

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035637.D
 Acq On : 17 Dec 2024 03:48
 Operator : RC/JU
 Sample : P5232-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28T2

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 04:29:07 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	2849	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	8462	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5882	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12737	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	10749	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	11601m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	7347	2.909	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2158	0.179	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	4995	0.159	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	568m	0.027	ng/ul	
7) 2-Methylnaphthalene	11.708	142	334	0.024	ng/ul	95
8) 1-Methylnaphthalene	11.934	142	311	0.021	ng/ul	95
10) Acenaphthylene	13.657	152	2179	0.096	ng/ul#	92
11) Acenaphthene	14.009	153	1491	0.087	ng/ul	97
12) Fluorene	15.013	166	2056	0.103	ng/ul#	97
15) Phenanthrene	16.755	178	29122	0.914	ng/ul	99
16) Anthracene	16.848	178	8295	0.278	ng/ul	99
19) Fluoranthene	18.800	202	58667	1.526	ng/ul	97
20) Pyrene	19.167	202	47667	1.126	ng/ul	97
21) Benzo(a)anthracene	20.944	228	26511	0.744	ng/ul	97
22) Chrysene	20.993	228	24295	0.657	ng/ul	98
24) Benzo(b)fluoranthene	22.437	252	33756m	0.987	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	14026m	0.371	ng/ul	
26) Benzo(a)pyrene	22.954	252	24532m	0.741	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.071	276	16195m	0.402	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	4158m	0.135	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	14876	0.460	ng/ul	98

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

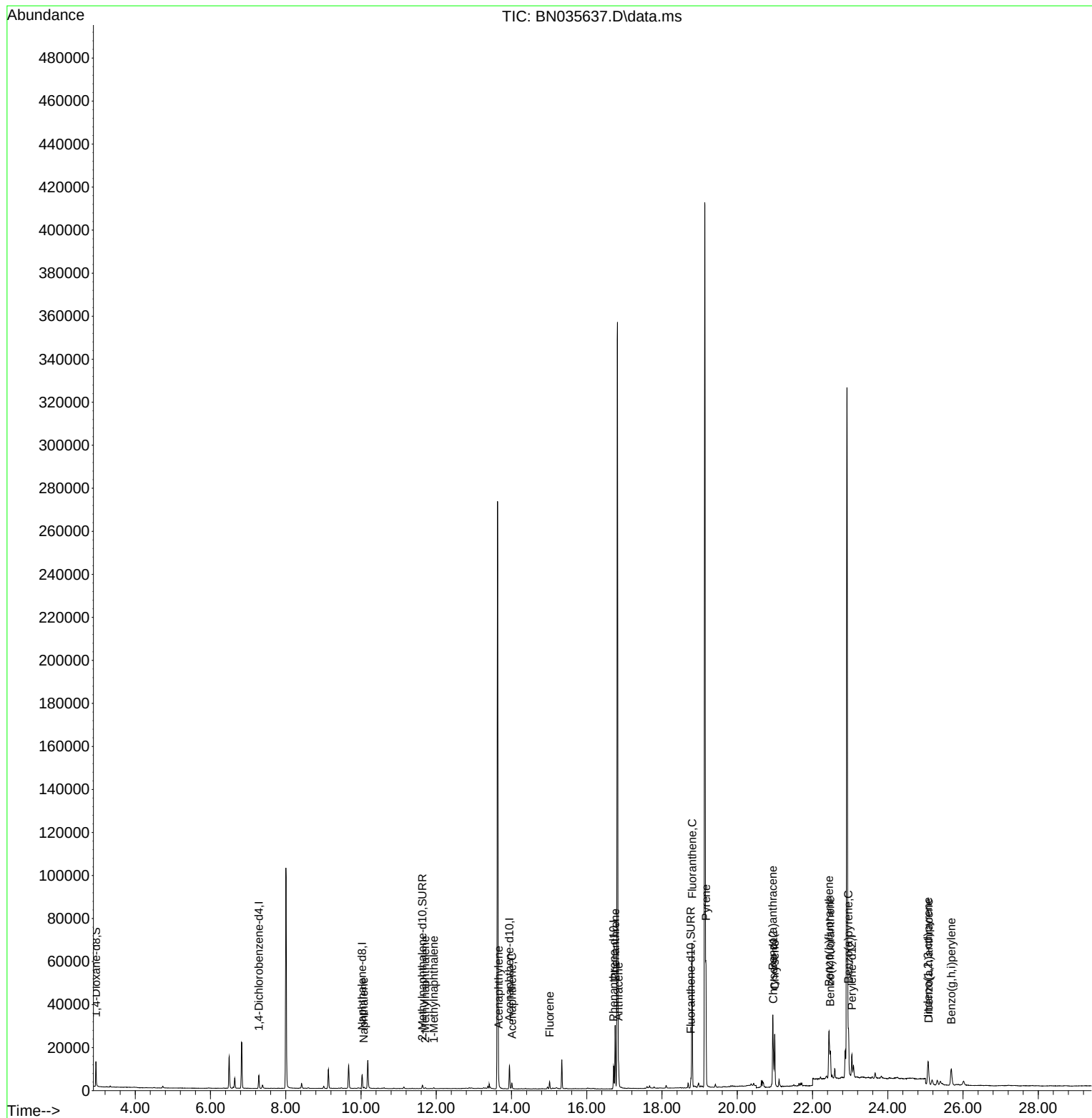
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035637.D
Acq On : 17 Dec 2024 03:48
Operator : RC/JU
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ALS Vial : 27 Sample Multiplier: 1

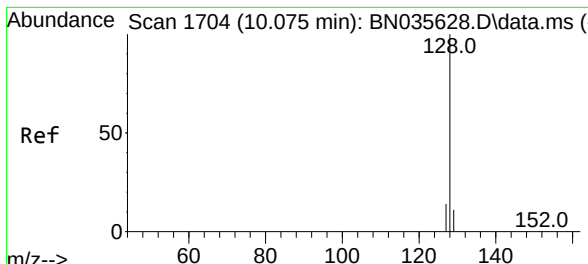
Instrument :
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E28T2

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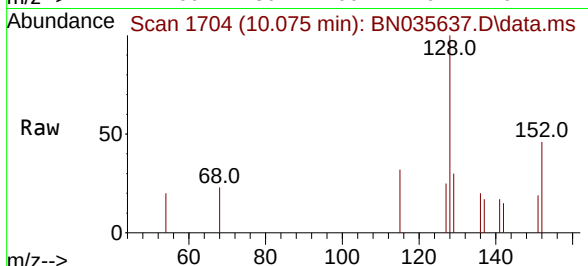
Quant Time: Dec 17 04:29:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/ul m
RT: 10.075 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

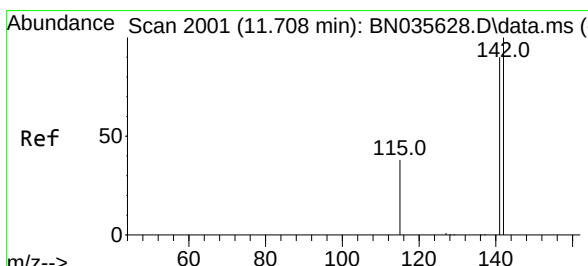
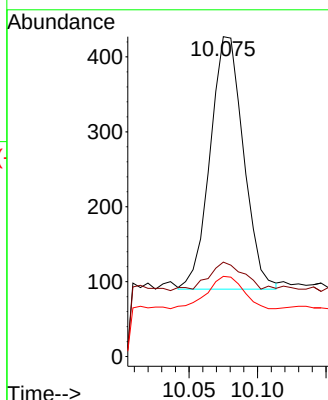
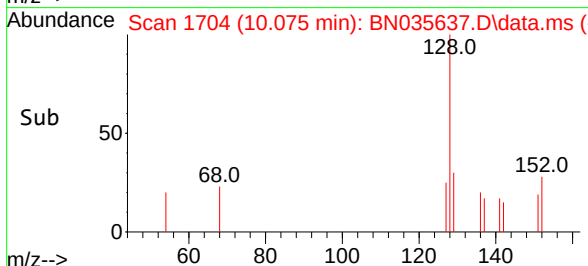
Instrument :
BNA_N
ClientSampleId :
E28T2



Tgt Ion:128 Resp: 568
Ion Ratio Lower Upper
128 100
129 29.5 10.8 16.2
127 25.1 12.0 18.0

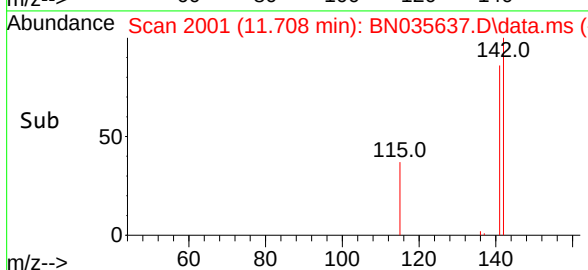
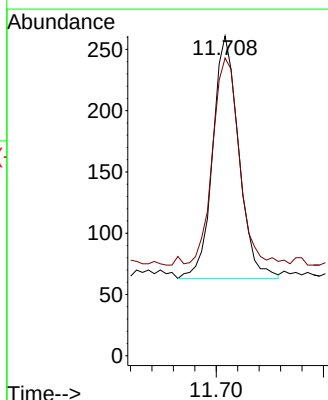
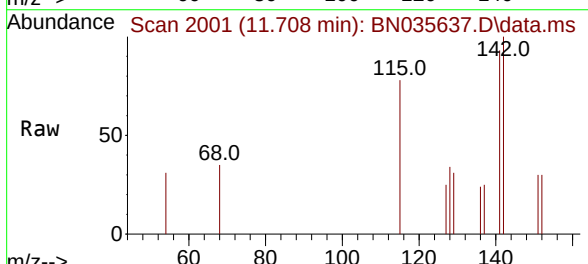
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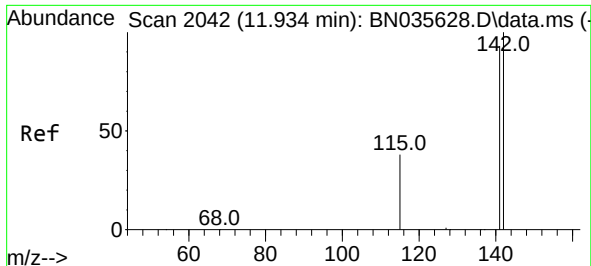
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

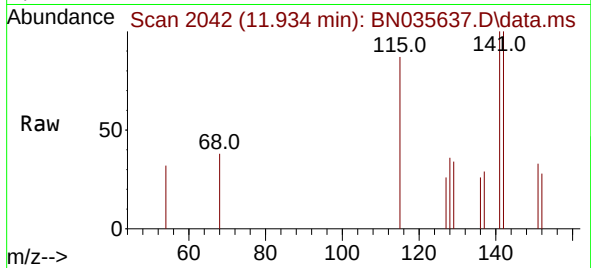
Tgt Ion:142 Resp: 334
Ion Ratio Lower Upper
142 100
141 86.2 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

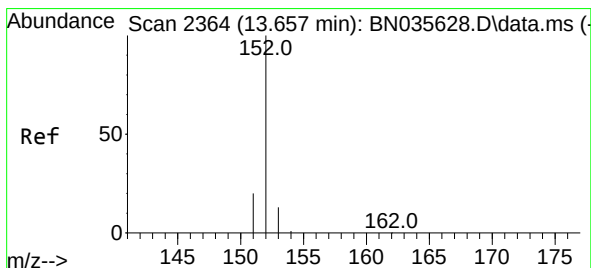
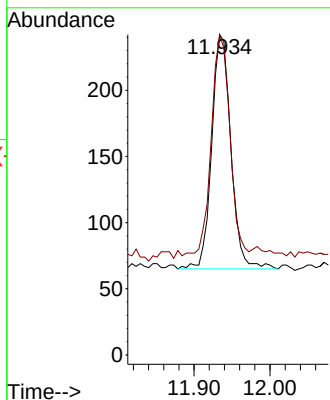
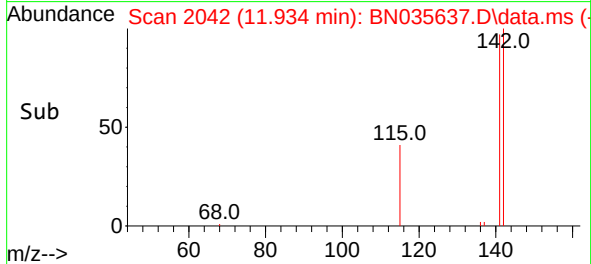
Instrument :
BNA_N
ClientSampleId :
E28T2



Tgt Ion:142 Resp: 311
Ion Ratio Lower Upper
142 100
141 89.1 74.7 112.1

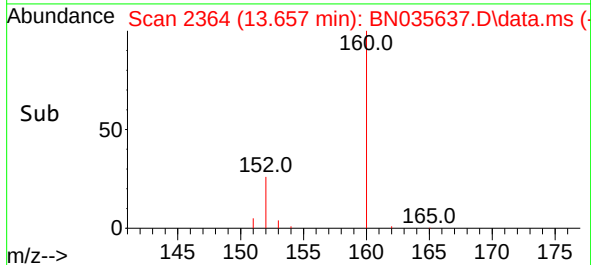
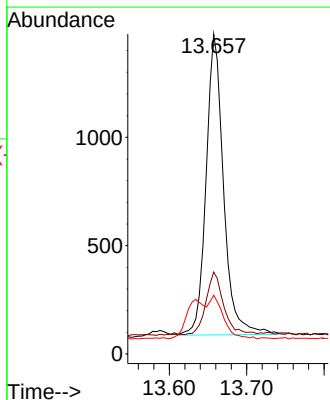
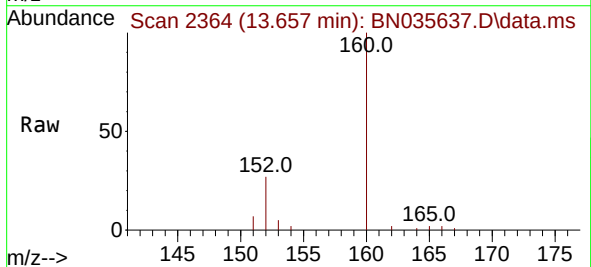
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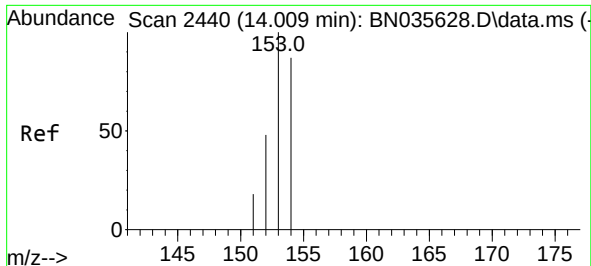
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.096 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

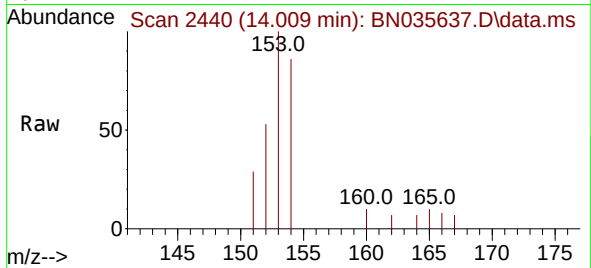
Tgt Ion:152 Resp: 2179
Ion Ratio Lower Upper
152 100
151 25.6 17.6 26.4
153 18.3 11.4 17.2#





#11
Acenaphthene
Concen: 0.087 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

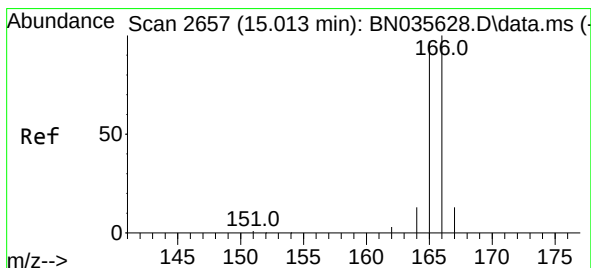
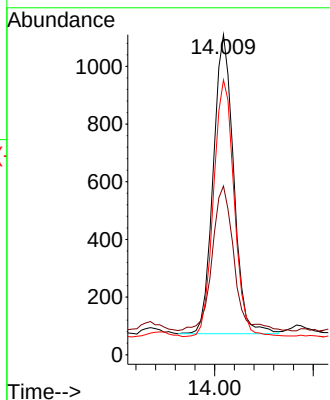
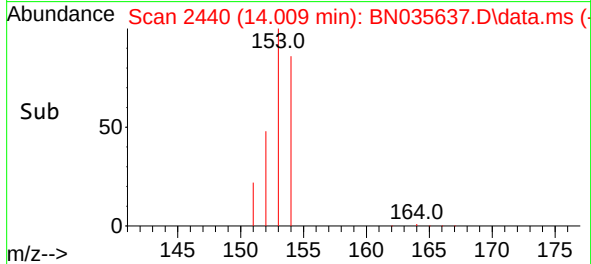
Instrument :
BNA_N
ClientSampleId :
E28T2



Tgt Ion:153 Resp: 149
Ion Ratio Lower Upper
153 100
152 52.7 39.8 59.6
154 85.9 69.8 104.8

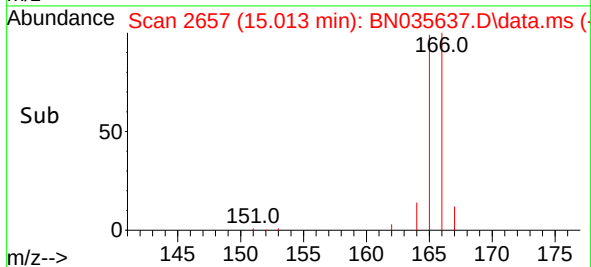
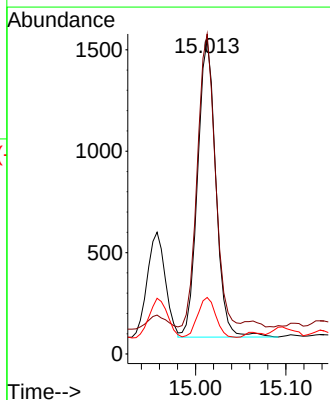
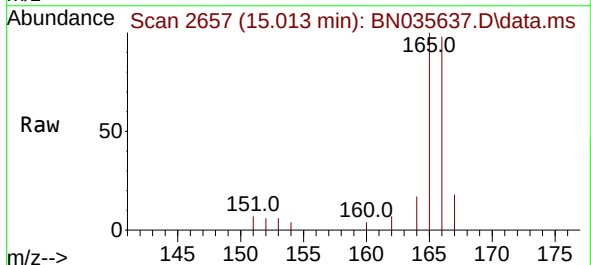
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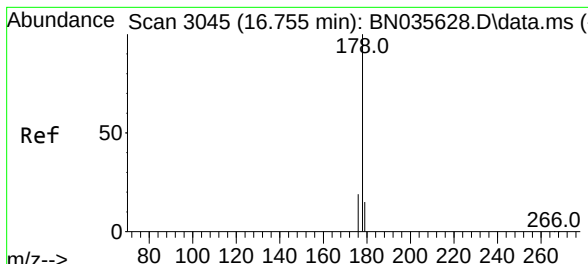
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#12
Fluorene
Concen: 0.103 ng/ul
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

Tgt Ion:166 Resp: 2056
Ion Ratio Lower Upper
166 100
165 101.9 79.5 119.3
167 18.0 11.8 17.8#





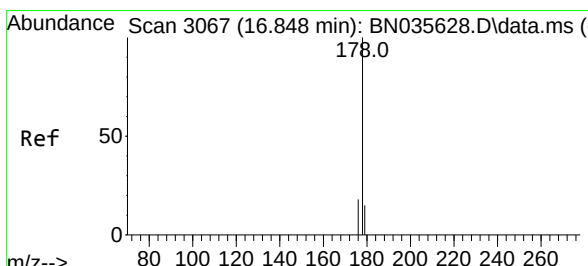
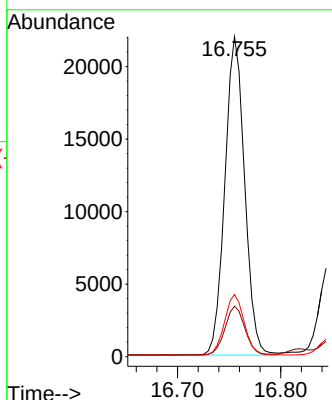
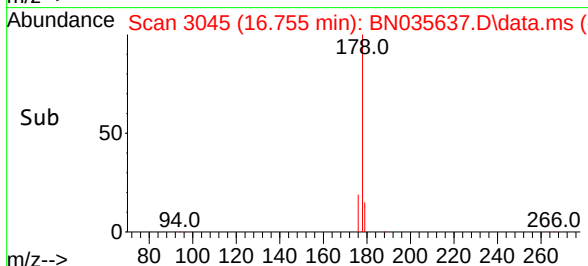
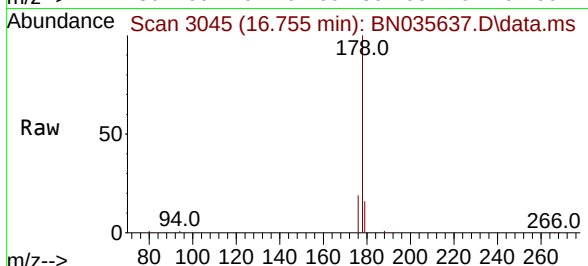
#15
 Phenanthrene
 Concen: 0.914 ng/ul
 RT: 16.755 min Scan# 3045
 Delta R.T. -0.004 min
 Lab File: BN035637.D
 Acq: 17 Dec 2024 03:48

Instrument : BNA_N
 ClientSampleId : E28T2

Tgt Ion:	178	Resp:	2912
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.3	19.9
176	19.4	15.8	23.8

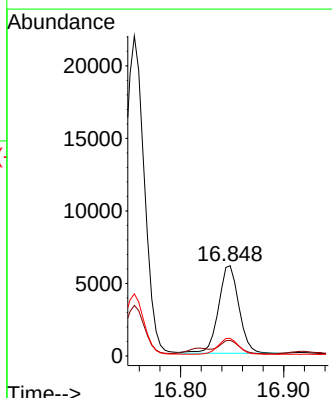
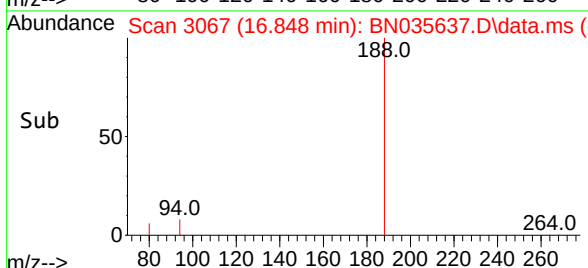
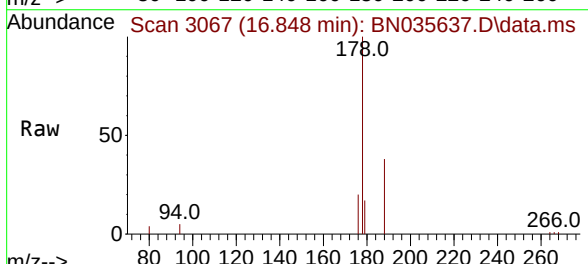
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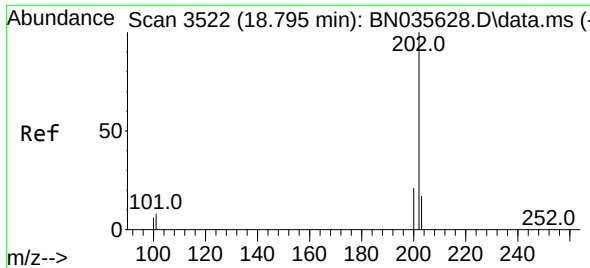
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024



#16
 Anthracene
 Concen: 0.278 ng/ul
 RT: 16.848 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BN035637.D
 Acq: 17 Dec 2024 03:48

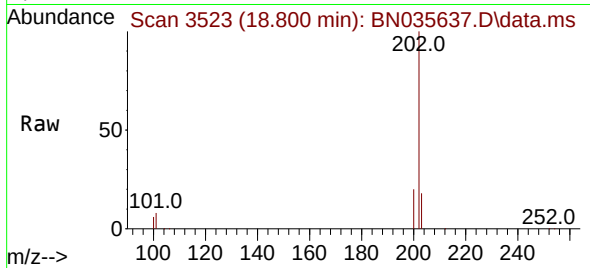
Tgt Ion:	178	Resp:	8295
Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.4	20.0
176	19.6	15.4	23.0





#19
Fluoranthene
Concen: 1.526 ng/ul
RT: 18.800 min Scan# 3522
Delta R.T. 0.000 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

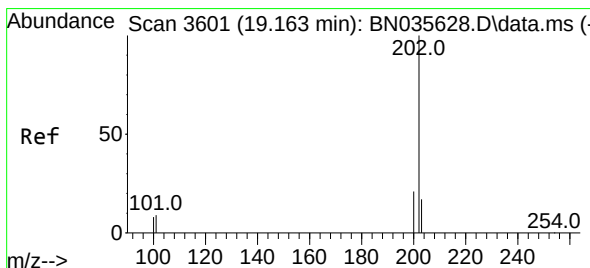
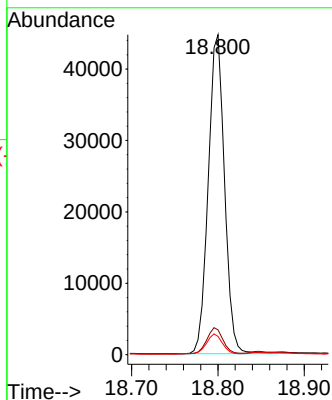
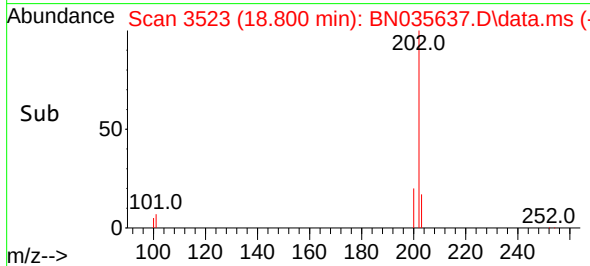
Instrument :
BNA_N
ClientSampleId :
E28T2



Tgt Ion:202 Resp: 58667
Ion Ratio Lower Upper
202 100
101 7.8 7.3 10.9
100 5.7 5.4 8.0

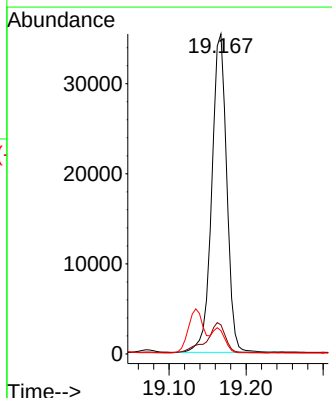
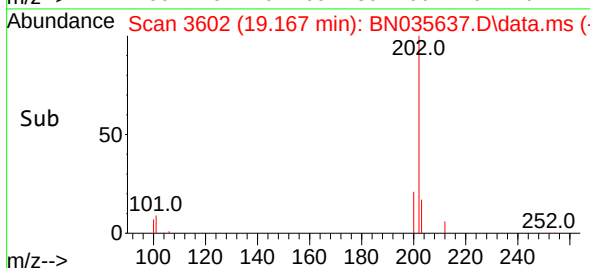
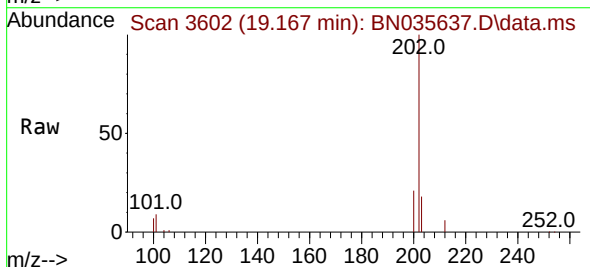
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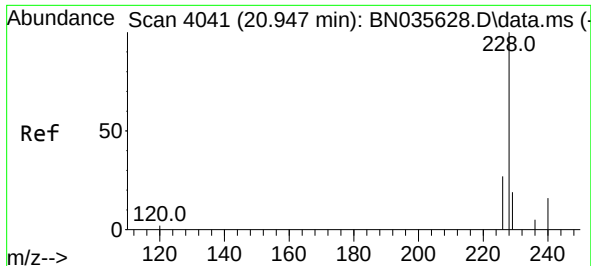
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#20
Pyrene
Concen: 1.126 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

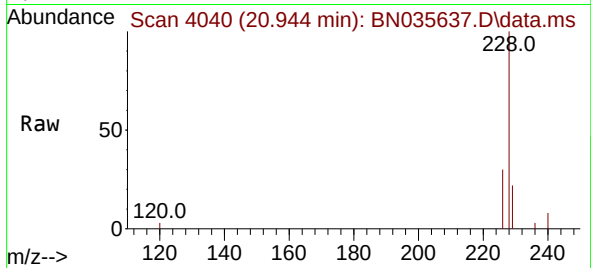
Tgt Ion:202 Resp: 47667
Ion Ratio Lower Upper
202 100
101 9.1 8.5 12.7
100 7.3 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.744 ng/ul
RT: 20.944 min Scan# 4041
Delta R.T. -0.006 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

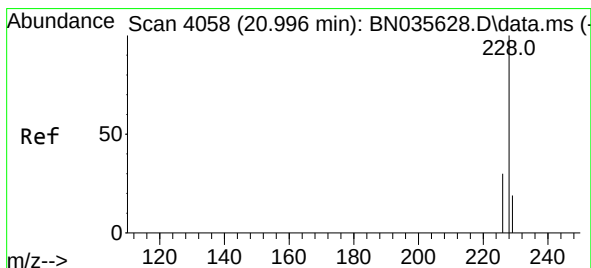
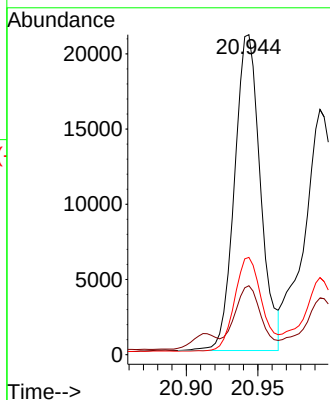
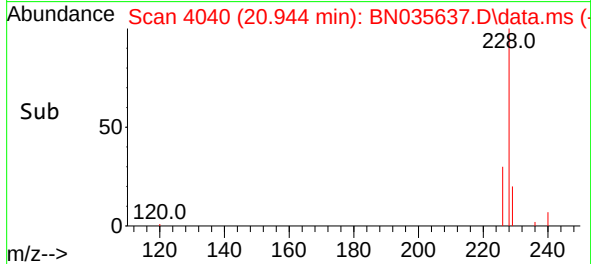
Instrument :
BNA_N
ClientSampleId :
E28T2



Tgt Ion:228 Resp: 2651
Ion Ratio Lower Upper
228 100
229 21.6 16.6 25.0
226 30.4 22.5 33.7

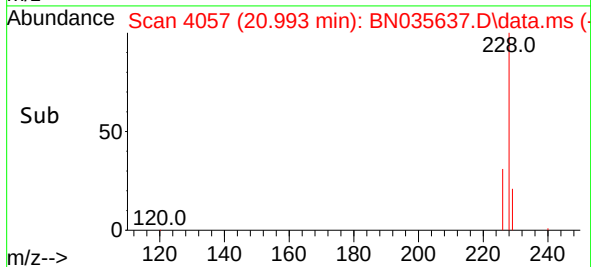
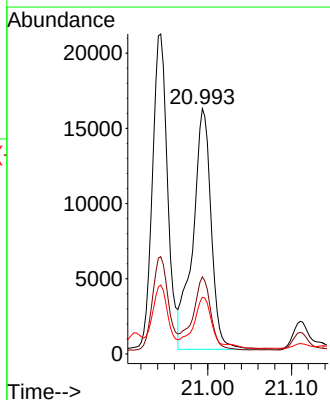
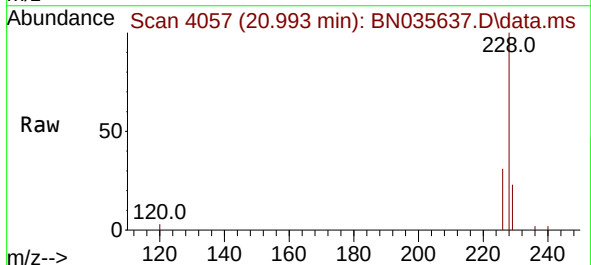
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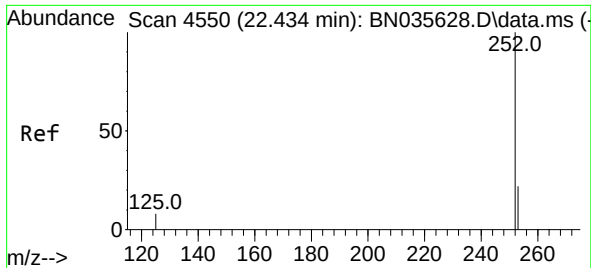
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 0.657 ng/ul
RT: 20.993 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

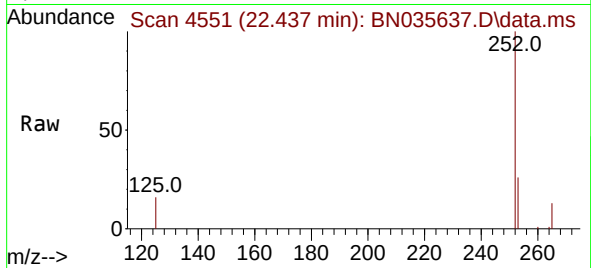
Tgt Ion:228 Resp: 24295
Ion Ratio Lower Upper
228 100
226 31.4 25.1 37.7
229 23.1 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.987 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

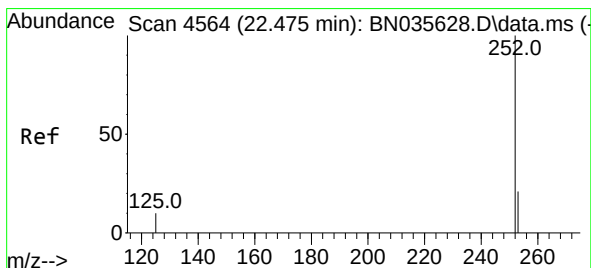
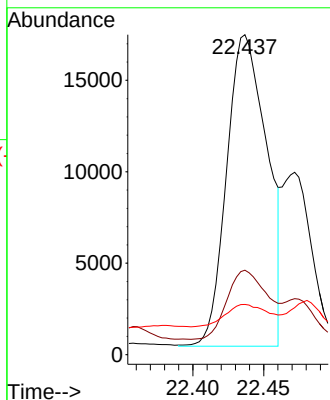
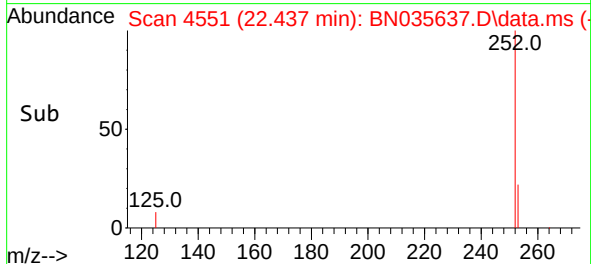
Instrument :
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ClientSampleId :
E28T2



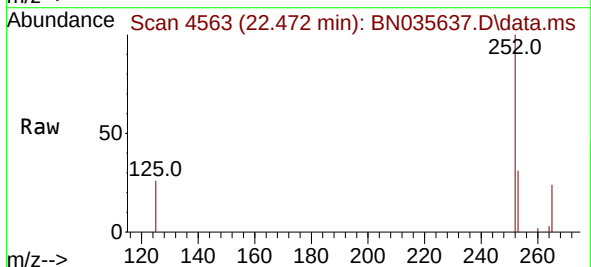
Tgt Ion:252 Resp: 33750
Ion Ratio Lower Upper
252 100
253 26.4 0.0 56.4
125 15.7 0.0 37.6

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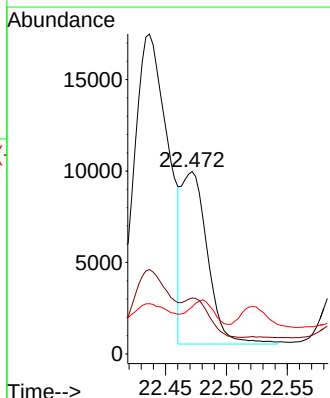
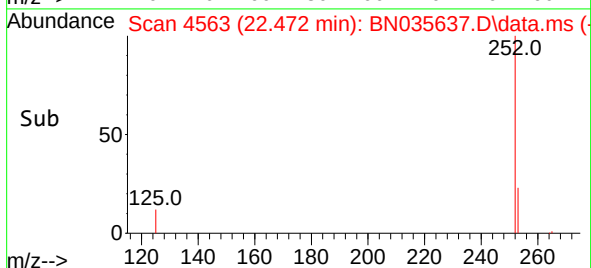
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

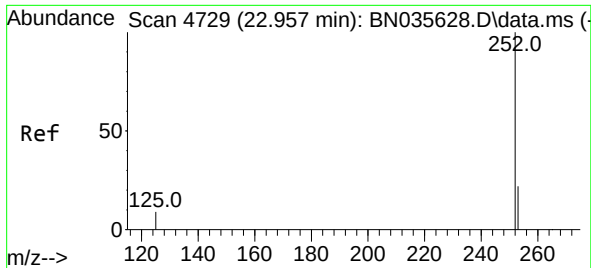


#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul m
RT: 22.472 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48



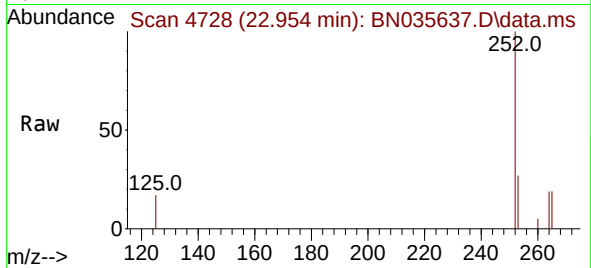
Tgt Ion:252 Resp: 14026
Ion Ratio Lower Upper
252 100
253 30.7 22.1 33.1
125 25.8 15.3 22.9





#26
Benzo(a)pyrene
Concen: 0.741 ng/ul m
RT: 22.954 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

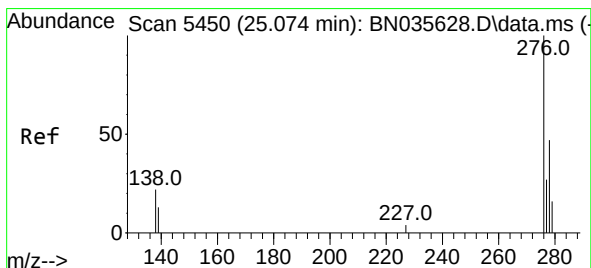
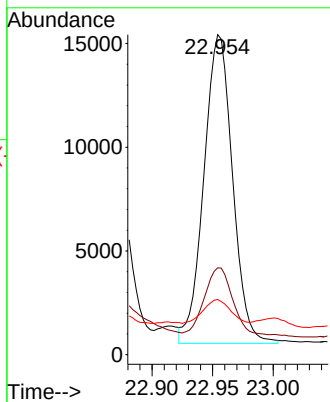
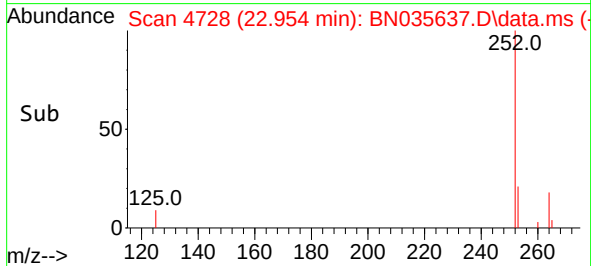
Instrument :
BNA_N
ClientSampleId :
E28T2



Tgt Ion:252 Resp: 24532
Ion Ratio Lower Upper
252 100
253 27.1 24.1 36.1
125 17.3 19.1 28.7

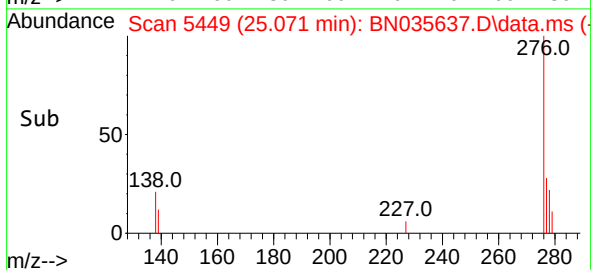
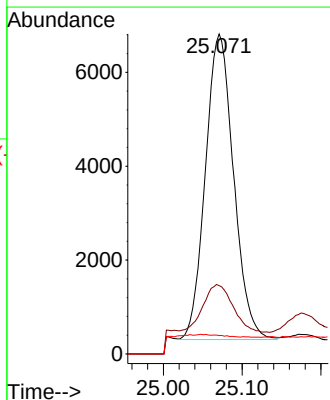
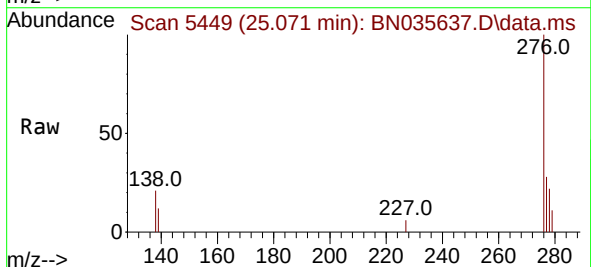
Manual Integrations
APPROVED

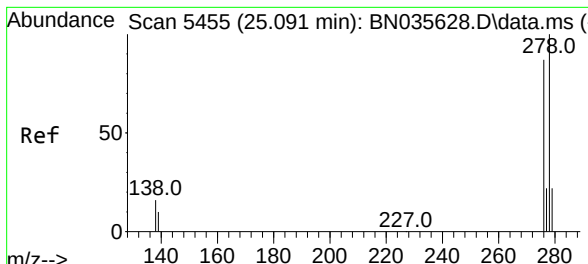
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul m
RT: 25.071 min Scan# 5449
Delta R.T. -0.010 min
Lab File: BN035637.D
Acq: 17 Dec 2024 03:48

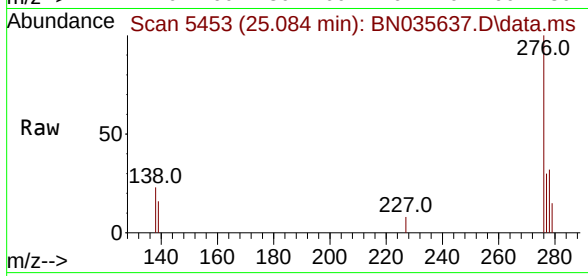
Tgt Ion:276 Resp: 16195
Ion Ratio Lower Upper
276 100
138 13.9 14.7 22.1#
227 0.0 21.6 32.4#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.135 ng/ul m
 RT: 25.084 min Scan# 5455
 Delta R.T. -0.017 min
 Lab File: BN035637.D
 Acq: 17 Dec 2024 03:48

Instrument :
 BNA_N
 ClientSampleId :
 E28T2

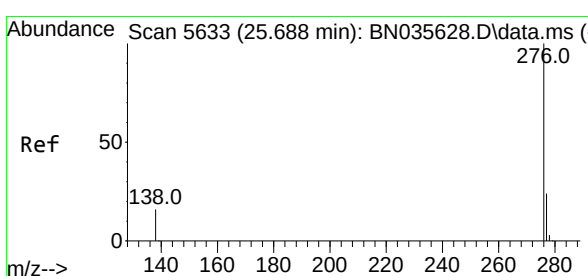
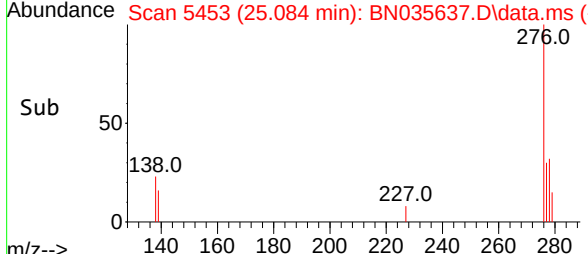
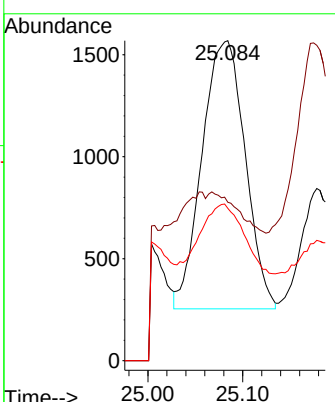


Tgt Ion: 278 Resp: 4158

Ion	Ratio	Lower	Upper
278	100		
139	49.5	19.8	29.8
279	47.6	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: 0.460 ng/ul
 RT: 25.688 min Scan# 5633
 Delta R.T. -0.010 min
 Lab File: BN035637.D
 Acq: 17 Dec 2024 03:48

Tgt Ion: 276 Resp: 14876

Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.6	29.4
277	27.9	21.6	32.4

