

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035653.D
 Acq On : 17 Dec 2024 14:12
 Operator : RC/JU
 Sample : P5153-21DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R4DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 04:25:05 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	2878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	8514	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5747	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12030	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	10020	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	10986	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1668	0.654	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	437	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	1068	0.036	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	9944m	0.476	ng/ul	
7) 2-Methylnaphthalene	11.708	142	4601	0.327	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	1713	0.118	ng/ul	100
10) Acenaphthylene	13.657	152	1911	0.086	ng/ul#	89
11) Acenaphthene	14.009	153	550	0.033	ng/ul#	94
12) Fluorene	15.008	166	929	0.047	ng/ul#	90
15) Phenanthrene	16.755	178	22460	0.746	ng/ul	99
16) Anthracene	16.844	178	5466	0.194	ng/ul	95
19) Fluoranthene	18.795	202	37376	1.043	ng/ul	99
20) Pyrene	19.163	202	38480	0.975	ng/ul	99
21) Benzo(a)anthracene	20.944	228	25783	0.776	ng/ul	95
22) Chrysene	20.996	228	34148	0.990	ng/ul	97
24) Benzo(b)fluoranthene	22.440	252	58010m	1.792	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	20155m	0.563	ng/ul	
26) Benzo(a)pyrene	22.960	252	41144	1.312	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.078	276	35274m	0.924	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	7983m	0.274	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	41359	1.350	ng/ul	94

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

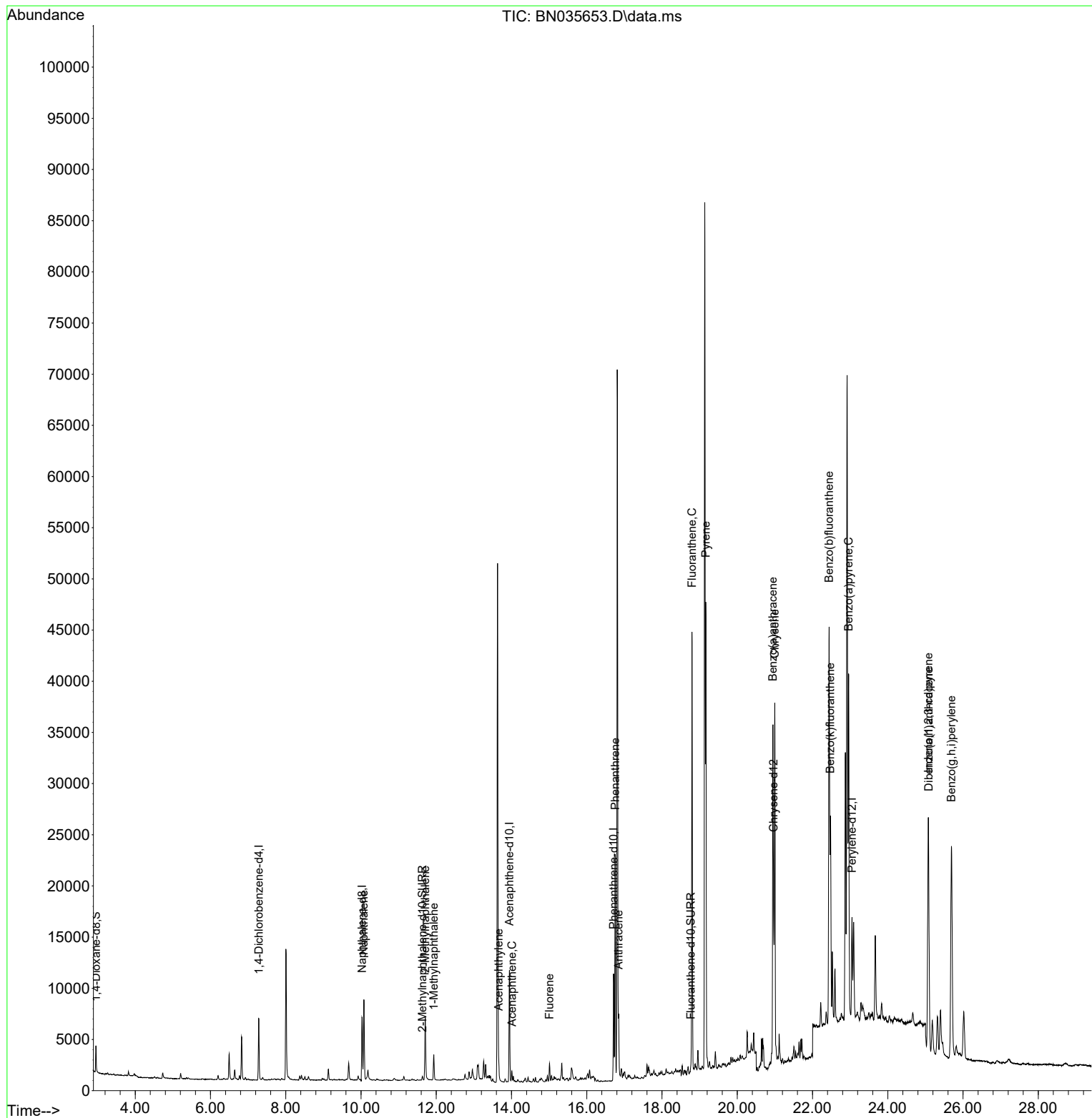
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035653.D
Acq On : 17 Dec 2024 14:12
Operator : RC/JU
Sample : P5153-21DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

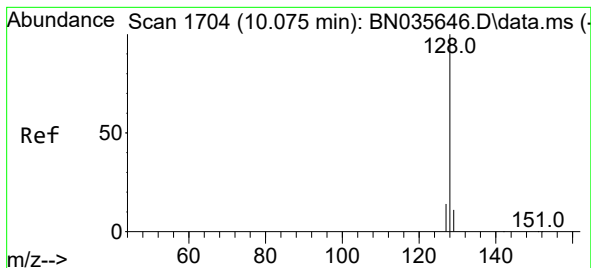
Instrument :
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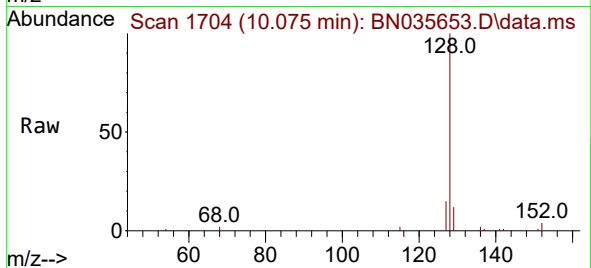
Quant Time: Dec 21 04:25:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.476 ng/ul m
RT: 10.075 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

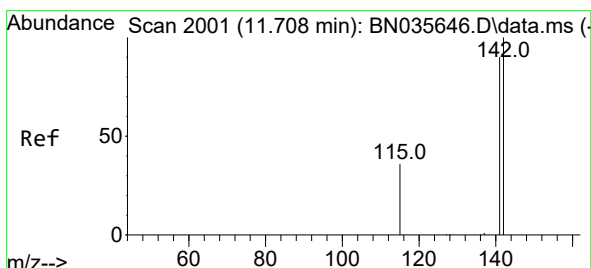
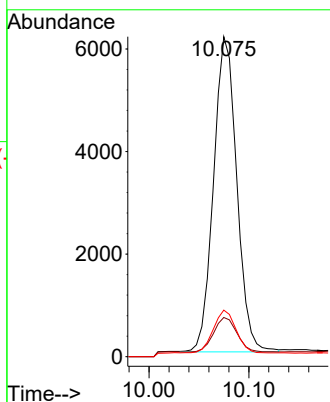
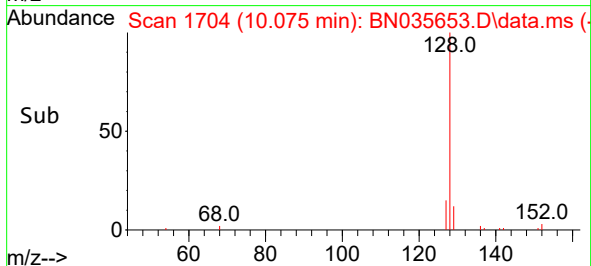
Instrument :
BNA_N
ClientSampleId :
E28R4DL



Tgt Ion:128 Resp: 994
Ion Ratio Lower Upper
128 100
129 12.3 10.8 16.2
127 14.6 12.0 18.0

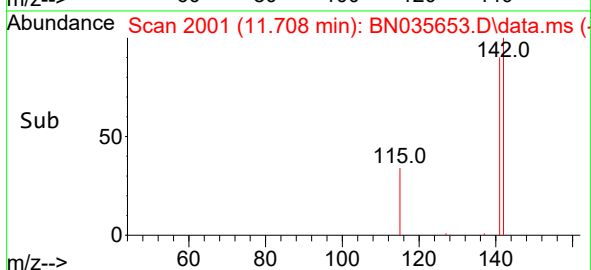
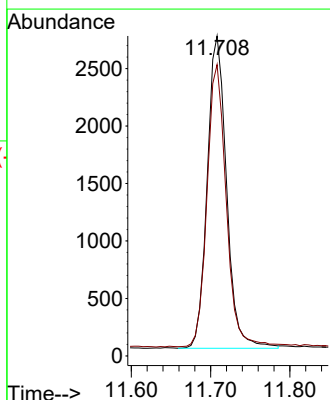
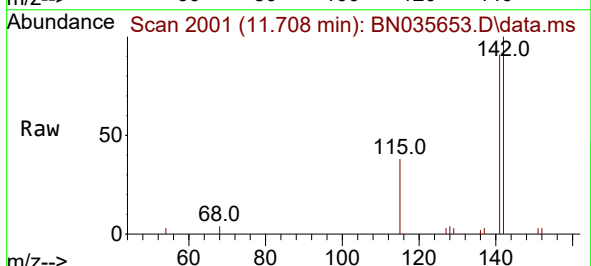
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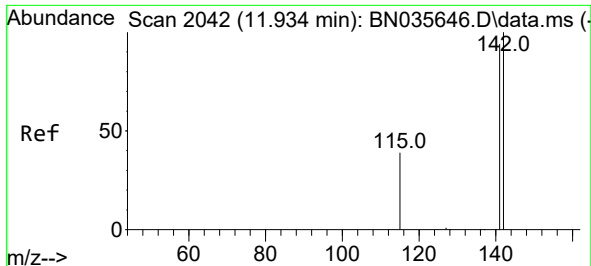
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

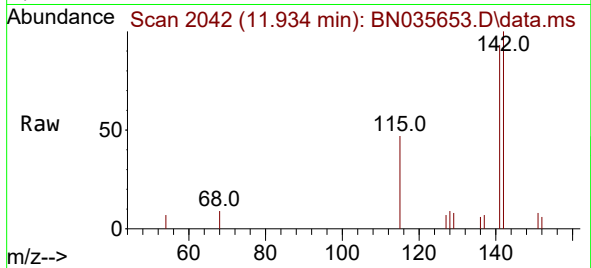
Tgt Ion:142 Resp: 4601
Ion Ratio Lower Upper
142 100
141 89.7 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

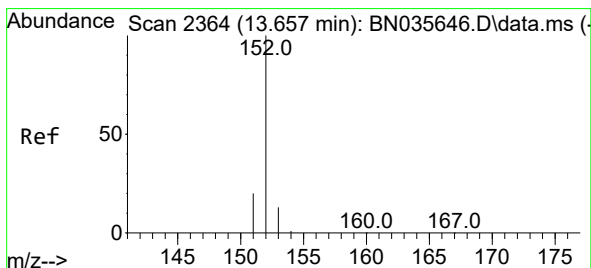
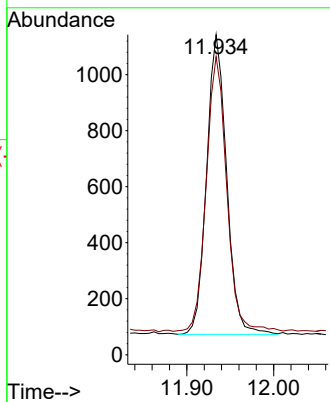
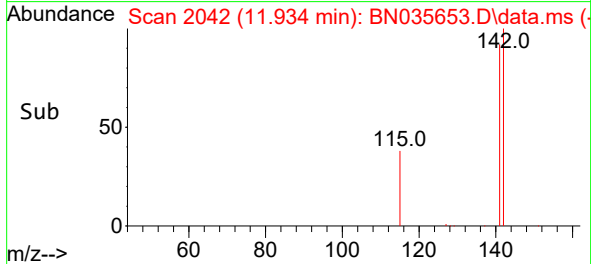
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1711
Ion Ratio Lower Upper
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141 93.3 74.7 112.1

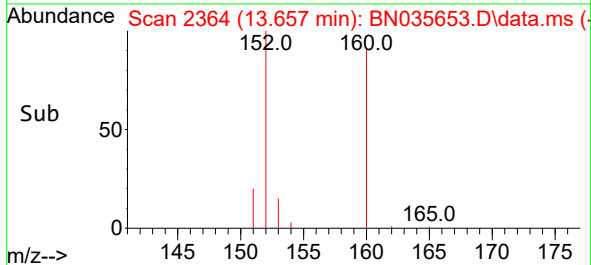
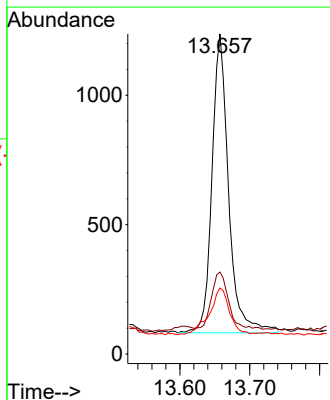
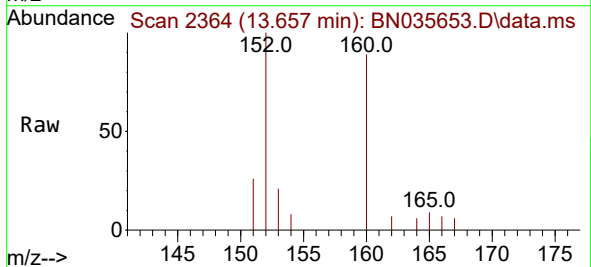
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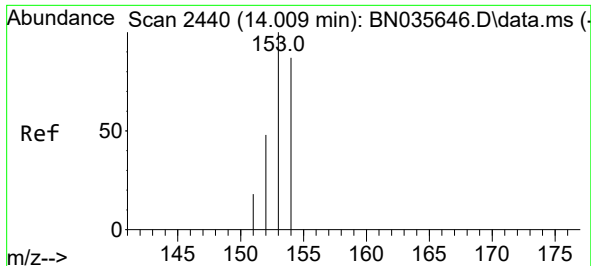
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.086 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

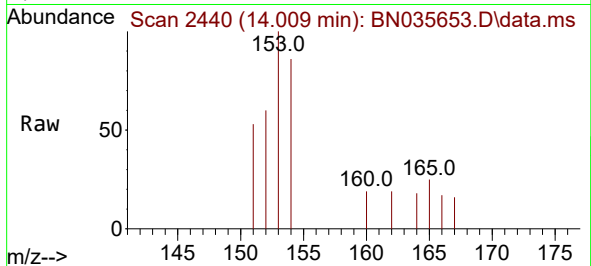
Tgt Ion:152 Resp: 1911
Ion Ratio Lower Upper
152 100
151 25.6 17.6 26.4
153 20.6 11.4 17.2#





#11
Acenaphthene
Concen: 0.033 ng/u1
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

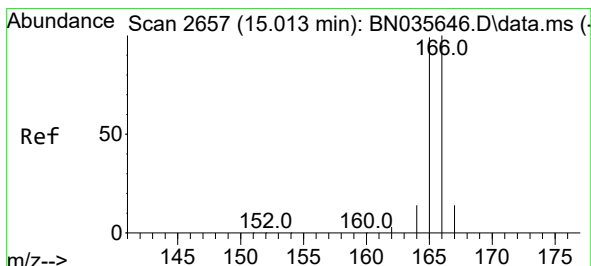
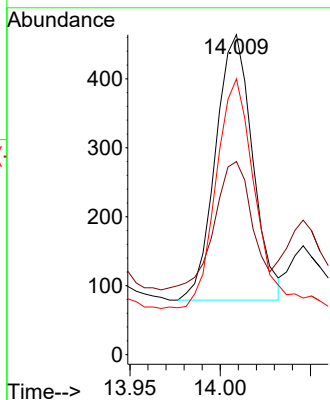
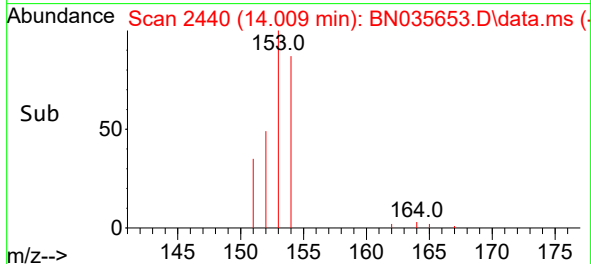
Instrument :
BNA_N
ClientSampleId :
E28R4DL



Tgt Ion:153 Resp: 550
Ion Ratio Lower Upper
153 100
152 60.3 39.8 59.6
154 86.2 69.8 104.8

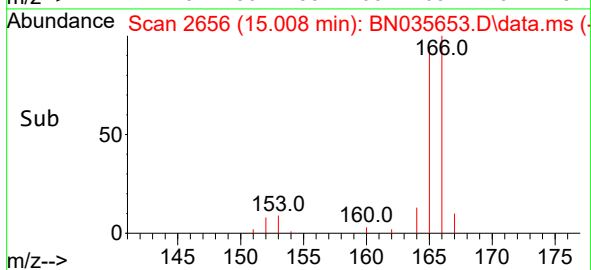
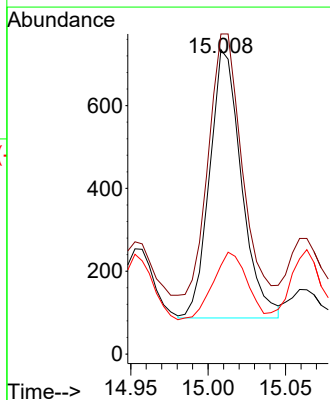
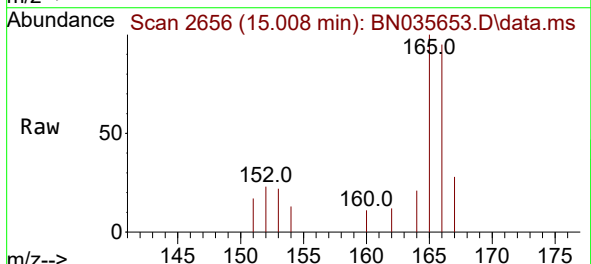
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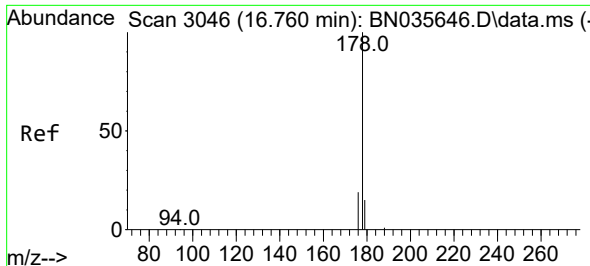
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#12
Fluorene
Concen: 0.047 ng/u1
RT: 15.008 min Scan# 2656
Delta R.T. -0.005 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

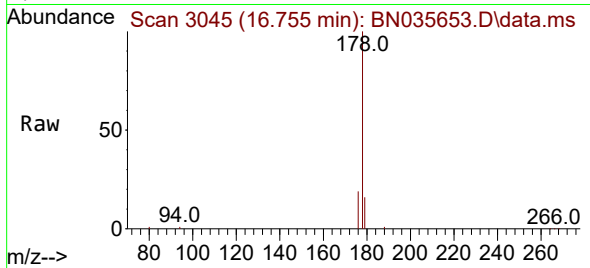
Tgt Ion:166 Resp: 929
Ion Ratio Lower Upper
166 100
165 105.2 79.5 119.3
167 29.1 11.8 17.8#





#15
Phenanthrene
Concen: 0.746 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

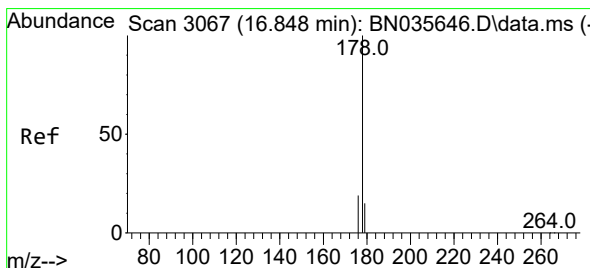
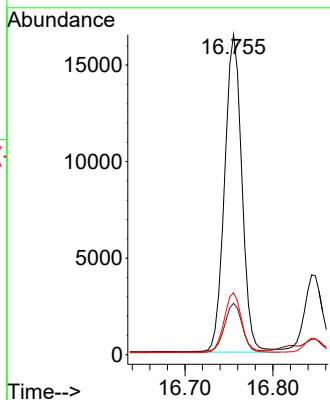
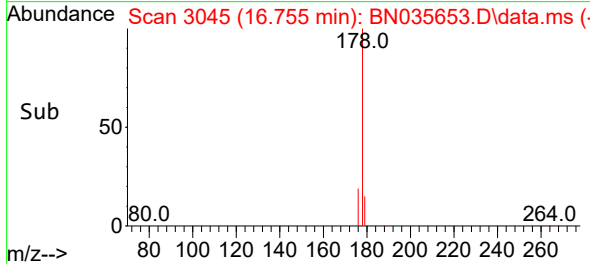
Instrument :
BNA_N
ClientSampleId :
E28R4DL



Tgt Ion:178 Resp: 22460
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.4 15.8 23.8

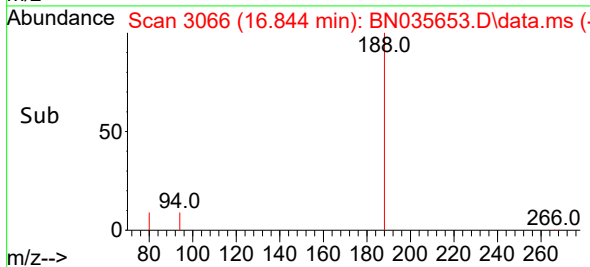
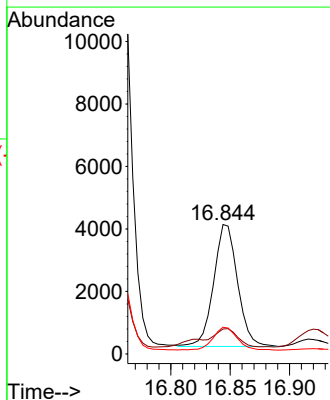
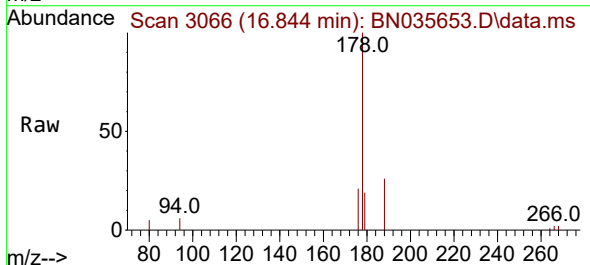
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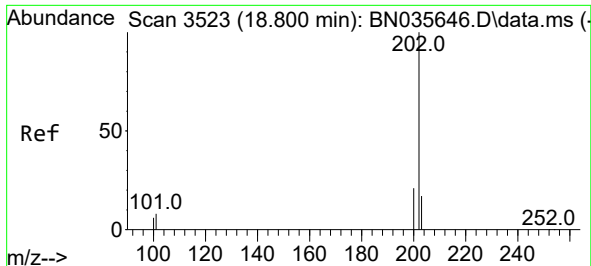
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#16
Anthracene
Concen: 0.194 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

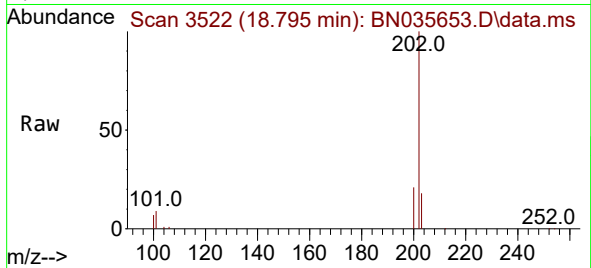
Tgt Ion:178 Resp: 5466
Ion Ratio Lower Upper
178 100
179 19.3 13.4 20.0
176 20.7 15.4 23.0





#19
Fluoranthene
Concen: 1.043 ng/ul
RT: 18.795 min Scan# 3523
Delta R.T. -0.005 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

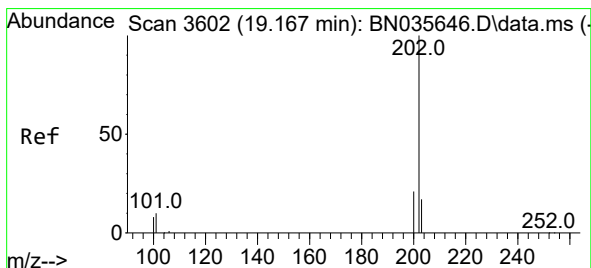
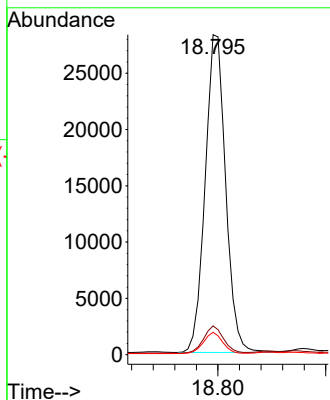
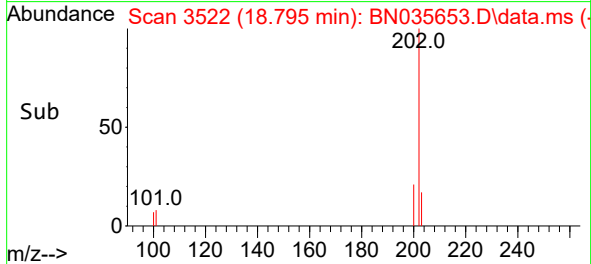
Instrument :
BNA_N
ClientSampleId :
E28R4DL



Tgt Ion:202 Resp: 37370
Ion Ratio Lower Upper
202 100
101 9.0 7.3 10.9
100 7.0 5.4 8.0

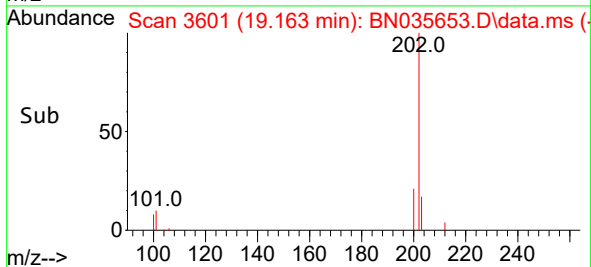
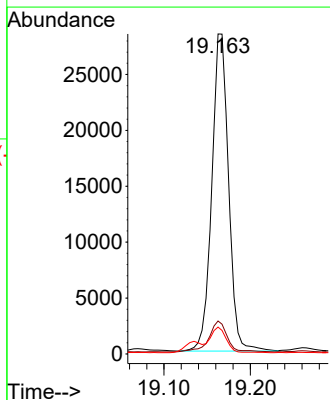
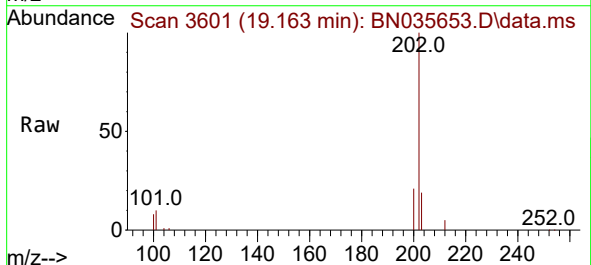
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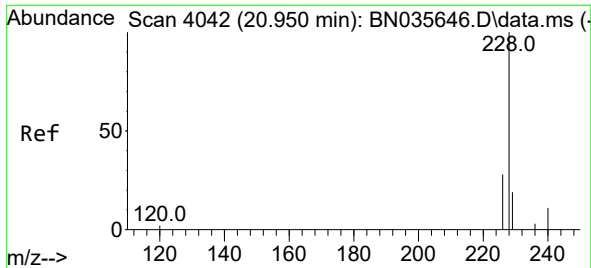
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#20
Pyrene
Concen: 0.975 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

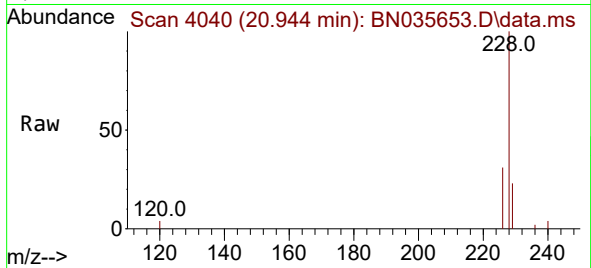
Tgt Ion:202 Resp: 38480
Ion Ratio Lower Upper
202 100
101 10.3 8.5 12.7
100 8.4 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.776 ng/ul
RT: 20.944 min Scan# 4042
Delta R.T. -0.006 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

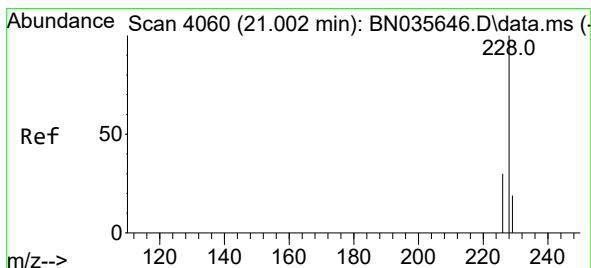
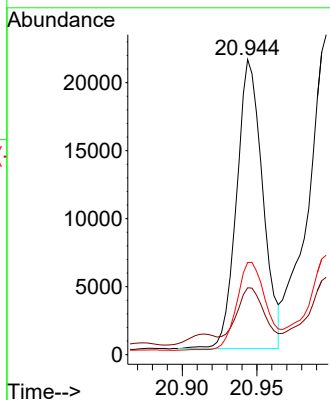
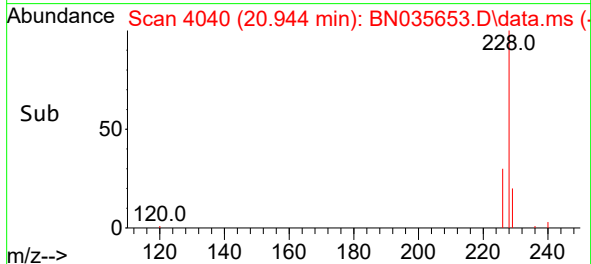
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E28R4DL



Tgt Ion:228 Resp: 2578
Ion Ratio Lower Upper
228 100
229 22.7 16.6 25.0
226 31.2 22.5 33.7

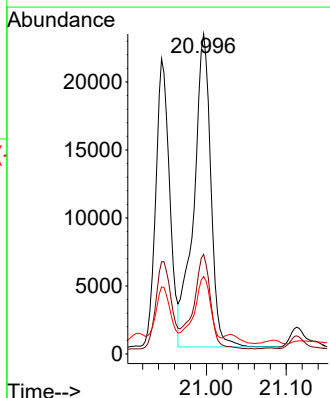
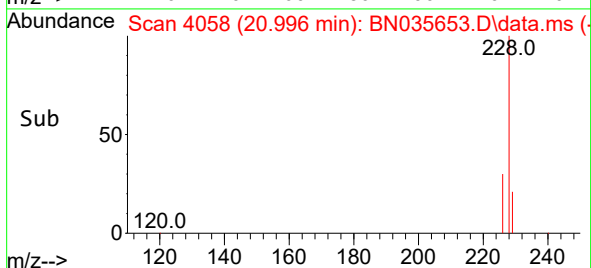
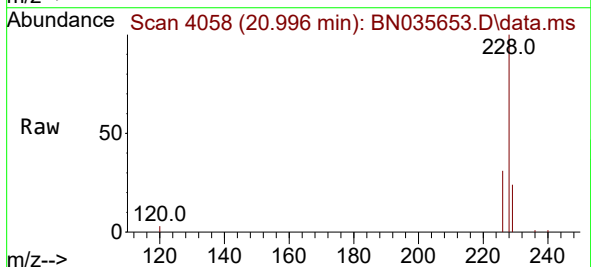
Manual Integrations
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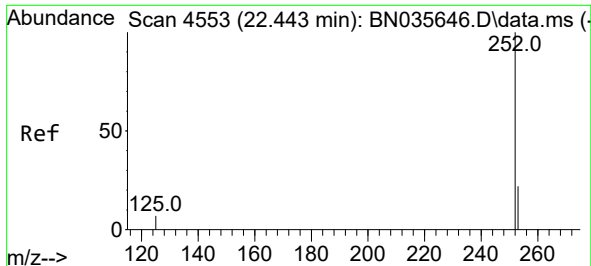
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 0.990 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

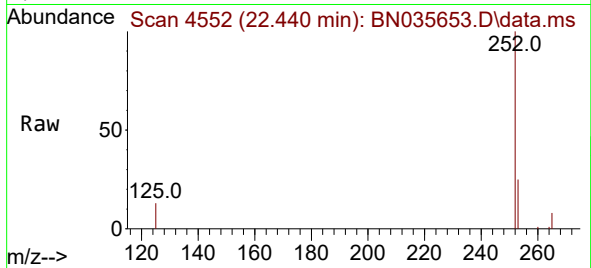
Tgt Ion:228 Resp: 34148
Ion Ratio Lower Upper
228 100
226 31.1 25.1 37.7
229 24.2 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 1.792 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

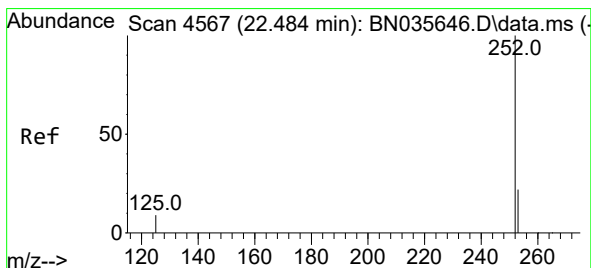
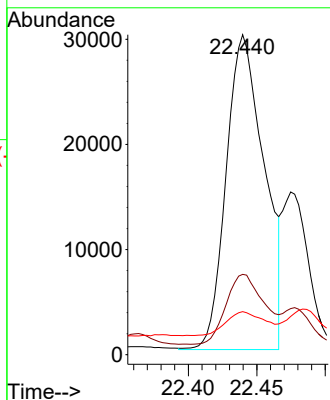
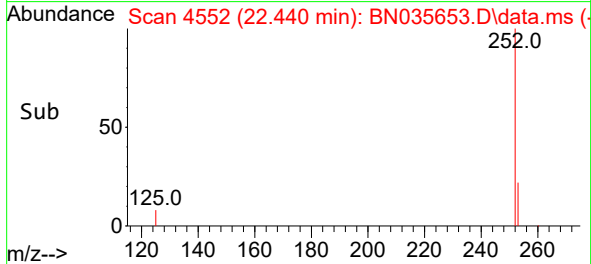
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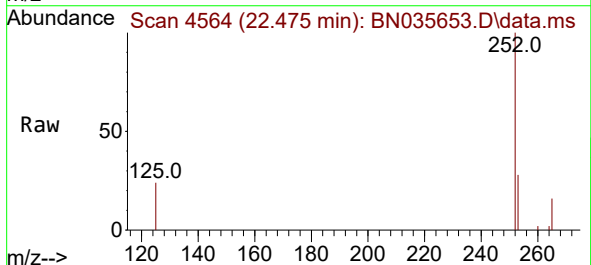
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Ion Ratio Lower Upper
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253 25.1 0.0 56.4
125 13.4 0.0 37.6

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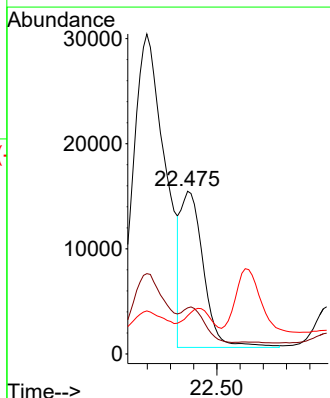
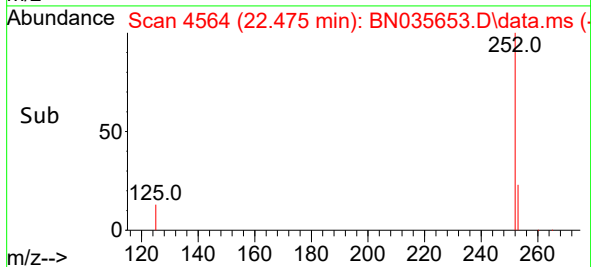
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

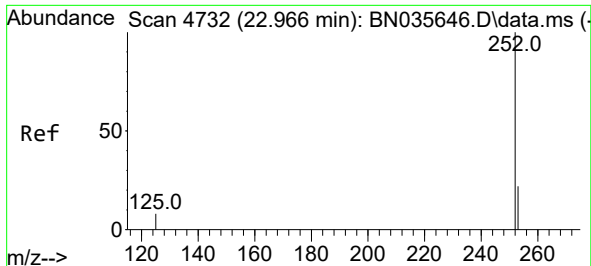


#25
Benzo(k)fluoranthene
Concen: 0.563 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12



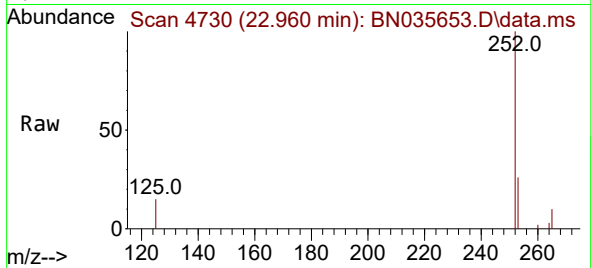
Tgt Ion:252 Resp: 20155
Ion Ratio Lower Upper
252 100
253 28.3 22.1 33.1
125 23.5 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 1.312 ng/ul
RT: 22.960 min Scan# 4114
Delta R.T. -0.003 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

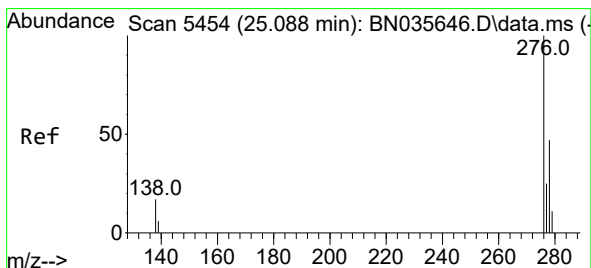
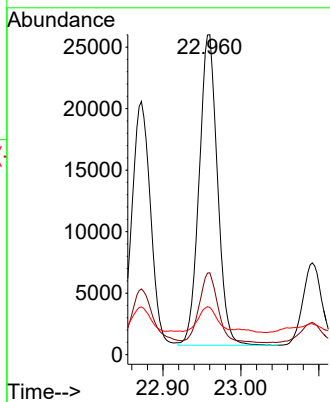
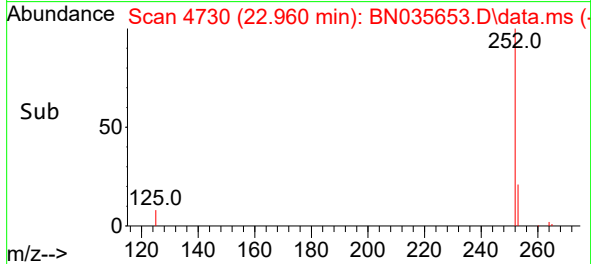
Instrument :
BNA_N
ClientSampleId :
E28R4DL



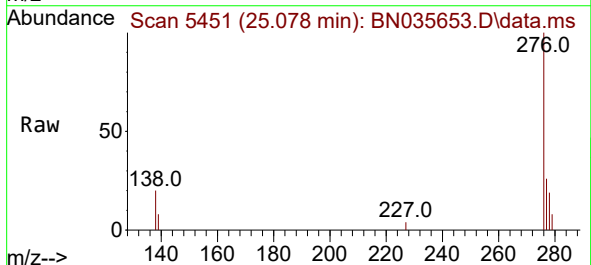
Tgt Ion:252 Resp: 41144
Ion Ratio Lower Upper
252 100
253 25.6 24.1 36.1
125 14.8 19.1 28.7

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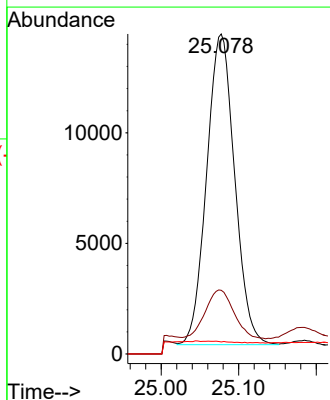
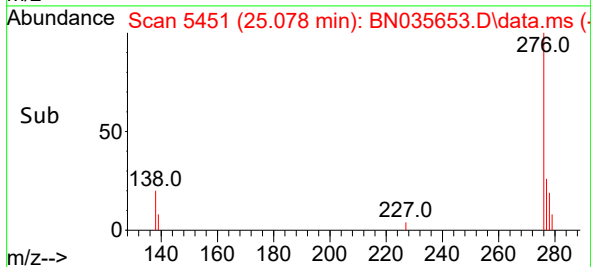
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

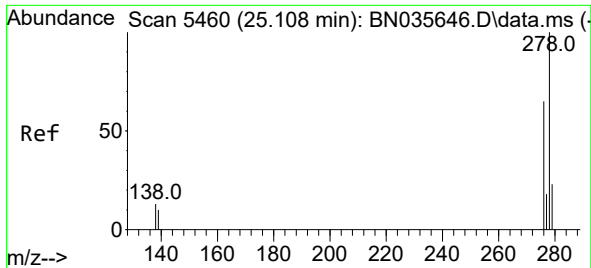


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.924 ng/ul m
RT: 25.078 min Scan# 5451
Delta R.T. -0.003 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12



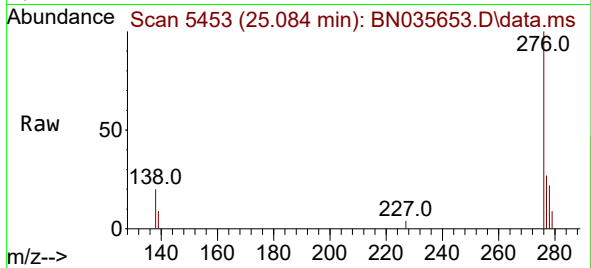
Tgt Ion:276 Resp: 35274
Ion Ratio Lower Upper
276 100
138 30.6 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.274 ng/ul m
RT: 25.084 min Scan# 5460
Delta R.T. -0.017 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

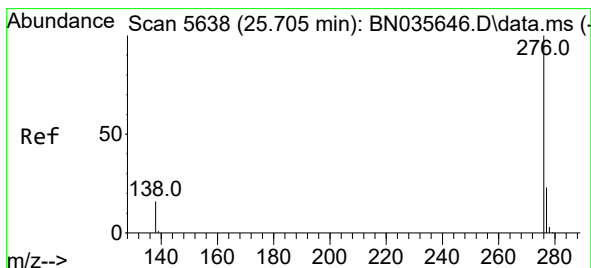
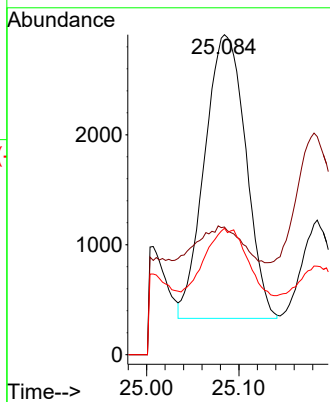
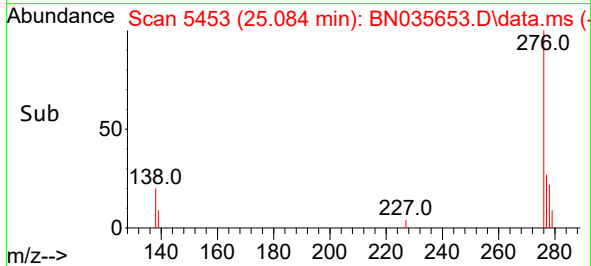
Instrument :
BNA_N
ClientSampleId :
E28R4DL



Tgt Ion:278 Resp: 798
Ion Ratio Lower Upper
278 100
139 39.9 19.8 29.8
279 39.5 24.0 36.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.350 ng/ul
RT: 25.691 min Scan# 5634
Delta R.T. -0.007 min
Lab File: BN035653.D
Acq: 17 Dec 2024 14:12

Tgt Ion:276 Resp: 41359
Ion Ratio Lower Upper
276 100
138 19.9 19.6 29.4
277 25.5 21.6 32.4

