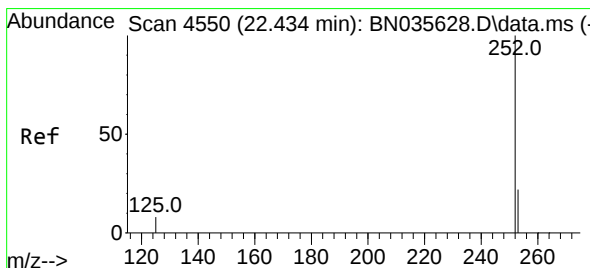
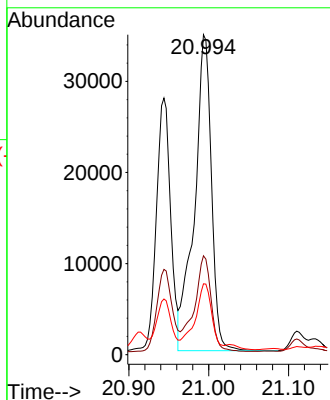
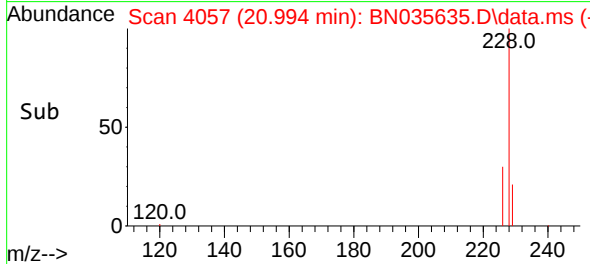
Instrument :
BNA_N
ClientSampleId :
E28S7



Tgt Ion:228 Resp: 5121
Ion Ratio Lower Upper
228 100
226 30.9 25.1 37.7
229 22.2 16.6 24.8

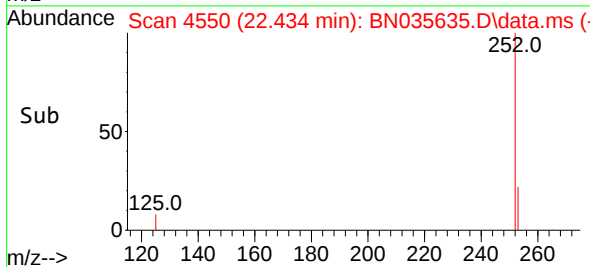
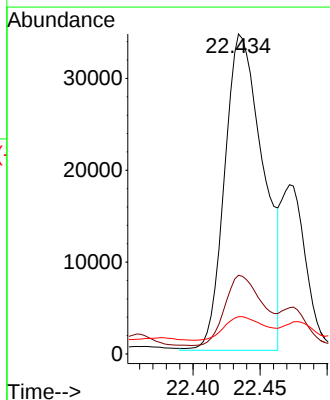
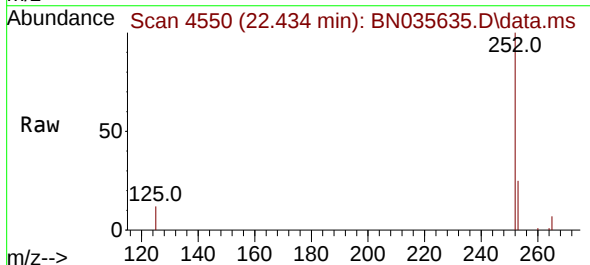
Manual Integrations
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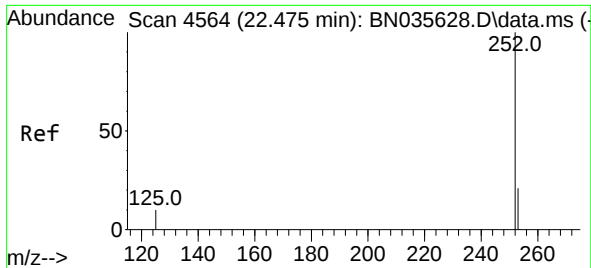
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#24
Benzo(b)fluoranthene
Concen: 2.330 ng/ul m
RT: 22.434 min Scan# 4550
Delta R.T. -0.009 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

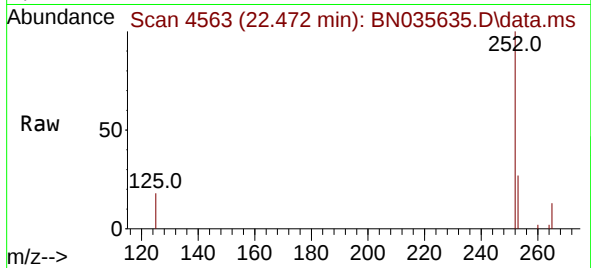
Tgt Ion:252 Resp: 69136
Ion Ratio Lower Upper
252 100
253 24.6 0.0 56.4
125 11.7 0.0 37.6





#25
Benzo(k)fluoranthene
Concen: 0.692 ng/ul m
RT: 22.472 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

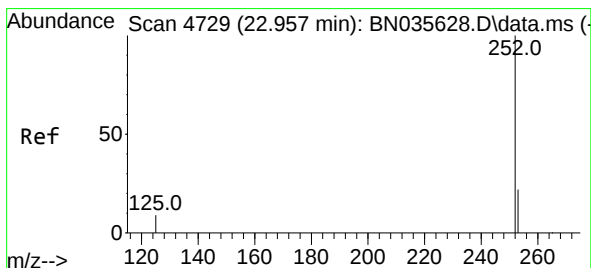
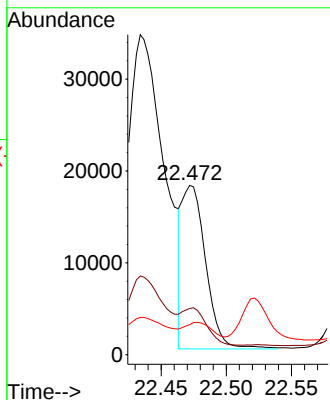
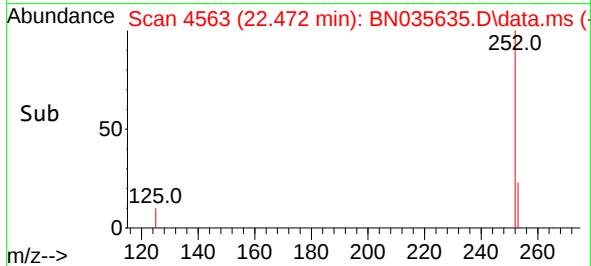
Instrument :
BNA_N
ClientSampleId :
E28S7



Tgt Ion:252 Resp: 22708
Ion Ratio Lower Upper
252 100
253 27.3 22.1 33.1
125 17.8 15.3 22.9

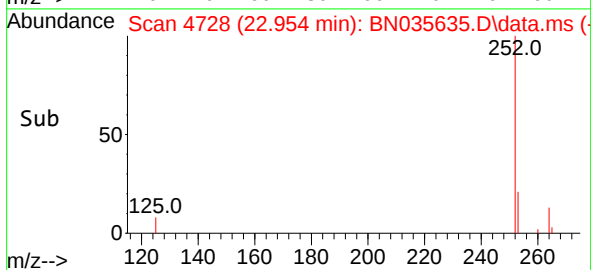
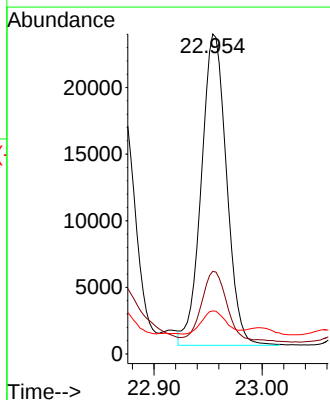
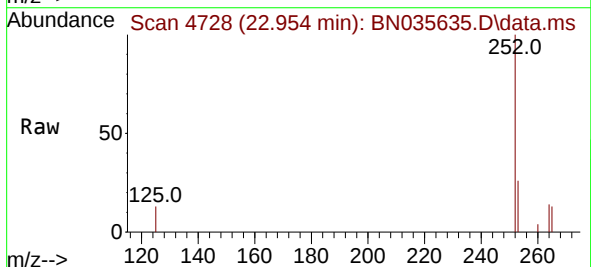
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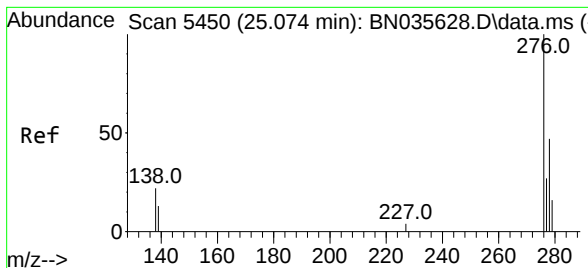
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#26
Benzo(a)pyrene
Concen: 1.319 ng/ul m
RT: 22.954 min Scan# 4728
Delta R.T. -0.009 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

Tgt Ion:252 Resp: 37903
Ion Ratio Lower Upper
252 100
253 25.8 24.1 36.1
125 13.5 19.1 28.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.883 ng/ul m

RT: 25.071 min Scan# 5449

Delta R.T. -0.010 min

Lab File: BN035635.D

Acq: 17 Dec 2024 02:36

Instrument :

BNA_N

ClientSampleId :

E28S7

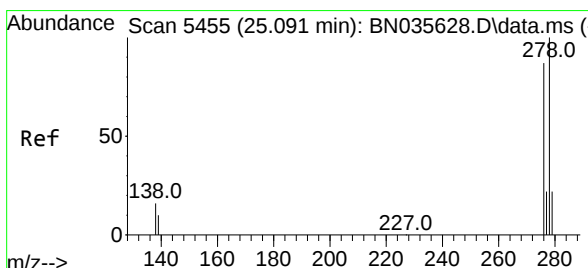
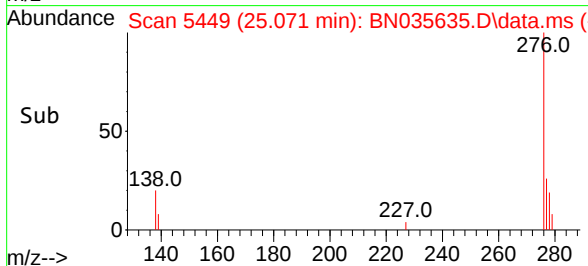
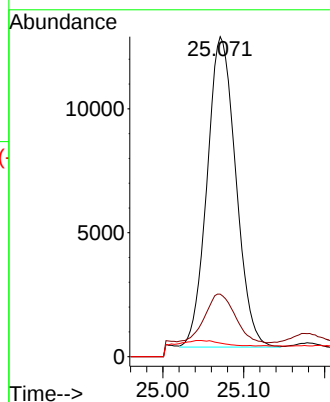
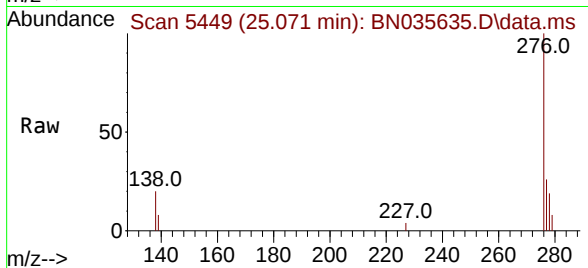
Tgt Ion:	276	Resp:	3089
Ion Ratio	Lower	Upper	
276	100		
138	15.2	14.7	22.1
227	0.0	21.6	32.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/21/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.266 ng/ul m

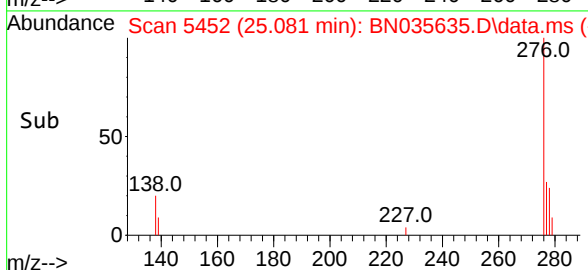
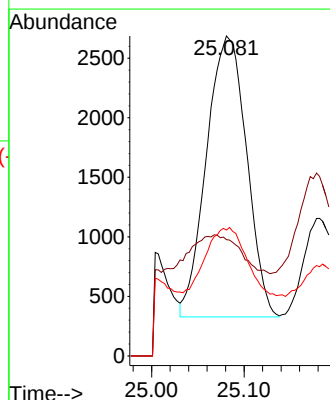
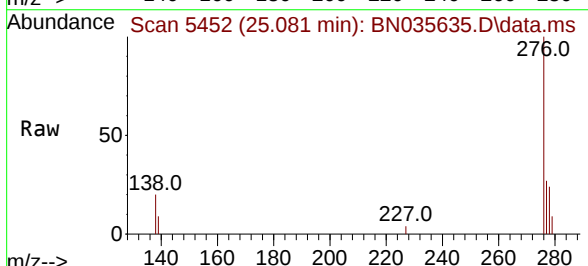
RT: 25.081 min Scan# 5452

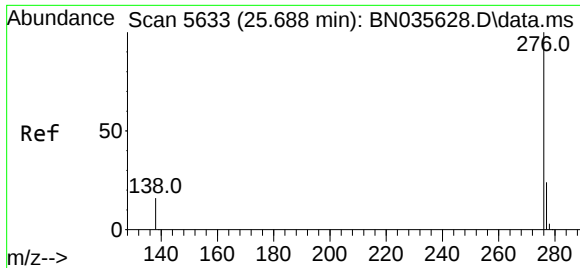
Delta R.T. -0.020 min

Lab File: BN035635.D

Acq: 17 Dec 2024 02:36

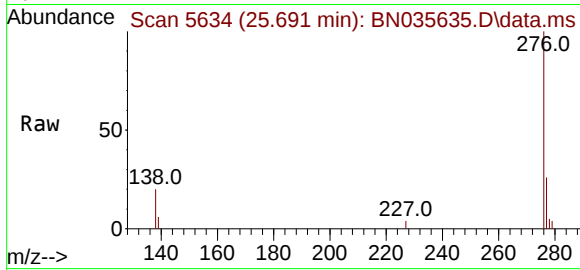
Tgt Ion:	278	Resp:	7116
Ion Ratio	Lower	Upper	
278	100		
139	36.3	19.8	29.8#
279	39.3	24.0	36.0#





#29
Benzo(g,h,i)perylene
Concen: 1.128 ng/ul m
RT: 25.691 min Scan# 50
Delta R.T. -0.006 min
Lab File: BN035635.D
Acq: 17 Dec 2024 02:36

Instrument :
BNA_N
ClientSampleId :
E28S7



Tgt Ion:276 Resp: 3166
Ion Ratio Lower Upper
276 100
138 20.3 19.6 29.4
277 25.7 21.6 32.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

