

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035641.D
 Acq On : 17 Dec 2024 06:12
 Operator : RC/JU
 Sample : P5232-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28T3

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 06:41:13 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	2986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	9263	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	6548	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	13069	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.967	240	9966	0.400	ng/ul	# 0.00
23) Perylene-d12	23.074	264	10622	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	6297	2.379	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2065	0.157	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	5092	0.175	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	63746	2.806	ng/ul	96
7) 2-Methylnaphthalene	11.708	142	25140	1.644	ng/ul	98
8) 1-Methylnaphthalene	11.934	142	8612	0.543	ng/ul	99
10) Acenaphthylene	13.657	152	18554	0.731	ng/ul	98
11) Acenaphthene	14.009	153	4106	0.214	ng/ul	98
12) Fluorene	15.013	166	26028	1.166	ng/ul#	98
14) Pentachlorophenol	16.380	266	80	0.024	ng/ul#	48
15) Phenanthrene	16.755	178	134167	4.102	ng/ul	99
16) Anthracene	16.848	178	123214	4.030	ng/ul	99
19) Fluoranthene	18.800	202	210112	5.895	ng/ul	97
20) Pyrene	19.172	202	176618	4.498	ng/ul	96
21) Benzo(a)anthracene	20.953	228	134270	4.062	ng/ul#	91
22) Chrysene	21.002	228	171771	5.008	ng/ul#	93
24) Benzo(b)fluoranthene	22.457	252	259875m	8.302	ng/ul	
25) Benzo(k)fluoranthene	22.492	252	97067m	2.804	ng/ul	
26) Benzo(a)pyrene	22.981	252	93380	3.080	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.121	276	118067m	3.199	ng/ul	
28) Dibenzo(a,h)anthracene	25.131	278	37372m	1.326	ng/ul	
29) Benzo(g,h,i)perylene	25.742	276	24868	0.840	ng/ul#	52

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

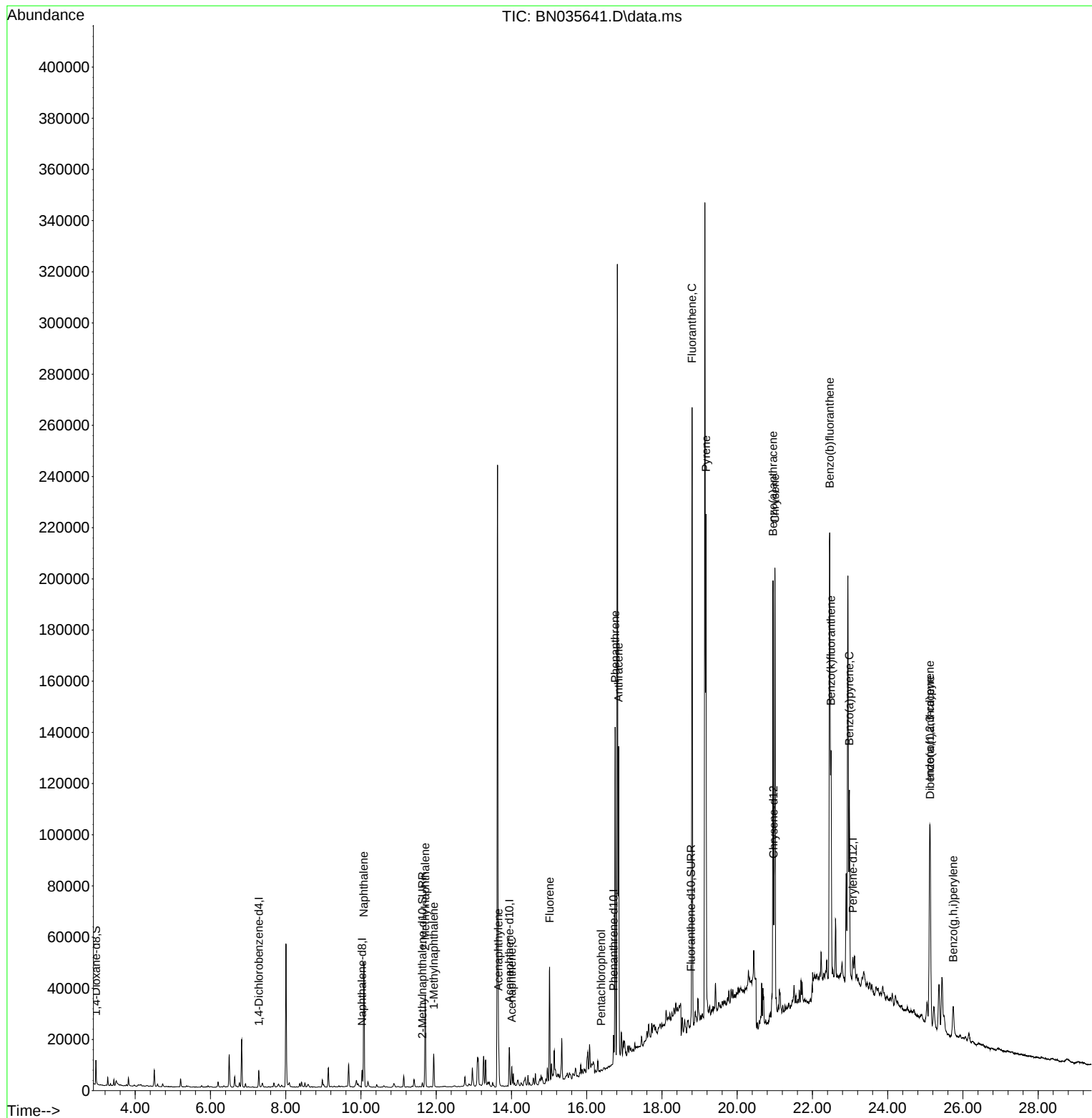
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035641.D
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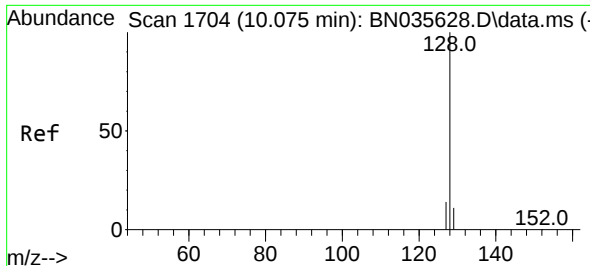
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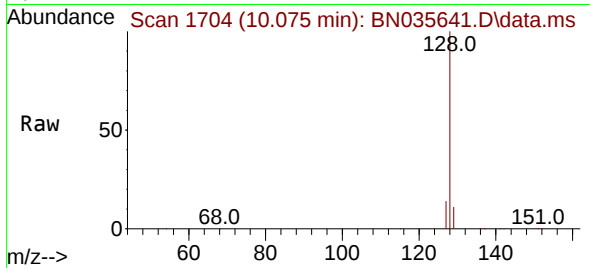
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024





#5
Naphthalene
Concen: 2.806 ng/ul
RT: 10.075 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

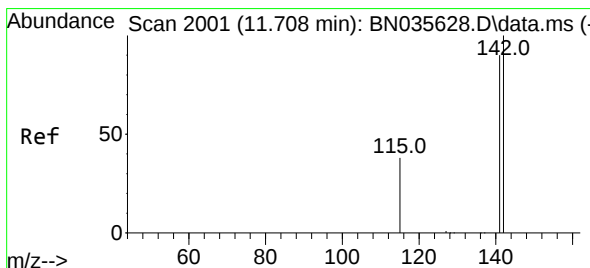
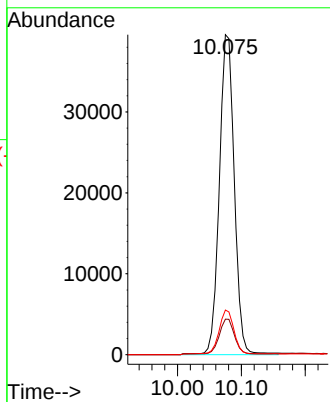
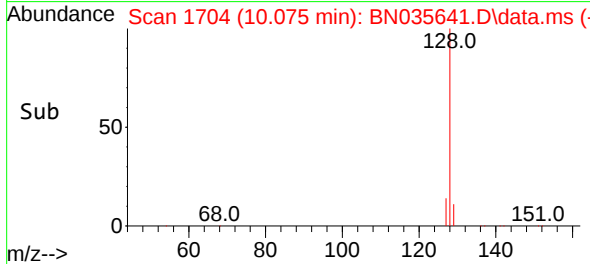
Instrument :
BNA_N
ClientSampleId :
E28T3



Tgt Ion:128 Resp: 63740
Ion Ratio Lower Upper
128 100
129 11.1 10.8 16.2
127 13.9 12.0 18.0

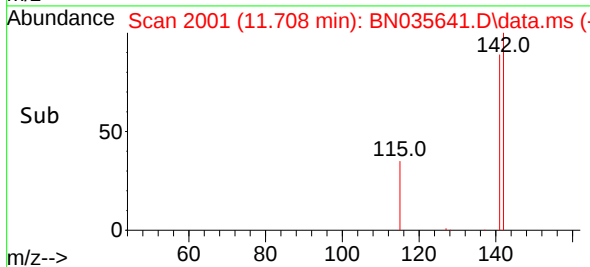
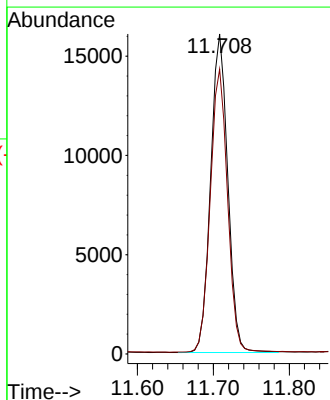
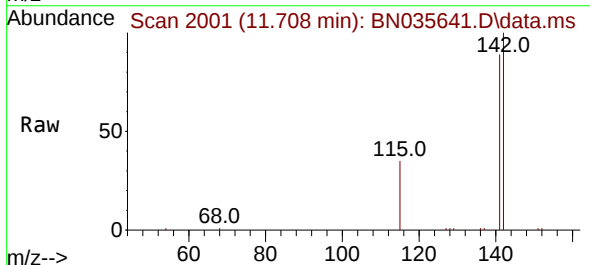
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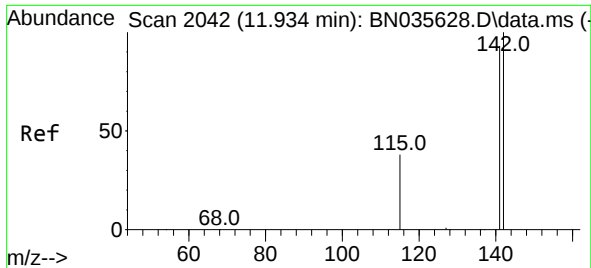
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 1.644 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

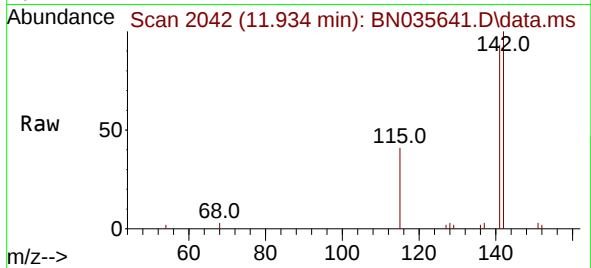
Tgt Ion:142 Resp: 25140
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.543 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

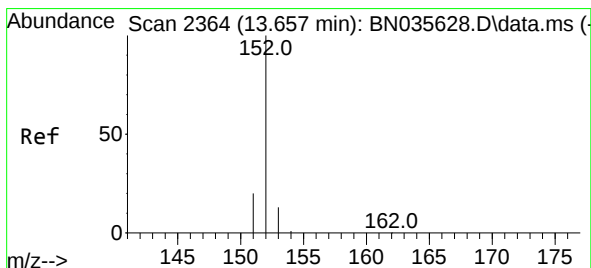
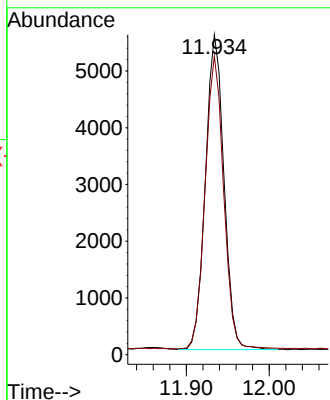
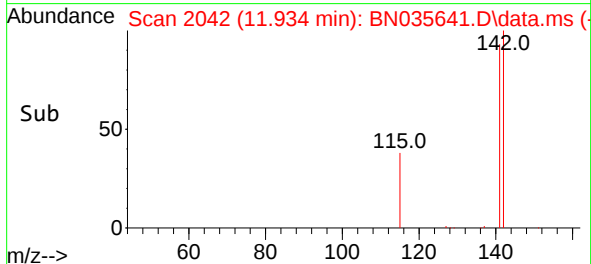
Instrument :
BNA_N
ClientSampleId :
E28T3



Tgt Ion:142 Resp: 861
Ion Ratio Lower Upper
142 100
141 92.7 74.7 112.1

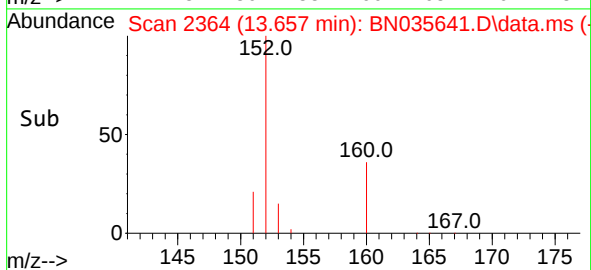
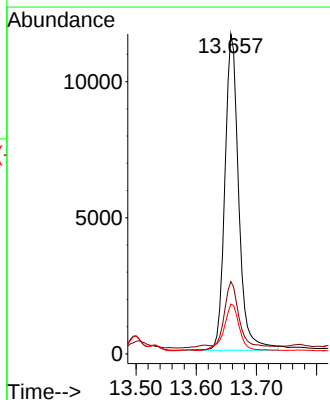
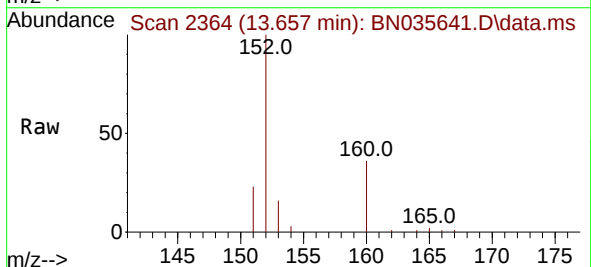
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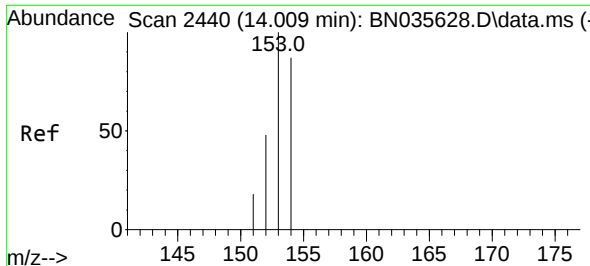
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.731 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.004 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

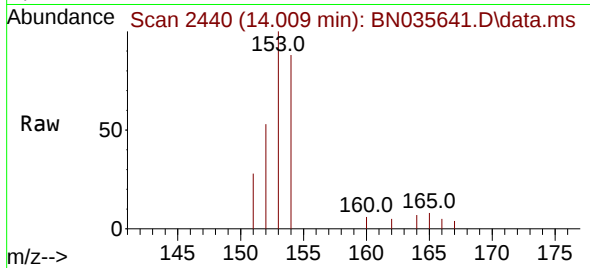
Tgt Ion:152 Resp: 18554
Ion Ratio Lower Upper
152 100
151 22.6 17.6 26.4
153 15.6 11.4 17.2





#11
Acenaphthene
Concen: 0.214 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

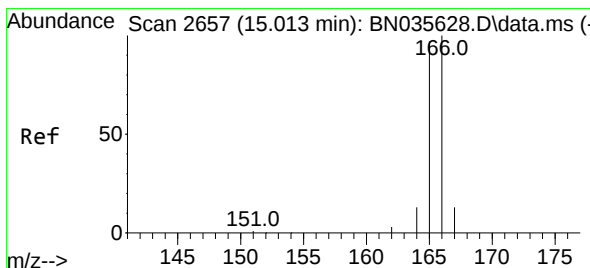
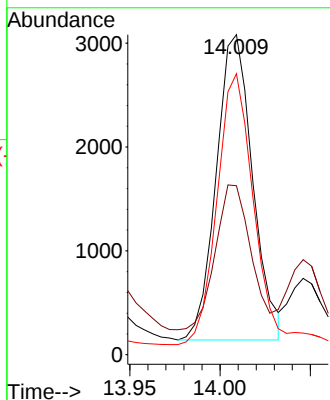
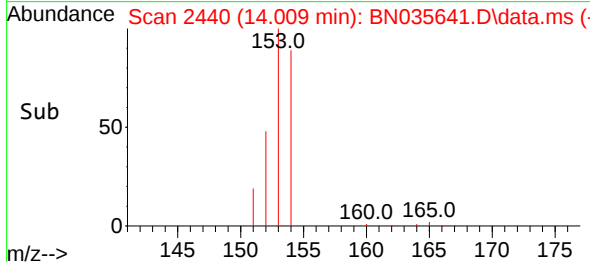
Instrument :
BNA_N
ClientSampleId :
E28T3



Tgt Ion:153 Resp: 4100
Ion Ratio Lower Upper
153 100
152 52.8 39.8 59.6
154 87.8 69.8 104.8

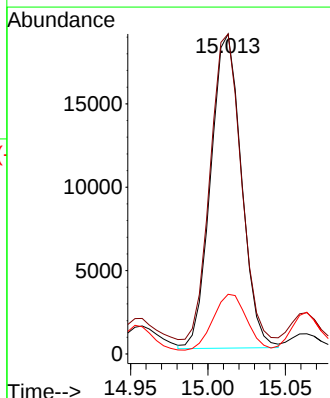
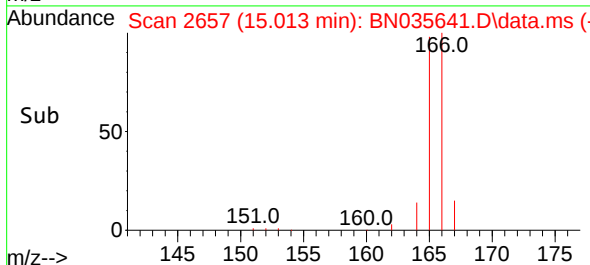
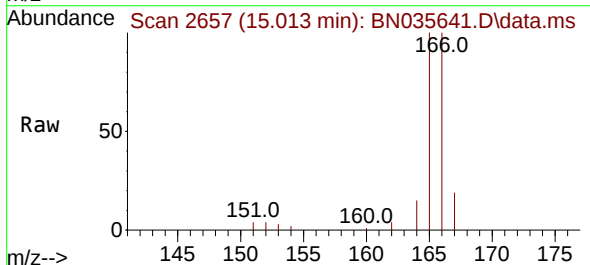
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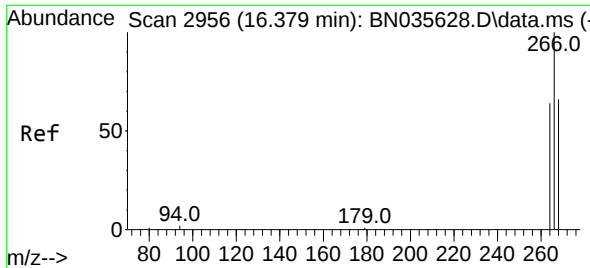
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#12
Fluorene
Concen: 1.166 ng/ul
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

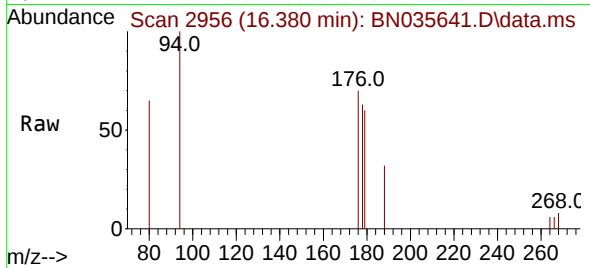
Tgt Ion:166 Resp: 26028
Ion Ratio Lower Upper
166 100
165 100.0 79.5 119.3
167 18.7 11.8 17.8#





#14
 Pentachlorophenol
 Concen: 0.024 ng/ul
 RT: 16.380 min Scan# 2956
 Delta R.T. 0.000 min
 Lab File: BN035641.D
 Acq: 17 Dec 2024 06:12

Instrument :
 BNA_N
 ClientSampleId :
 E28T3

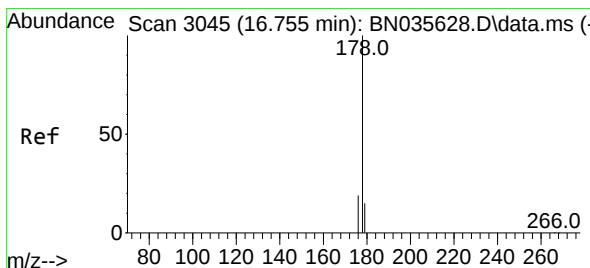
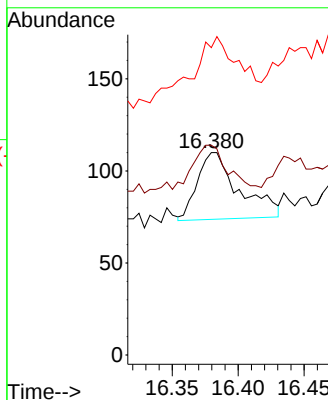
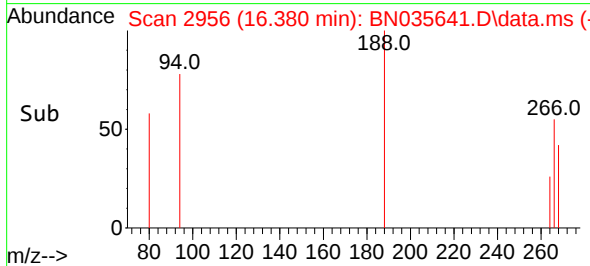


Tgt Ion: 266 Resp: 80

Ion	Ratio	Lower	Upper
266	100		
264	53.8	49.9	74.9
268	137.5	52.8	79.2

Manual Integrations
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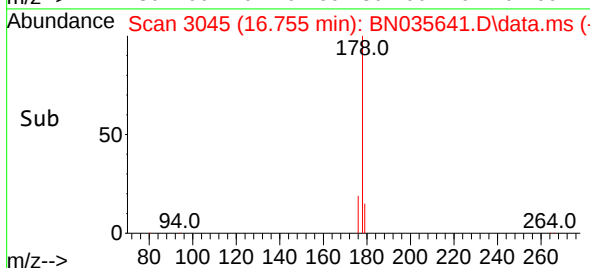
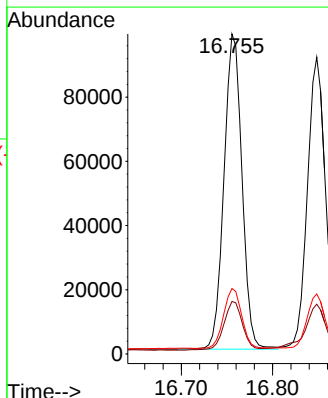
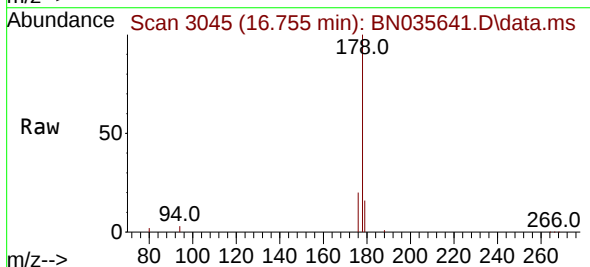
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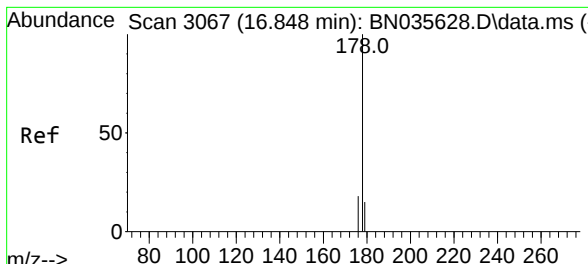


#15
 Phenanthrene
 Concen: 4.102 ng/ul
 RT: 16.755 min Scan# 3045
 Delta R.T. -0.004 min
 Lab File: BN035641.D
 Acq: 17 Dec 2024 06:12

Tgt Ion: 178 Resp: 134167

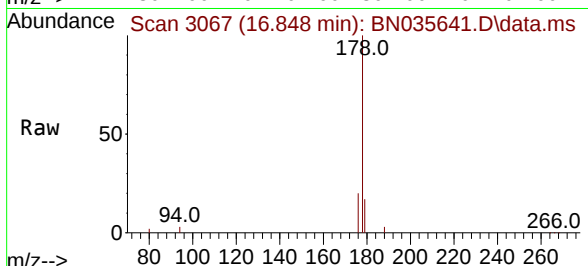
Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.3	19.9
176	20.5	15.8	23.8





#16
 Anthracene
 Concen: 4.030 ng/ul
 RT: 16.848 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BN035641.D
 Acq: 17 Dec 2024 06:12

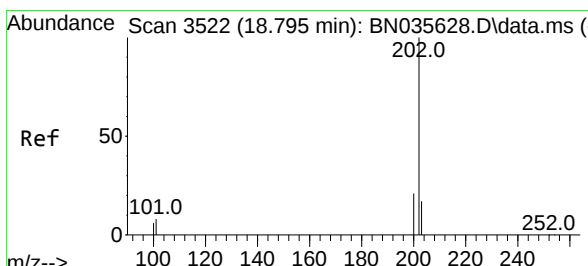
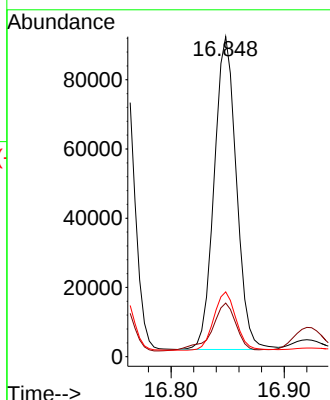
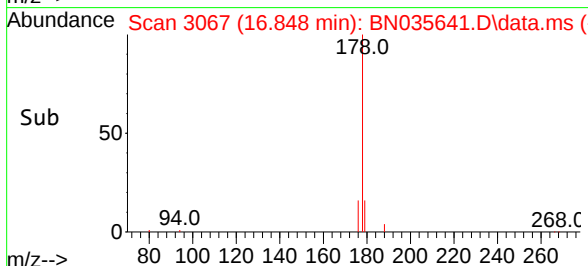
Instrument :
 BNA_N
 ClientSampleId :
 E28T3



Tgt Ion:178 Resp: 123214
 Ion Ratio Lower Upper
 178 100
 179 16.8 13.4 20.0
 176 20.2 15.4 23.0

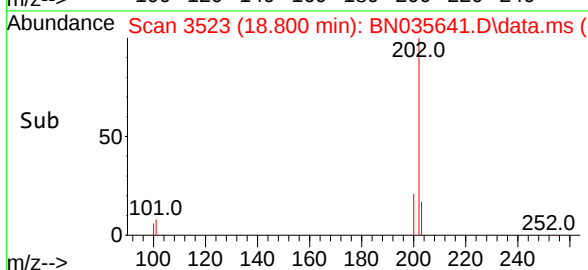
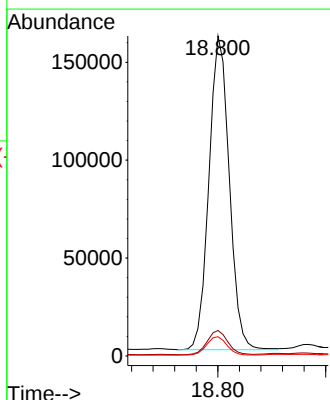
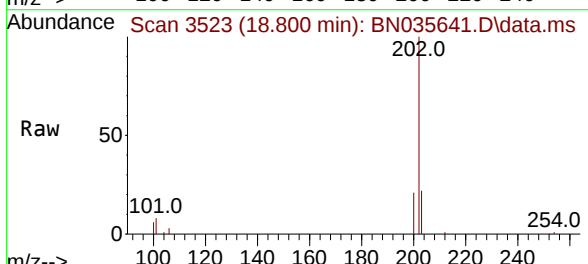
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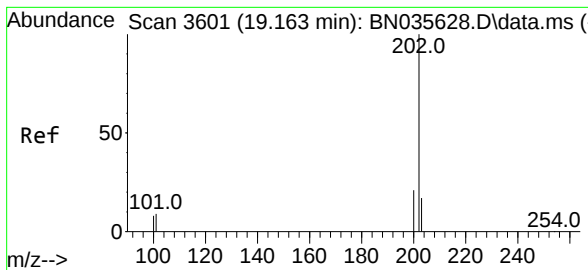
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024



#19
 Fluoranthene
 Concen: 5.895 ng/ul
 RT: 18.800 min Scan# 3523
 Delta R.T. 0.000 min
 Lab File: BN035641.D
 Acq: 17 Dec 2024 06:12

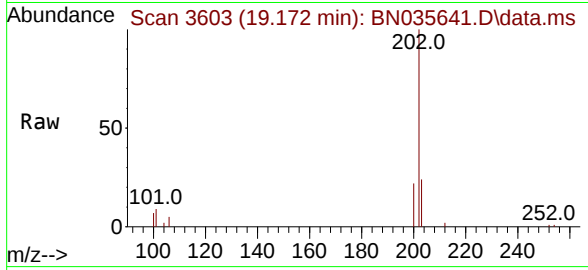
Tgt Ion:202 Resp: 210112
 Ion Ratio Lower Upper
 202 100
 101 7.9 7.3 10.9
 100 6.0 5.4 8.0





#20
Pyrene
Concen: 4.498 ng/u1
RT: 19.172 min Scan# 3603
Delta R.T. 0.005 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

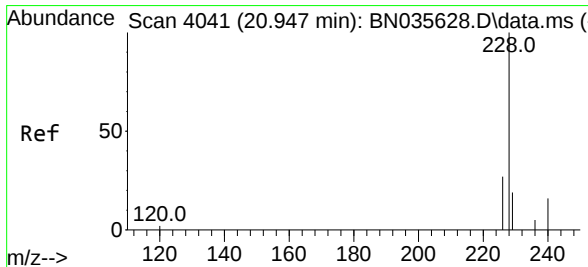
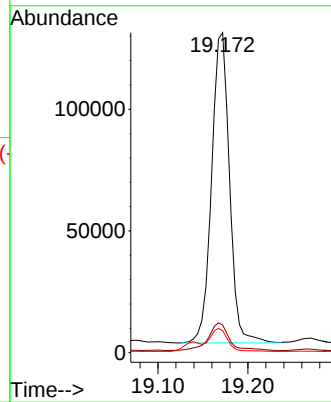
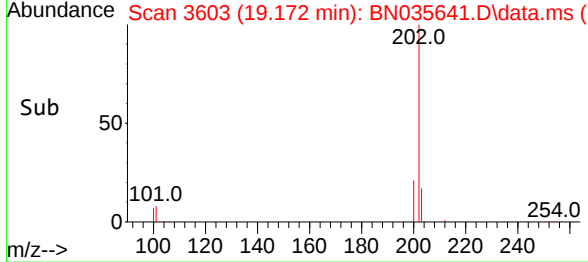
Instrument :
BNA_N
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E28T3



Tgt Ion:202 Resp: 176618
Ion Ratio Lower Upper
202 100
101 8.6 8.5 12.7
100 6.9 6.5 9.7

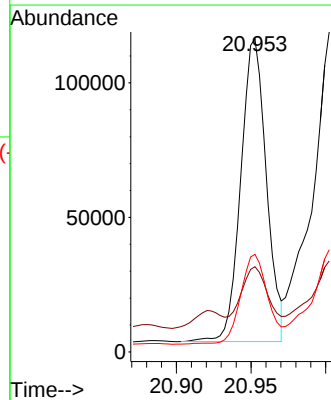
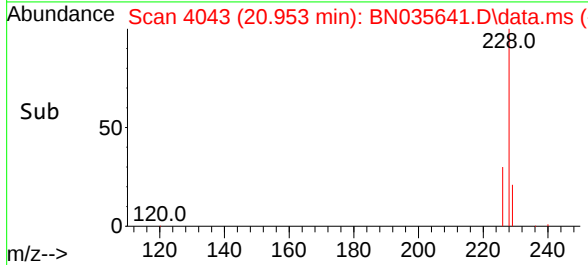
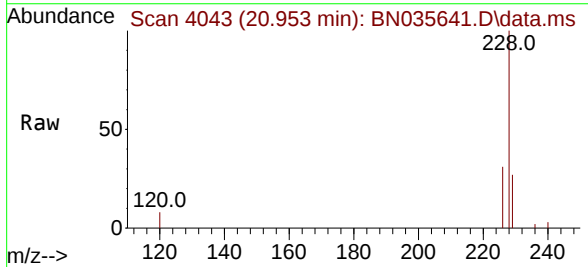
Manual Integrations
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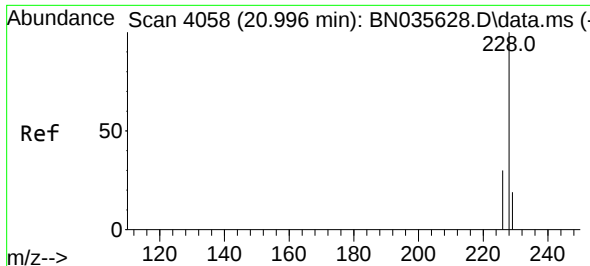
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#21
Benzo(a)anthracene
Concen: 4.062 ng/u1
RT: 20.953 min Scan# 4043
Delta R.T. 0.003 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

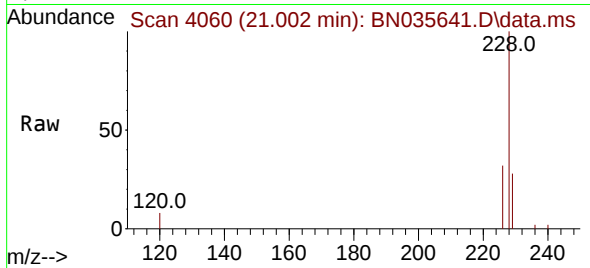
Tgt Ion:228 Resp: 134270
Ion Ratio Lower Upper
228 100
229 27.2 16.6 25.0#
226 31.2 22.5 33.7





#22
Chrysene
Concen: 5.008 ng/ul
RT: 21.002 min Scan# 4060
Delta R.T. 0.003 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

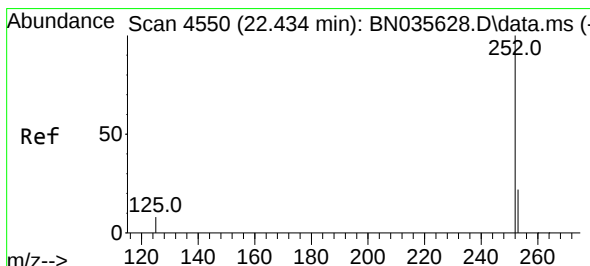
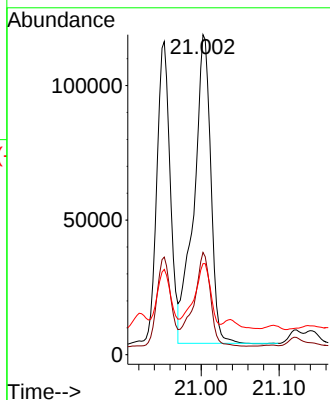
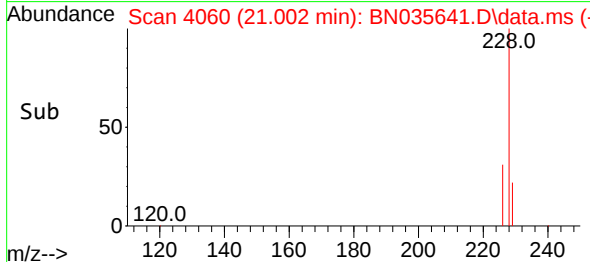
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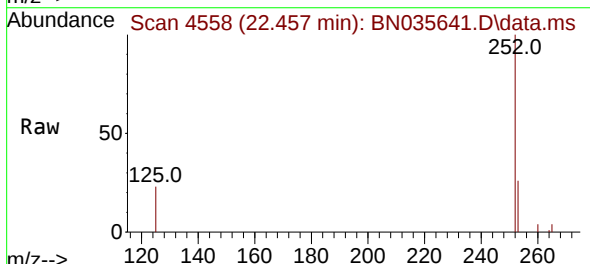
Tgt Ion:228 Resp: 17177
Ion Ratio Lower Upper
228 100
226 31.9 25.1 37.7
229 28.5 16.6 24.8

Manual Integrations
APPROVED

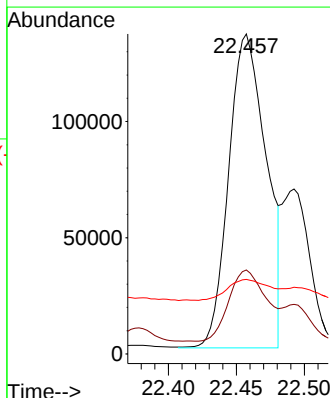
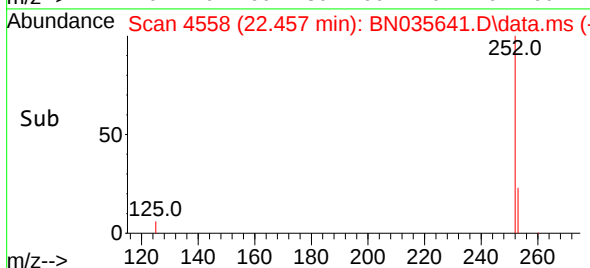
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

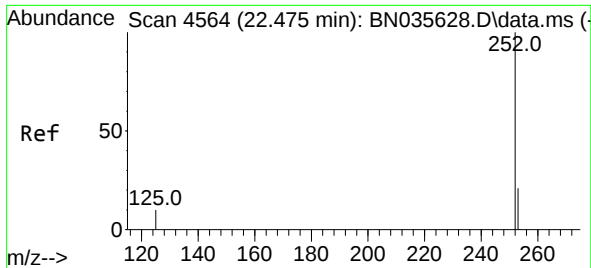


#24
Benzo(b)fluoranthene
Concen: 8.302 ng/ul m
RT: 22.457 min Scan# 4558
Delta R.T. 0.015 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12



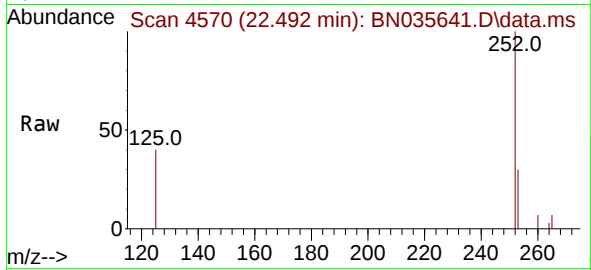
Tgt Ion:252 Resp: 259875
Ion Ratio Lower Upper
252 100
253 26.3 0.0 56.4
125 23.3 0.0 37.6





#25
Benzo(k)fluoranthene
Concen: 2.804 ng/ul m
RT: 22.492 min Scan# 4564
Delta R.T. 0.012 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

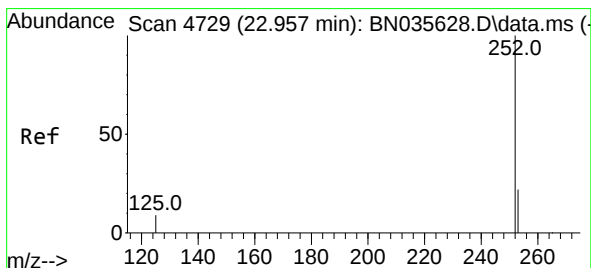
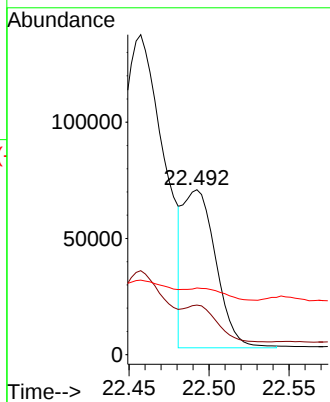
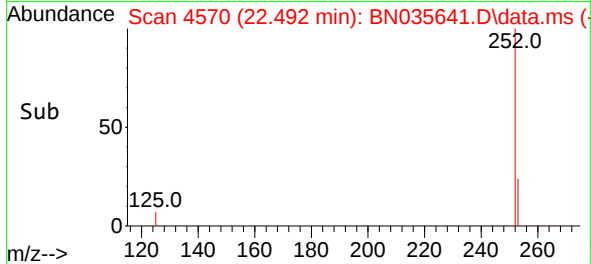
Instrument :
BNA_N
ClientSampleId :
E28T3



Tgt Ion:252 Resp: 97061
Ion Ratio Lower Upper
252 100
253 30.1 22.1 33.1
125 40.5 15.3 22.9

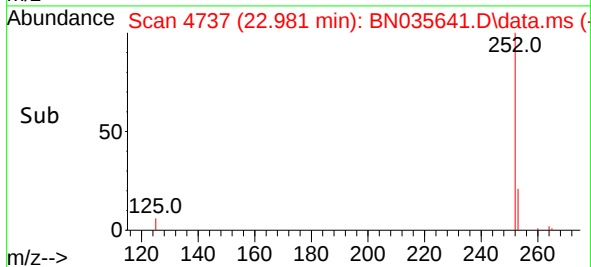
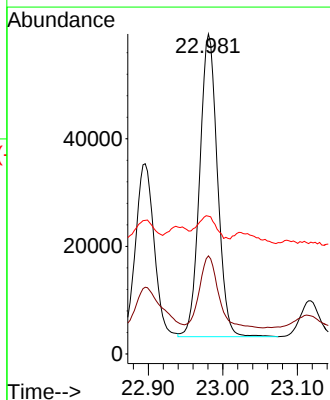
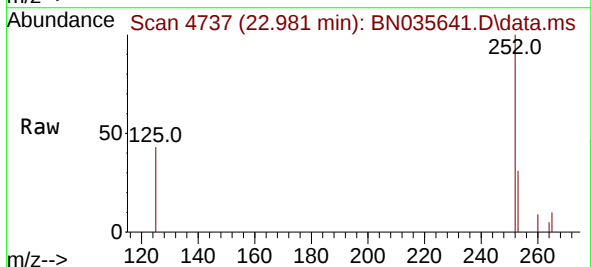
Manual Integrations
APPROVED

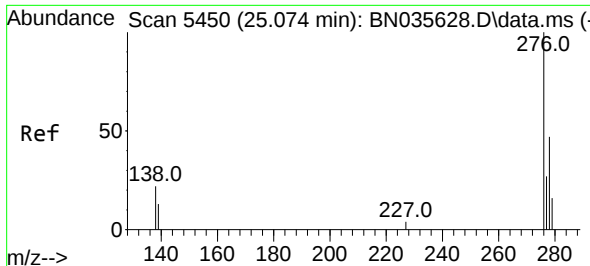
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#26
Benzo(a)pyrene
Concen: 3.080 ng/ul
RT: 22.981 min Scan# 4737
Delta R.T. 0.018 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

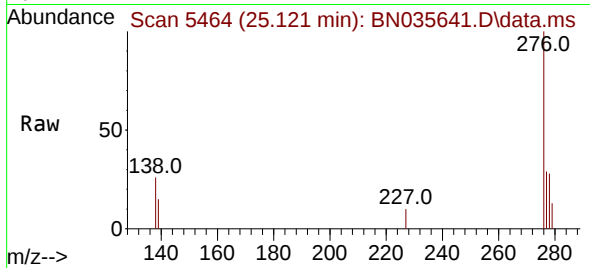
Tgt Ion:252 Resp: 93380
Ion Ratio Lower Upper
252 100
253 30.6 24.1 36.1
125 43.0 19.1 28.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 3.199 ng/ul m
RT: 25.121 min Scan# 5450
Delta R.T. 0.040 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

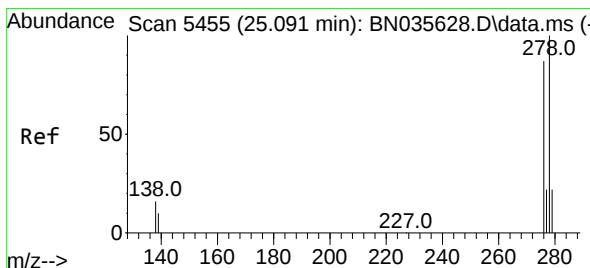
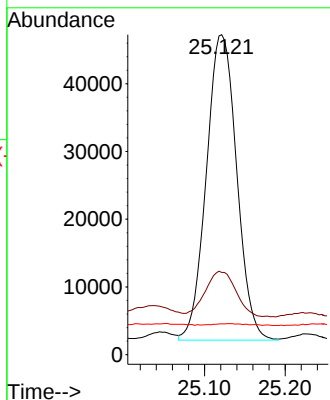
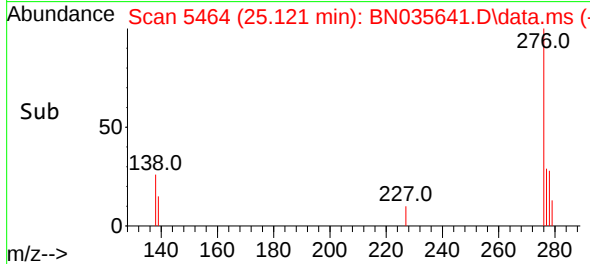
Instrument :
BNA_N
ClientSampleId :
E28T3



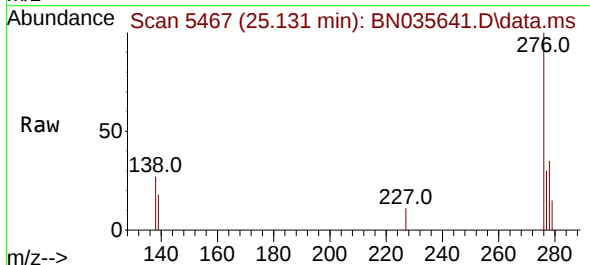
Tgt Ion:276 Resp: 11806
Ion Ratio Lower Upper
276 100
138 35.4 14.7 22.1#
227 0.0 21.6 32.4#

Manual Integrations
APPROVED

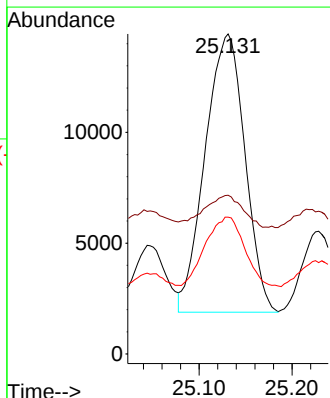
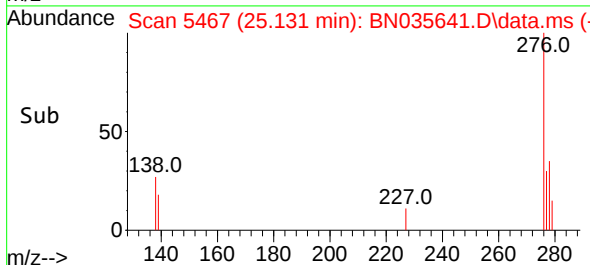
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

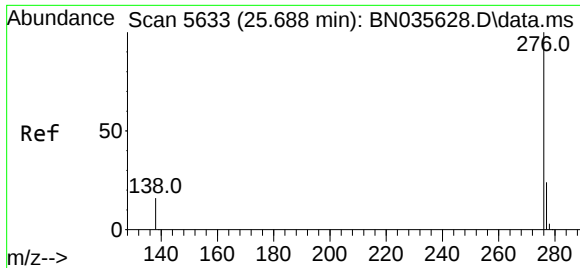


#28
Dibenzo(a,h)anthracene
Concen: 1.326 ng/ul m
RT: 25.131 min Scan# 5467
Delta R.T. 0.030 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12



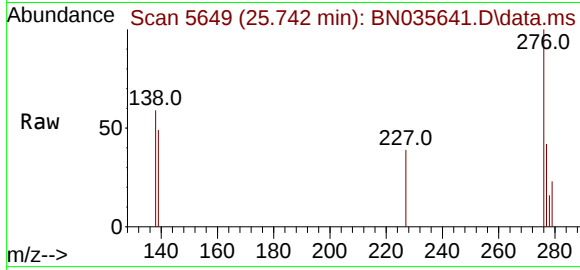
Tgt Ion:278 Resp: 37372
Ion Ratio Lower Upper
278 100
139 49.6 19.8 29.8#
279 42.8 24.0 36.0#





#29
Benzo(g,h,i)perylene
Concen: 0.840 ng/ul
RT: 25.742 min Scan# 5649
Delta R.T. 0.044 min
Lab File: BN035641.D
Acq: 17 Dec 2024 06:12

Instrument :
BNA_N
ClientSampleId :
E28T3



Tgt Ion:276 Resp: 2486
Ion Ratio Lower Upper
276 100
138 59.0 19.6 29.4
277 41.9 21.6 32.4

Manual Integrations
APPROVED

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

