

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035632.D
 Acq On : 17 Dec 2024 00:48
 Operator : RC/JU
 Sample : P5232-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S1

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 01:15:05 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	2124	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	6380	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	4349	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	9586	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	8215	0.400	ng/ul	# 0.00
23) Perylene-d12	23.045	264	8539m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	5318	2.824	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	1462	0.161	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	3240	0.135	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	1578m	0.101	ng/ul	
7) 2-Methylnaphthalene	11.708	142	1081	0.103	ng/ul	100
8) 1-Methylnaphthalene	11.934	142	815	0.075	ng/ul	100
10) Acenaphthylene	13.657	152	4227	0.251	ng/ul	96
11) Acenaphthene	14.009	153	1433	0.113	ng/ul	97
12) Fluorene	15.013	166	1665	0.112	ng/ul#	95
15) Phenanthrene	16.755	178	33050	1.378	ng/ul	99
16) Anthracene	16.848	178	8601	0.384	ng/ul	97
19) Fluoranthene	18.795	202	86027	2.928	ng/ul	98
20) Pyrene	19.167	202	75265	2.325	ng/ul	96
21) Benzo(a)anthracene	20.944	228	39234	1.440	ng/ul	96
22) Chrysene	20.993	228	40892	1.446	ng/ul	97
24) Benzo(b)fluoranthene	22.437	252	60849m	2.418	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	21499m	0.772	ng/ul	
26) Benzo(a)pyrene	22.954	252	42589m	1.747	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.074	276	31777m	1.071	ng/ul	
28) Dibenzo(a,h)anthracene	25.081	278	7057m	0.311	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	34548	1.451	ng/ul#	93

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

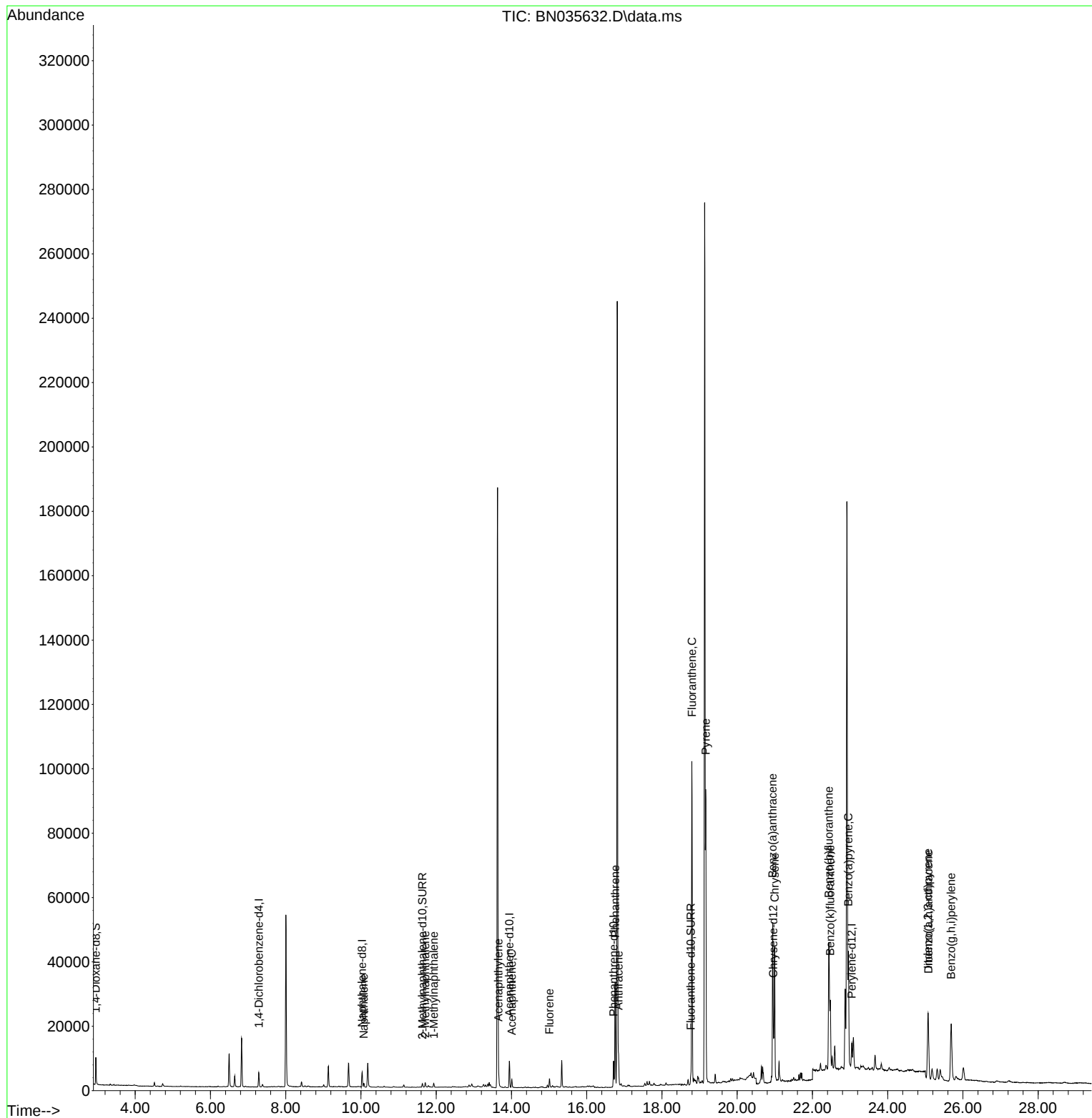
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035632.D
Acq On : 17 Dec 2024 00:48
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ALS Vial : 22 Sample Multiplier: 1

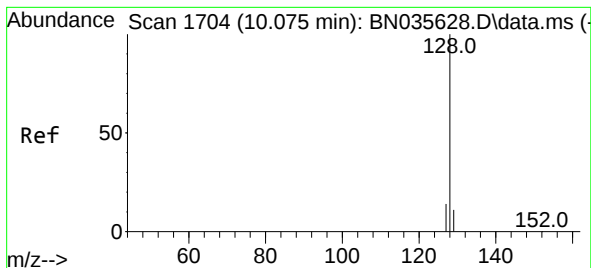
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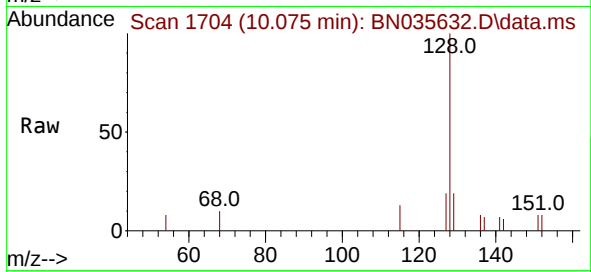
Quant Time: Dec 17 01:15:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.101 ng/ul m
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

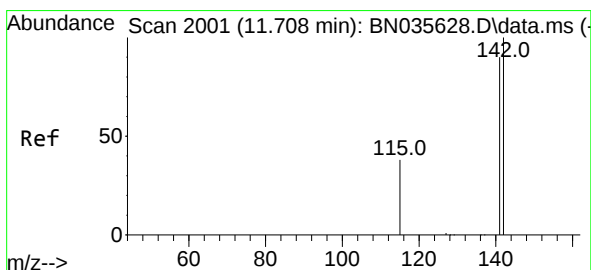
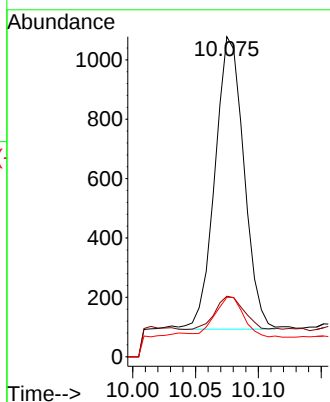
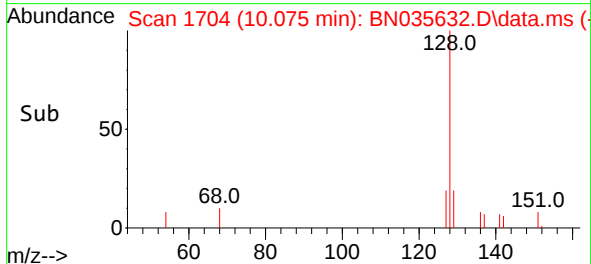
Instrument :
BNA_N
ClientSampleId :
E28S1



Tgt Ion:128 Resp: 1578
Ion Ratio Lower Upper
128 100
129 18.9 10.8 16.2
127 18.6 12.0 18.0

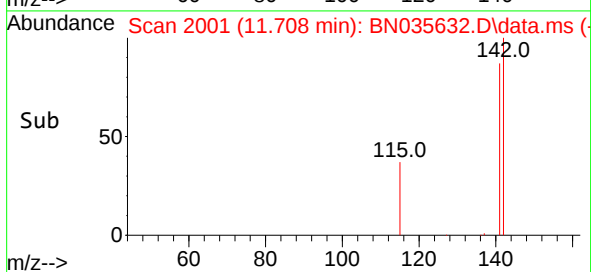
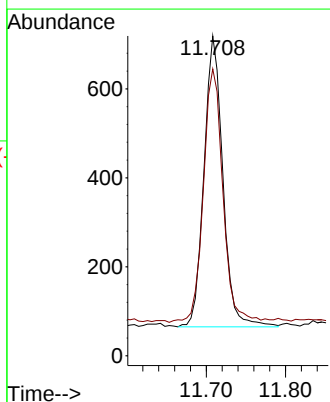
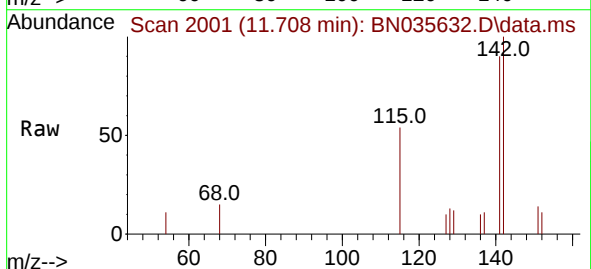
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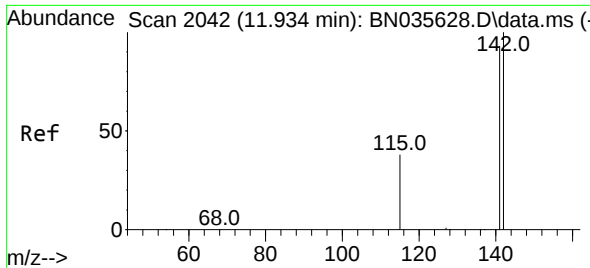
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

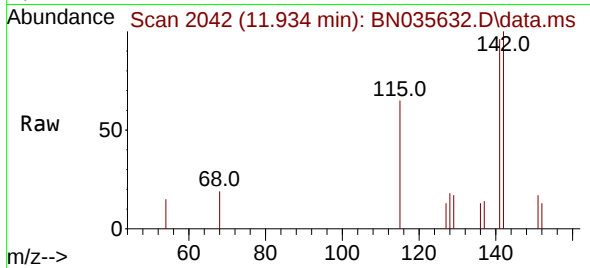
Tgt Ion:142 Resp: 1081
Ion Ratio Lower Upper
142 100
141 90.6 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

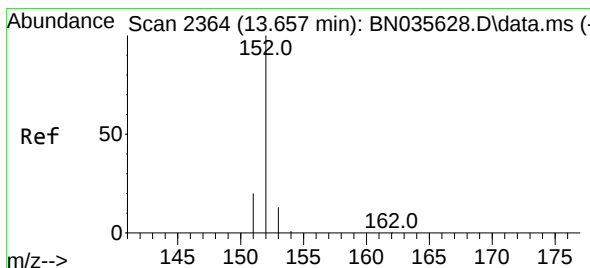
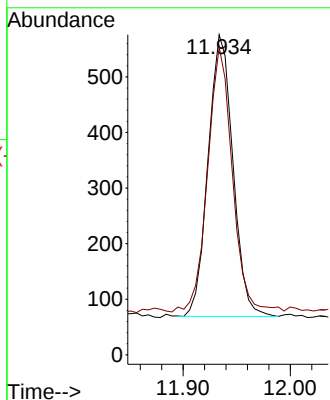
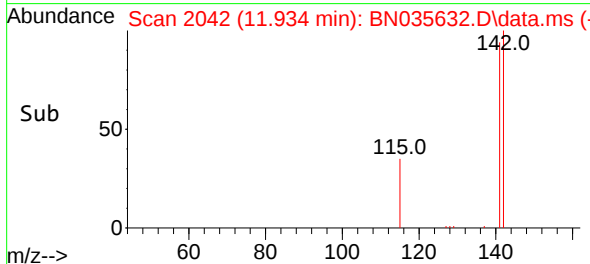
Instrument :
BNA_N
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Tgt Ion:142 Resp: 815
Ion Ratio Lower Upper
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141 93.4 74.7 112.1

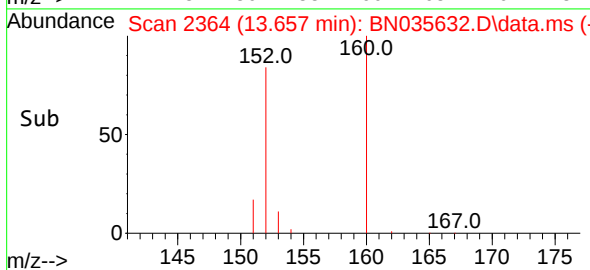
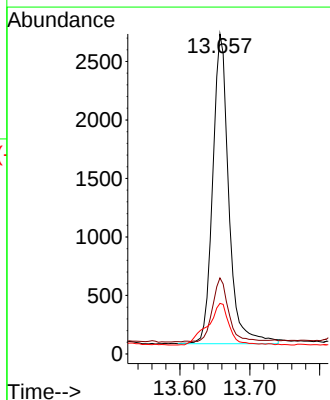
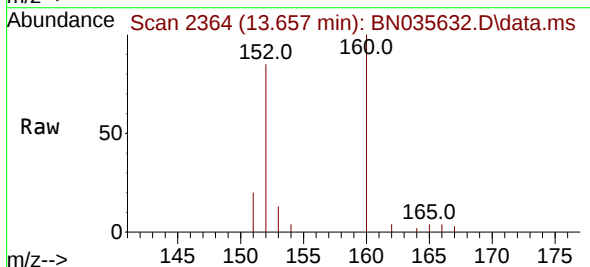
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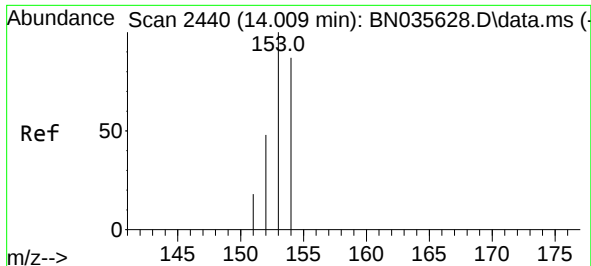
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.251 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

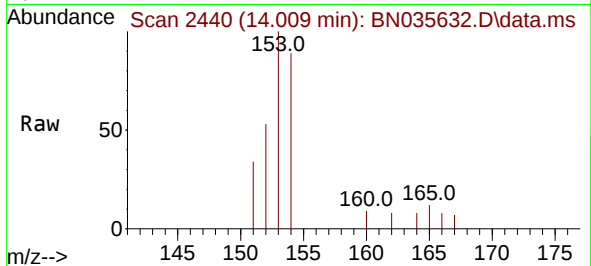
Tgt Ion:152 Resp: 4227
Ion Ratio Lower Upper
152 100
151 23.8 17.6 26.4
153 15.8 11.4 17.2





#11
Acenaphthene
Concen: 0.113 ng/u1
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

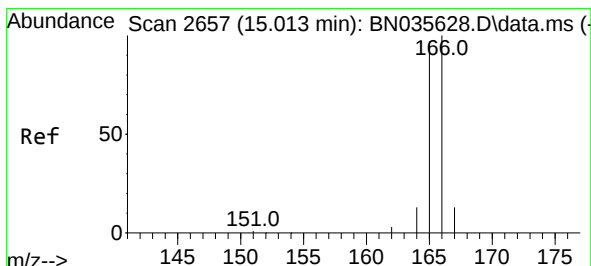
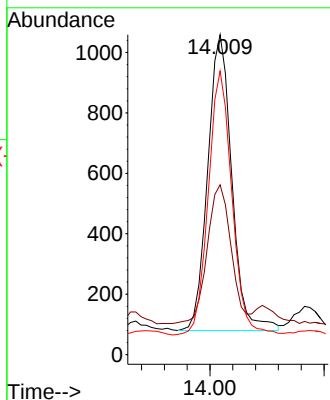
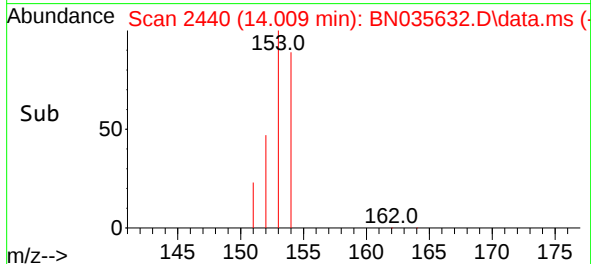
Instrument :
BNA_N
ClientSampleId :
E28S1



Tgt Ion:153 Resp: 1438
Ion Ratio Lower Upper
153 100
152 53.1 39.8 59.6
154 88.7 69.8 104.8

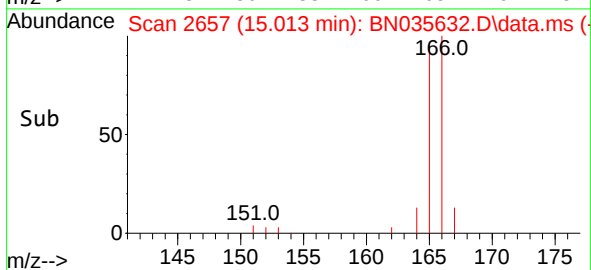
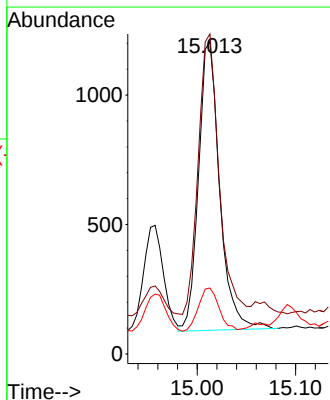
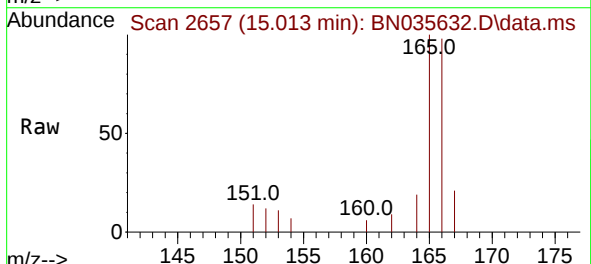
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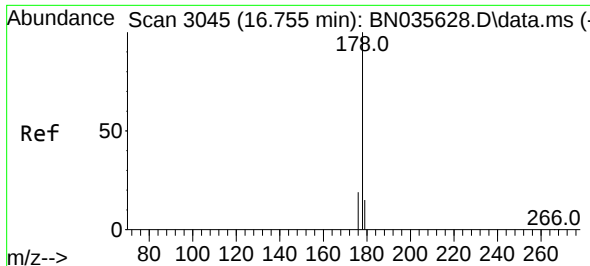
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#12
Fluorene
Concen: 0.112 ng/u1
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

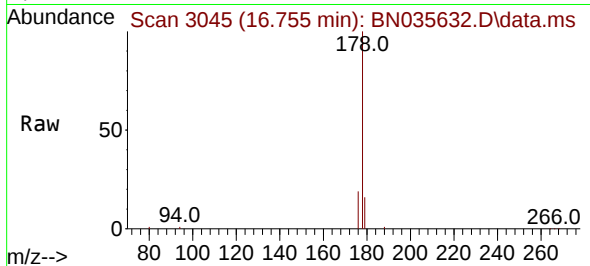
Tgt Ion:166 Resp: 1665
Ion Ratio Lower Upper
166 100
165 102.5 79.5 119.3
167 21.1 11.8 17.8#





#15
Phenanthrene
Concen: 1.378 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

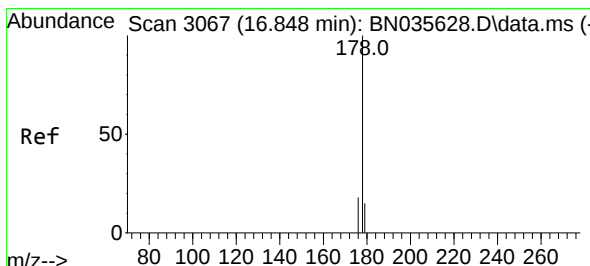
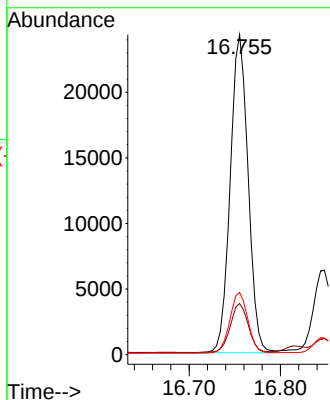
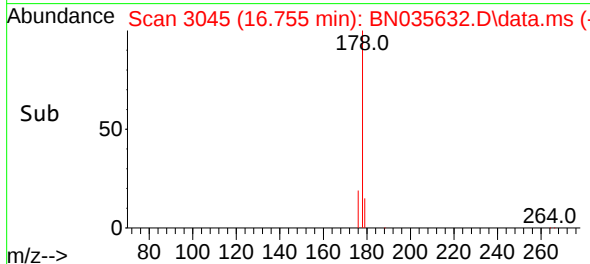
Instrument :
BNA_N
ClientSampleId :
E28S1



Tgt Ion:178 Resp: 33050
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.4 15.8 23.8

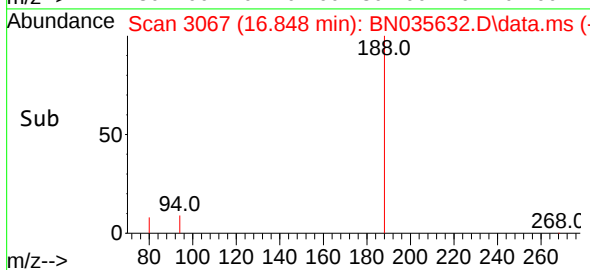
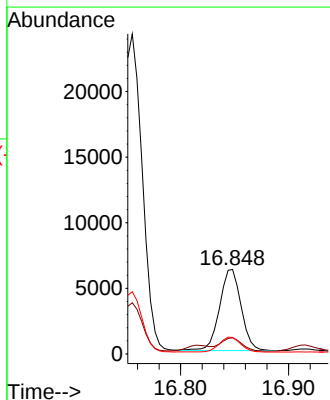
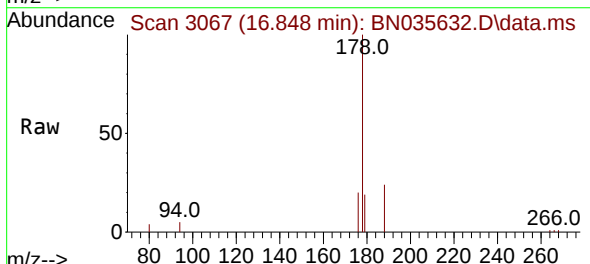
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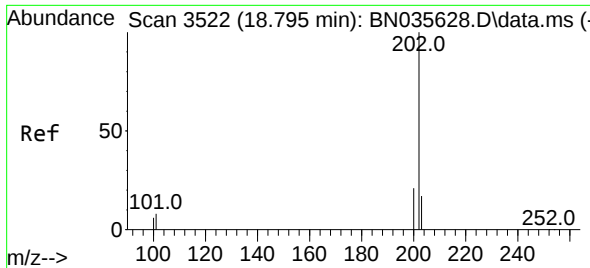
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#16
Anthracene
Concen: 0.384 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

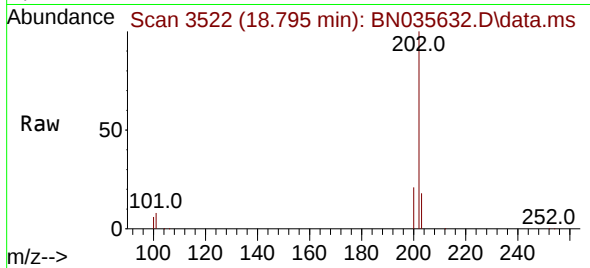
Tgt Ion:178 Resp: 8601
Ion Ratio Lower Upper
178 100
179 19.1 13.4 20.0
176 19.5 15.4 23.0





#19
Fluoranthene
Concen: 2.928 ng/u1
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

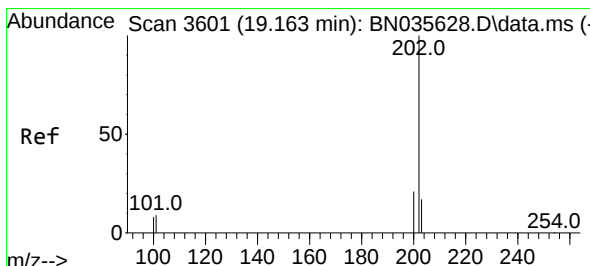
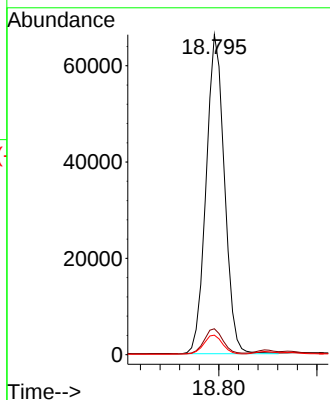
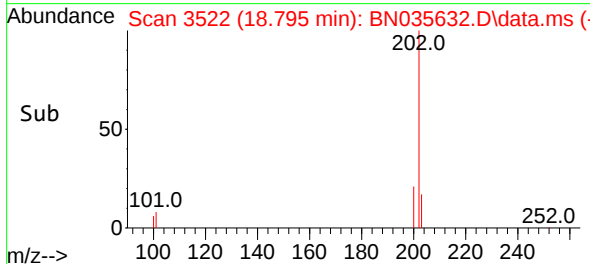
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ClientSampleId :
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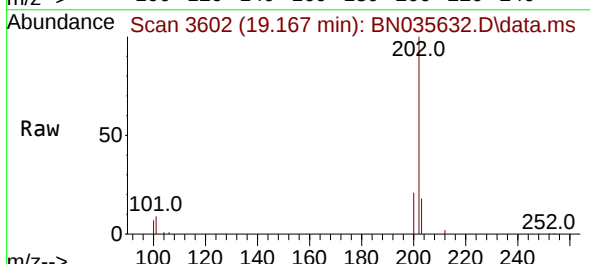
Tgt Ion:202 Resp: 8602
Ion Ratio Lower Upper
202 100
101 8.1 7.3 10.9
100 6.1 5.4 8.0

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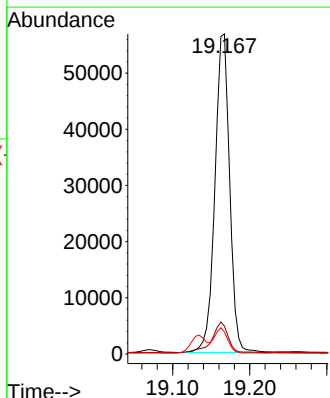
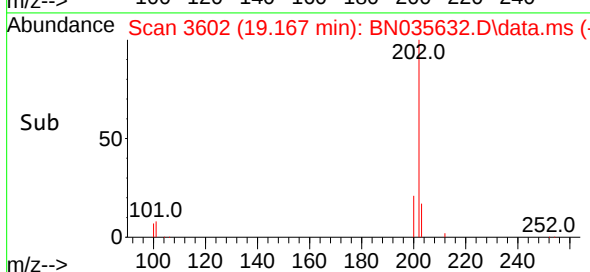
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

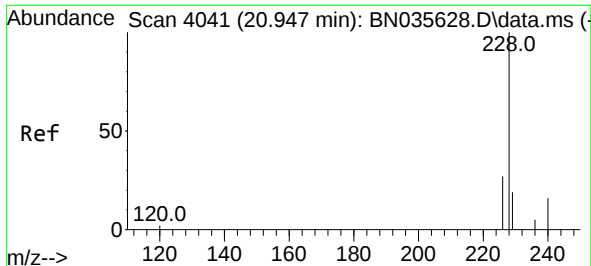


#20
Pyrene
Concen: 2.325 ng/u1
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48



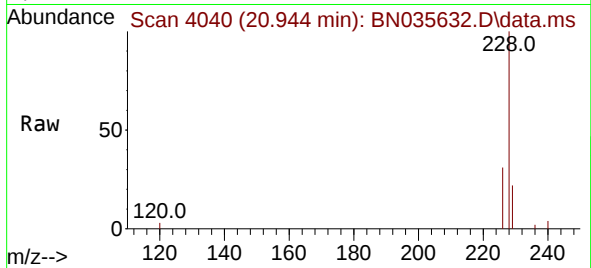
Tgt Ion:202 Resp: 75265
Ion Ratio Lower Upper
202 100
101 8.7 8.5 12.7
100 6.8 6.5 9.7





#21
Benzo(a)anthracene
Concen: 1.440 ng/ul
RT: 20.944 min Scan# 4041
Delta R.T. -0.006 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

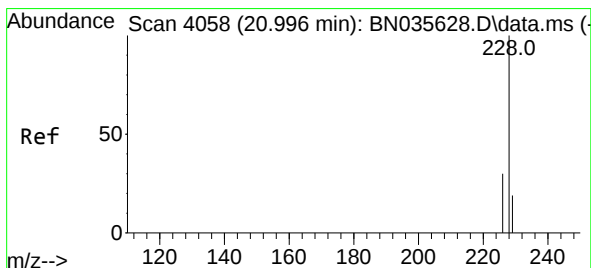
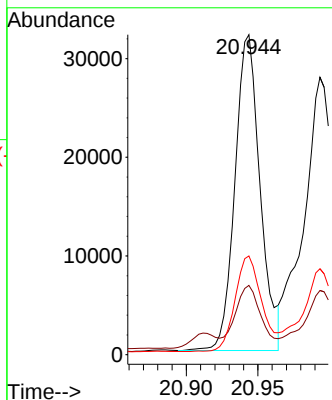
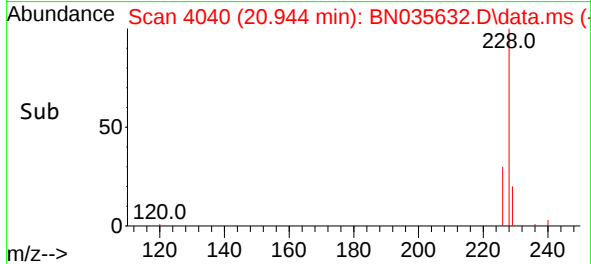
Instrument :
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ClientSampleId :
E28S1



Tgt Ion:228 Resp: 39234
Ion Ratio Lower Upper
228 100
229 21.7 16.6 25.0
226 30.9 22.5 33.7

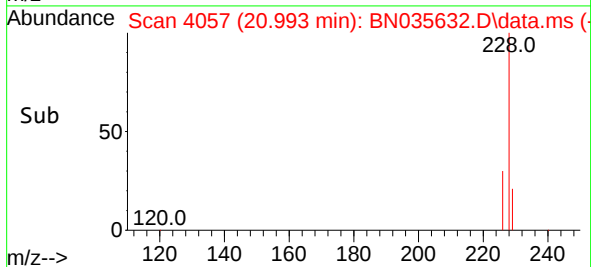
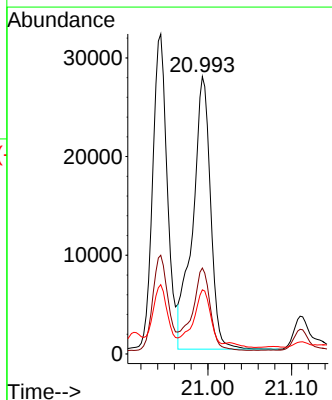
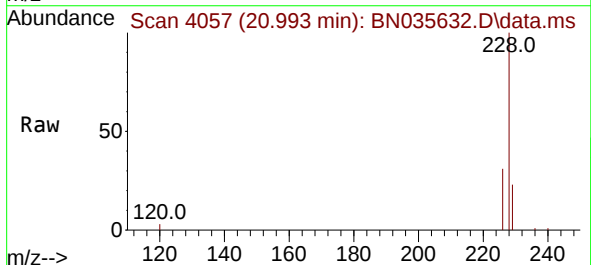
Manual Integrations
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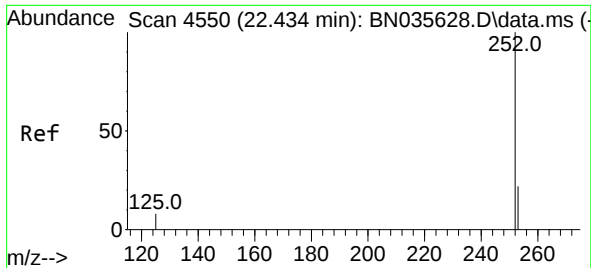
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 1.446 ng/ul
RT: 20.993 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

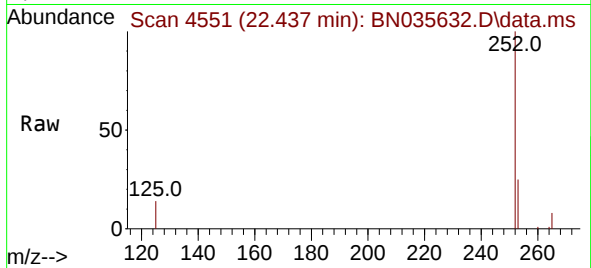
Tgt Ion:228 Resp: 40892
Ion Ratio Lower Upper
228 100
226 31.0 25.1 37.7
229 23.1 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 2.418 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

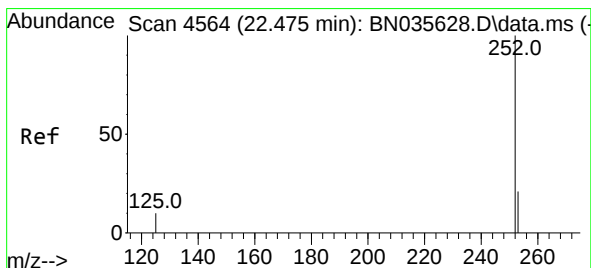
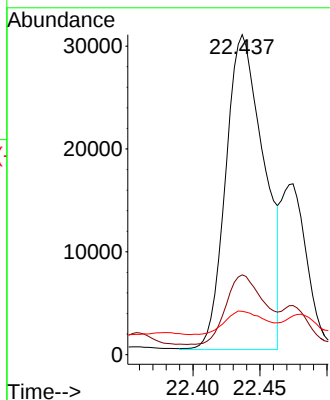
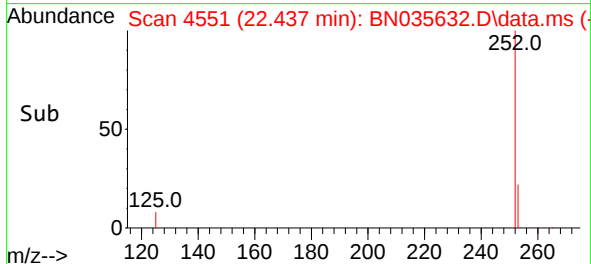
Instrument :
BNA_N
ClientSampleId :
E28S1



Tgt Ion:252 Resp: 60849
Ion Ratio Lower Upper
252 100
253 25.0 0.0 56.4
125 13.6 0.0 37.6

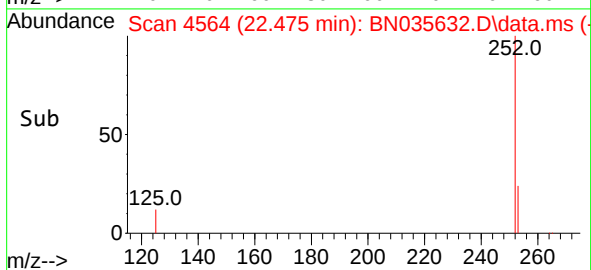
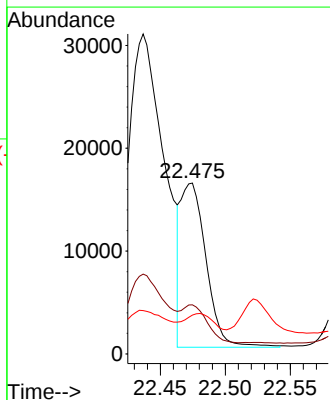
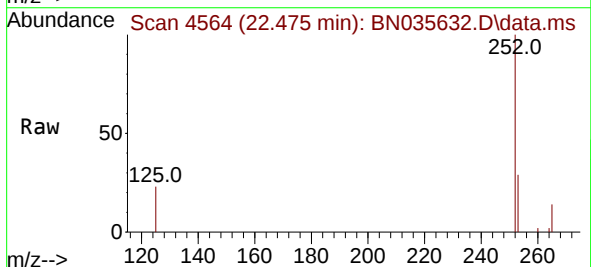
Manual Integrations
APPROVED

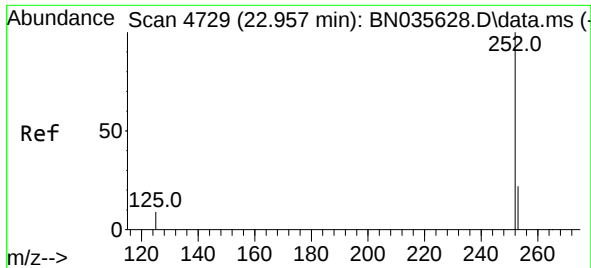
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.772 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

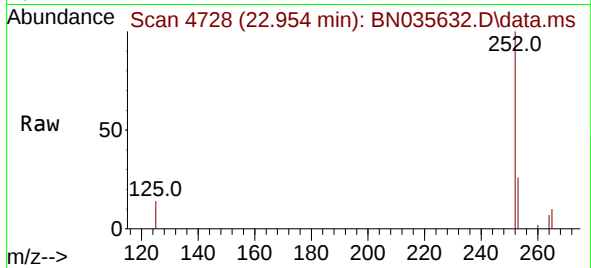
Tgt Ion:252 Resp: 21499
Ion Ratio Lower Upper
252 100
253 28.8 22.1 33.1
125 22.7 15.3 22.9





#26
Benzo(a)pyrene
Concen: 1.747 ng/ul m
RT: 22.954 min Scan# 4728
Delta R.T. -0.009 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48

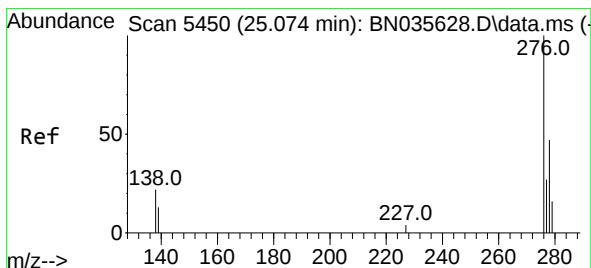
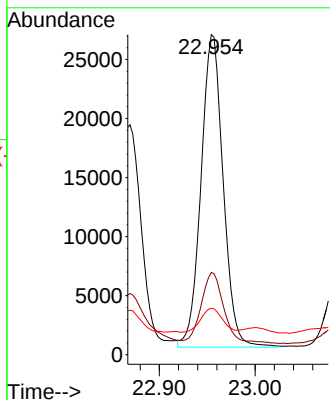
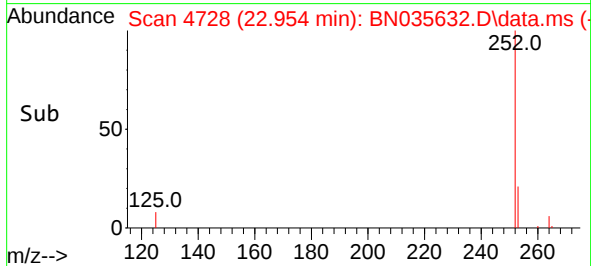
Instrument :
BNA_N
ClientSampleId :
E28S1



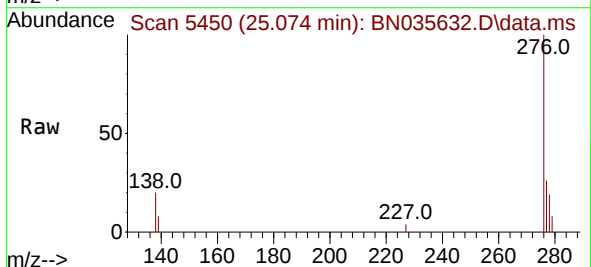
Tgt Ion:252 Resp: 42589
Ion Ratio Lower Upper
252 100
253 25.7 24.1 36.1
125 14.5 19.1 28.7

Manual Integrations
APPROVED

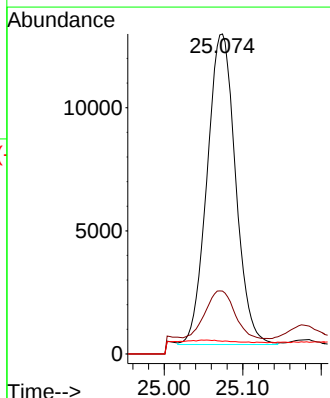
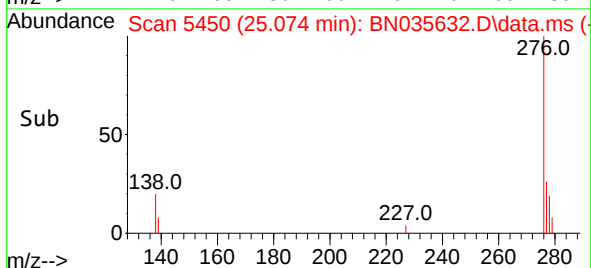
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

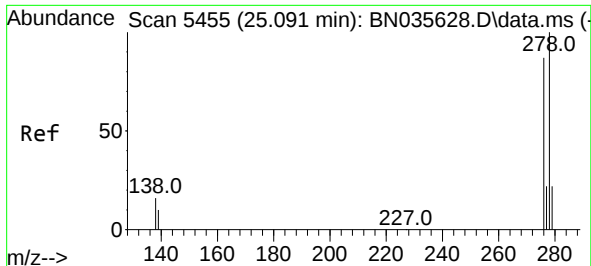


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.071 ng/ul m
RT: 25.074 min Scan# 5450
Delta R.T. -0.007 min
Lab File: BN035632.D
Acq: 17 Dec 2024 00:48



Tgt Ion:276 Resp: 31777
Ion Ratio Lower Upper
276 100
138 19.8 14.7 22.1
227 0.0 21.6 32.4





#28

Dibenzo(a,h)anthracene

Concen: 0.311 ng/ul m

RT: 25.081 min Scan# 5455

Delta R.T. -0.020 min

Lab File: BN035632.D

Acq: 17 Dec 2024 00:48

Instrument :

BNA_N

ClientSampleId :

E28S1

Tgt Ion:278 Resp: 705

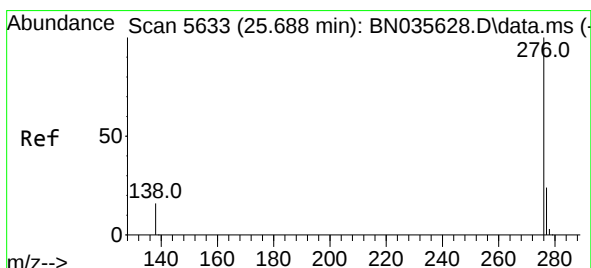
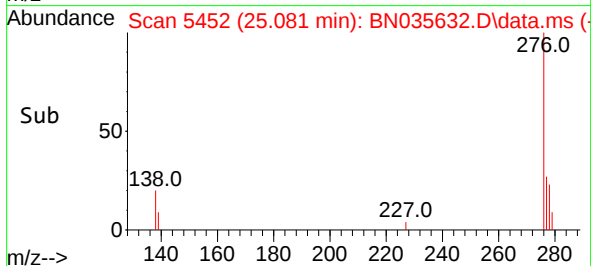
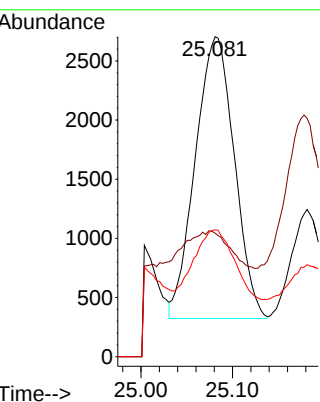
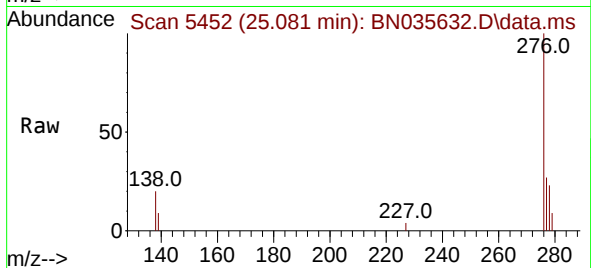
Ion	Ratio	Lower	Upper
278	100		
139	38.6	19.8	29.8
279	39.6	24.0	36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/21/2024



#29

Benzo(g,h,i)perylene

Concen: 1.451 ng/ul

RT: 25.688 min Scan# 5633

Delta R.T. -0.010 min

Lab File: BN035632.D

Acq: 17 Dec 2024 00:48

Tgt Ion:276 Resp: 34548

Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.6	29.4
277	25.2	21.6	32.4

