

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035640.D
 Acq On : 17 Dec 2024 05:36
 Operator : RC/JU
 Sample : P5232-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S8

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 05:59:20 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	2848	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	8482	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5999	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	13000	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	10854	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	11746m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	7180	2.843	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2093	0.173	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	4227	0.133	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.080	128	3544m	0.170	ng/ul	
7) 2-Methylnaphthalene	11.708	142	3085	0.220	ng/ul	98
8) 1-Methylnaphthalene	11.934	142	2235	0.154	ng/ul	99
10) Acenaphthylene	13.657	152	3797	0.163	ng/ul#	95
11) Acenaphthene	14.009	153	419	0.024	ng/ul#	90
12) Fluorene	15.013	166	714	0.035	ng/ul#	87
15) Phenanthrene	16.755	178	14266	0.438	ng/ul	100
16) Anthracene	16.848	178	4298	0.141	ng/ul#	91
19) Fluoranthene	18.800	202	39810	1.026	ng/ul	97
20) Pyrene	19.167	202	35460	0.829	ng/ul	98
21) Benzo(a)anthracene	20.944	228	19724	0.548	ng/ul	92
22) Chrysene	20.996	228	25429m	0.681	ng/ul	
24) Benzo(b)fluoranthene	22.440	252	38906m	1.124	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	13794m	0.360	ng/ul	
26) Benzo(a)pyrene	22.960	252	25203	0.752	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.074	276	20319m	0.498	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	4754m	0.153	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	21718	0.663	ng/ul	98

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

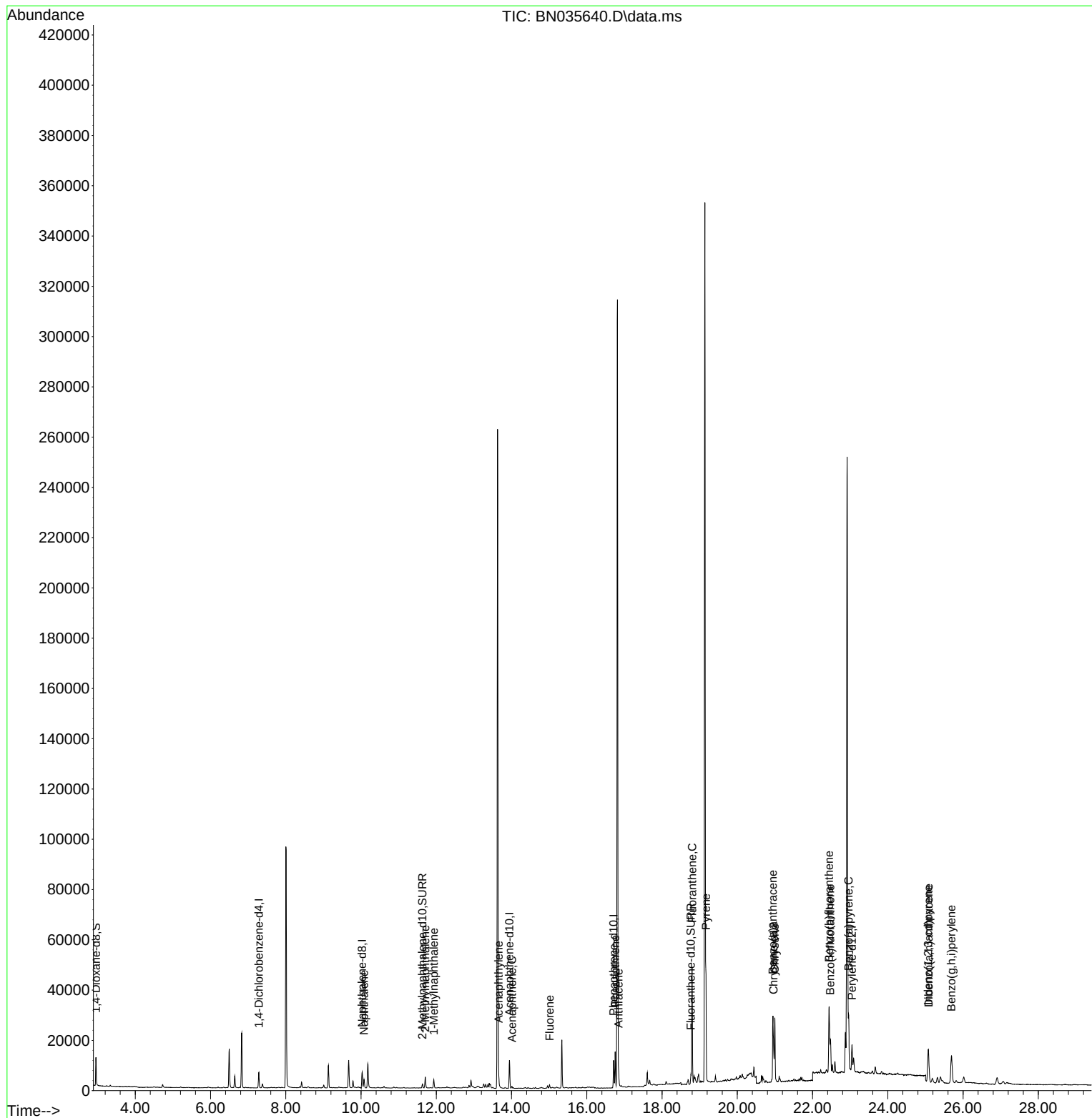
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035640.D
Acq On : 17 Dec 2024 05:36
Operator : RC/JU
Sample : P5232-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

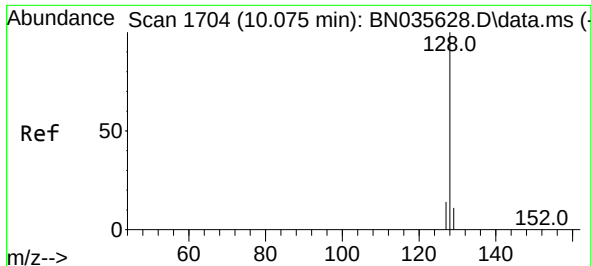
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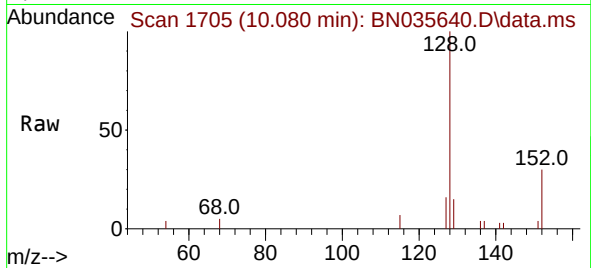
Quant Time: Dec 17 05:59:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#5
Naphthalene
Concen: 0.170 ng/ul m
RT: 10.080 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035640.D
Acq: 17 Dec 2024 05:36

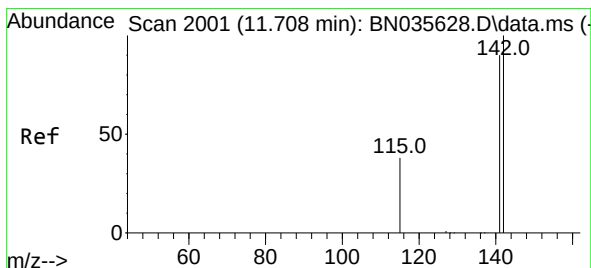
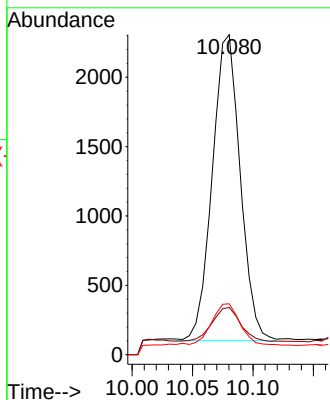
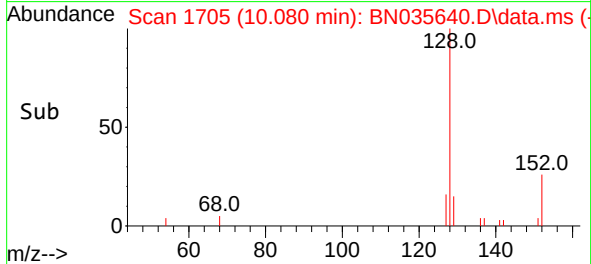
Instrument :
BNA_N
ClientSampleId :
E28S8



Tgt Ion:128 Resp: 354
Ion Ratio Lower Upper
128 100
129 14.7 10.8 16.2
127 15.9 12.0 18.0

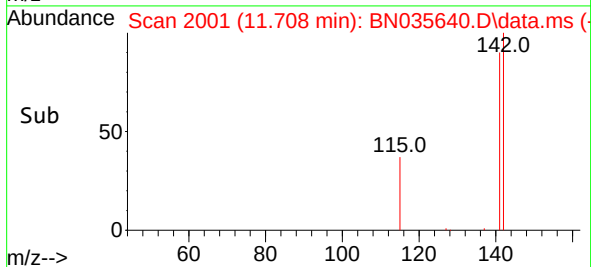
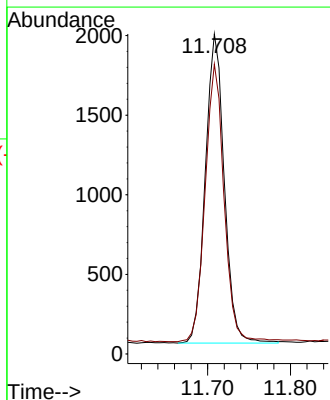
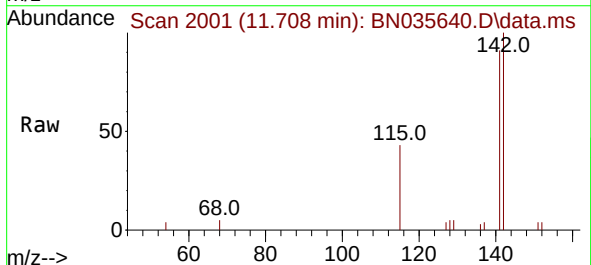
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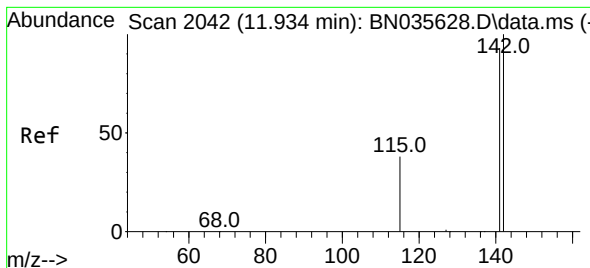
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Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035640.D
Acq: 17 Dec 2024 05:36

Tgt Ion:142 Resp: 3085
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.154 ng/ul

RT: 11.934 min Scan# 2042

Delta R.T. -0.005 min

Lab File: BN035640.D

Acq: 17 Dec 2024 05:36

Instrument :

BNA_N

ClientSampleId :

E28S8

Tgt Ion:142 Resp: 2239

Ion Ratio Lower Upper

142 100

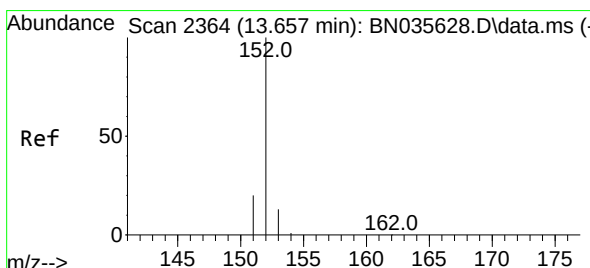
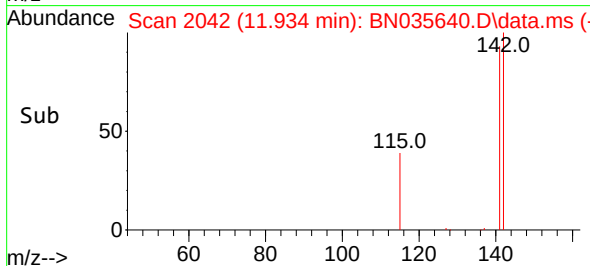
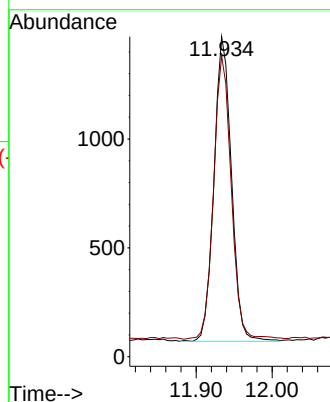
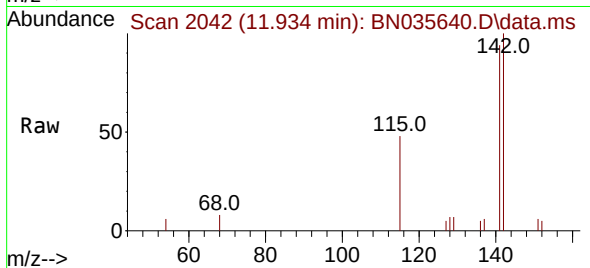
141 94.0 74.7 112.1

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#10

Acenaphthylene

Concen: 0.163 ng/ul

RT: 13.657 min Scan# 2364

Delta R.T. -0.005 min

Lab File: BN035640.D

Acq: 17 Dec 2024 05:36

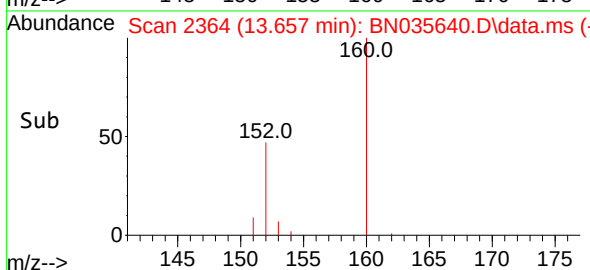
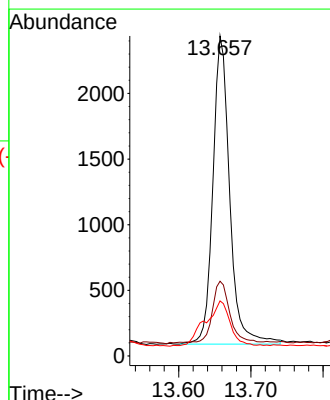
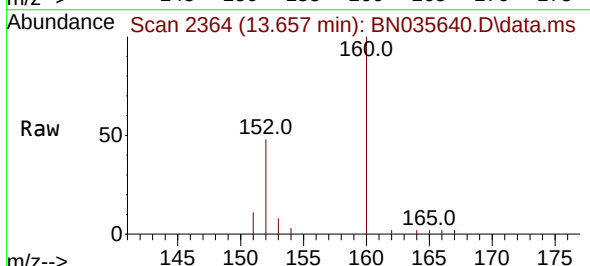
Tgt Ion:152 Resp: 3797

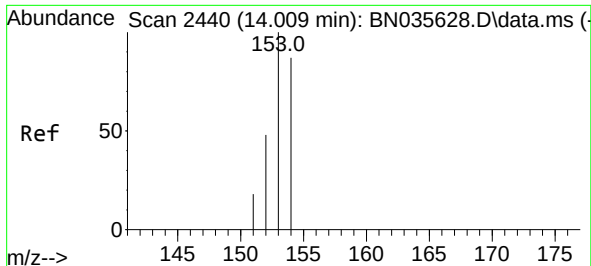
Ion Ratio Lower Upper

152 100

151 23.3 17.6 26.4

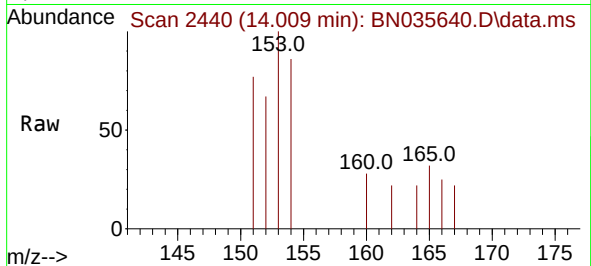
153 17.2 11.4 17.2#





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035640.D
Acq: 17 Dec 2024 05:36

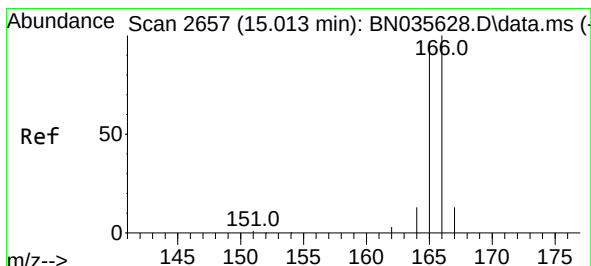
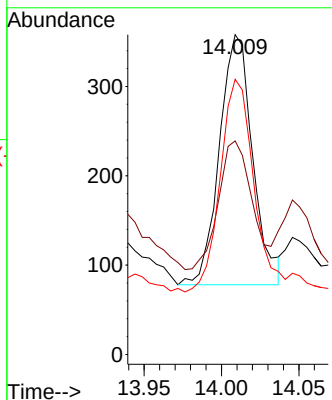
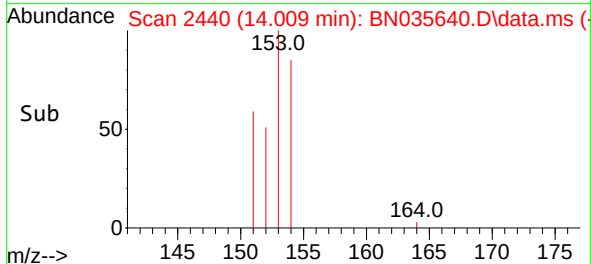
Instrument :
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Tgt Ion:153 Resp: 419
Ion Ratio Lower Upper
153 100
152 66.8 39.8 59.6
154 86.0 69.8 104.8

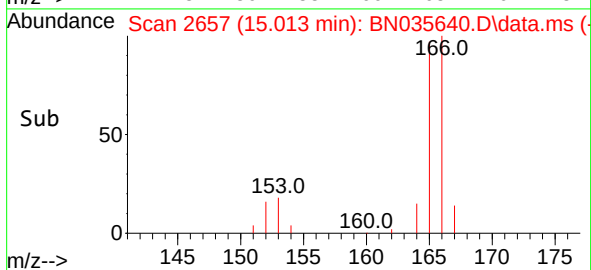
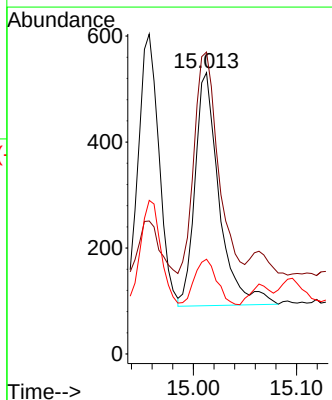
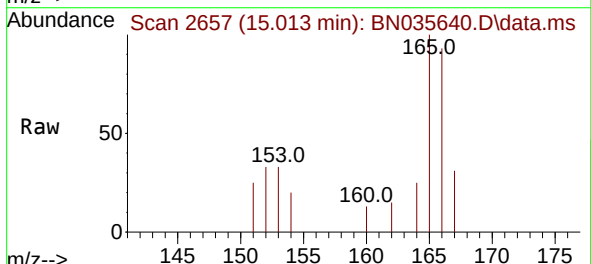
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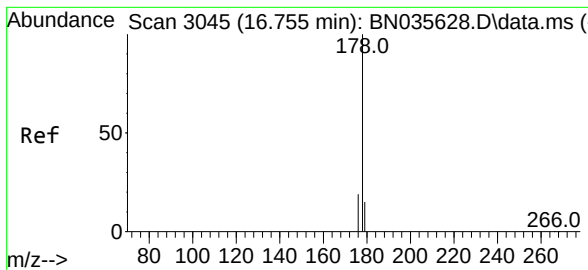
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#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035640.D
Acq: 17 Dec 2024 05:36

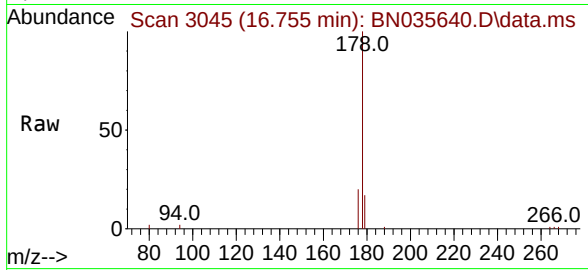
Tgt Ion:166 Resp: 714
Ion Ratio Lower Upper
166 100
165 107.3 79.5 119.3
167 33.7 11.8 17.8#





#15
 Phenanthrene
 Concen: 0.438 ng/ul
 RT: 16.755 min Scan# 3045
 Delta R.T. -0.004 min
 Lab File: BN035640.D
 Acq: 17 Dec 2024 05:36

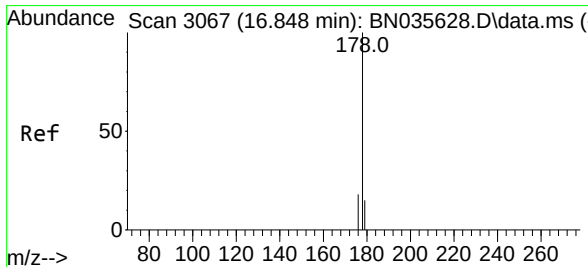
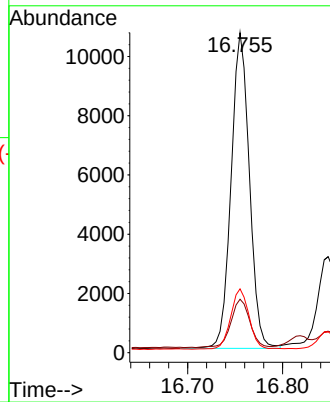
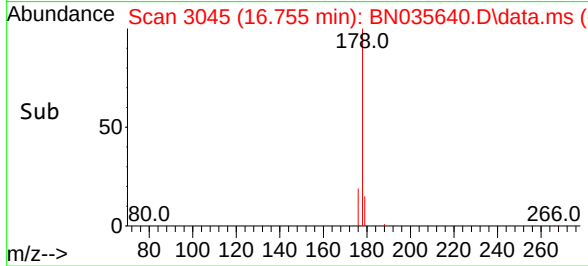
Instrument :
 BNA_N
 ClientSampleId :
 E28S8



Tgt Ion:178 Resp: 1426
 Ion Ratio Lower Upper
 178 100
 179 16.7 13.3 19.9
 176 19.9 15.8 23.8

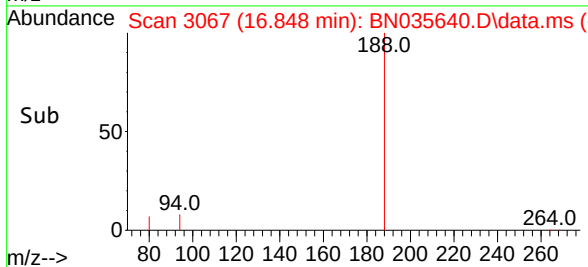
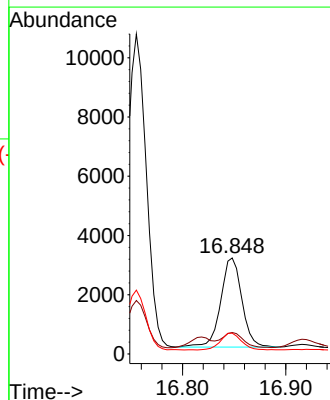
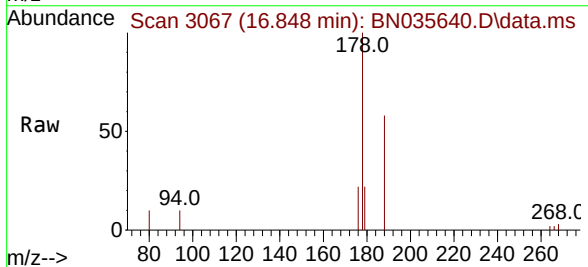
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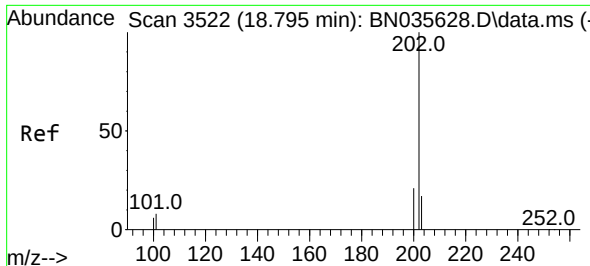
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#16
 Anthracene
 Concen: 0.141 ng/ul
 RT: 16.848 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BN035640.D
 Acq: 17 Dec 2024 05:36

Tgt Ion:178 Resp: 4298
 Ion Ratio Lower Upper
 178 100
 179 22.4 13.4 20.0#
 176 21.8 15.4 23.0





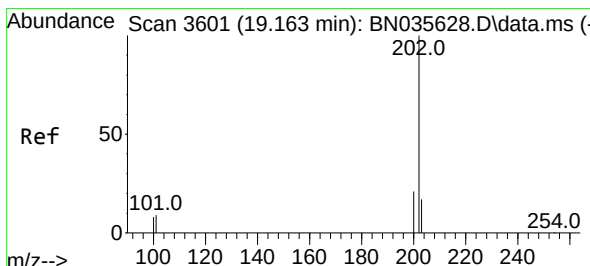
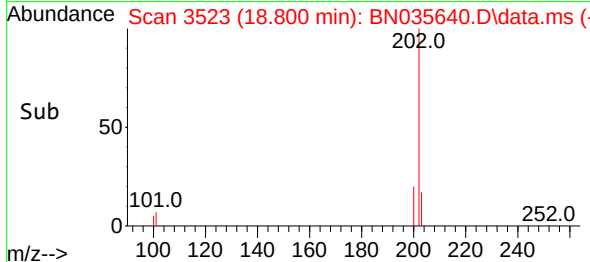
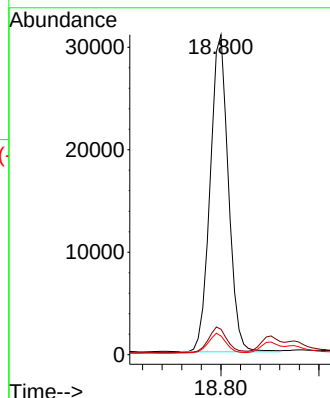
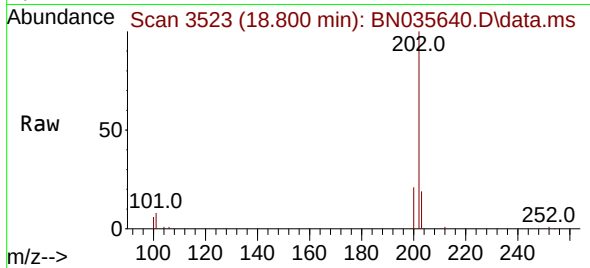
#19
Fluoranthene
Concen: 1.026 ng/ul
RT: 18.800 min Scan# 3010
Delta R.T. 0.000 min
Lab File: BN035640.D
Acq: 17 Dec 2024 05:36

Instrument :
BNA_N
ClientSampleId :
E28S8

Tgt Ion:202 Resp: 39810
Ion Ratio Lower Upper
202 100
101 8.0 7.3 10.9
100 5.9 5.4 8.0

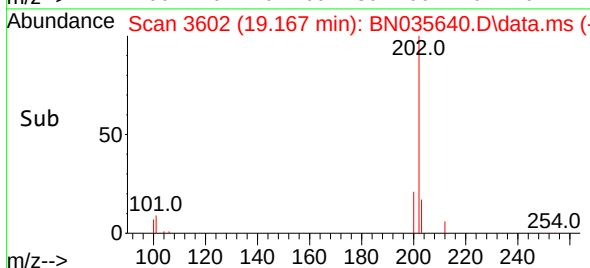
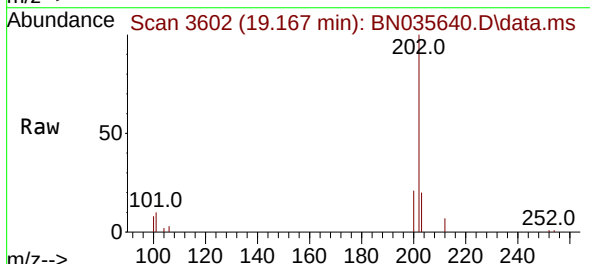
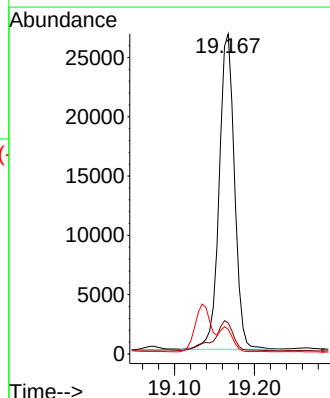
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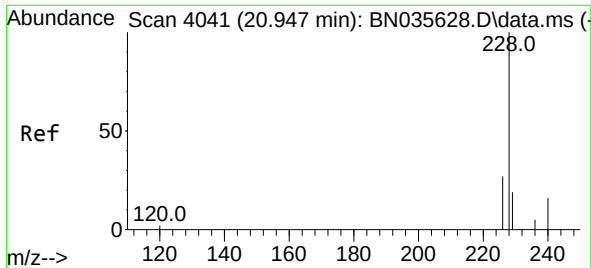
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Supervised By :mohammad ahmed 12/21/2024



#20
Pyrene
Concen: 0.829 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035640.D
Acq: 17 Dec 2024 05:36

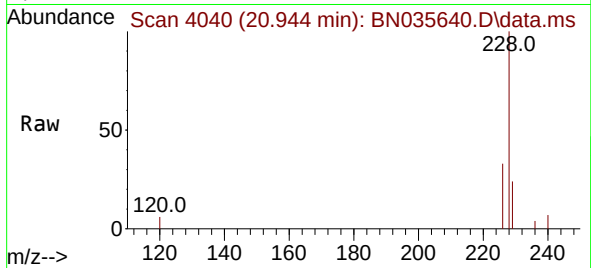
Tgt Ion:202 Resp: 35460
Ion Ratio Lower Upper
202 100
101 9.7 8.5 12.7
100 7.7 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.548 ng/ul
RT: 20.944 min Scan# 4041
Delta R.T. -0.006 min
Lab File: BN035640.D
Acq: 17 Dec 2024 05:36

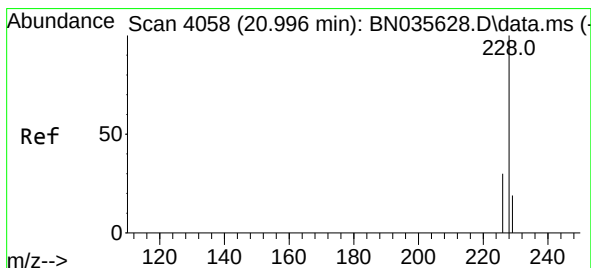
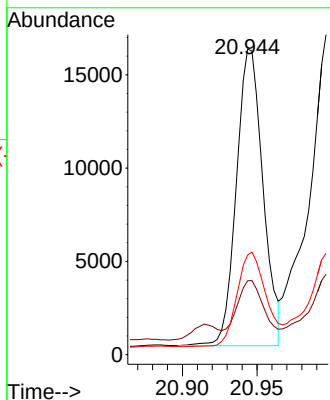
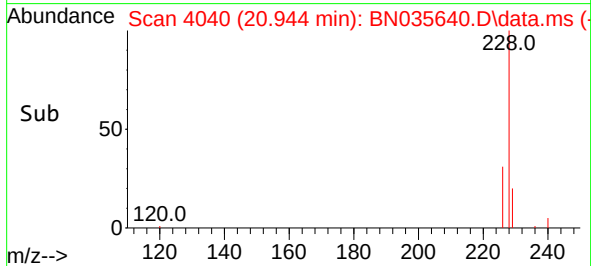
Instrument :
BNA_N
ClientSampleId :
E28S8



Tgt Ion:228 Resp: 19724
Ion Ratio Lower Upper
228 100
229 24.2 16.6 25.0
226 32.6 22.5 33.7

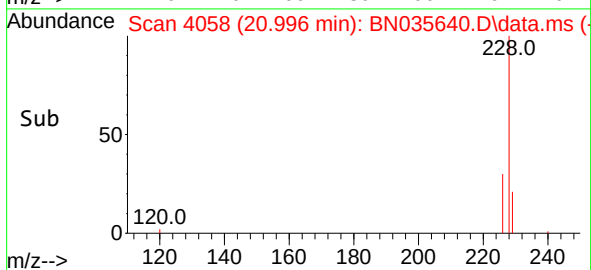
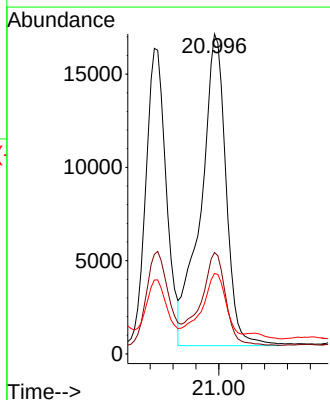
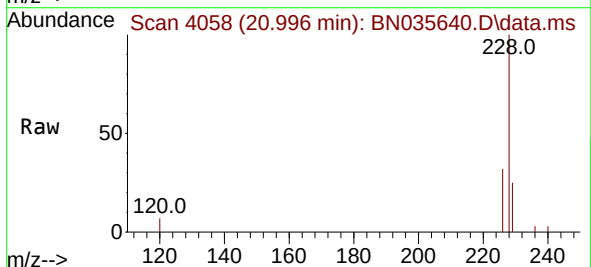
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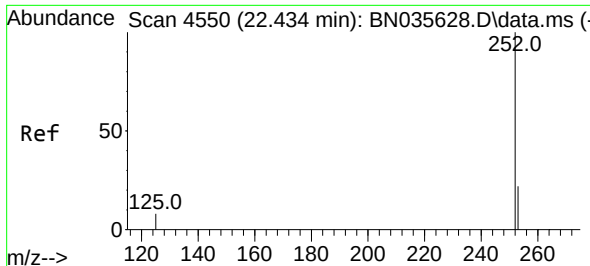
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 0.681 ng/ul m
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035640.D
Acq: 17 Dec 2024 05:36

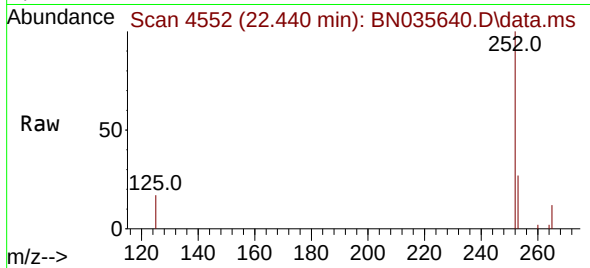
Tgt Ion:228 Resp: 25429
Ion Ratio Lower Upper
228 100
226 31.7 25.1 37.7
229 25.1 16.6 24.8#





#24
Benzo(b)fluoranthene
Concen: 1.124 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035640.D
Acq: 17 Dec 2024 05:36

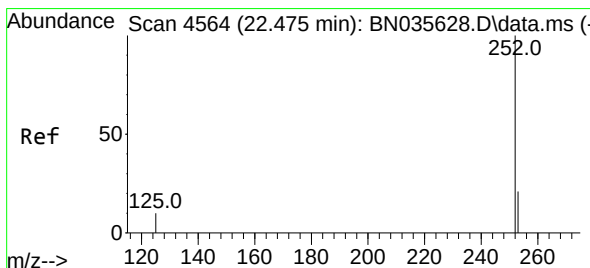
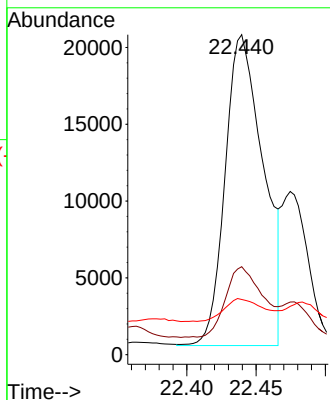
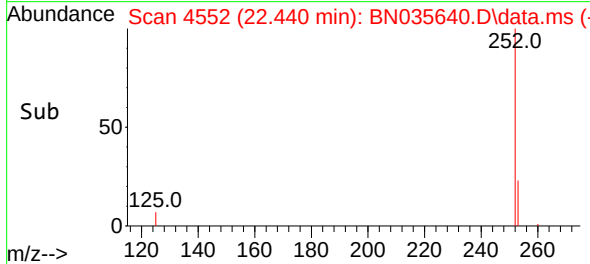
Instrument :
BNA_N
ClientSampleId :
E28S8



Tgt Ion:252 Resp: 38900
Ion Ratio Lower Upper
252 100
253 27.5 0.0 56.4
125 17.2 0.0 37.6

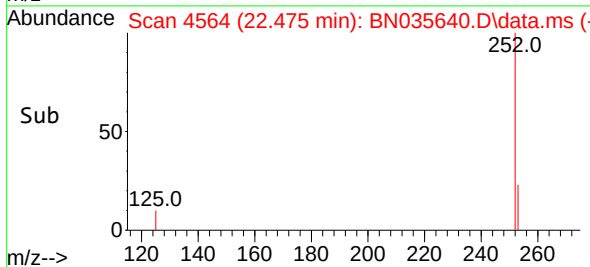
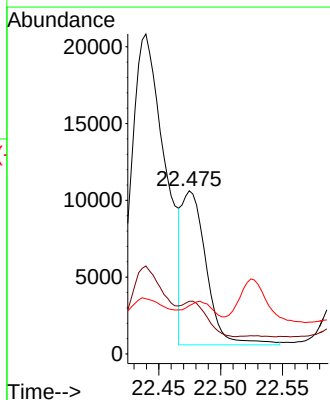
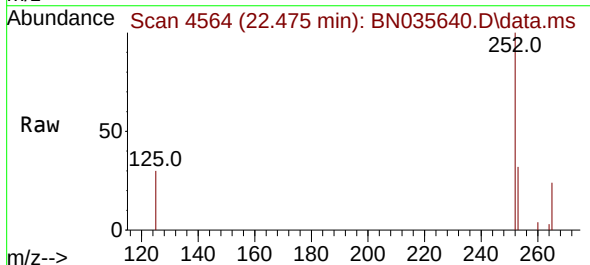
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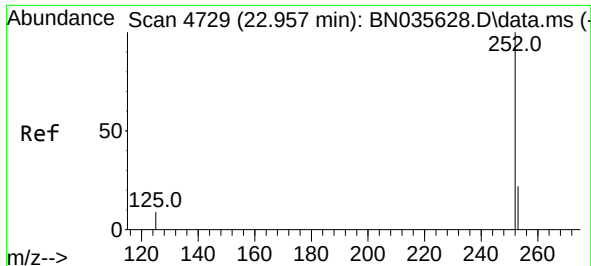
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035640.D
Acq: 17 Dec 2024 05:36

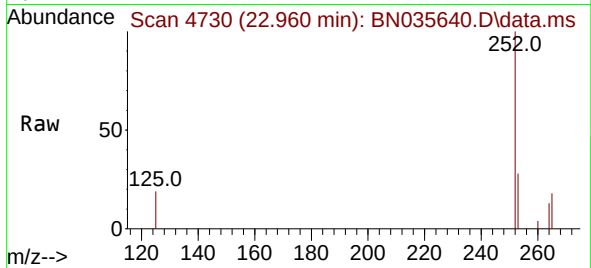
Tgt Ion:252 Resp: 13794
Ion Ratio Lower Upper
252 100
253 32.3 22.1 33.1
125 29.6 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.752 ng/ul
RT: 22.960 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BN035640.D
Acq: 17 Dec 2024 05:36

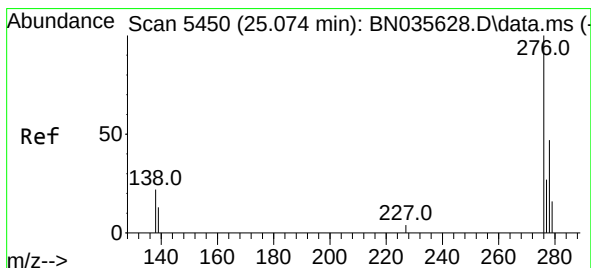
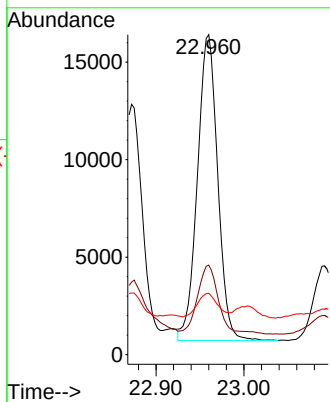
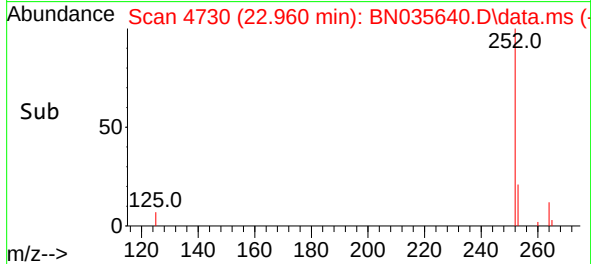
Instrument :
BNA_N
ClientSampleId :
E28S8



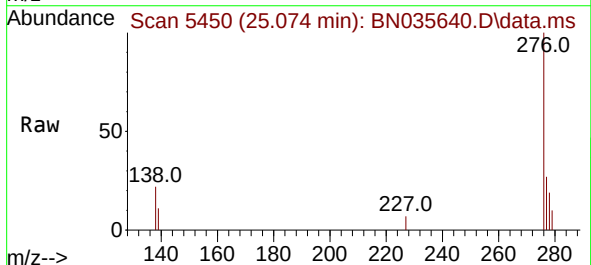
Tgt Ion:252 Resp: 2520
Ion Ratio Lower Upper
252 100
253 28.0 24.1 36.1
125 19.2 19.1 28.7

Manual Integrations
APPROVED

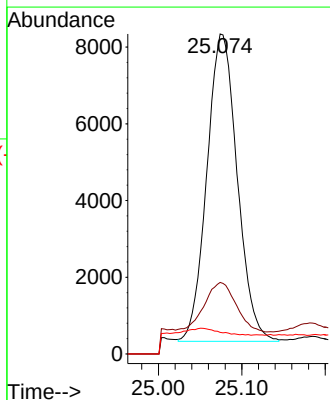
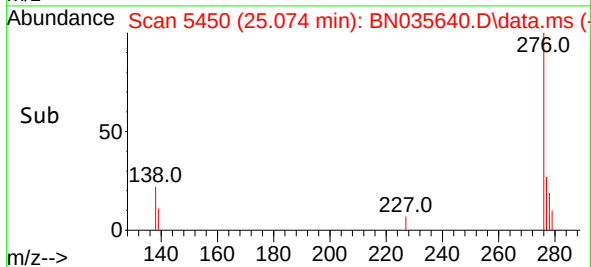
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

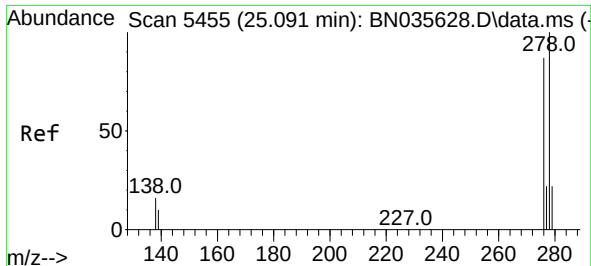


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.498 ng/ul m
RT: 25.074 min Scan# 5450
Delta R.T. -0.007 min
Lab File: BN035640.D
Acq: 17 Dec 2024 05:36



Tgt Ion:276 Resp: 20319
Ion Ratio Lower Upper
276 100
138 19.2 14.7 22.1
227 0.0 21.6 32.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.153 ng/ul m

RT: 25.084 min Scan# 54

Delta R.T. -0.017 min

Lab File: BN035640.D

Acq: 17 Dec 2024 05:36

Instrument :

BNA_N

ClientSampleId :

E28S8

Tgt Ion:278 Resp: 4754

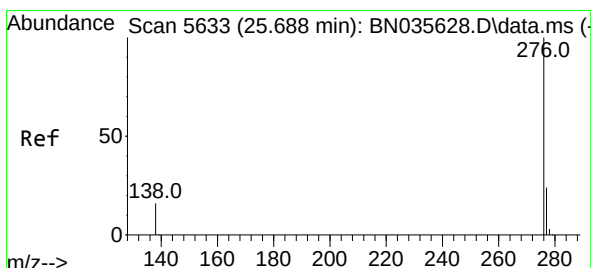
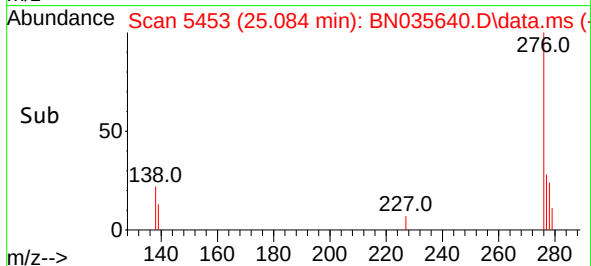
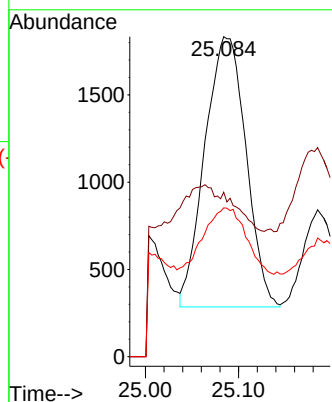
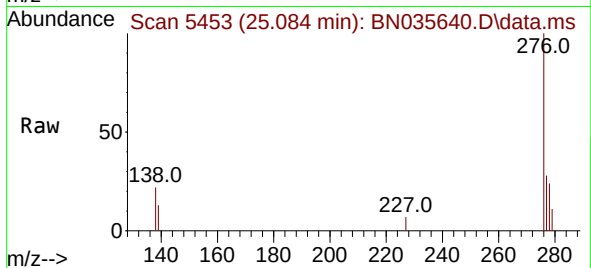
Ion	Ratio	Lower	Upper
278	100		
139	51.4	19.8	29.8
279	46.5	24.0	36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/21/2024



#29

Benzo(g,h,i)perylene

Concen: 0.663 ng/ul

RT: 25.691 min Scan# 5634

Delta R.T. -0.007 min

Lab File: BN035640.D

Acq: 17 Dec 2024 05:36

Tgt Ion:276 Resp: 21718

Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.6	29.4
277	26.8	21.6	32.4

