

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035633.D
 Acq On : 17 Dec 2024 01:24
 Operator : RC/JU
 Sample : P5232-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28T1

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 01:48:00 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	2388	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7083	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5057	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10614	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	8197	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	11403	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	7185	3.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2278	0.226	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5262	0.220	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	25394	1.462	ng/ul	97
7) 2-Methylnaphthalene	11.708	142	39729	3.397	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	12283	1.013	ng/ul	99
10) Acenaphthylene	13.657	152	15777	0.805	ng/ul	98
11) Acenaphthene	14.009	153	8806	0.595	ng/ul	99
12) Fluorene	15.013	166	5631	0.327	ng/ul#	94
14) Pentachlorophenol	16.380	266	60	0.022	ng/ul	93
15) Phenanthrene	16.755	178	122095	4.596	ng/ul	98
16) Anthracene	16.848	178	34336	1.383	ng/ul	99
19) Fluoranthene	18.800	202	457394	15.602	ng/ul	97
20) Pyrene	19.167	202	521510	16.147	ng/ul	96
21) Benzo(a)anthracene	20.944	228	469510	17.269	ng/ul	100
22) Chrysene	20.996	228	551038	19.534	ng/ul	97
24) Benzo(b)fluoranthene	22.440	252	989573m	29.449	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	372586m	10.024	ng/ul	
26) Benzo(a)pyrene	22.963	252	785415	24.133	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.081	276	629157	15.880	ng/ul#	69
28) Dibenzo(a,h)anthracene	25.091	278	157557	5.208	ng/ul#	88
29) Benzo(g,h,i)perylene	25.701	276	667270	20.987	ng/ul#	89

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

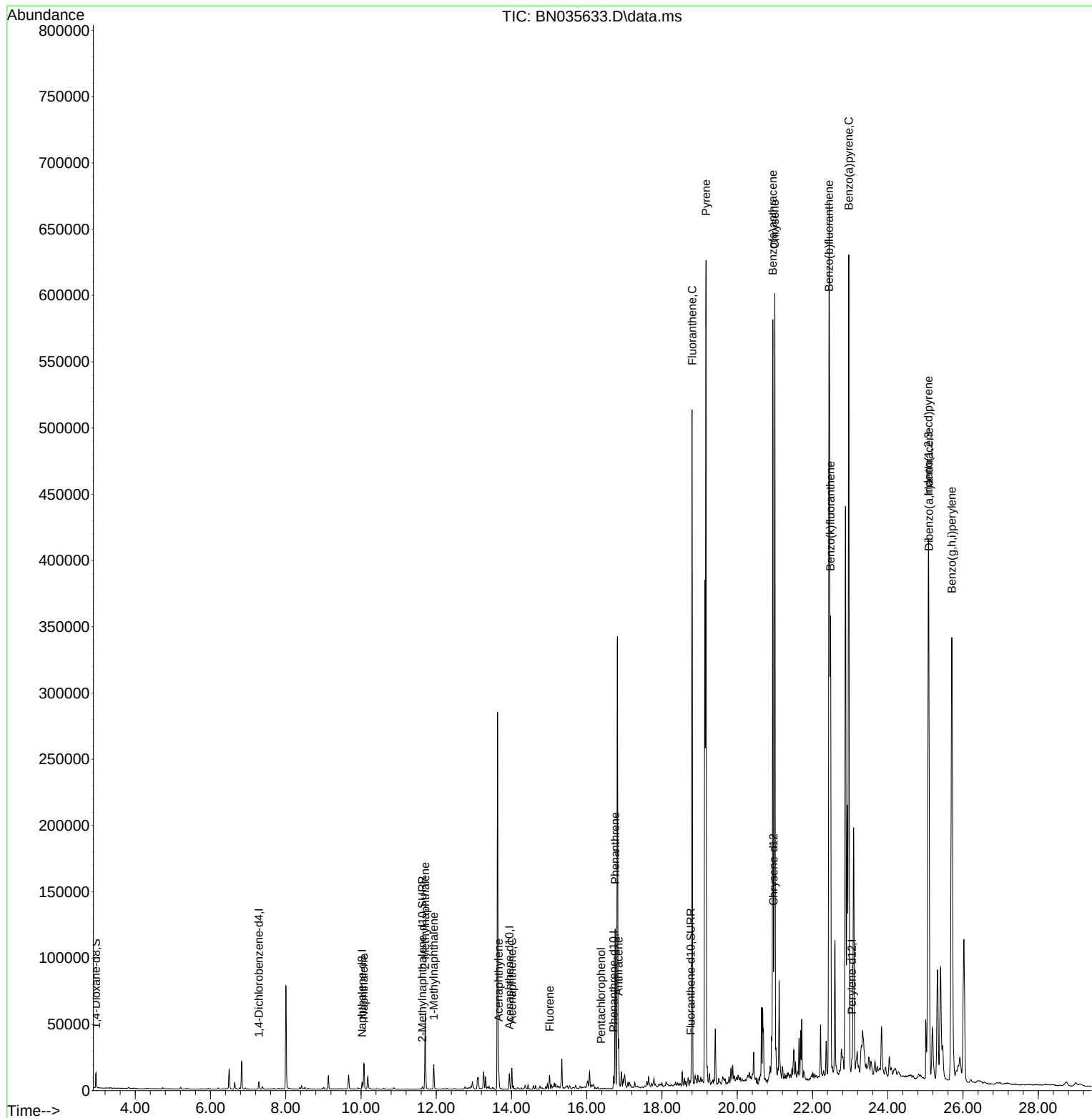
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035633.D
Acq On : 17 Dec 2024 01:24
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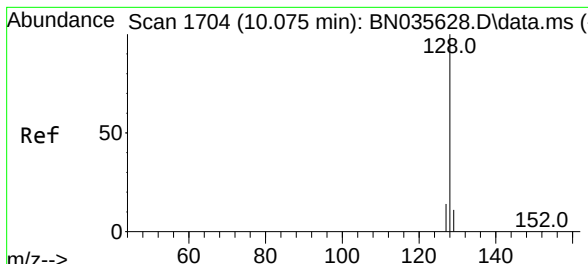
Instrument :
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Quant Time: Dec 17 01:48:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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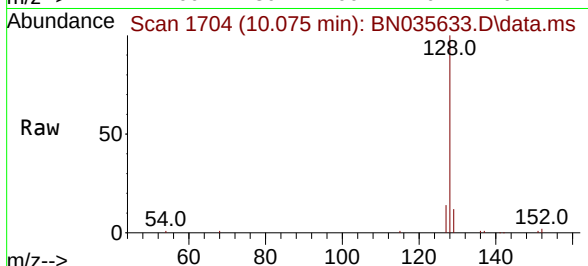
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024





#5
Naphthalene
Concen: 1.462 ng/ul
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

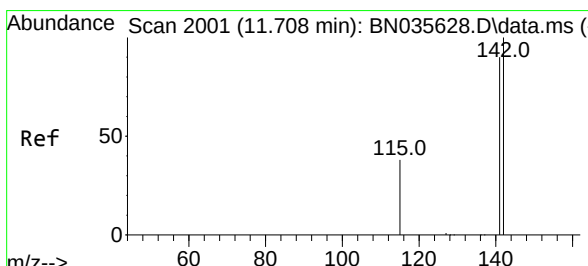
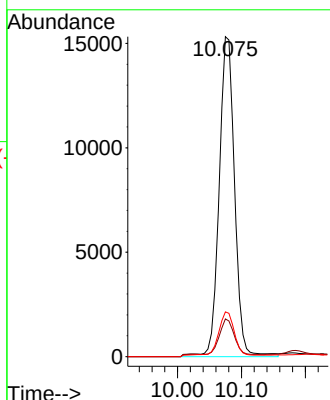
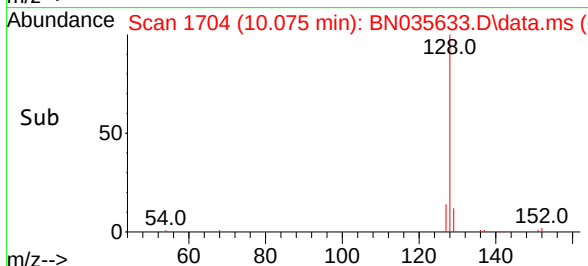
Instrument :
BNA_N
ClientSampleId :
E28T1



Tgt Ion:128 Resp: 25394
Ion Ratio Lower Upper
128 100
129 11.8 10.8 16.2
127 14.0 12.0 18.0

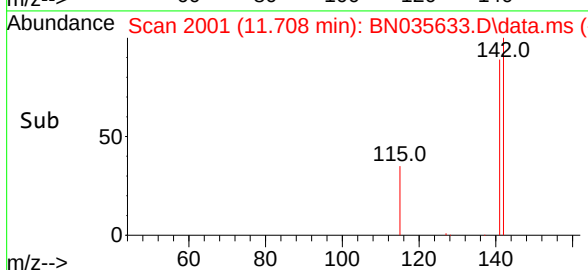
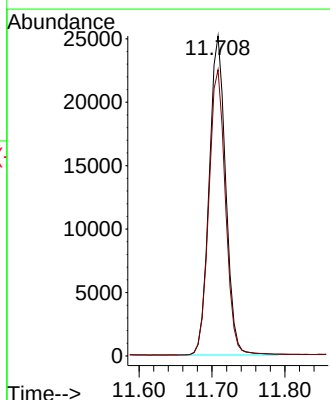
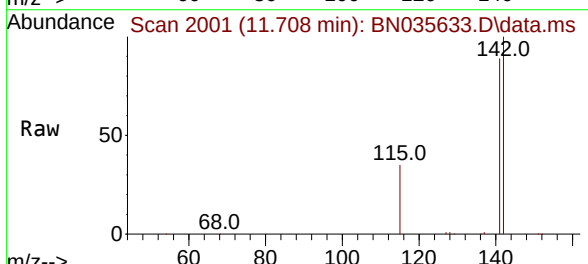
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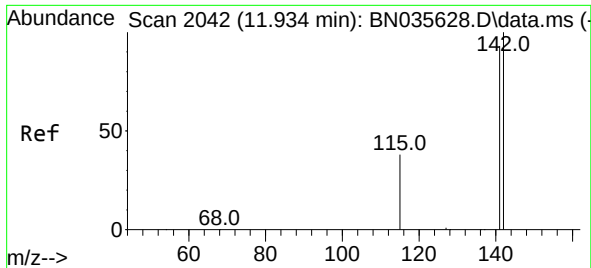
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 3.397 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

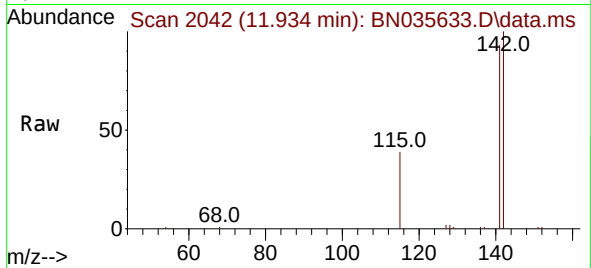
Tgt Ion:142 Resp: 39729
Ion Ratio Lower Upper
142 100
141 89.8 72.8 109.2





#8
1-Methylnaphthalene
Concen: 1.013 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

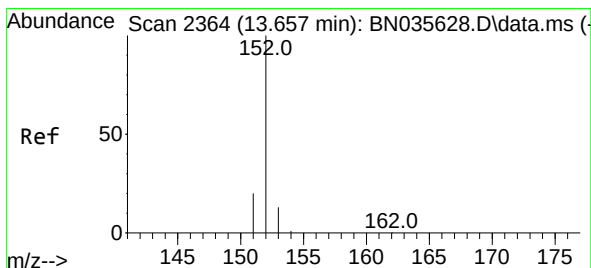
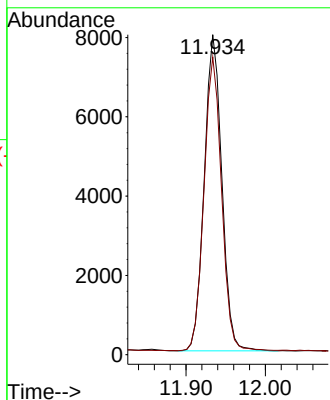
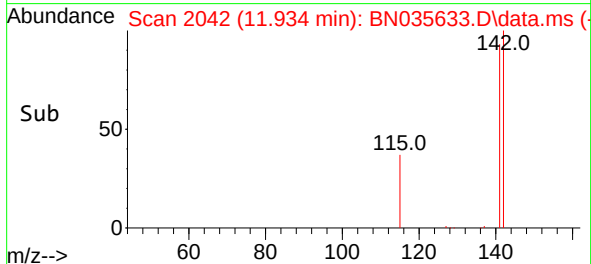
Instrument :
BNA_N
ClientSampleId :
E28T1



Tgt Ion:142 Resp: 1228
Ion Ratio Lower Upper
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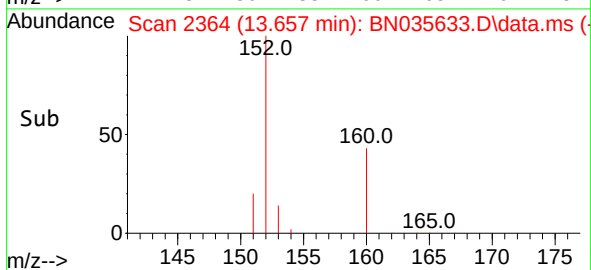
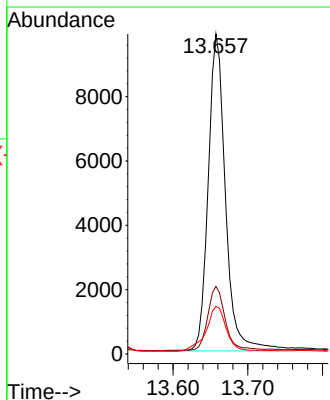
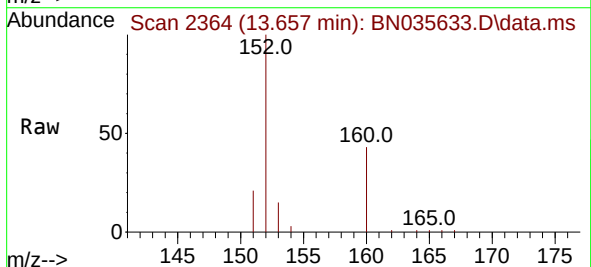
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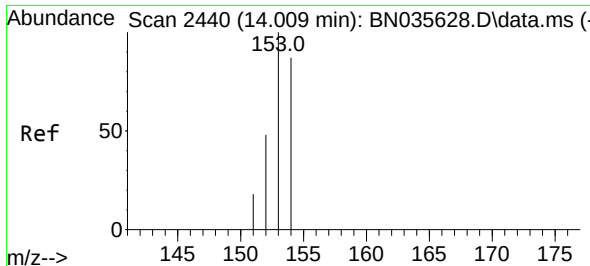
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.805 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

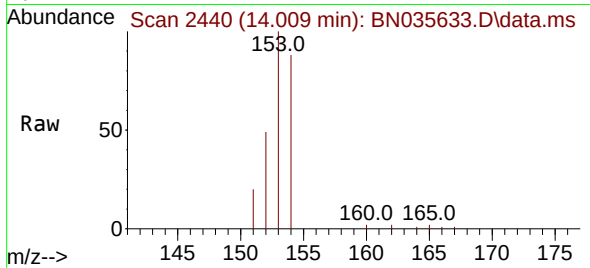
Tgt Ion:152 Resp: 15777
Ion Ratio Lower Upper
152 100
151 21.1 17.6 26.4
153 14.8 11.4 17.2





#11
Acenaphthene
Concen: 0.595 ng/u1
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

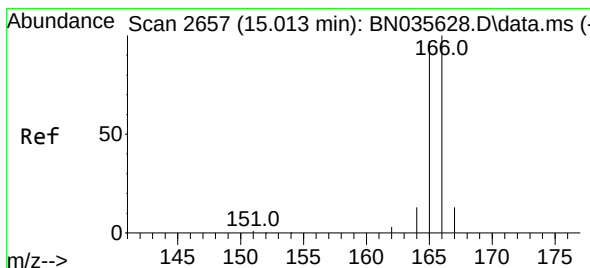
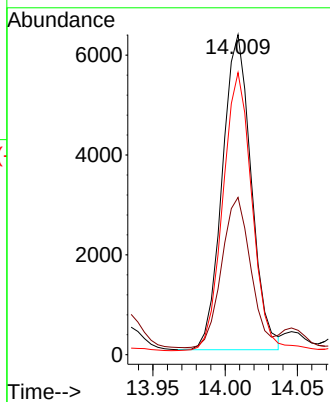
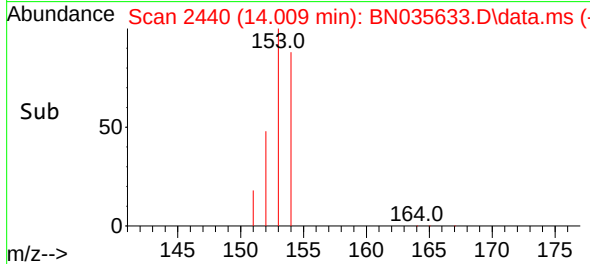
Instrument :
BNA_N
ClientSampleId :
E28T1



Tgt Ion:153 Resp: 8800
Ion Ratio Lower Upper
153 100
152 49.2 39.8 59.6
154 88.1 69.8 104.8

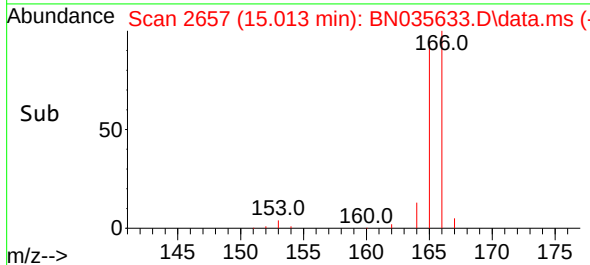
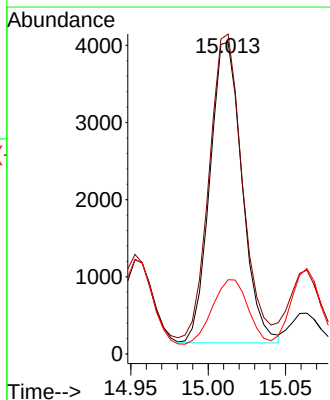
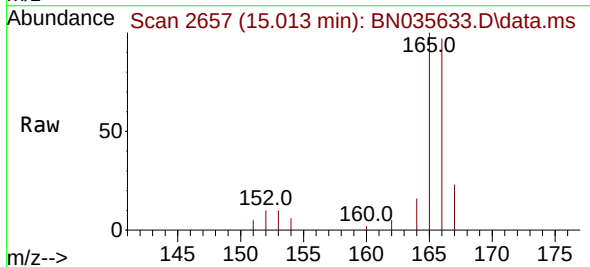
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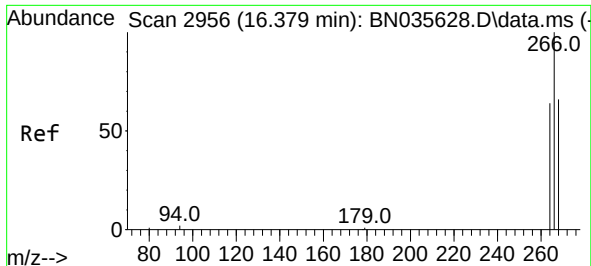
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#12
Fluorene
Concen: 0.327 ng/u1
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

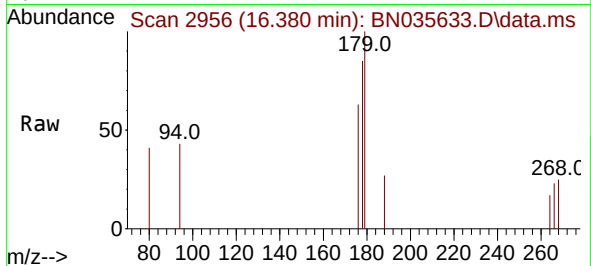
Tgt Ion:166 Resp: 5631
Ion Ratio Lower Upper
166 100
165 102.6 79.5 119.3
167 23.8 11.8 17.8#





#14
 Pentachlorophenol
 Concen: 0.022 ng/ul
 RT: 16.380 min Scan# 2956
 Delta R.T. 0.000 min
 Lab File: BN035633.D
 Acq: 17 Dec 2024 01:24

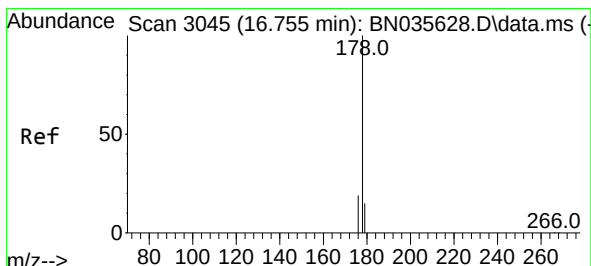
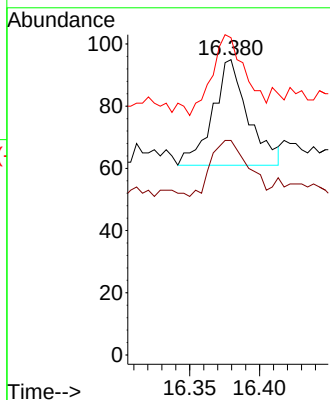
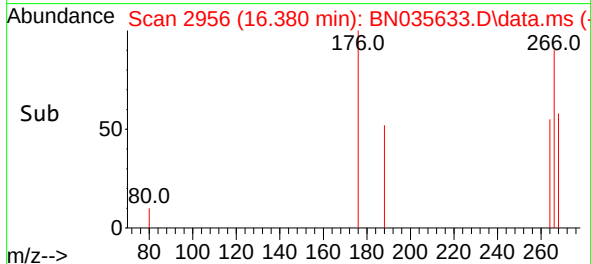
Instrument :
 BNA_N
 ClientSampleId :
 E28T1



Tgt Ion:266 Resp: 60000
 Ion Ratio Lower Upper
 266 100
 264 56.7 49.9 74.9
 268 71.7 52.8 79.2

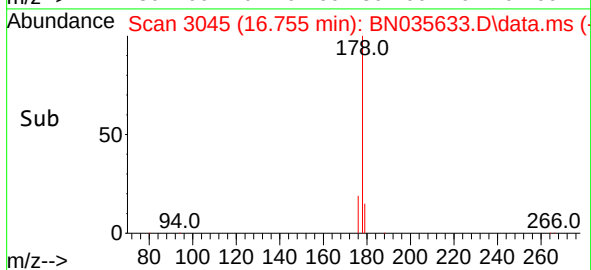
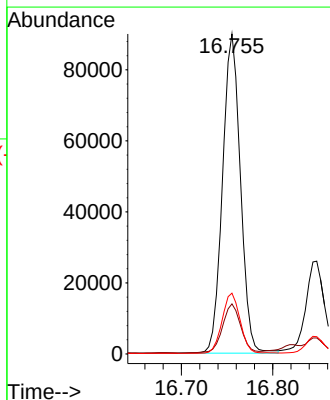
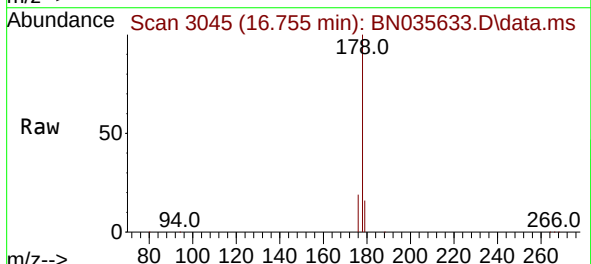
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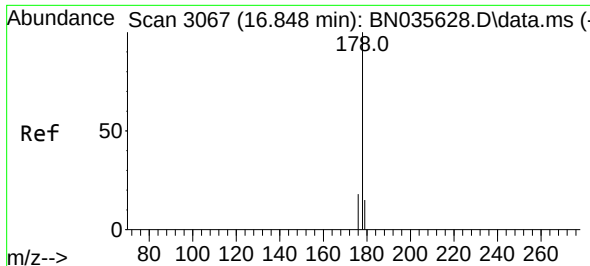
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024



#15
 Phenanthrene
 Concen: 4.596 ng/ul
 RT: 16.755 min Scan# 3045
 Delta R.T. -0.004 min
 Lab File: BN035633.D
 Acq: 17 Dec 2024 01:24

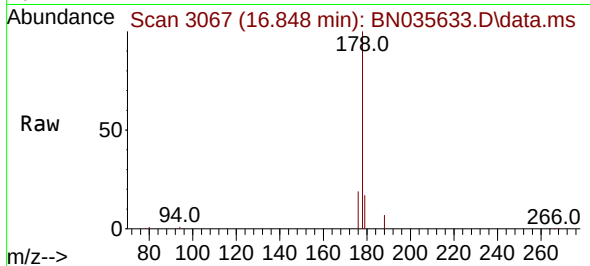
Tgt Ion:178 Resp: 122095
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.3 19.9
 176 19.0 15.8 23.8





#16
Anthracene
Concen: 1.383 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

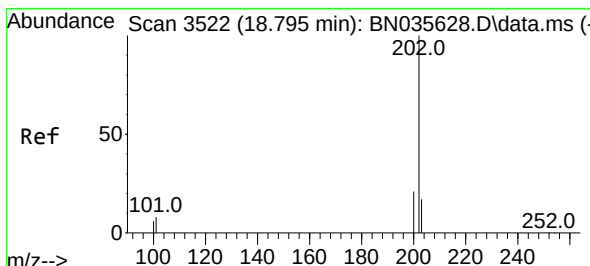
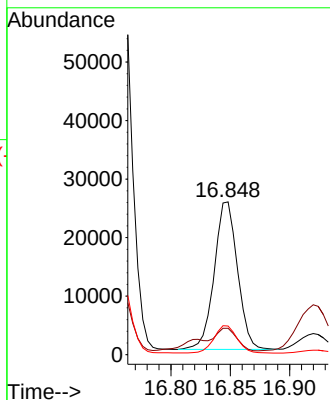
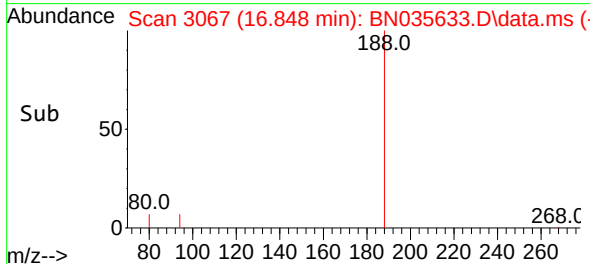
Instrument :
BNA_N
ClientSampleId :
E28T1



Tgt Ion:178 Resp: 34330
Ion Ratio Lower Upper
178 100
179 17.3 13.4 20.0
176 18.7 15.4 23.0

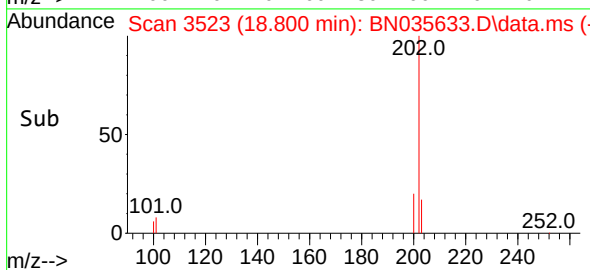
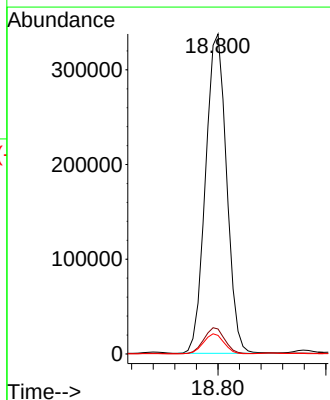
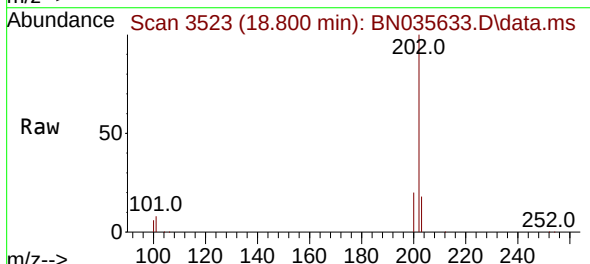
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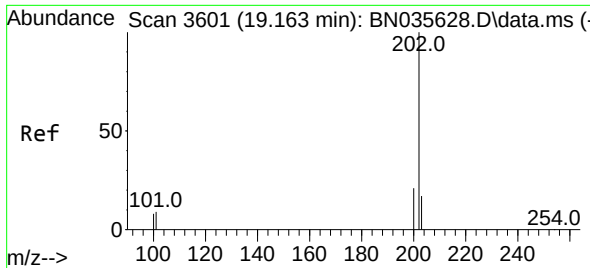
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#19
Fluoranthene
Concen: 15.602 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

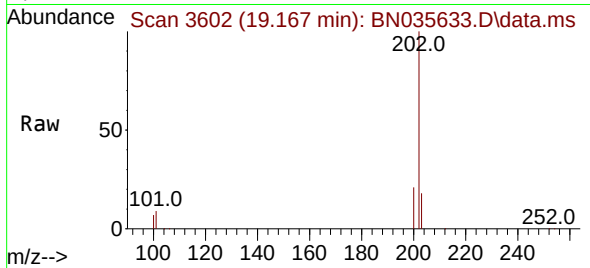
Tgt Ion:202 Resp: 457394
Ion Ratio Lower Upper
202 100
101 7.8 7.3 10.9
100 5.8 5.4 8.0





#20
Pyrene
Concen: 16.147 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

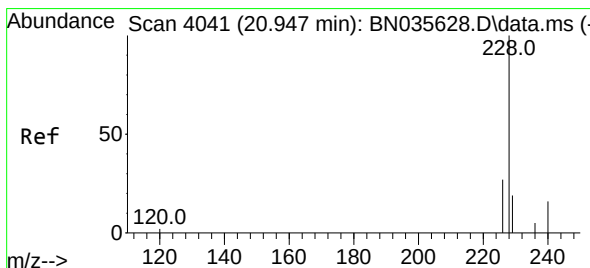
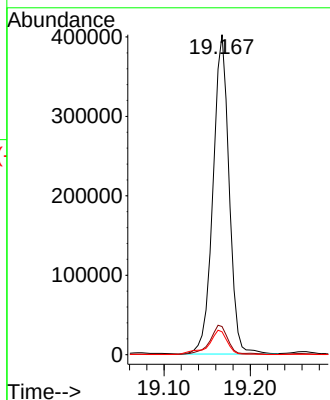
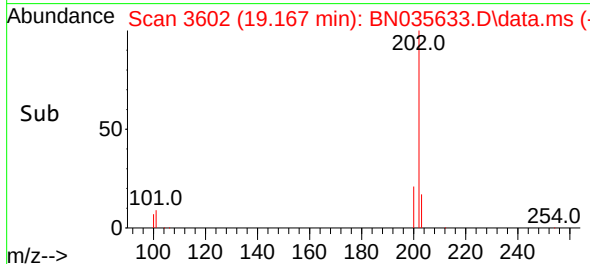
Instrument :
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Tgt Ion:202 Resp: 521510
Ion Ratio Lower Upper
202 100
101 8.8 8.5 12.7
100 7.1 6.5 9.7

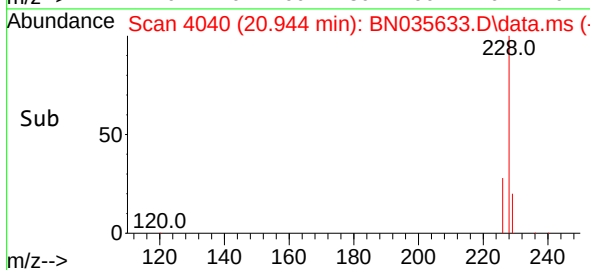
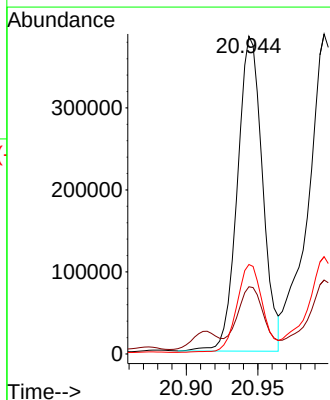
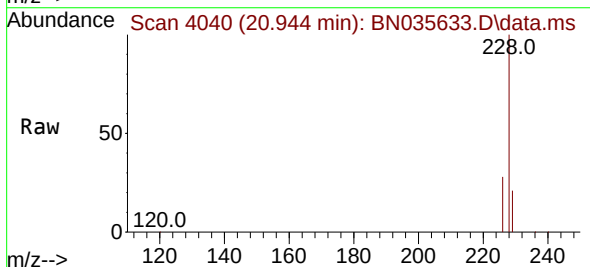
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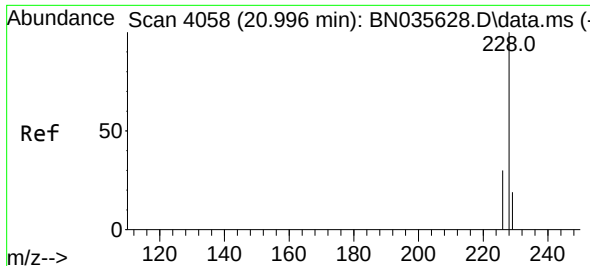
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#21
Benzo(a)anthracene
Concen: 17.269 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.006 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

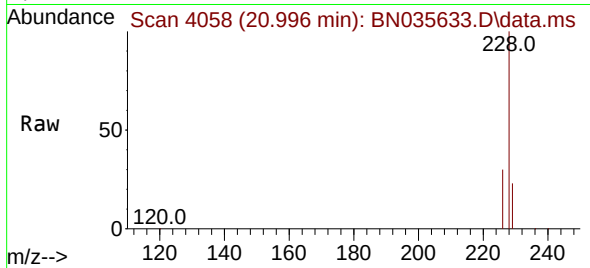
Tgt Ion:228 Resp: 469510
Ion Ratio Lower Upper
228 100
229 21.2 16.6 25.0
226 28.2 22.5 33.7





#22
Chrysene
Concen: 19.534 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

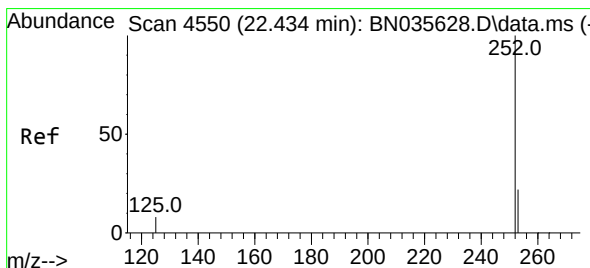
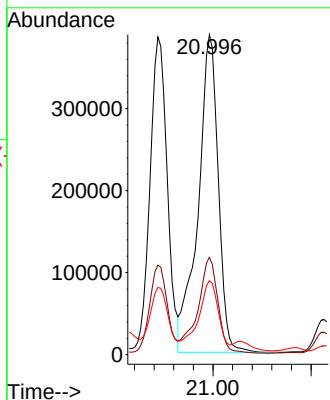
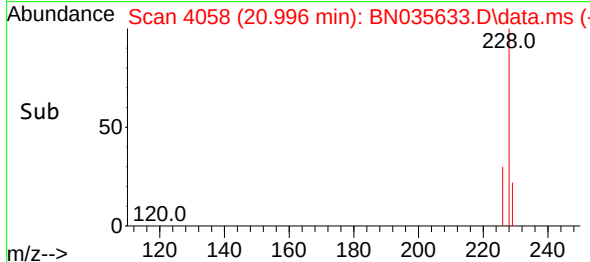
Instrument :
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ClientSampleId :
E28T1



Tgt Ion:228 Resp: 551038
Ion Ratio Lower Upper
228 100
226 30.4 25.1 37.7
229 23.1 16.6 24.8

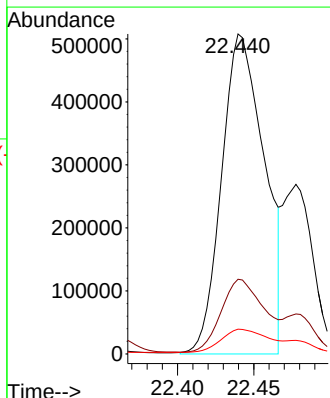
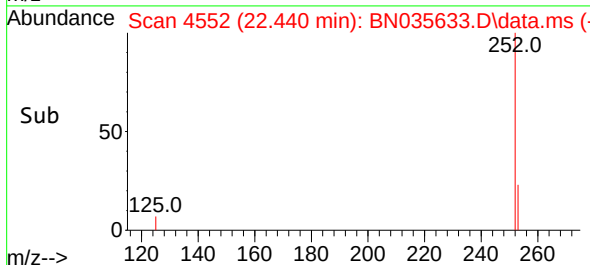
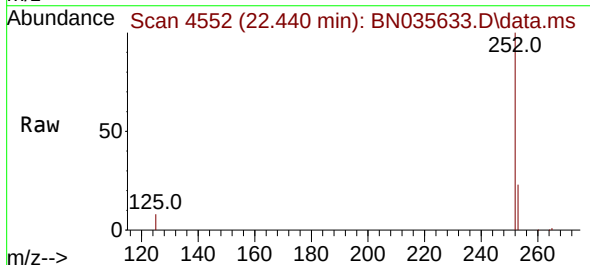
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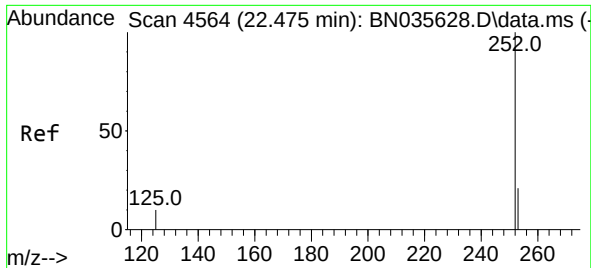
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#24
Benzo(b)fluoranthene
Concen: 29.449 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

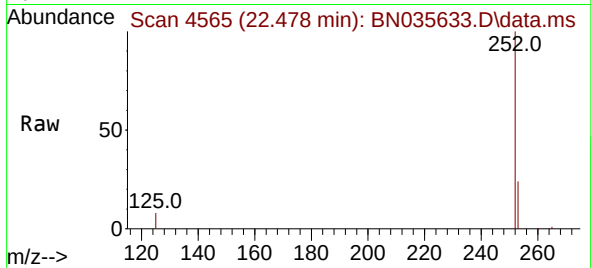
Tgt Ion:252 Resp: 989573
Ion Ratio Lower Upper
252 100
253 23.4 0.0 56.4
125 7.8 0.0 37.6





#25
Benzo(k)fluoranthene
Concen: 10.024 ng/ul m
RT: 22.478 min Scan# 4564
Delta R.T. -0.003 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

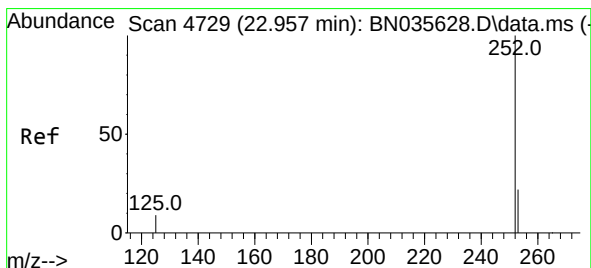
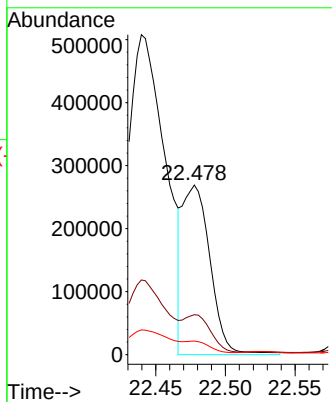
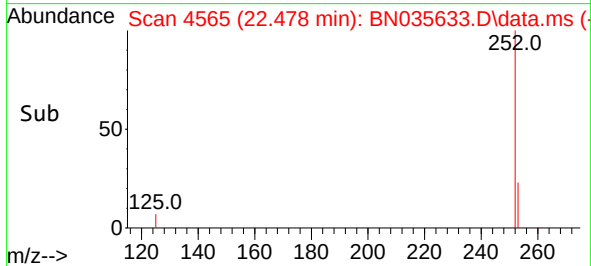
Instrument :
BNA_N
ClientSampleId :
E28T1



Tgt Ion:252 Resp: 372580
Ion Ratio Lower Upper
252 100
253 23.6 22.1 33.1
125 8.0 15.3 22.9

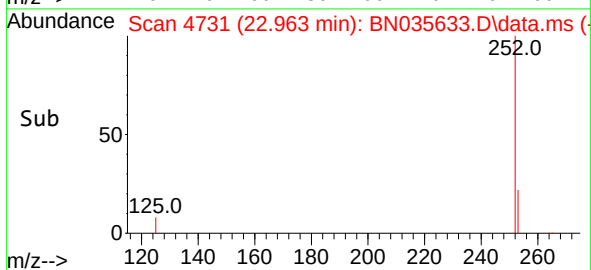
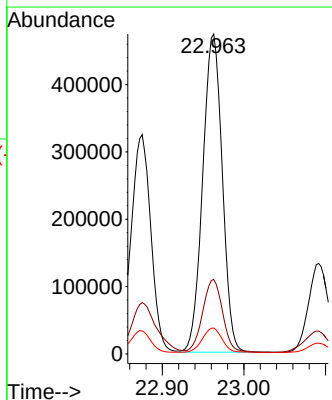
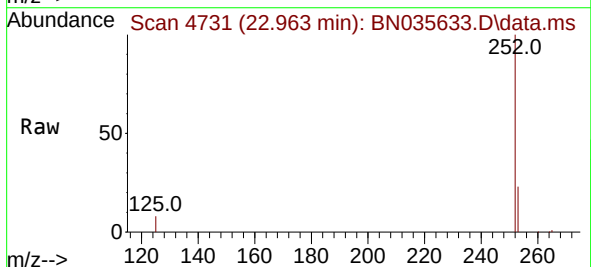
Manual Integrations
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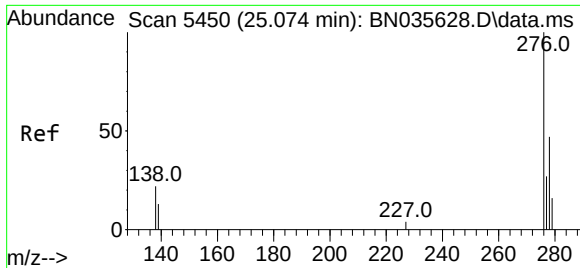
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#26
Benzo(a)pyrene
Concen: 24.133 ng/ul
RT: 22.963 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

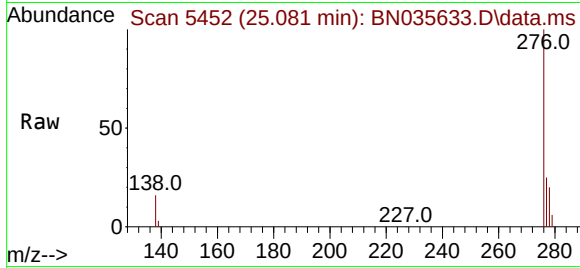
Tgt Ion:252 Resp: 785415
Ion Ratio Lower Upper
252 100
253 23.3 24.1 36.1#
125 8.1 19.1 28.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 15.880 ng/ul
RT: 25.081 min Scan# 5450
Delta R.T. 0.000 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

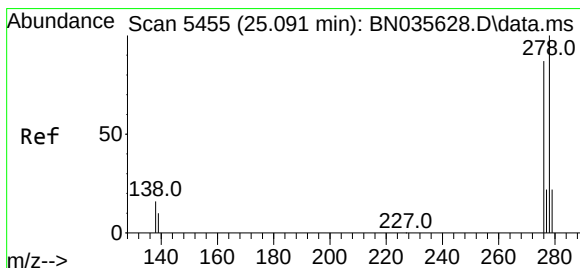
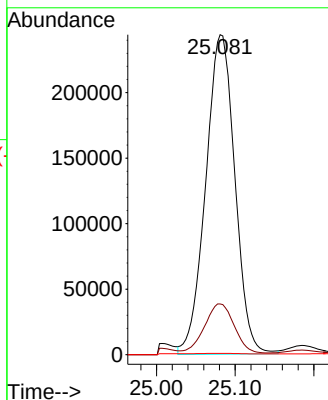
Instrument :
BNA_N
ClientSampleId :
E28T1



Tgt Ion:276 Resp: 62915
Ion Ratio Lower Upper
276 100
138 16.5 14.7 22.1
227 1.8 21.6 32.4

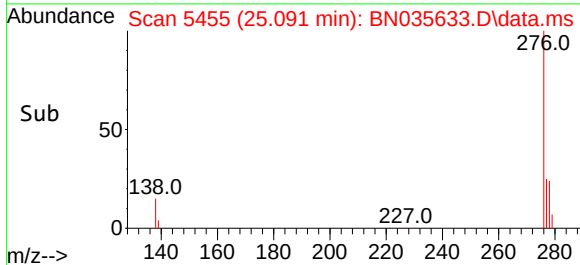
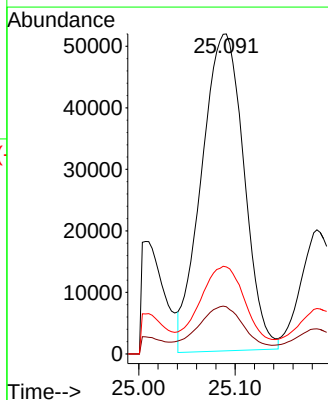
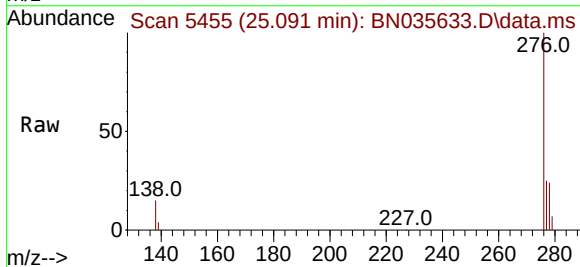
Manual Integrations
APPROVED

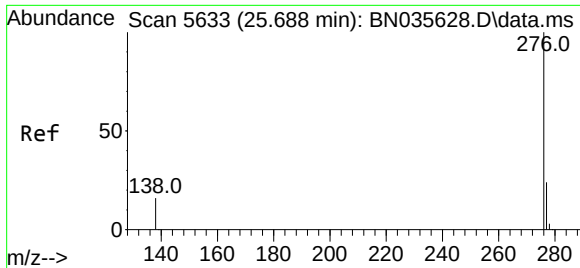
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#28
Dibenzo(a,h)anthracene
Concen: 5.208 ng/ul
RT: 25.091 min Scan# 5455
Delta R.T. -0.010 min
Lab File: BN035633.D
Acq: 17 Dec 2024 01:24

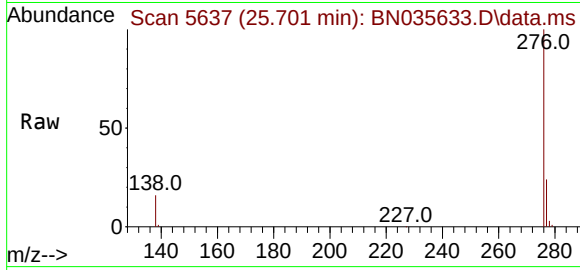
Tgt Ion:278 Resp: 157557
Ion Ratio Lower Upper
278 100
139 14.8 19.8 29.8#
279 27.2 24.0 36.0





#29
 Benzo(g,h,i)perylene
 Concen: 20.987 ng/ul
 RT: 25.701 min Scan# 50
 Delta R.T. 0.003 min
 Lab File: BN035633.D
 Acq: 17 Dec 2024 01:24

Instrument :
 BNA_N
 ClientSampleId :
 E28T1



Tgt Ion: 276 Resp: 667270

Ion	Ratio	Lower	Upper
276	100		
138	16.3	19.6	29.4
277	24.1	21.6	32.4

Manual Integrations
 APPROVED

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

