

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035622.D
 Acq On : 16 Dec 2024 18:13
 Operator : RC/JU
 Sample : P5232-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R5

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 21:56:09 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	2389	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7279	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5148	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	11153	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	9210	0.400	ng/ul	# 0.00
23) Perylene-d12	23.045	264	10406	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	4205	1.985	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	993	0.096	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	2264	0.084	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.080	128	2382m	0.133	ng/ul	
7) 2-Methylnaphthalene	11.708	142	1448	0.120	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	580	0.047	ng/ul	100
10) Acenaphthylene	13.657	152	1180	0.059	ng/ul#	80
11) Acenaphthene	14.009	153	324	0.021	ng/ul#	92
14) Pentachlorophenol	16.379	266	59	0.021	ng/ul	86
15) Phenanthrene	16.755	178	8791	0.315	ng/ul	99
16) Anthracene	16.848	178	1982	0.076	ng/ul#	86
19) Fluoranthene	18.795	202	21198	0.644	ng/ul	100
20) Pyrene	19.163	202	21719	0.599	ng/ul	99
21) Benzo(a)anthracene	20.944	228	14639	0.479	ng/ul	95
22) Chrysene	20.993	228	19334m	0.610	ng/ul	
24) Benzo(b)fluoranthene	22.437	252	31771m	1.036	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	10862m	0.320	ng/ul	
26) Benzo(a)pyrene	22.957	252	23287m	0.784	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.074	276	18076m	0.500	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	4486m	0.162	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	22659	0.781	ng/ul	95

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

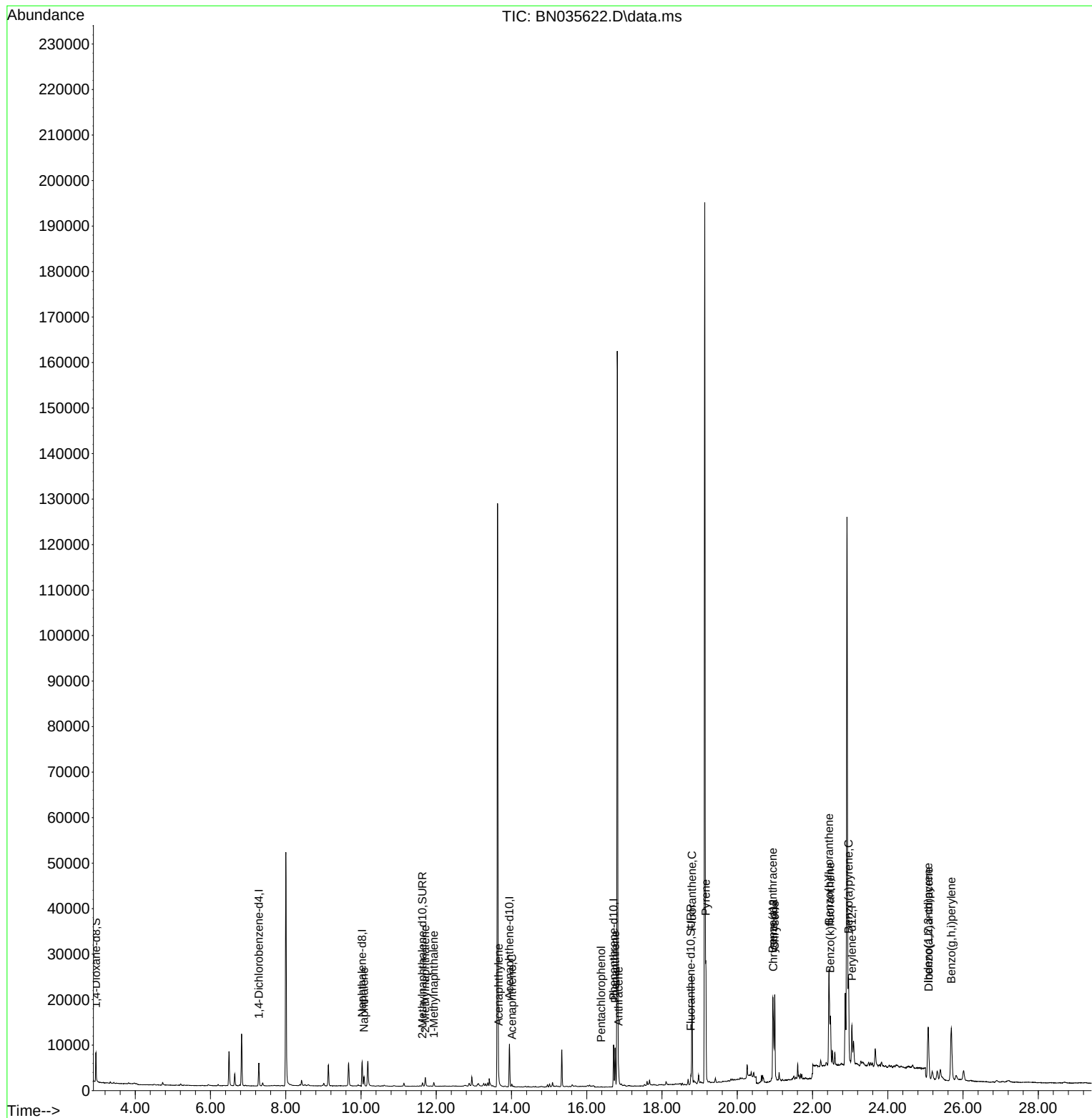
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035622.D
Acq On : 16 Dec 2024 18:13
Operator : RC/JU
Sample : P5232-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

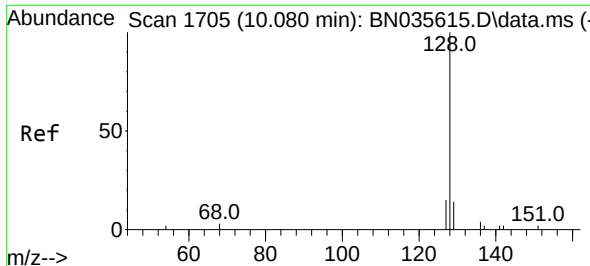
Instrument :
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E28R5

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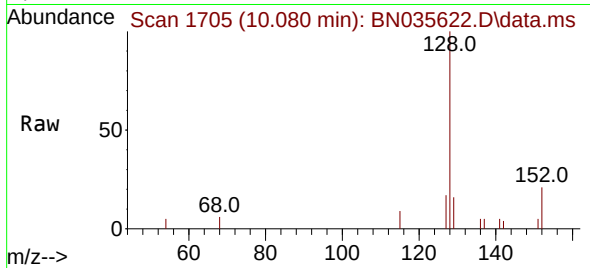
Quant Time: Dec 16 21:56:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.133 ng/ul m
RT: 10.080 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

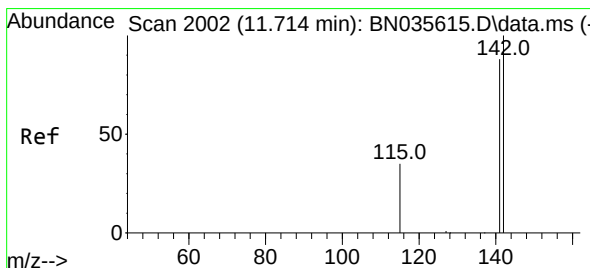
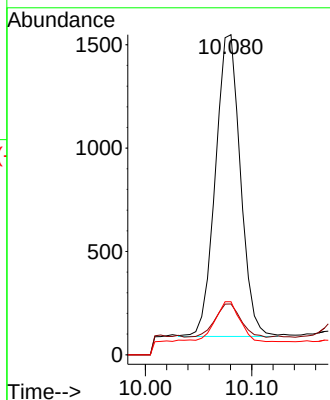
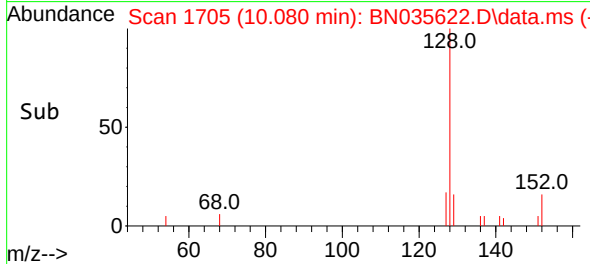
Instrument :
BNA_N
ClientSampleId :
E28R5



Tgt Ion:128 Resp: 238
Ion Ratio Lower Upper
128 100
129 15.9 10.8 16.2
127 16.6 12.0 18.0

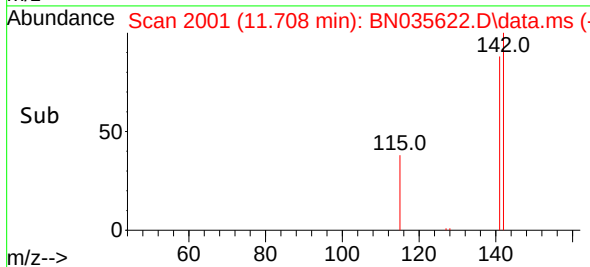
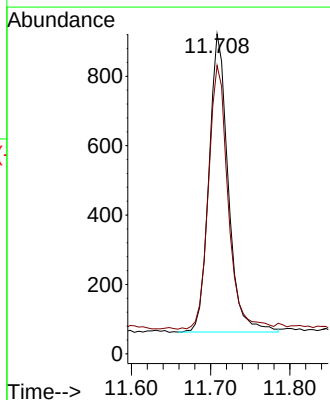
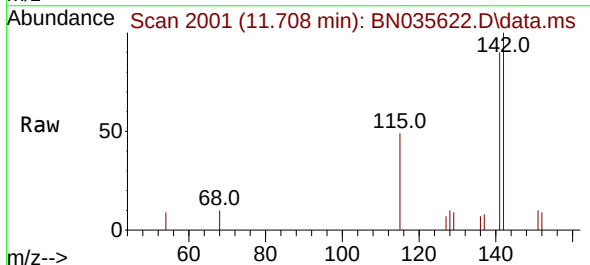
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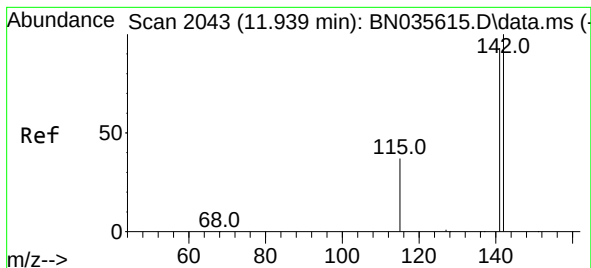
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.120 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

Tgt Ion:142 Resp: 1448
Ion Ratio Lower Upper
142 100
141 90.3 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.047 ng/ul

RT: 11.934 min Scan# 2042

Delta R.T. -0.005 min

Lab File: BN035622.D

Acq: 16 Dec 2024 18:13

Instrument :

BNA_N

ClientSampleId :

E28R5

Tgt Ion:142 Resp: 580

Ion Ratio Lower Upper

142 100

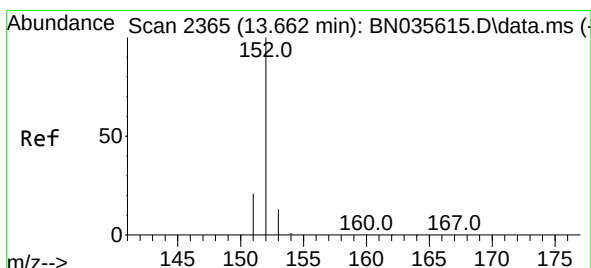
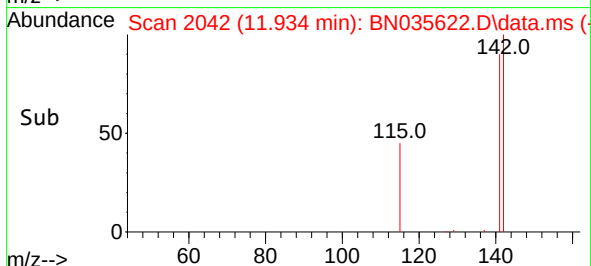
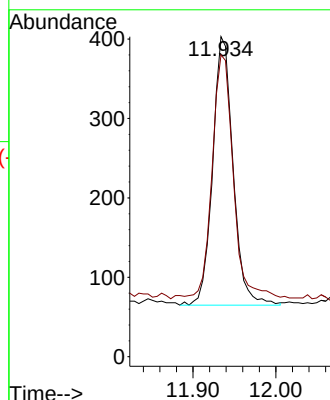
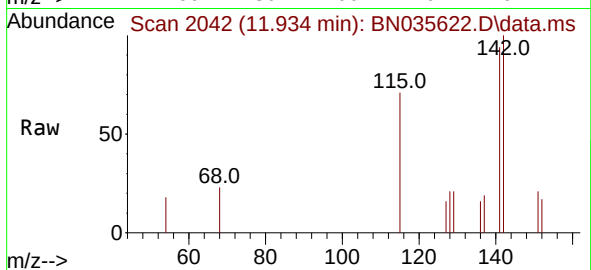
141 92.9 74.7 112.1

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#10

Acenaphthylene

Concen: 0.059 ng/ul

RT: 13.657 min Scan# 2364

Delta R.T. -0.005 min

Lab File: BN035622.D

Acq: 16 Dec 2024 18:13

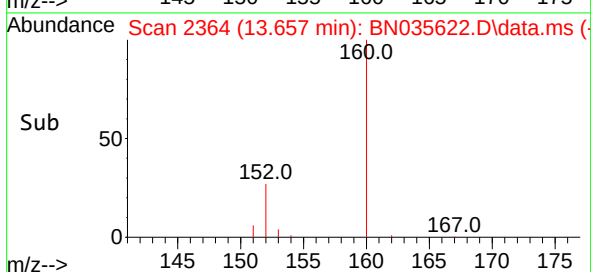
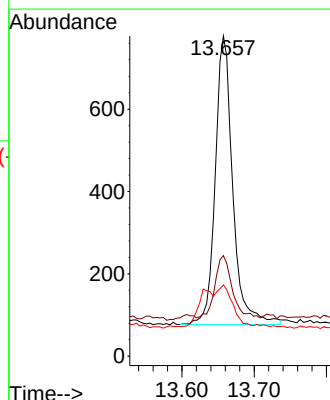
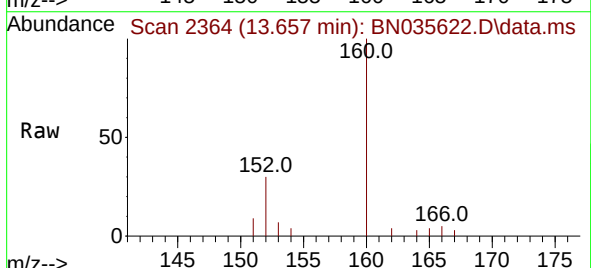
Tgt Ion:152 Resp: 1180

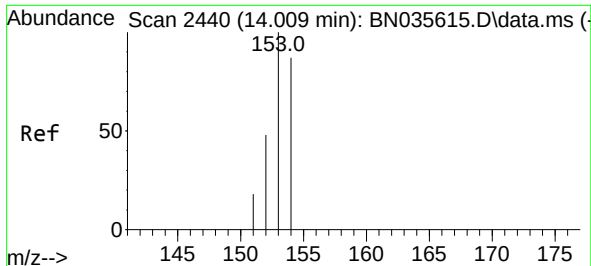
Ion Ratio Lower Upper

152 100

151 31.4 17.6 26.4#

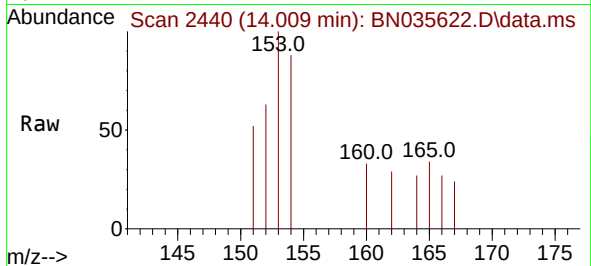
153 22.2 11.4 17.2#





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

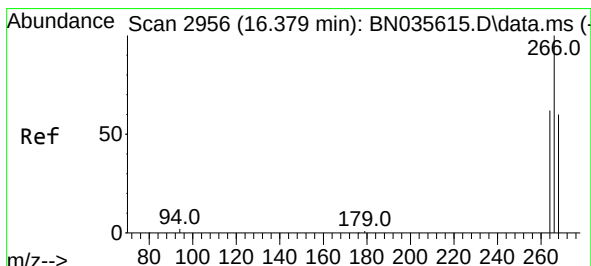
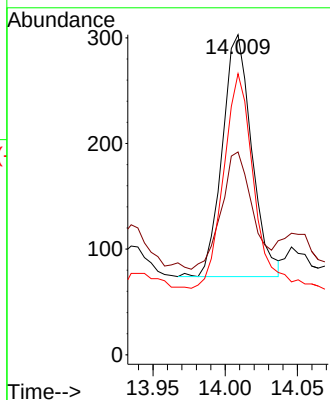
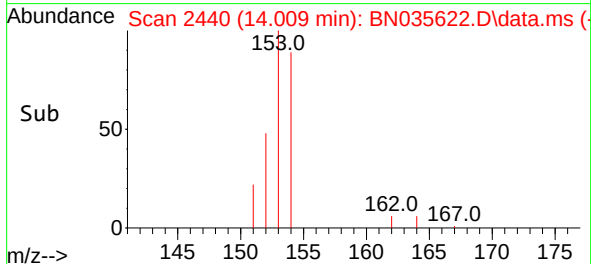
Instrument :
BNA_N
ClientSampleId :
E28R5



Tgt Ion:153 Resp: 324
Ion Ratio Lower Upper
153 100
152 63.4 39.8 59.6
154 87.8 69.8 104.8

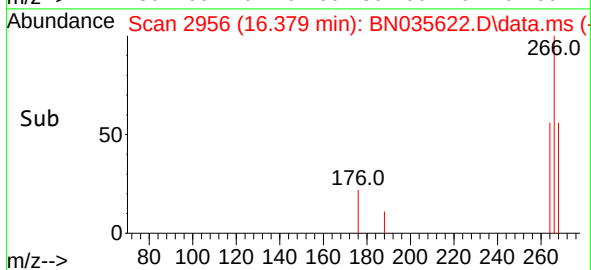
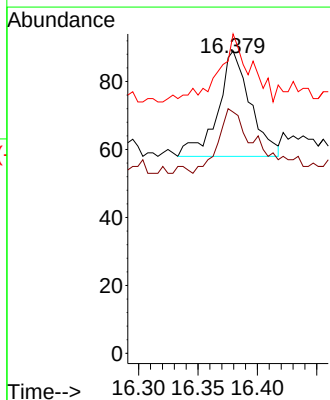
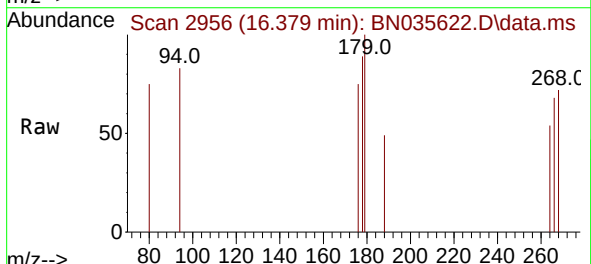
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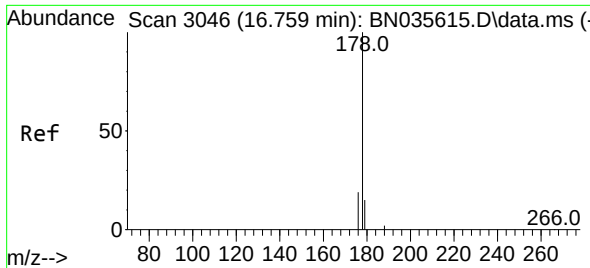
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.379 min Scan# 2956
Delta R.T. 0.000 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

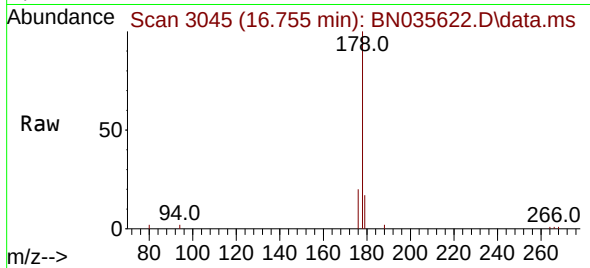
Tgt Ion:266 Resp: 59
Ion Ratio Lower Upper
266 100
264 74.6 49.9 74.9
268 55.9 52.8 79.2





#15
Phenanthrene
Concen: 0.315 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

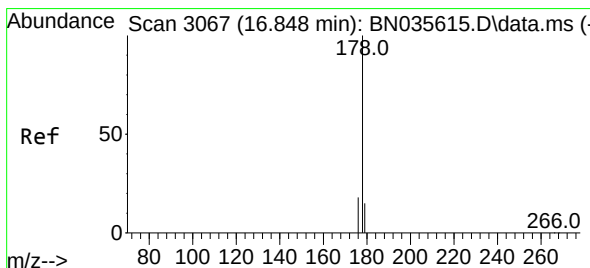
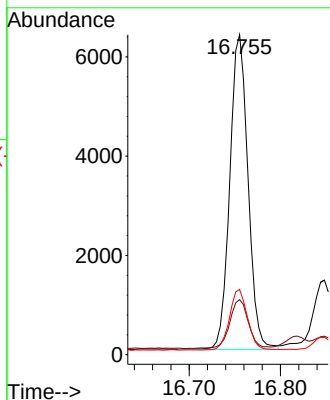
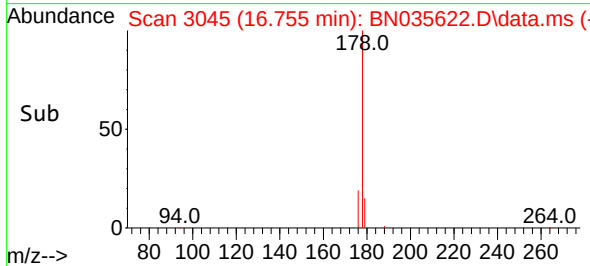
Instrument :
BNA_N
ClientSampleId :
E28R5



Tgt Ion:178 Resp: 879
Ion Ratio Lower Upper
178 100
179 17.2 13.3 19.9
176 20.3 15.8 23.8

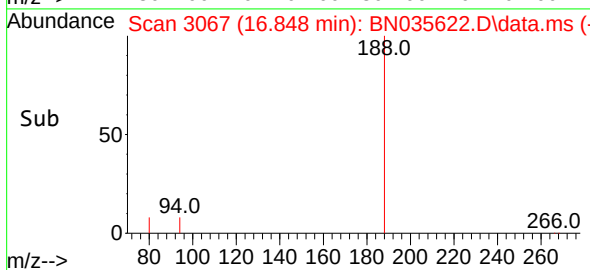
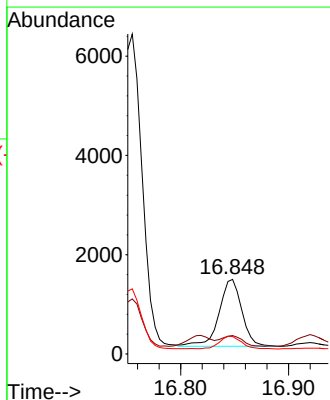
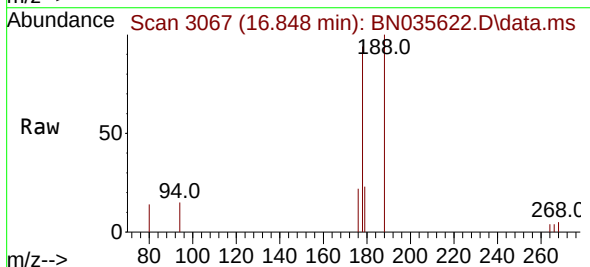
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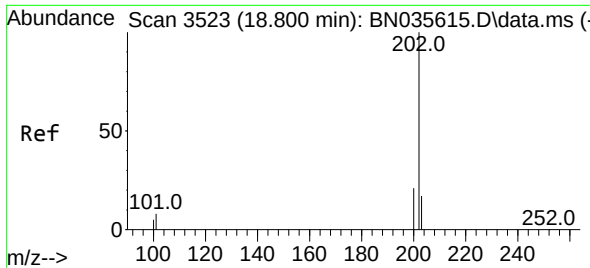
Reviewed By :Yogesh Patel 12/18/2024
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#16
Anthracene
Concen: 0.076 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

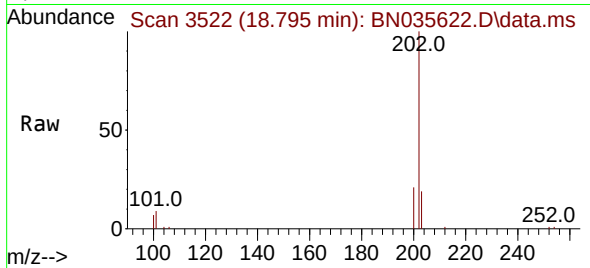
Tgt Ion:178 Resp: 1982
Ion Ratio Lower Upper
178 100
179 24.8 13.4 20.0#
176 23.4 15.4 23.0#





#19
Fluoranthene
Concen: 0.644 ng/ul
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

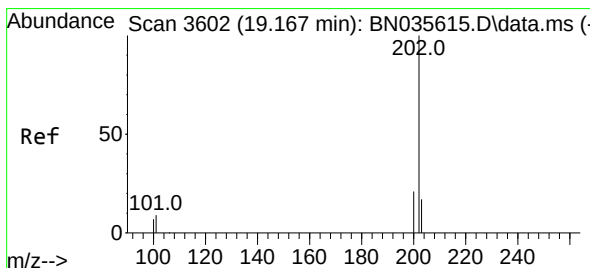
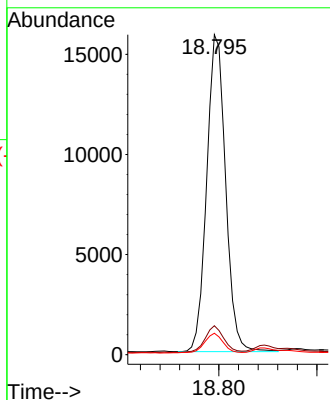
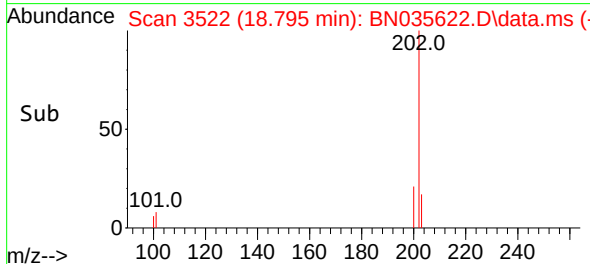
Instrument :
BNA_N
ClientSampleId :
E28R5



Tgt Ion:202 Resp: 21198
Ion Ratio Lower Upper
202 100
101 9.1 7.3 10.9
100 6.7 5.4 8.0

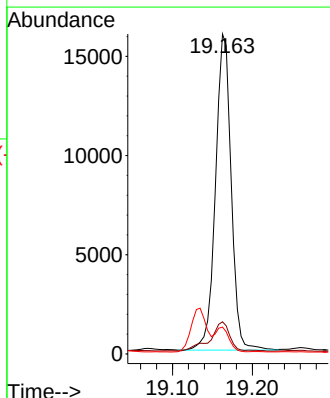
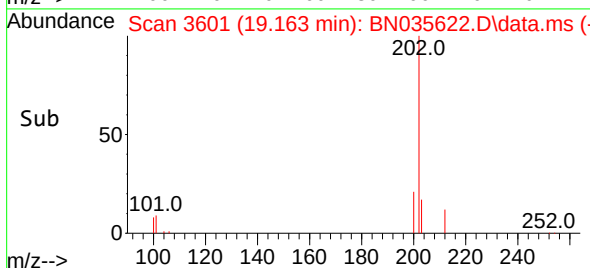
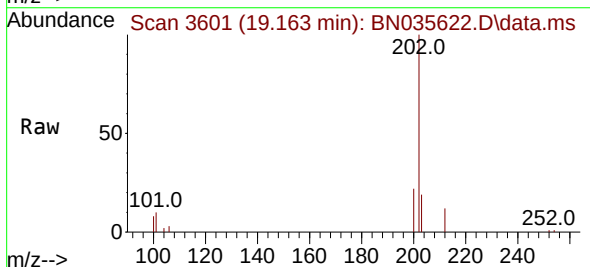
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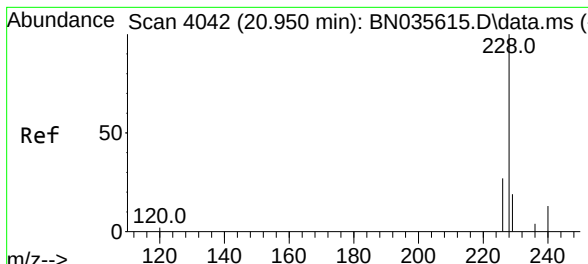
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#20
Pyrene
Concen: 0.599 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

Tgt Ion:202 Resp: 21719
Ion Ratio Lower Upper
202 100
101 10.0 8.5 12.7
100 8.4 6.5 9.7





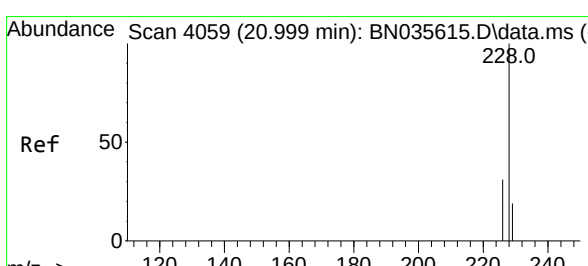
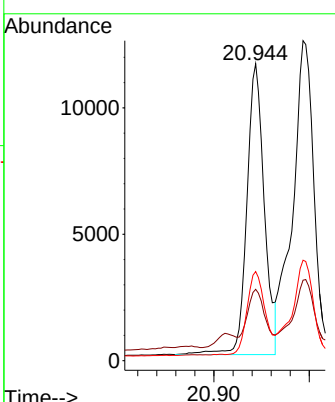
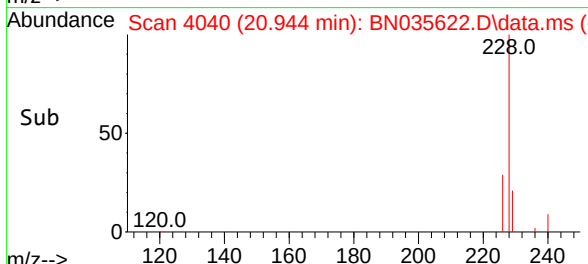
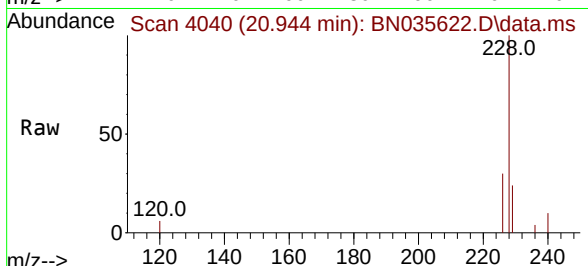
#21
 Benzo(a)anthracene
 Concen: 0.479 ng/ul
 RT: 20.944 min Scan# 4040
 Delta R.T. -0.006 min
 Lab File: BN035622.D
 Acq: 16 Dec 2024 18:13

Instrument : BNA_N
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Tgt Ion:228 Resp: 14639

Ion	Ratio	Lower	Upper
228	100		
229	24.0	16.6	25.0
226	30.0	22.5	33.7

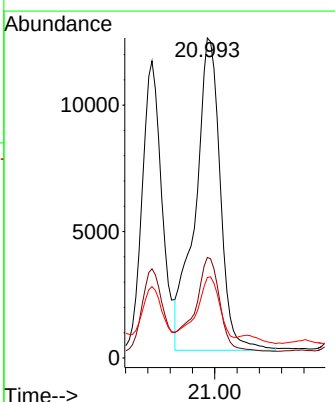
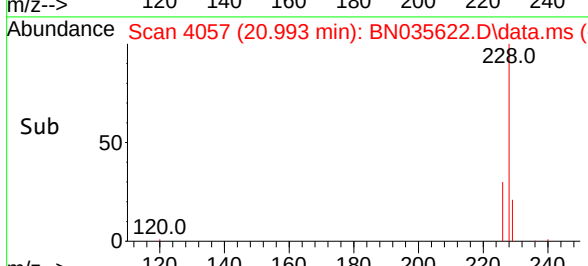
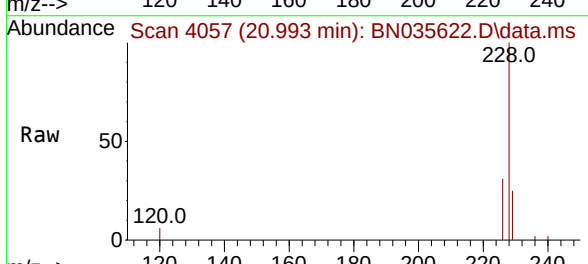
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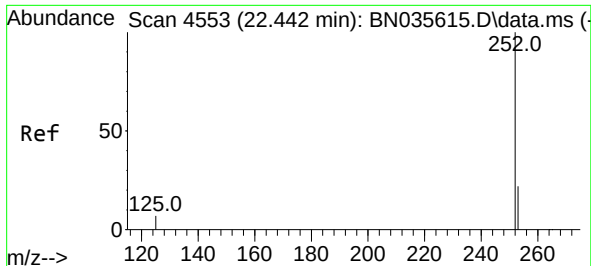


#22
 Chrysene
 Concen: 0.610 ng/ul m
 RT: 20.993 min Scan# 4057
 Delta R.T. -0.006 min
 Lab File: BN035622.D
 Acq: 16 Dec 2024 18:13

Tgt Ion:228 Resp: 19334

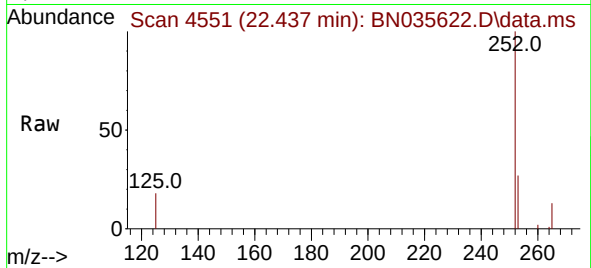
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.1	37.7
229	25.2	16.6	24.8





#24
Benzo(b)fluoranthene
Concen: 1.036 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

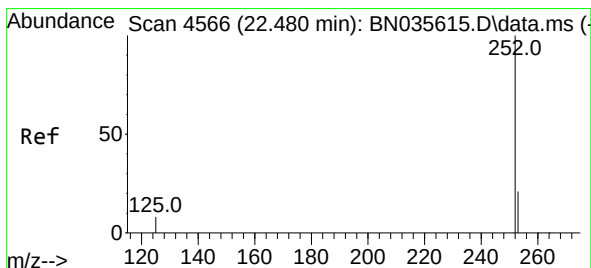
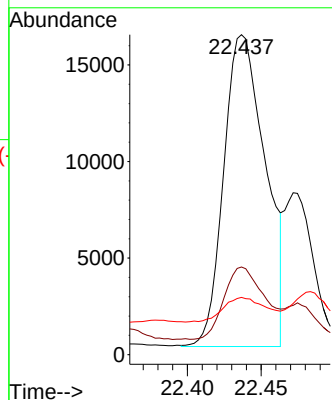
Instrument :
BNA_N
ClientSampleId :
E28R5



Tgt Ion:252 Resp: 3177
Ion Ratio Lower Upper
252 100
253 27.4 0.0 56.4
125 17.9 0.0 37.6

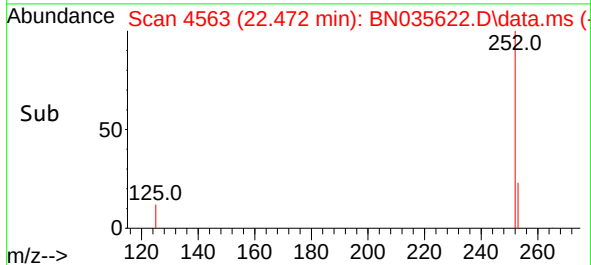
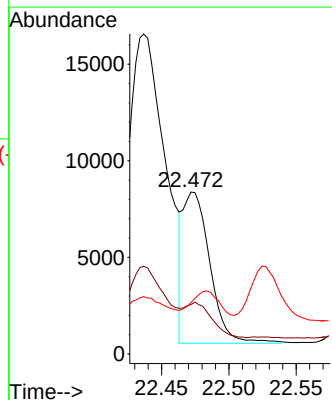
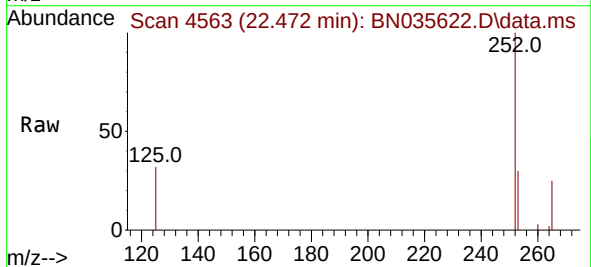
Manual Integrations
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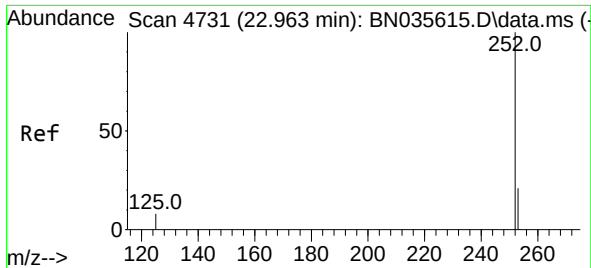
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.320 ng/ul m
RT: 22.472 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

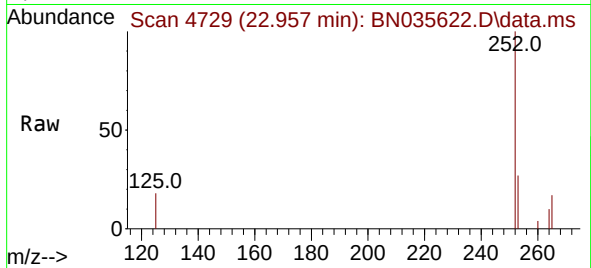
Tgt Ion:252 Resp: 10862
Ion Ratio Lower Upper
252 100
253 30.4 22.1 33.1
125 31.6 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.784 ng/ul m
RT: 22.957 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

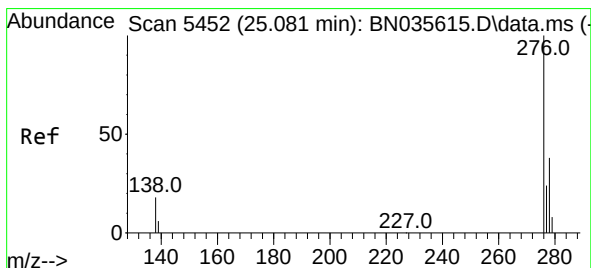
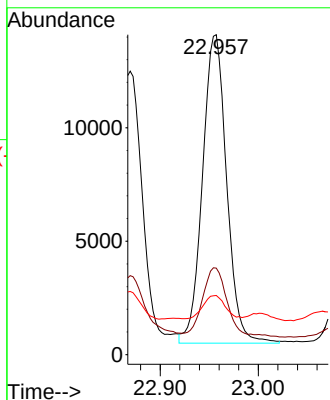
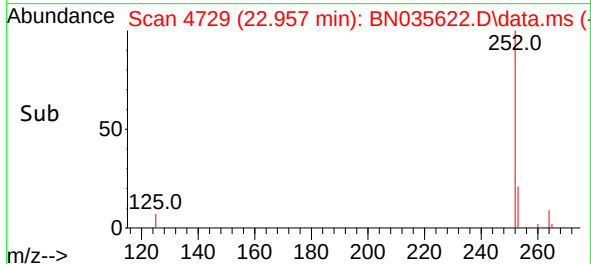
Instrument :
BNA_N
ClientSampleId :
E28R5



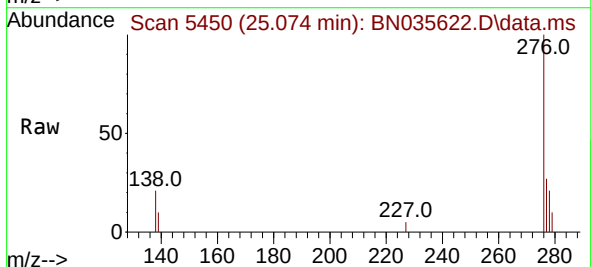
Tgt Ion:252 Resp: 2328
Ion Ratio Lower Upper
252 100
253 27.1 24.1 36.1
125 18.5 19.1 28.7

Manual Integrations
APPROVED

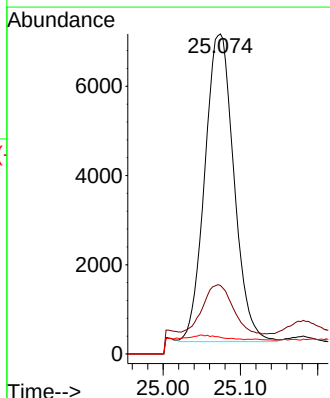
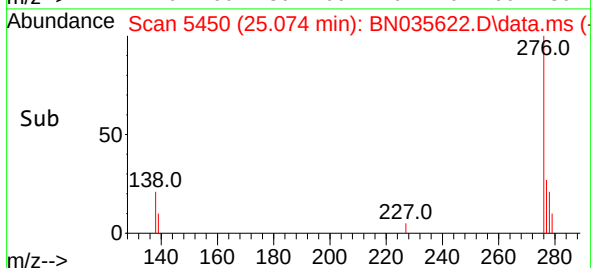
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

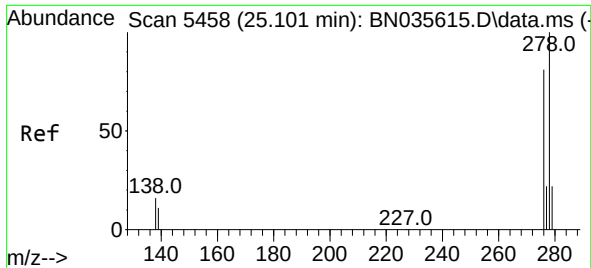


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.500 ng/ul m
RT: 25.074 min Scan# 5450
Delta R.T. -0.007 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13



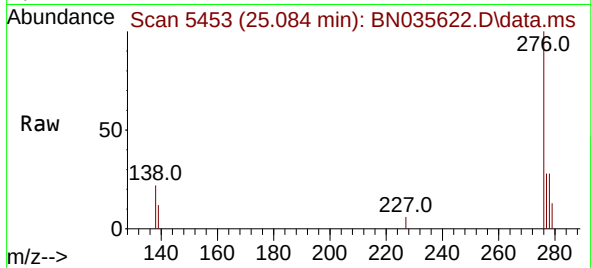
Tgt Ion:276 Resp: 18076
Ion Ratio Lower Upper
276 100
138 19.7 14.7 22.1
227 0.0 21.6 32.4





#28
Dibenzo(a,h)anthracene
Concen: 0.162 ng/ul m
RT: 25.084 min Scan# 5458
Delta R.T. -0.017 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13

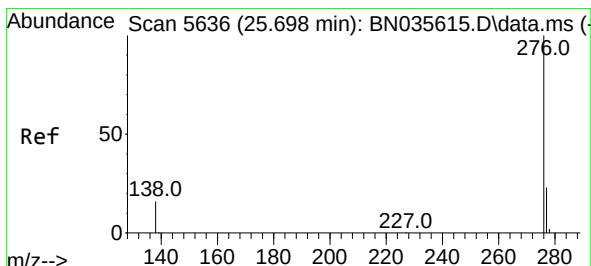
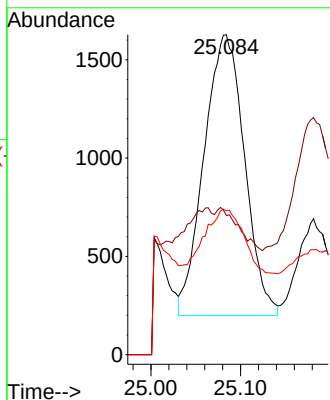
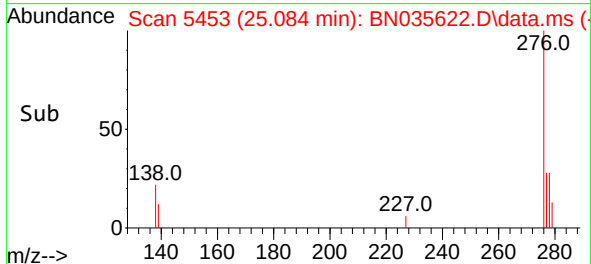
Instrument :
BNA_N
ClientSampleId :
E28R5



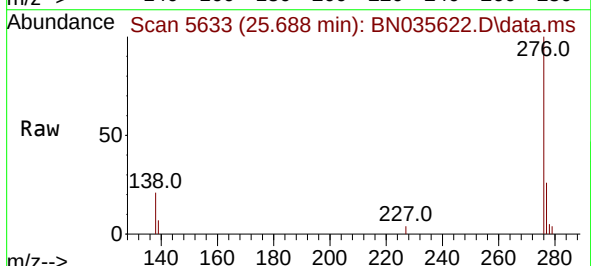
Tgt Ion:278 Resp: 4480
Ion Ratio Lower Upper
278 100
139 43.5 19.8 29.8
279 45.0 24.0 36.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.781 ng/ul
RT: 25.688 min Scan# 5633
Delta R.T. -0.010 min
Lab File: BN035622.D
Acq: 16 Dec 2024 18:13



Tgt Ion:276 Resp: 22659
Ion Ratio Lower Upper
276 100
138 20.5 19.6 29.4
277 25.8 21.6 32.4

