

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035644.D
 Acq On : 17 Dec 2024 08:00
 Operator : RC/JU
 Sample : P5232-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S6

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 08:33:24 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	3033	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	8996	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	6215	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	13261	0.400	ng/ul	0.00
17) Chrysene-d12	20.964	240	10916	0.400	ng/ul	# 0.00
23) Perylene-d12	23.054	264	11953m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	6585	2.449	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2108	0.165	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	4688	0.147	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.080	128	3801m	0.172	ng/ul	
7) 2-Methylnaphthalene	11.714	142	3267	0.220	ng/ul	99
8) 1-Methylnaphthalene	11.939	142	2464	0.160	ng/ul	99
10) Acenaphthylene	13.662	152	5185	0.215	ng/ul	97
11) Acenaphthene	14.009	153	485	0.027	ng/ul#	92
12) Fluorene	15.013	166	711	0.034	ng/ul#	84
15) Phenanthrene	16.759	178	26517	0.799	ng/ul	99
16) Anthracene	16.848	178	6186	0.199	ng/ul	95
19) Fluoranthene	18.800	202	85133	2.181	ng/ul	98
20) Pyrene	19.167	202	63496	1.476	ng/ul	99
21) Benzo(a)anthracene	20.947	228	20516	0.567	ng/ul	93
22) Chrysene	20.999	228	34819	0.927	ng/ul	97
24) Benzo(b)fluoranthene	22.440	252	41922m	1.190	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	13849m	0.355	ng/ul	
26) Benzo(a)pyrene	22.963	252	21619	0.634	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.084	276	17795m	0.428	ng/ul	
28) Dibenzo(a,h)anthracene	25.091	278	3999m	0.126	ng/ul	
29) Benzo(g,h,i)perylene	25.695	276	18048	0.542	ng/ul	96

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

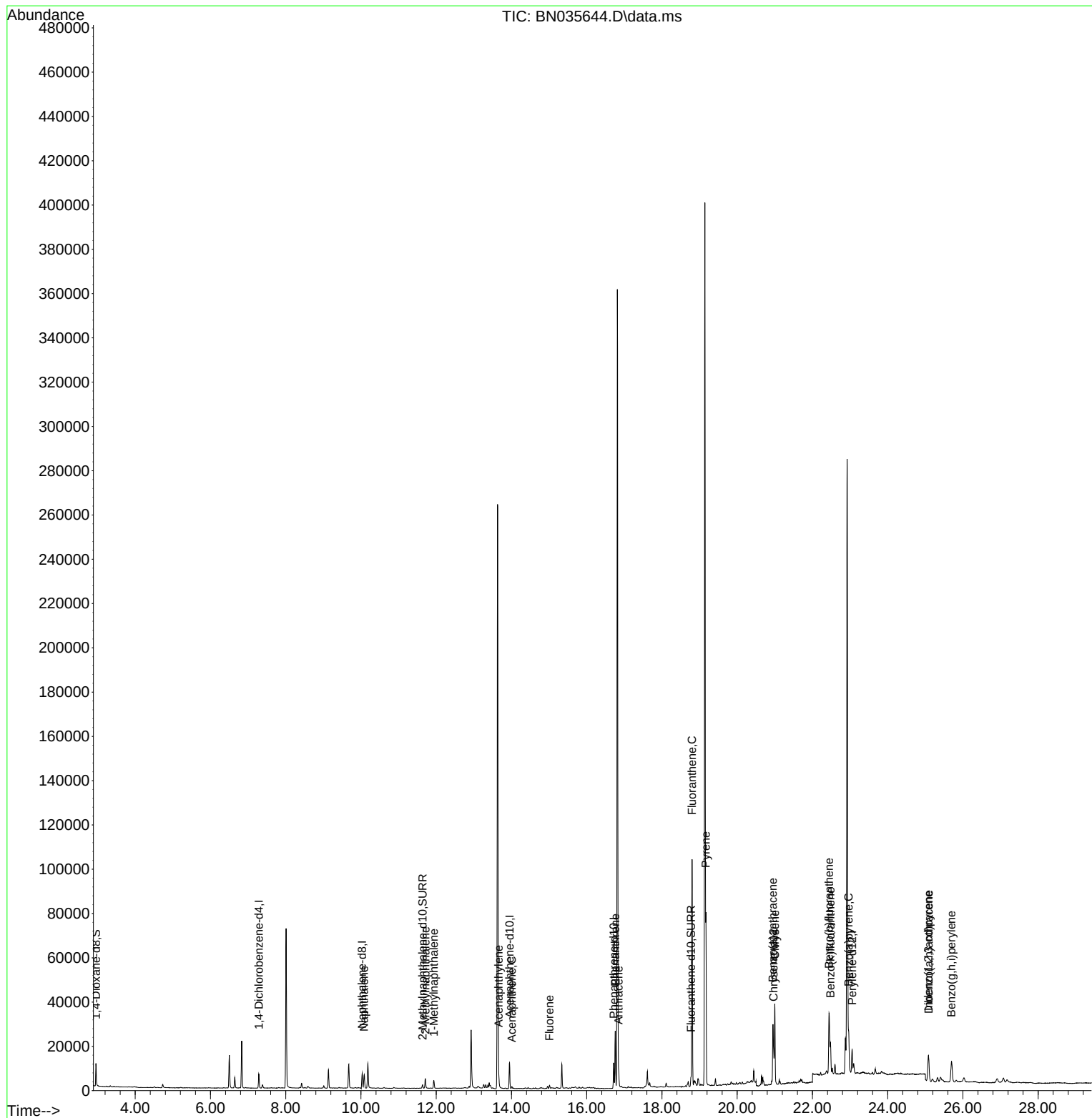
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035644.D
Acq On : 17 Dec 2024 08:00
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Sample : P5232-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

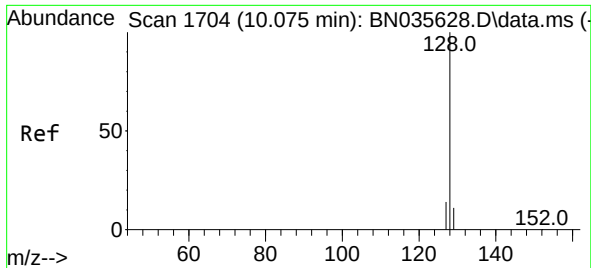
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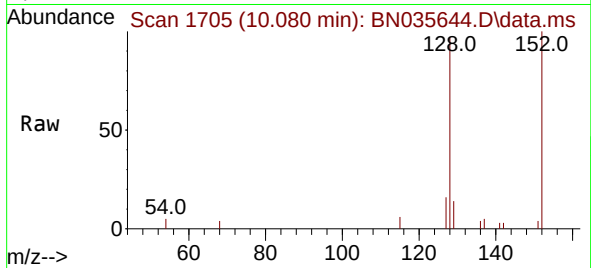
Quant Time: Dec 17 08:33:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.172 ng/ul m
RT: 10.080 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00

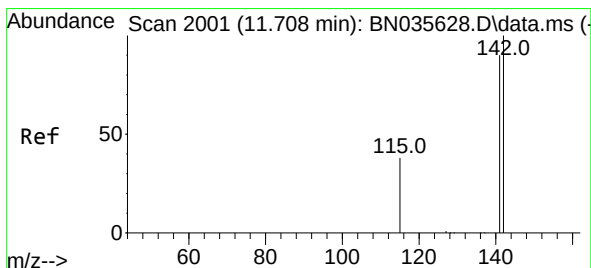
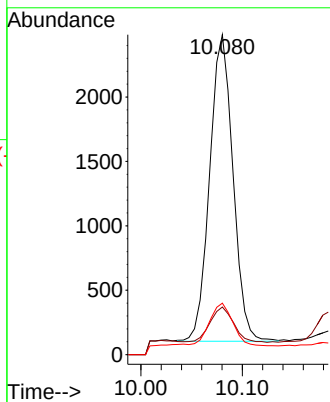
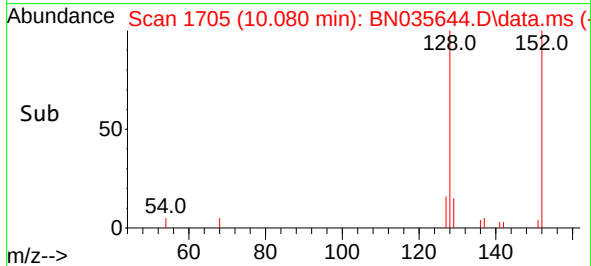
Instrument :
BNA_N
ClientSampleId :
E28S6



Tgt Ion:128 Resp: 380
Ion Ratio Lower Upper
128 100
129 14.9 10.8 16.2
127 16.1 12.0 18.0

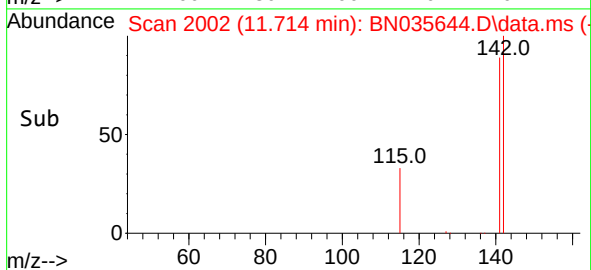
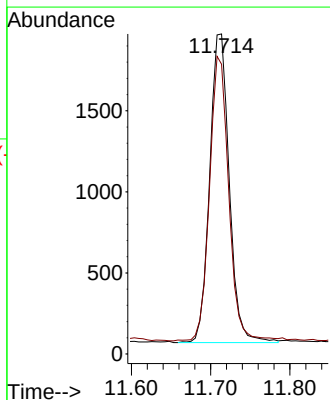
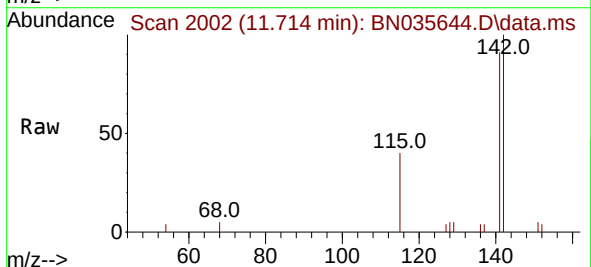
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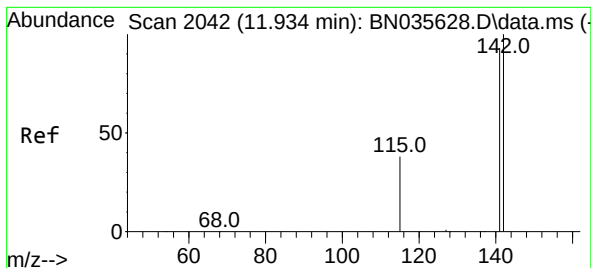
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00

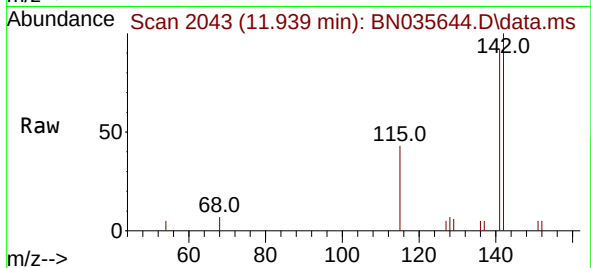
Tgt Ion:142 Resp: 3267
Ion Ratio Lower Upper
142 100
141 90.2 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.160 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00

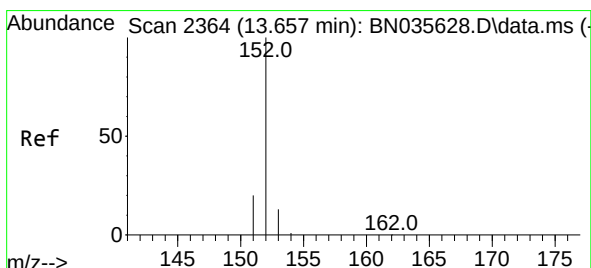
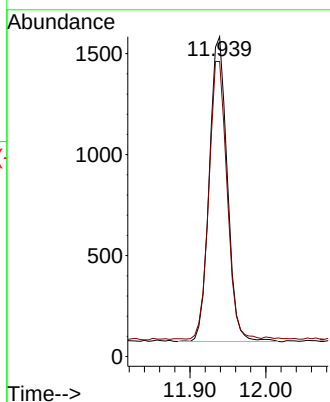
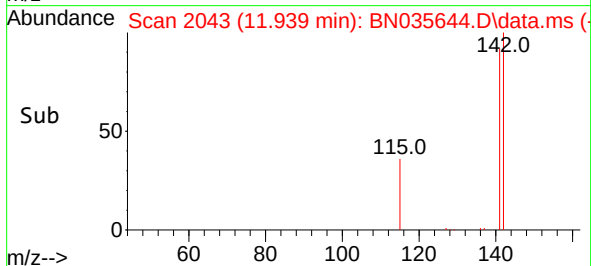
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 2464
Ion Ratio Lower Upper
142 100
141 92.1 74.7 112.1

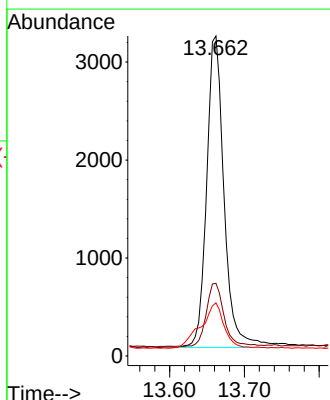
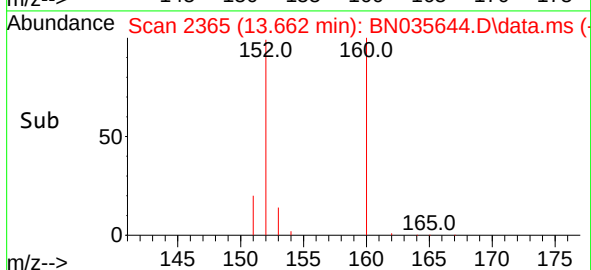
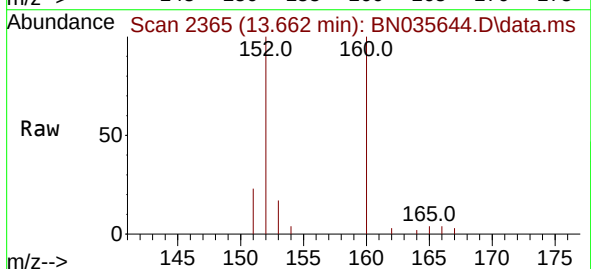
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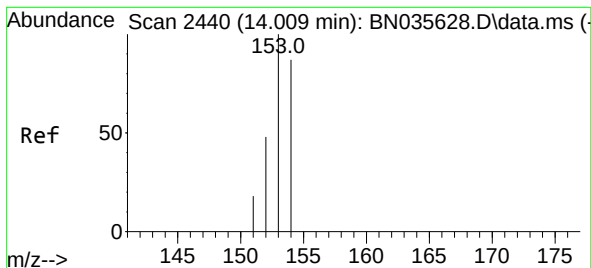
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.215 ng/ul
RT: 13.662 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00

Tgt Ion:152 Resp: 5185
Ion Ratio Lower Upper
152 100
151 22.7 17.6 26.4
153 16.6 11.4 17.2





#11

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.009 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BN035644.D

Acq: 17 Dec 2024 08:00

Instrument :

BNA_N

ClientSampleId :

E28S6

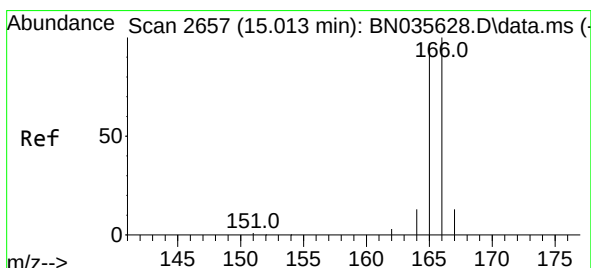
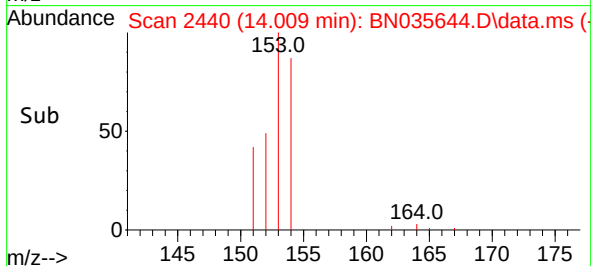
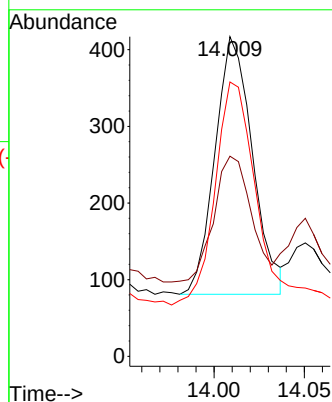
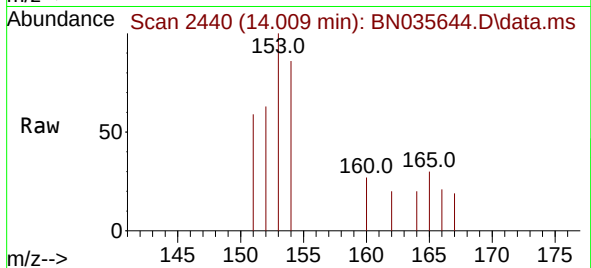
Tgt Ion:	153	Resp:	485
Ion Ratio	Lower	Upper	
153	100		
152	62.6	39.8	59.6
154	85.9	69.8	104.8

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Supervised By :mohammad ahmed 12/21/2024



#12

Fluorene

Concen: 0.034 ng/ul

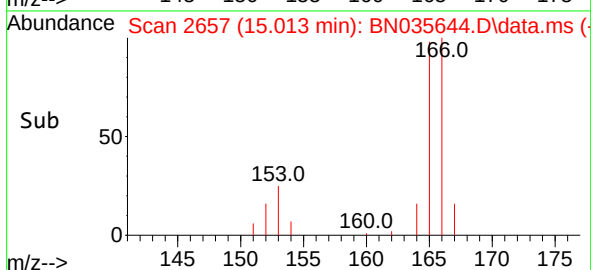
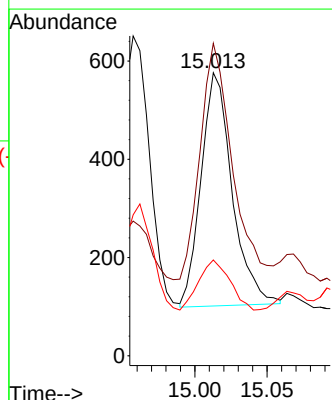
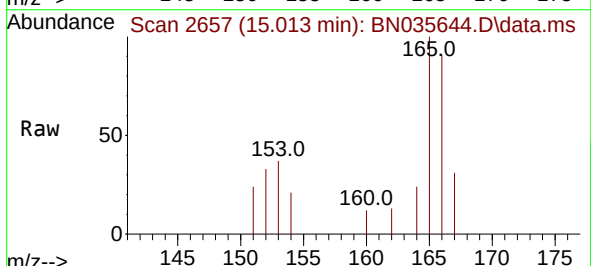
RT: 15.013 min Scan# 2657

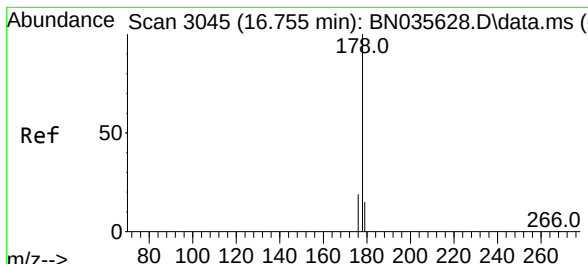
Delta R.T. 0.000 min

Lab File: BN035644.D

Acq: 17 Dec 2024 08:00

Tgt Ion:	166	Resp:	711
Ion Ratio	Lower	Upper	
166	100		
165	110.4	79.5	119.3
167	33.9	11.8	17.8



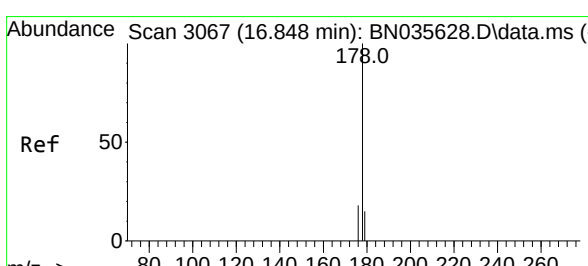
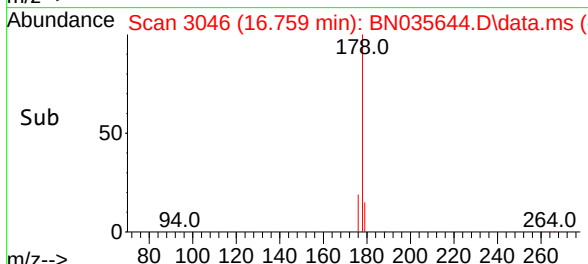
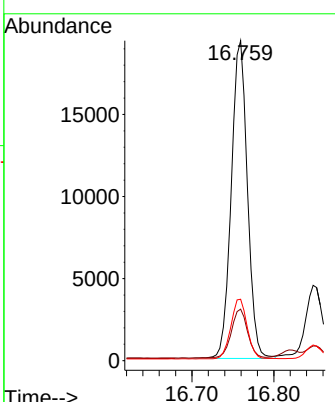
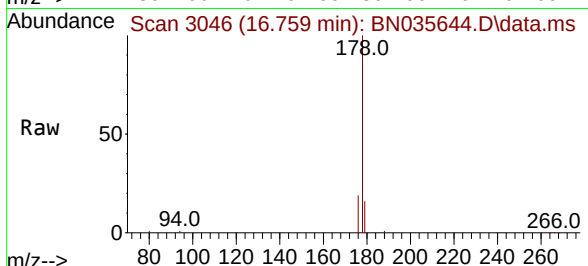


#15
 Phenanthrene
 Concen: 0.799 ng/ul
 RT: 16.759 min Scan# 3045
 Delta R.T. 0.000 min
 Lab File: BN035644.D
 Acq: 17 Dec 2024 08:00

Instrument : BNA_N
 ClientSampleId : E28S6

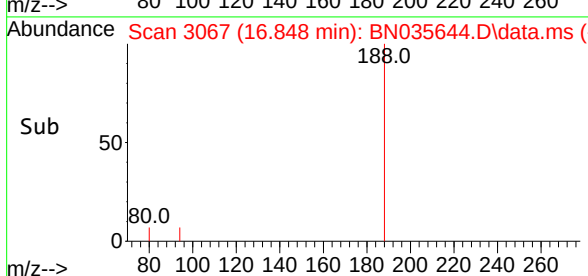
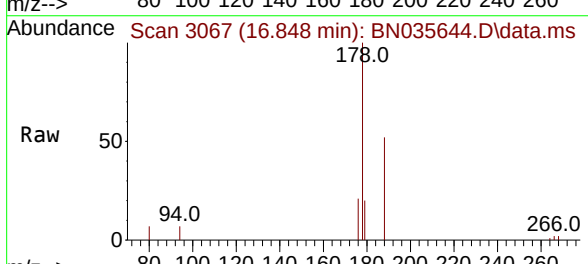
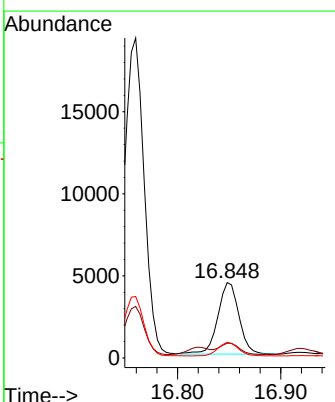
Tgt Ion:	178	Resp:	2651
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.3	19.9
176	19.2	15.8	23.8

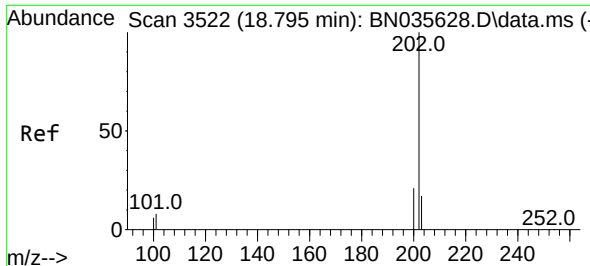
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 Supervised By :mohammad ahmed 12/21/2024



#16
 Anthracene
 Concen: 0.199 ng/ul
 RT: 16.848 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BN035644.D
 Acq: 17 Dec 2024 08:00

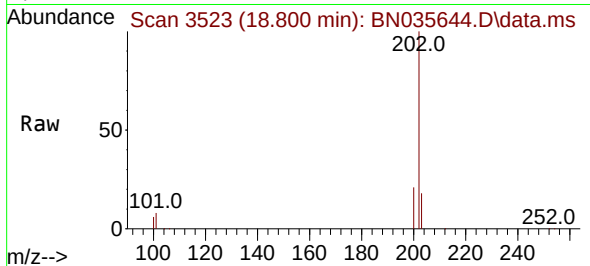
Tgt Ion:	178	Resp:	6186
Ion Ratio	Lower	Upper	
178	100		
179	19.5	13.4	20.0
176	20.8	15.4	23.0





#19
Fluoranthene
Concen: 2.181 ng/ul
RT: 18.800 min Scan# 3522
Delta R.T. 0.000 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00

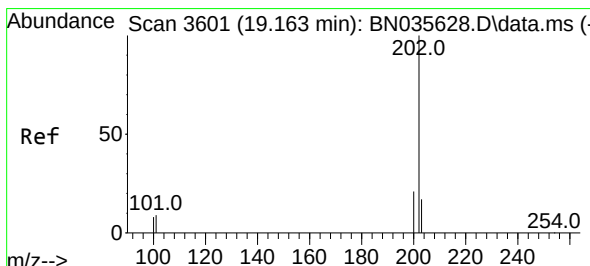
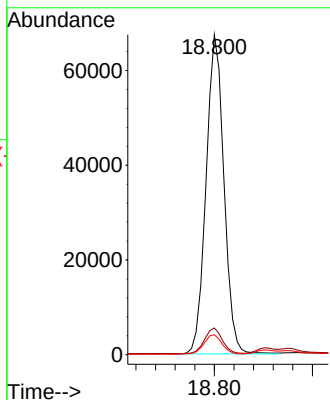
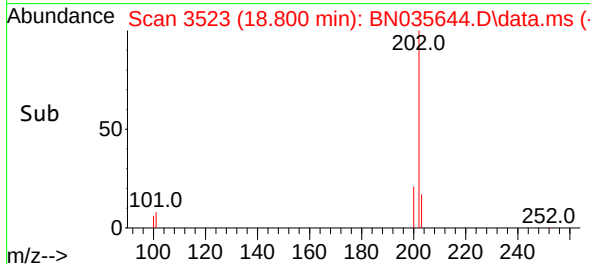
Instrument :
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ClientSampleId :
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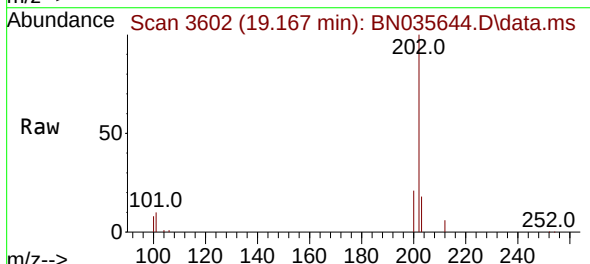
Tgt Ion:202 Resp: 8513
Ion Ratio Lower Upper
202 100
101 8.4 7.3 10.9
100 6.3 5.4 8.0

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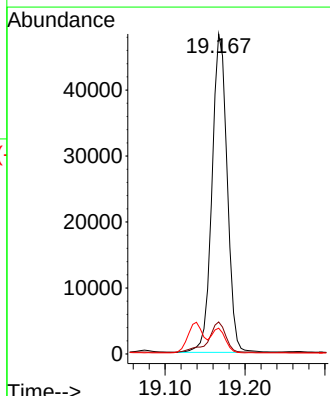
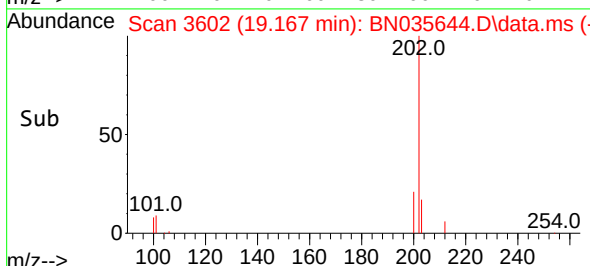
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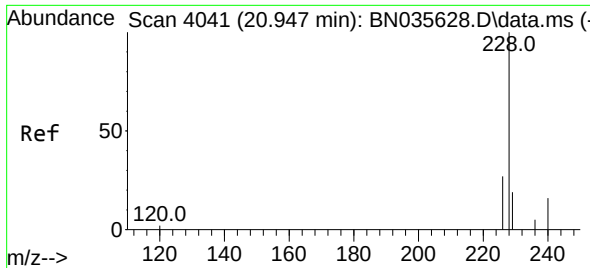


#20
Pyrene
Concen: 1.476 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00



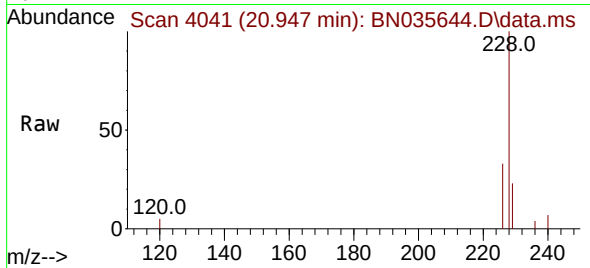
Tgt Ion:202 Resp: 63496
Ion Ratio Lower Upper
202 100
101 10.0 8.5 12.7
100 8.0 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.567 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00

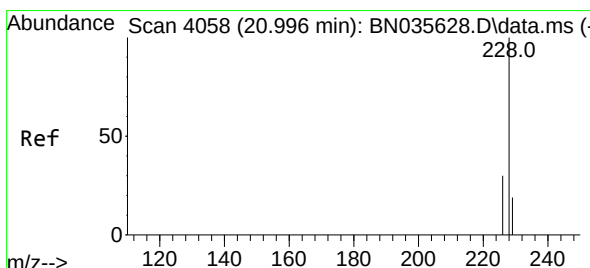
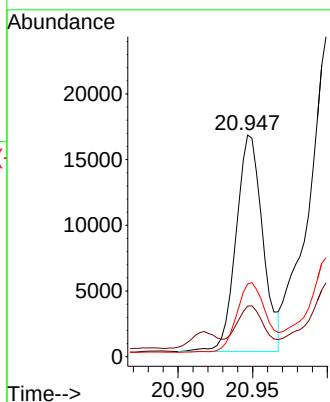
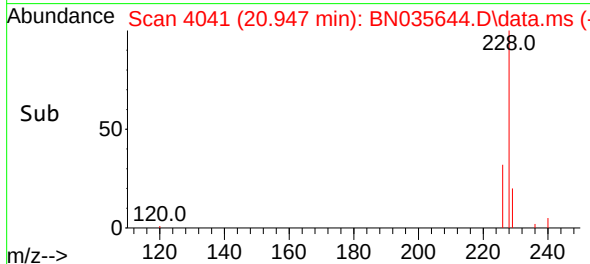
Instrument :
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E28S6



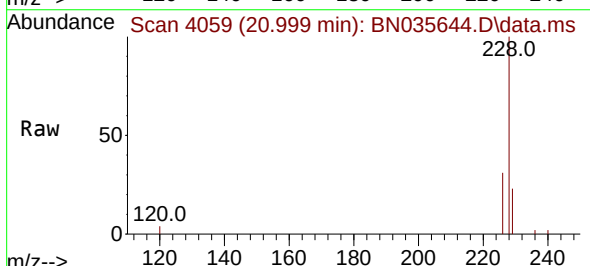
Tgt Ion:228 Resp: 20510
Ion Ratio Lower Upper
228 100
229 22.8 16.6 25.0
226 32.8 22.5 33.7

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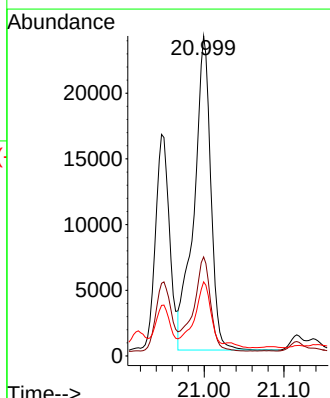
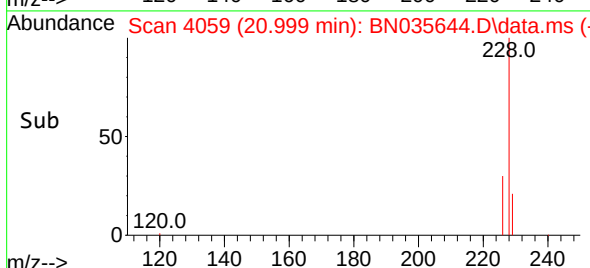
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

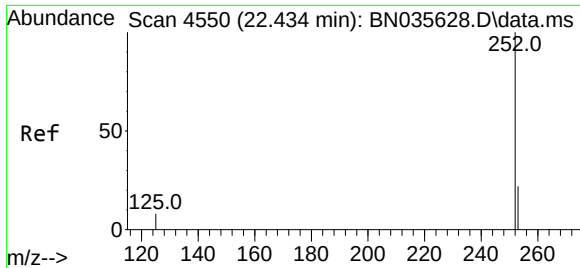


#22
Chrysene
Concen: 0.927 ng/ul
RT: 20.999 min Scan# 4059
Delta R.T. 0.000 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00



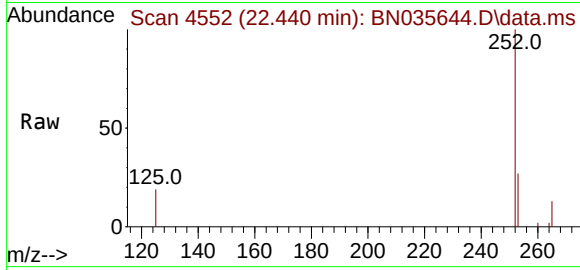
Tgt Ion:228 Resp: 34819
Ion Ratio Lower Upper
228 100
226 31.0 25.1 37.7
229 23.1 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 1.190 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00

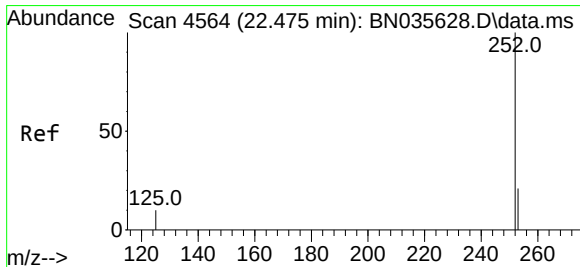
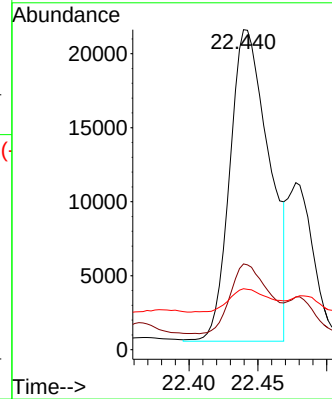
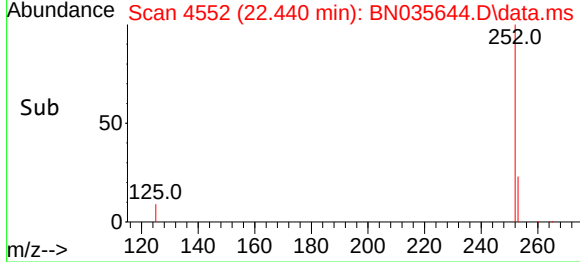
Instrument :
BNA_N
ClientSampleId :
E28S6



Tgt Ion:252 Resp: 4192
Ion Ratio Lower Upper
252 100
253 26.8 0.0 56.4
125 19.0 0.0 37.6

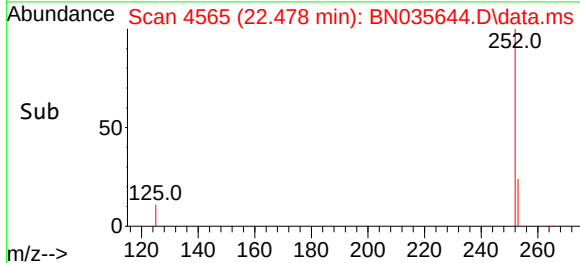
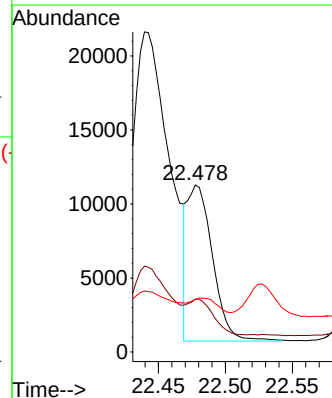
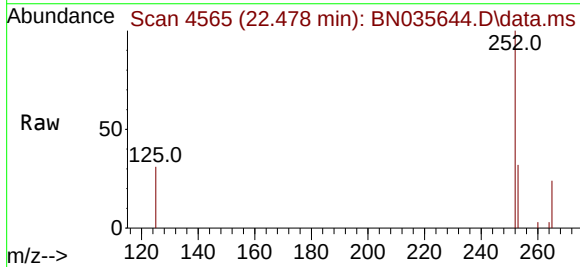
Manual Integrations
APPROVED

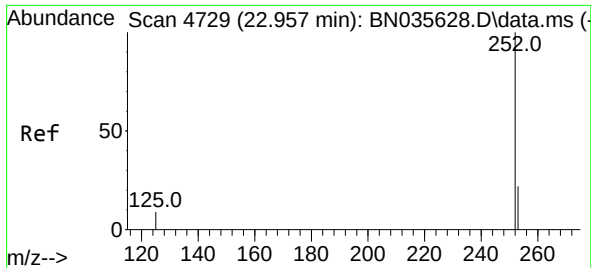
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul m
RT: 22.478 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00

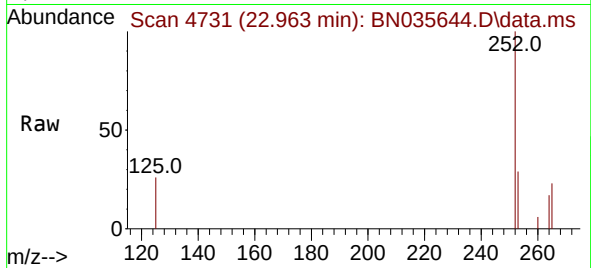
Tgt Ion:252 Resp: 13849
Ion Ratio Lower Upper
252 100
253 31.6 22.1 33.1
125 31.4 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.634 ng/ul
RT: 22.963 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00

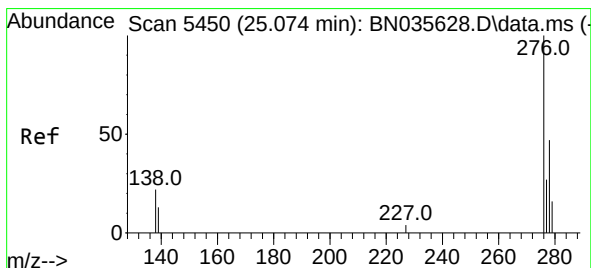
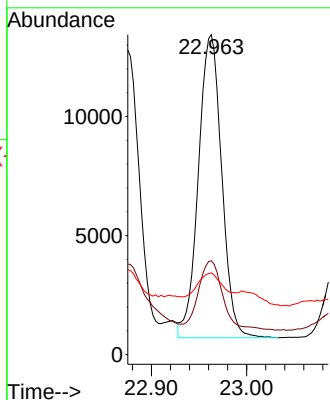
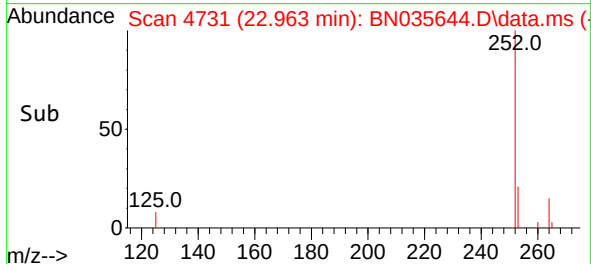
Instrument :
BNA_N
ClientSampleId :
E28S6



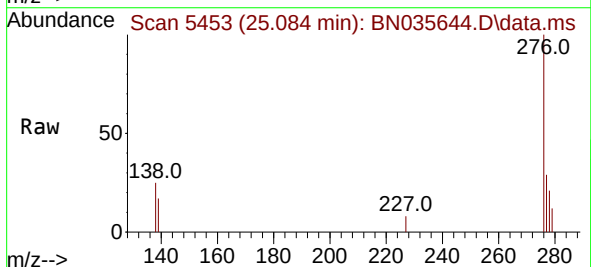
Tgt Ion:252 Resp: 21619
Ion Ratio Lower Upper
252 100
253 29.4 24.1 36.1
125 25.6 19.1 28.7

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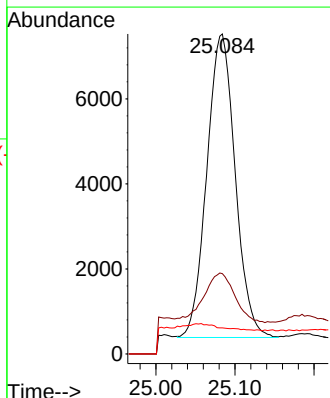
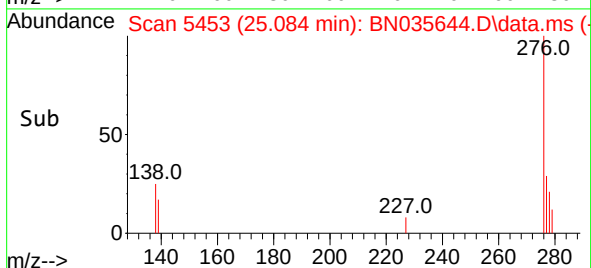
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

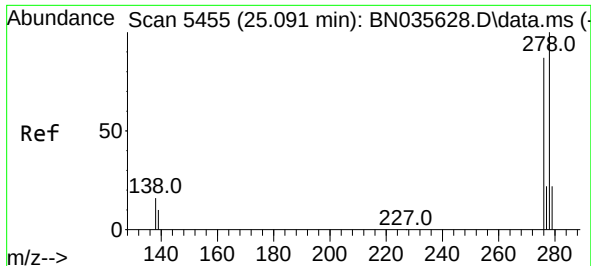


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng/ul m
RT: 25.084 min Scan# 5453
Delta R.T. 0.003 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00



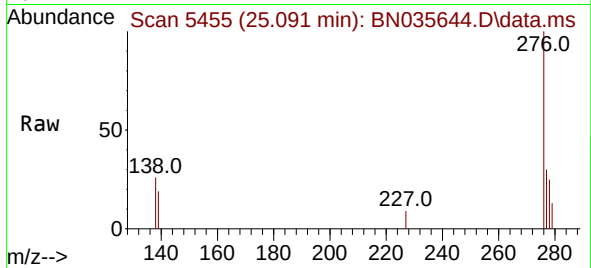
Tgt Ion:276 Resp: 17795
Ion Ratio Lower Upper
276 100
138 18.1 14.7 22.1
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.126 ng/ul m
RT: 25.091 min Scan# 5455
Delta R.T. -0.010 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00

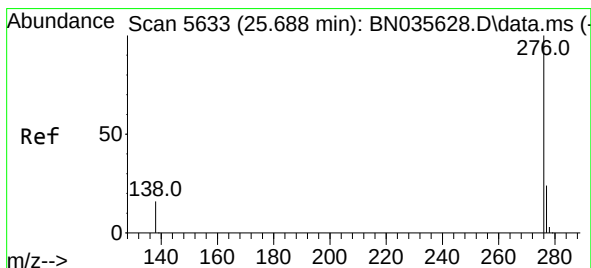
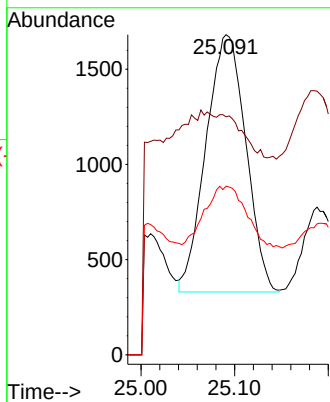
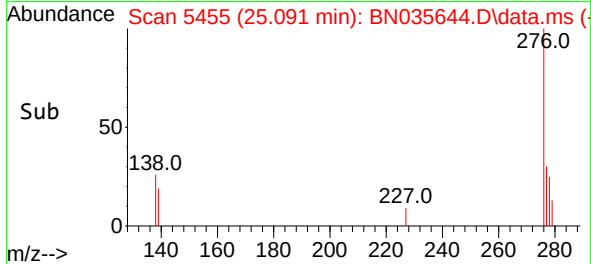
Instrument :
BNA_N
ClientSampleId :
E28S6



Tgt Ion:278 Resp: 3995
Ion Ratio Lower Upper
278 100
139 74.4 19.8 29.8
279 52.7 24.0 36.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.542 ng/ul
RT: 25.695 min Scan# 5635
Delta R.T. -0.003 min
Lab File: BN035644.D
Acq: 17 Dec 2024 08:00

Tgt Ion:276 Resp: 18048
Ion Ratio Lower Upper
276 100
138 26.6 19.6 29.4
277 28.7 21.6 32.4

