

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035636.D
 Acq On : 17 Dec 2024 03:12
 Operator : RC/JU
 Sample : P5232-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R8

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 03:34:09 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	2714	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	8044	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5896	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	12329	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	10823	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	11218m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	7588	3.153	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2934	0.256	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	8422	0.266	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.080	128	3126m	0.158	ng/ul	
7) 2-Methylnaphthalene	11.708	142	2221	0.167	ng/ul	95
8) 1-Methylnaphthalene	11.934	142	1695	0.123	ng/ul	97
10) Acenaphthylene	13.662	152	1444	0.063	ng/ul#	29
11) Acenaphthene	14.009	153	2461	0.143	ng/ul	96
12) Fluorene	15.013	166	2468	0.123	ng/ul#	81
15) Phenanthrene	16.755	178	28066	0.910	ng/ul	97
16) Anthracene	16.848	178	6606	0.229	ng/ul#	85
19) Fluoranthene	18.800	202	45867	1.185	ng/ul	98
20) Pyrene	19.167	202	42923	1.007	ng/ul	98
21) Benzo(a)anthracene	20.944	228	18661	0.520	ng/ul#	92
22) Chrysene	20.996	228	21024	0.564	ng/ul#	92
24) Benzo(b)fluoranthene	22.437	252	25831m	0.781	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	9590m	0.262	ng/ul	
26) Benzo(a)pyrene	22.960	252	19107m	0.597	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.074	276	13667m	0.351	ng/ul	
28) Dibenzo(a,h)anthracene	25.088	278	3474m	0.117	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	15210m	0.486	ng/ul	

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

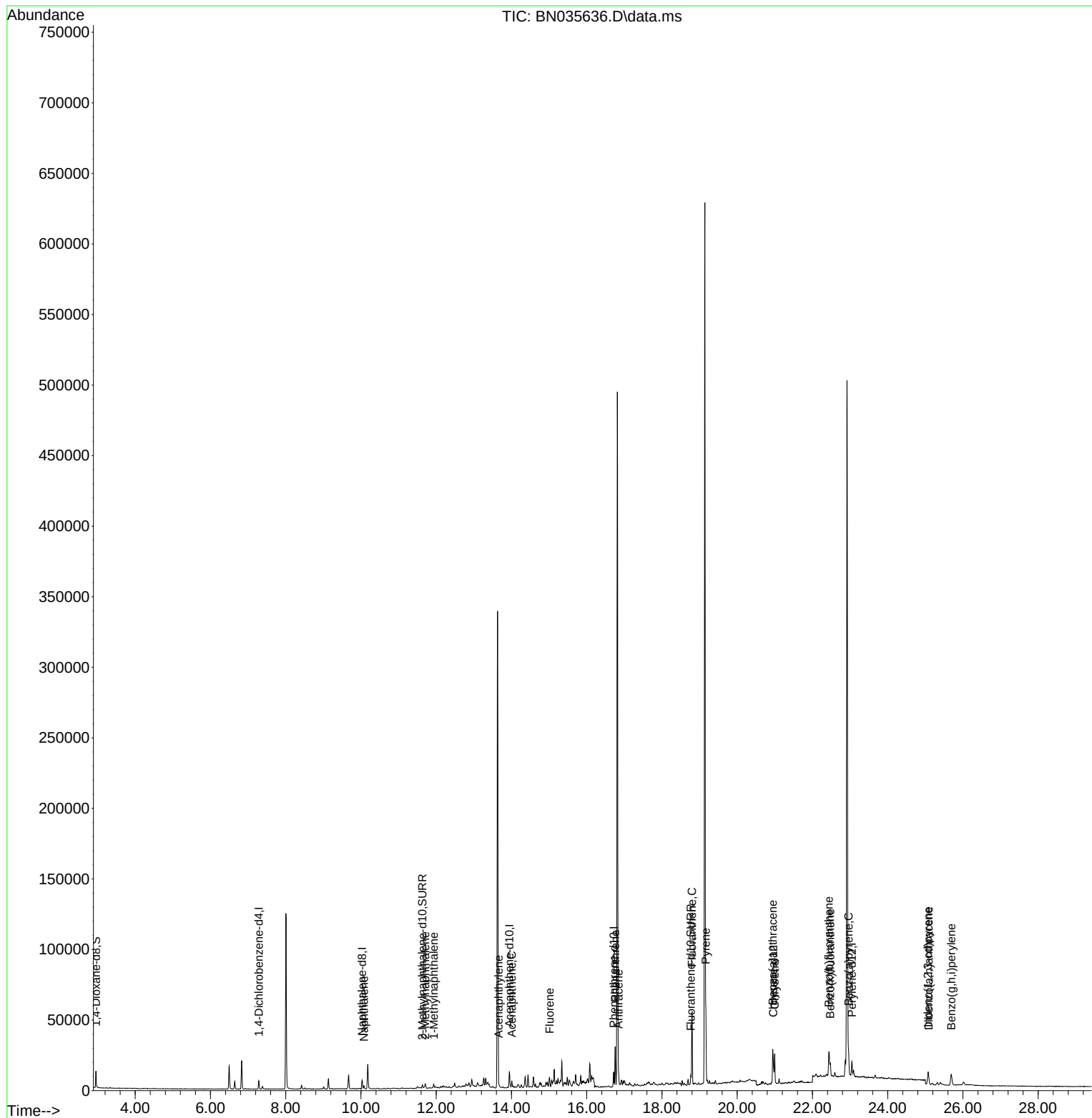
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035636.D
Acq On : 17 Dec 2024 03:12
Operator : RC/JU
Sample : P5232-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

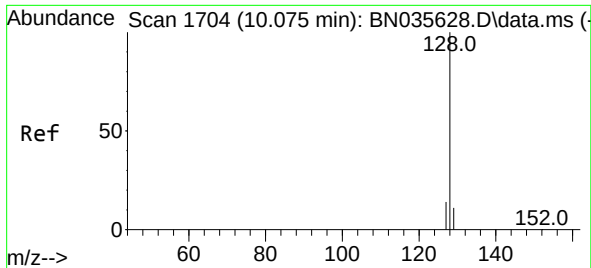
Instrument :
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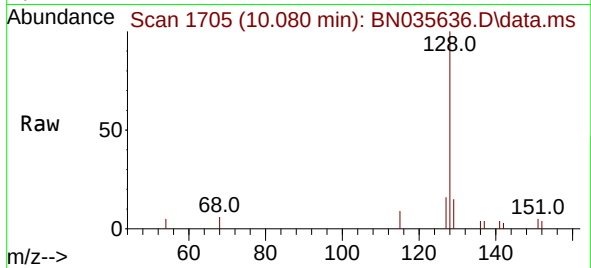
Quant Time: Dec 17 03:34:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.158 ng/ul m
RT: 10.080 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12

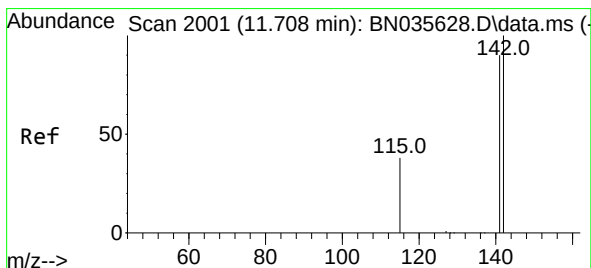
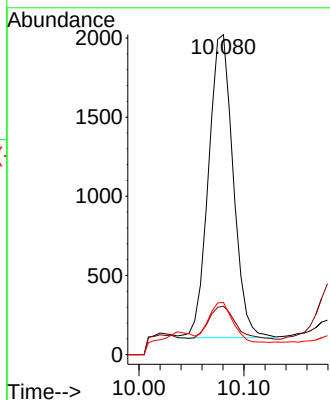
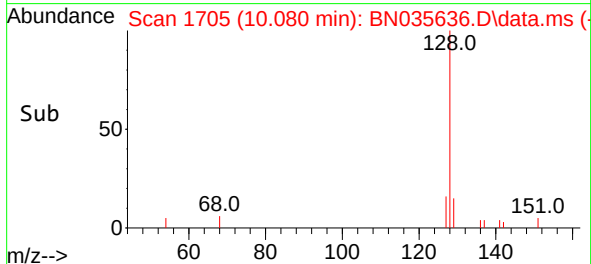
Instrument :
BNA_N
ClientSampleId :
E28R8



Tgt Ion:128 Resp: 3120
Ion Ratio Lower Upper
128 100
129 15.1 10.8 16.2
127 16.3 12.0 18.0

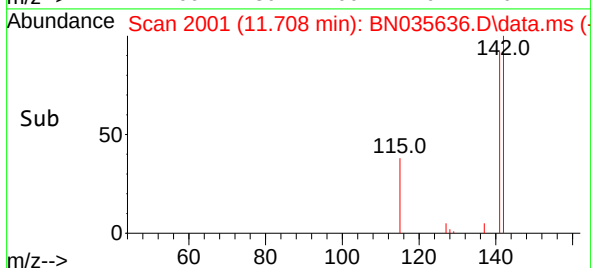
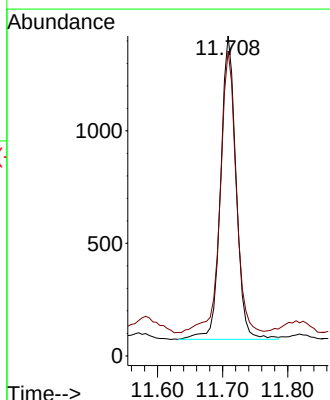
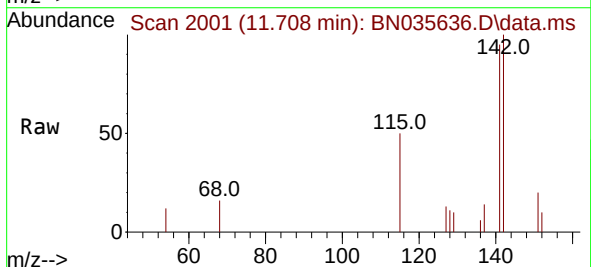
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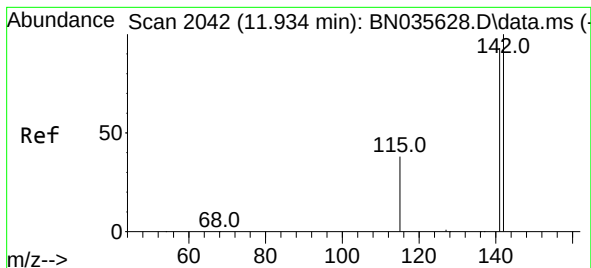
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12

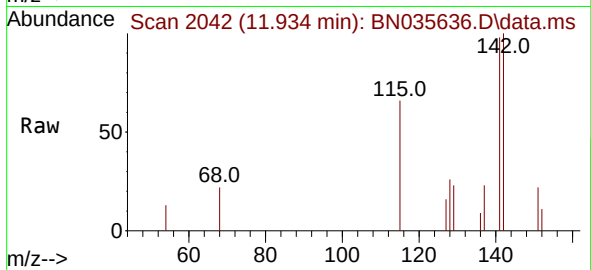
Tgt Ion:142 Resp: 2221
Ion Ratio Lower Upper
142 100
141 95.5 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12

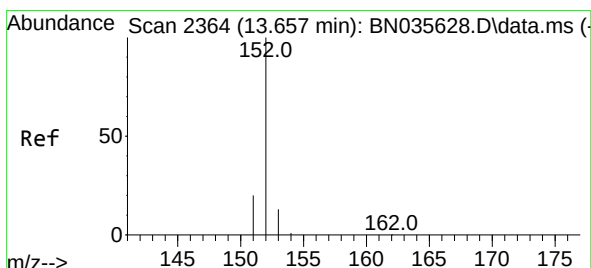
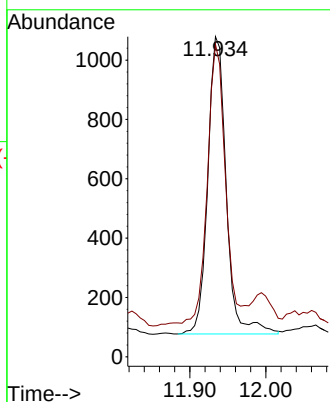
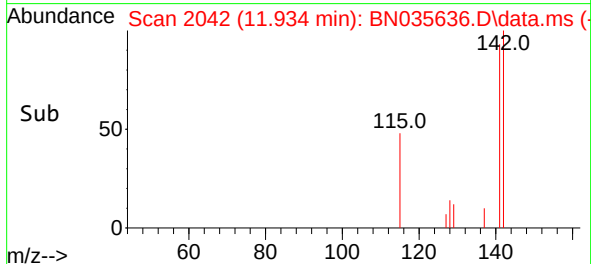
Instrument :
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Tgt Ion:142 Resp: 169
Ion Ratio Lower Upper
142 100
141 96.0 74.7 112.1

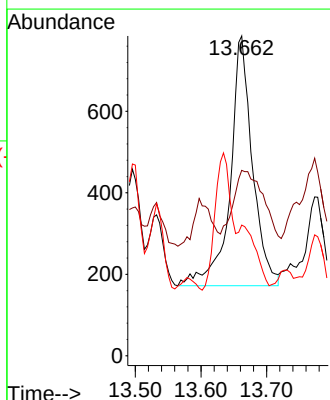
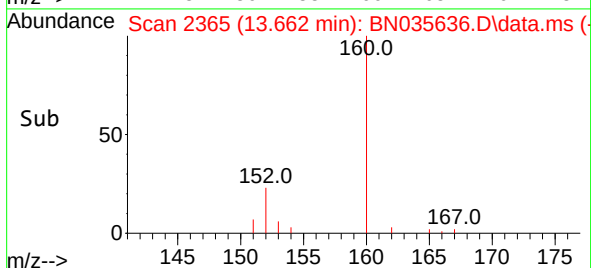
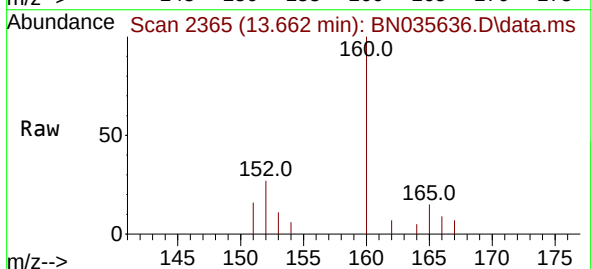
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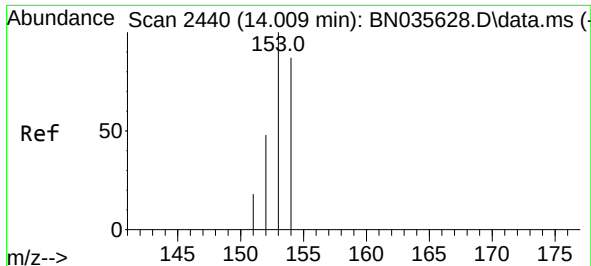
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Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.063 ng/ul
RT: 13.662 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12

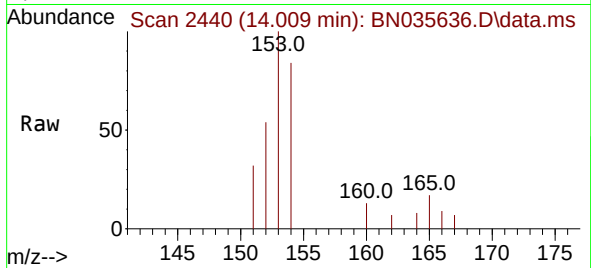
Tgt Ion:152 Resp: 1444
Ion Ratio Lower Upper
152 100
151 58.0 17.6 26.4#
153 40.9 11.4 17.2#





#11
Acenaphthene
Concen: 0.143 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12

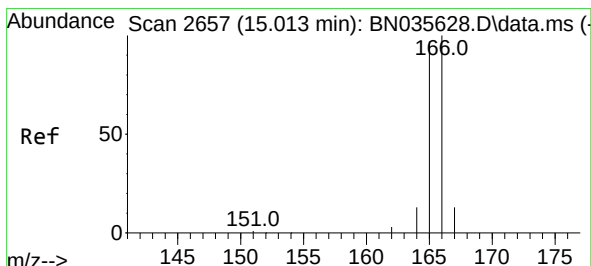
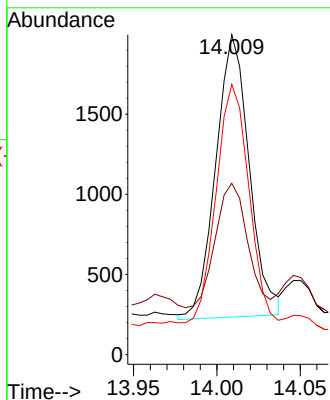
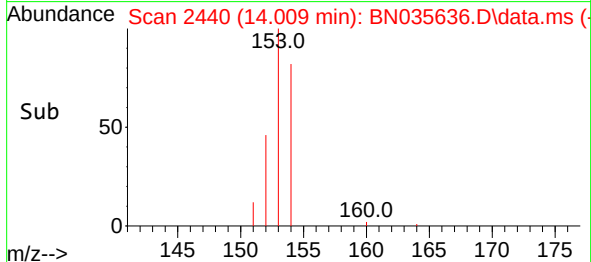
Instrument :
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ClientSampleId :
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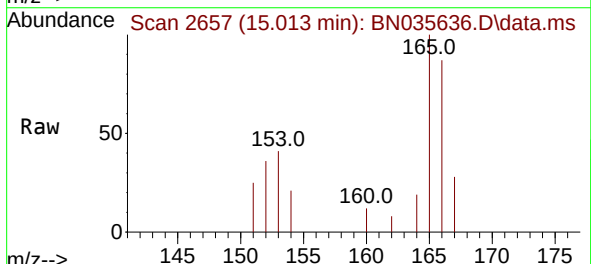
Tgt Ion:153 Resp: 2468
Ion Ratio Lower Upper
153 100
152 53.6 39.8 59.6
154 84.5 69.8 104.8

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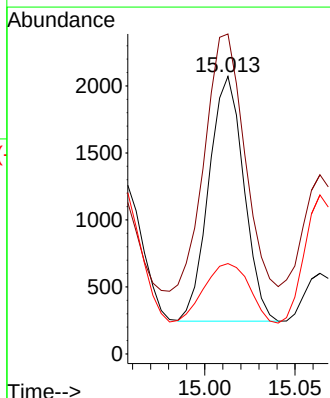
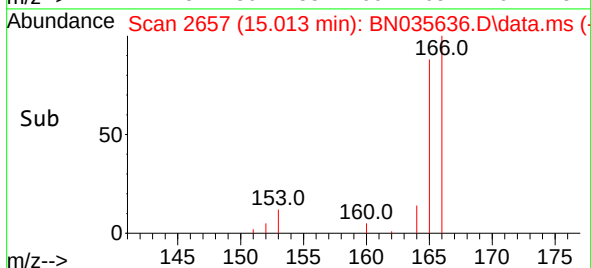
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

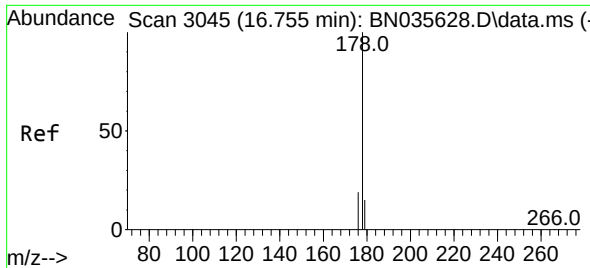


#12
Fluorene
Concen: 0.123 ng/ul
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12



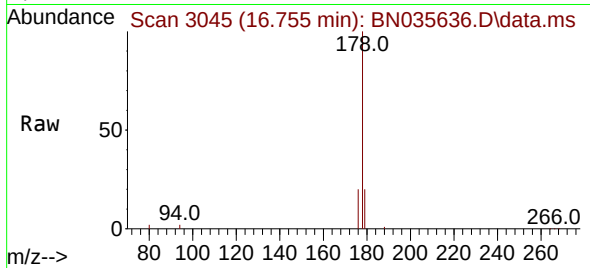
Tgt Ion:166 Resp: 2468
Ion Ratio Lower Upper
166 100
165 115.3 79.5 119.3
167 32.5 11.8 17.8#





#15
Phenanthrene
Concen: 0.910 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12

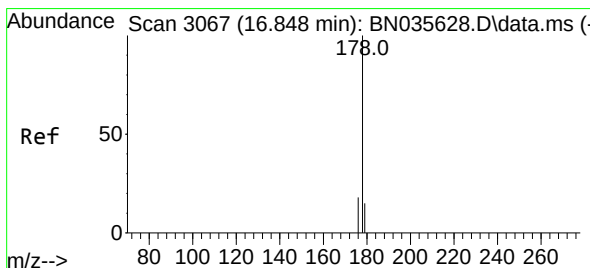
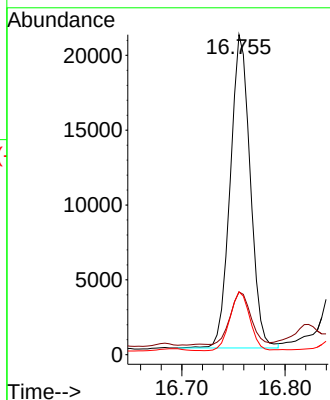
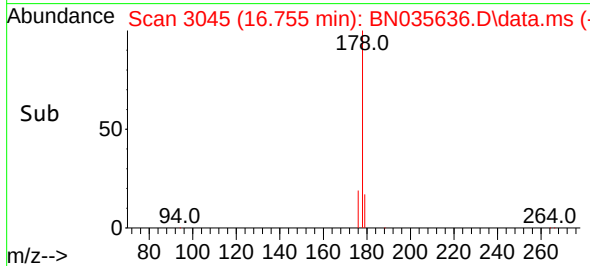
Instrument :
BNA_N
ClientSampleId :
E28R8



Tgt Ion:178 Resp: 2806
Ion Ratio Lower Upper
178 100
179 19.6 13.3 19.9
176 19.6 15.8 23.8

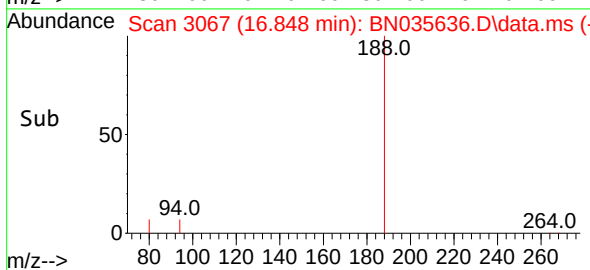
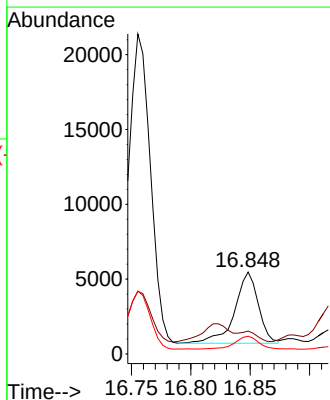
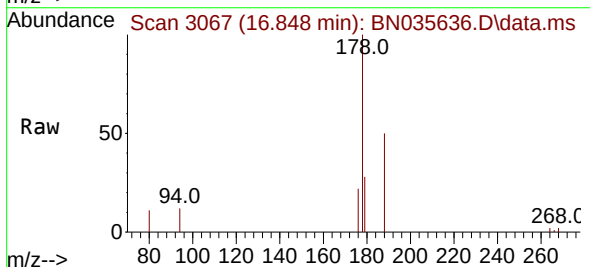
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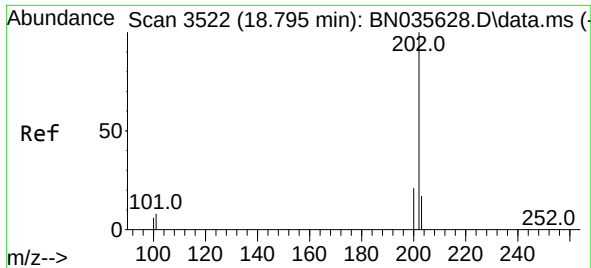
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#16
Anthracene
Concen: 0.229 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12

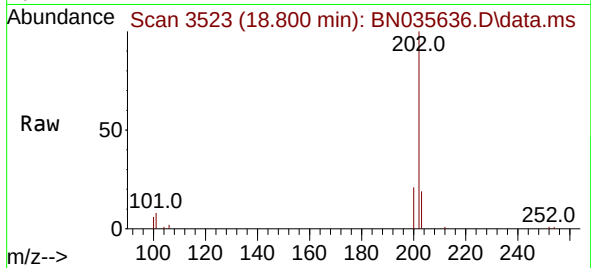
Tgt Ion:178 Resp: 6606
Ion Ratio Lower Upper
178 100
179 28.0 13.4 20.0#
176 21.6 15.4 23.0





#19
Fluoranthene
Concen: 1.185 ng/u1
RT: 18.800 min Scan# 3022
Delta R.T. 0.000 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12

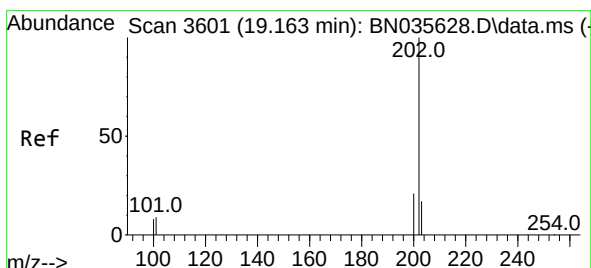
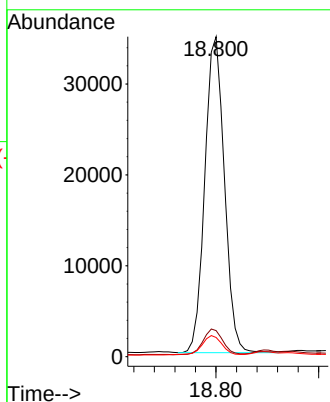
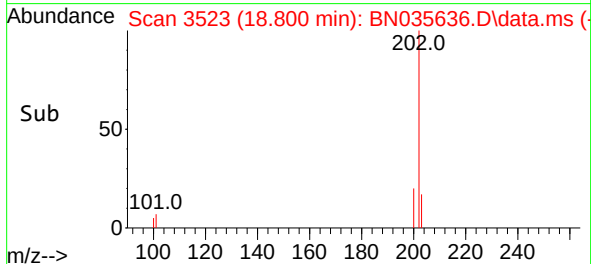
Instrument :
BNA_N
ClientSampleId :
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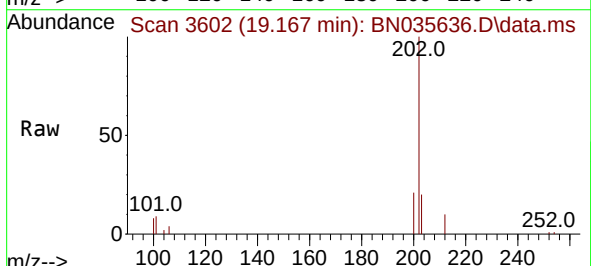
Tgt Ion:202 Resp: 4586
Ion Ratio Lower Upper
202 100
101 8.1 7.3 10.9
100 6.0 5.4 8.0

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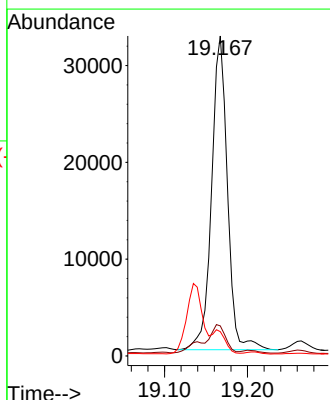
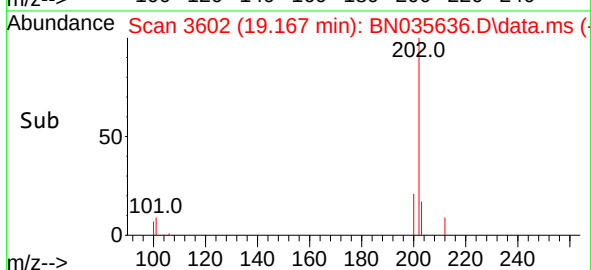
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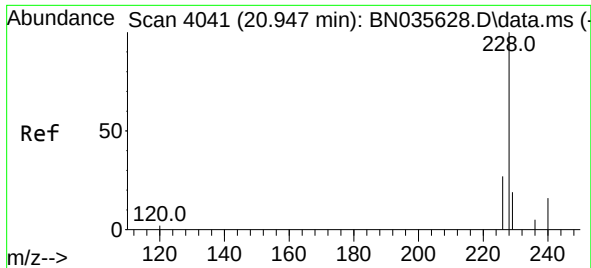


#20
Pyrene
Concen: 1.007 ng/u1
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12



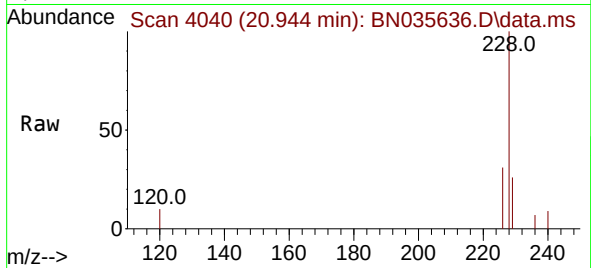
Tgt Ion:202 Resp: 42923
Ion Ratio Lower Upper
202 100
101 9.4 8.5 12.7
100 7.6 6.5 9.7





#21
 Benzo(a)anthracene
 Concen: 0.520 ng/ul
 RT: 20.944 min Scan# 4040
 Delta R.T. -0.006 min
 Lab File: BN035636.D
 Acq: 17 Dec 2024 03:12

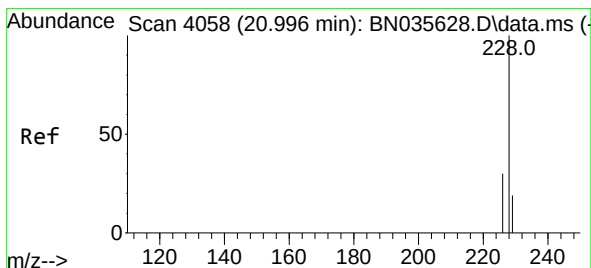
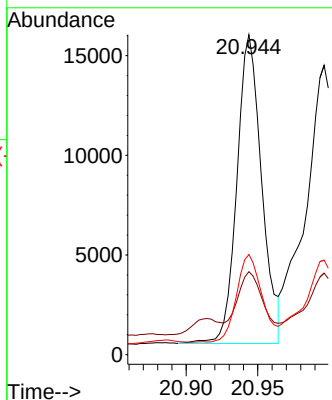
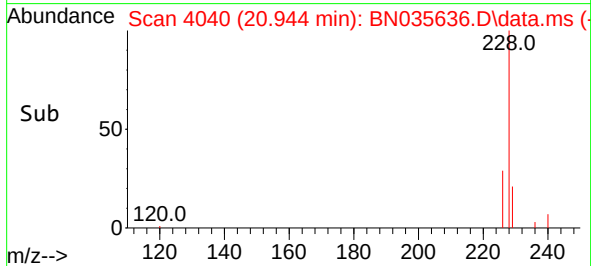
Instrument :
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Tgt Ion:228 Resp: 1866
 Ion Ratio Lower Upper
 228 100
 229 26.0 16.6 25.0
 226 31.3 22.5 33.7

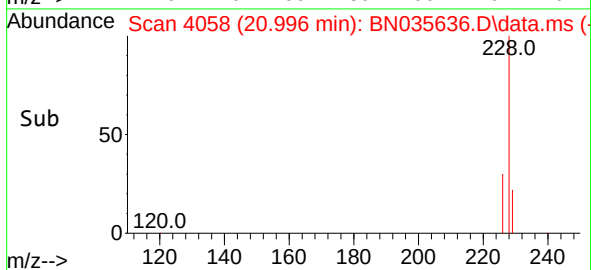
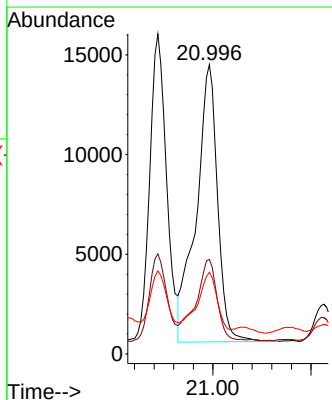
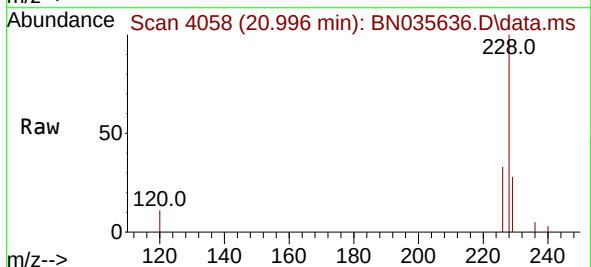
Manual Integrations
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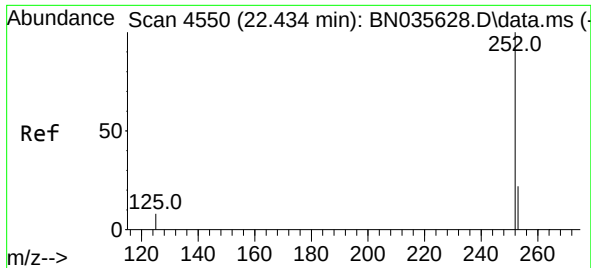
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024



#22
 Chrysene
 Concen: 0.564 ng/ul
 RT: 20.996 min Scan# 4058
 Delta R.T. -0.003 min
 Lab File: BN035636.D
 Acq: 17 Dec 2024 03:12

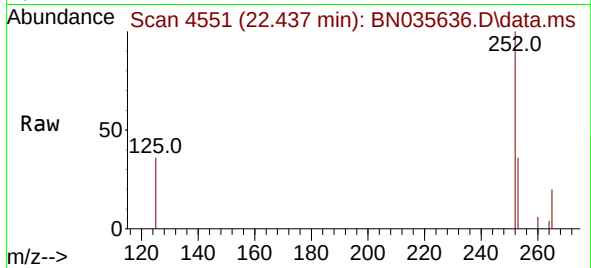
Tgt Ion:228 Resp: 21024
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.1 37.7
 229 28.2 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.781 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12

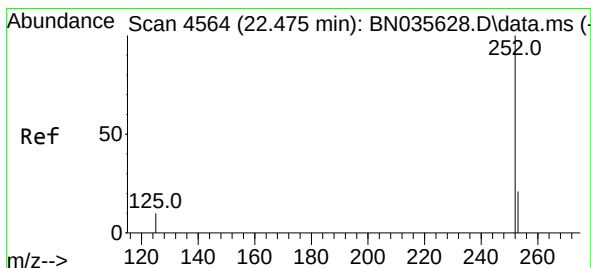
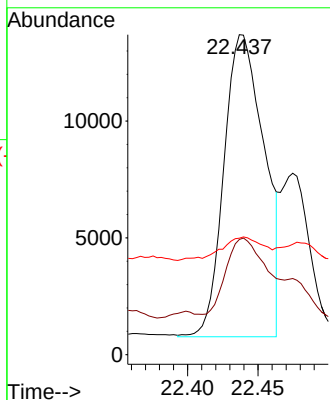
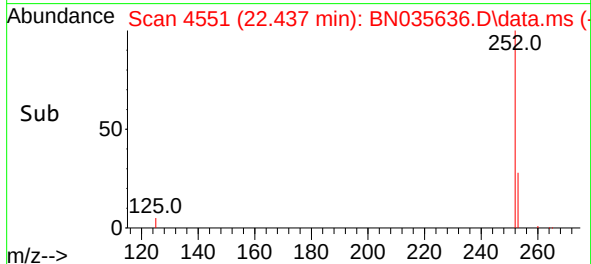
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 2583
Ion Ratio Lower Upper
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125 36.4 0.0 37.6

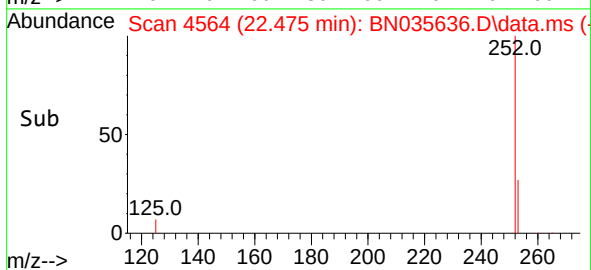
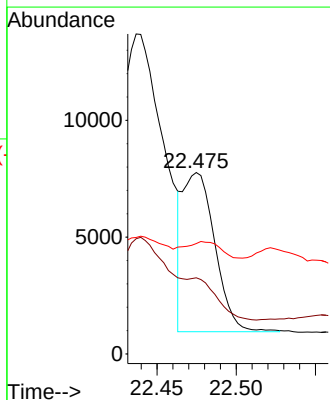
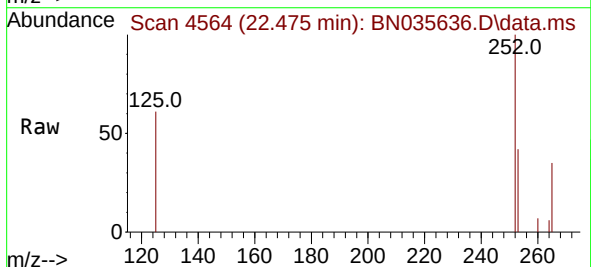
Manual Integrations
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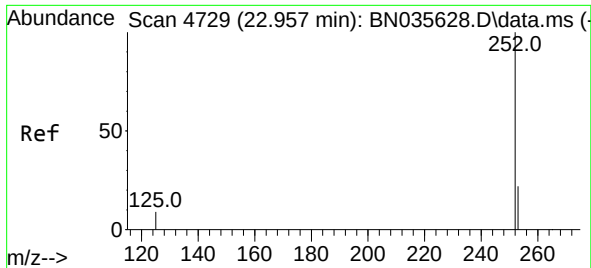
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.262 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12

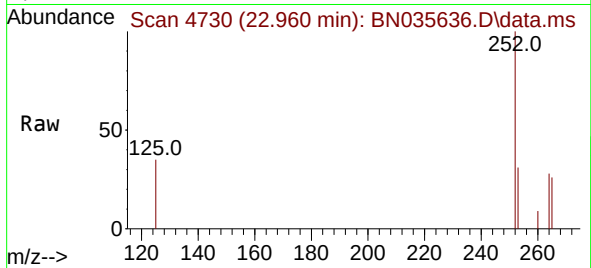
Tgt Ion:252 Resp: 9590
Ion Ratio Lower Upper
252 100
253 42.0 22.1 33.1#
125 60.9 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.597 ng/ul m
RT: 22.960 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12

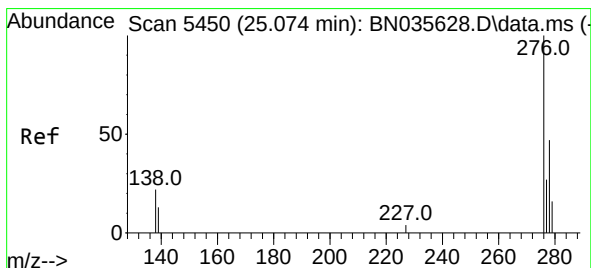
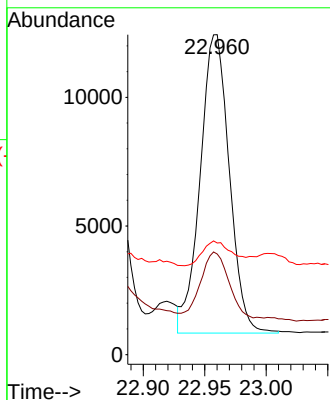
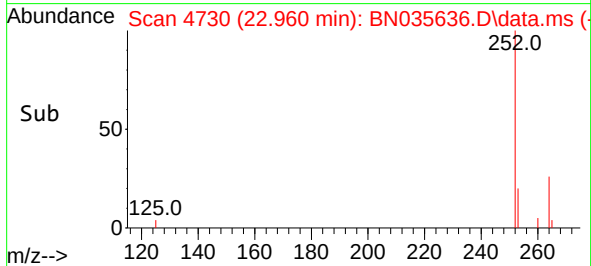
Instrument :
BNA_N
ClientSampleId :
E28R8



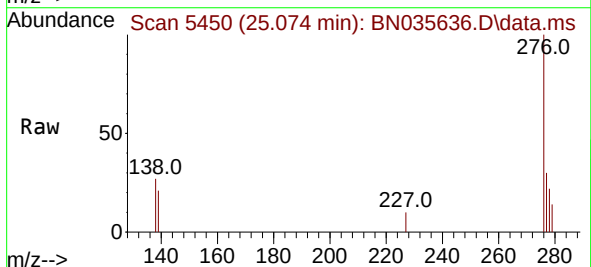
Tgt Ion:252 Resp: 1910
Ion Ratio Lower Upper
252 100
253 31.4 24.1 36.1
125 34.9 19.1 28.7

Manual Integrations
APPROVED

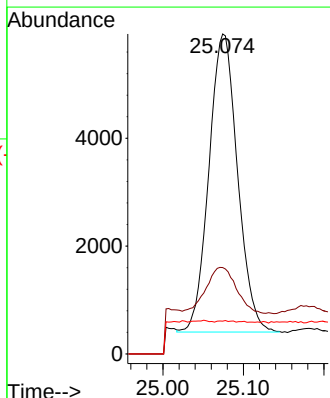
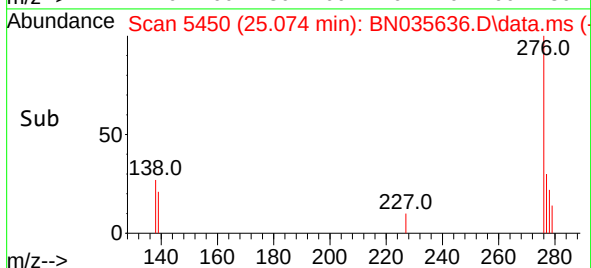
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

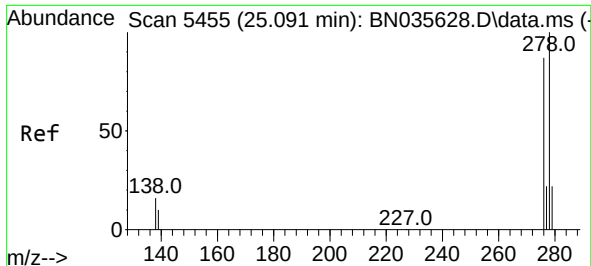


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul m
RT: 25.074 min Scan# 5450
Delta R.T. -0.007 min
Lab File: BN035636.D
Acq: 17 Dec 2024 03:12



Tgt Ion:276 Resp: 13667
Ion Ratio Lower Upper
276 100
138 0.0 14.7 22.1#
227 0.0 21.6 32.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.117 ng/ul m

RT: 25.088 min Scan# 5455

Delta R.T. -0.013 min

Lab File: BN035636.D

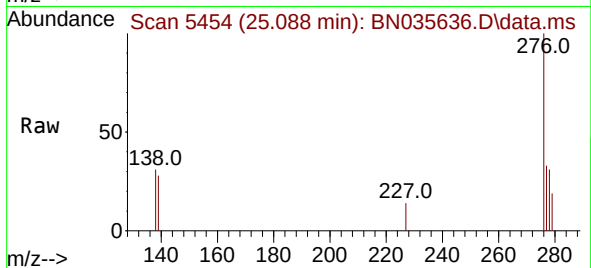
Acq: 17 Dec 2024 03:12

Instrument :

BNA_N

ClientSampleId :

E28R8



Tgt Ion:278 Resp: 3474

Ion Ratio Lower Upper

278 100

139 89.5 19.8 29.8

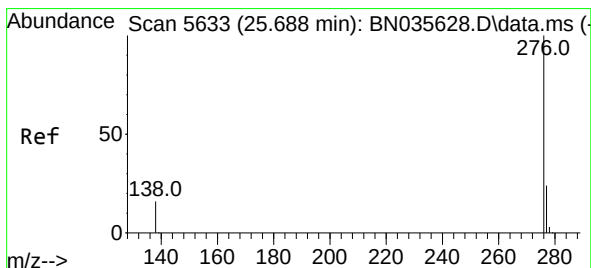
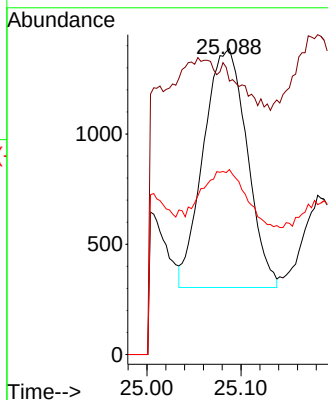
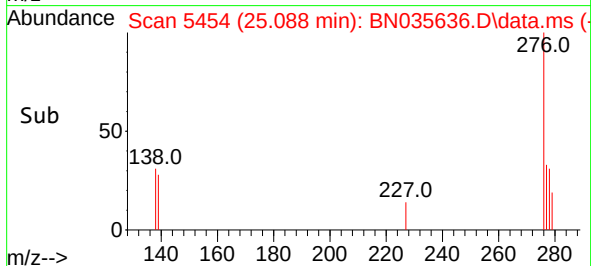
279 60.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/21/2024



#29

Benzo(g,h,i)perylene

Concen: 0.486 ng/ul m

RT: 25.691 min Scan# 5634

Delta R.T. -0.007 min

Lab File: BN035636.D

Acq: 17 Dec 2024 03:12

Tgt Ion:276 Resp: 15210

Ion Ratio Lower Upper

276 100

138 27.1 19.6 29.4

277 29.4 21.6 32.4

