

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035702.D
 Acq On : 19 Dec 2024 12:41
 Operator : RC/JU
 Sample : P5258-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Y2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 13:28:35 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	7.276	152	3209	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8343	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6147	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	12938	0.400	ng/ul	-0.01
17) Chrysene-d12	20.955	240	11153	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	10933m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	12520	4.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.620	152	3138	0.264	ng/ul	-0.02
18) Fluoranthene-d10	18.758	212	6427	0.197	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.069	128	3609m	0.176	ng/ul	
7) 2-Methylnaphthalene	11.697	142	1256	0.091	ng/ul	99
8) 1-Methylnaphthalene	11.923	142	1078	0.076	ng/ul	99
10) Acenaphthylene	13.648	152	967	0.041	ng/ul#	76
11) Acenaphthene	14.000	153	1256	0.070	ng/ul	98
12) Fluorene	15.004	166	1454	0.069	ng/ul#	96
15) Phenanthrene	16.747	178	21273	0.657	ng/ul	99
16) Anthracene	16.840	178	4997	0.165	ng/ul#	95
19) Fluoranthene	18.791	202	41091	1.030	ng/ul	100
20) Pyrene	19.158	202	35472	0.807	ng/ul	99
21) Benzo(a)anthracene	20.941	228	18530	0.501	ng/ul	98
22) Chrysene	20.990	228	21184	0.552	ng/ul	97
24) Benzo(b)fluoranthene	22.431	252	26206m	0.813	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	11126m	0.312	ng/ul	
26) Benzo(a)pyrene	22.951	252	17850m	0.572	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.064	276	13107m	0.345	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	3128m	0.108	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	13733	0.450	ng/ul	98

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

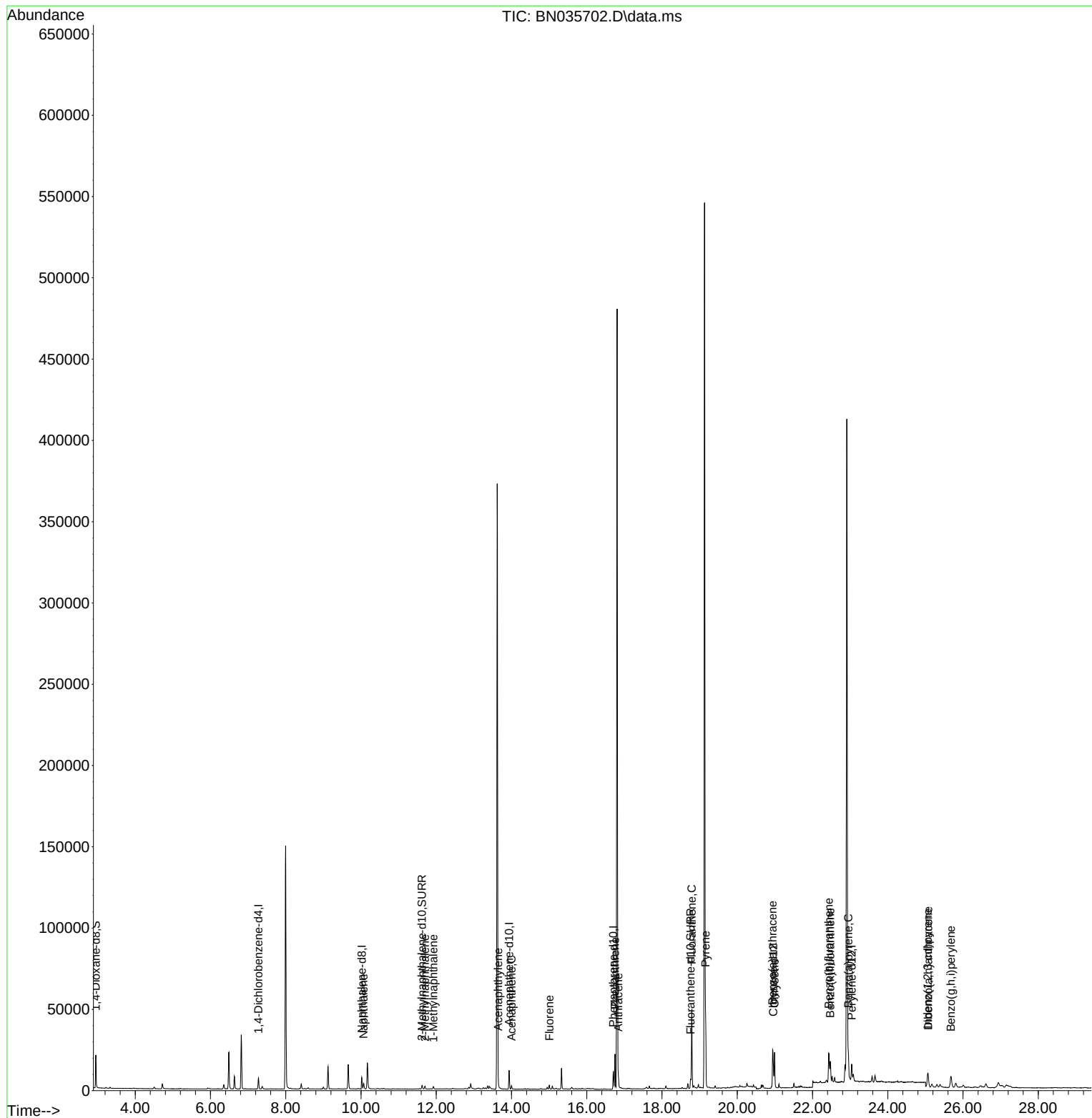
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035702.D
Acq On : 19 Dec 2024 12:41
Operator : RC/JU
Sample : P5258-19
Misc :
ALS Vial : 43 Sample Multiplier: 1

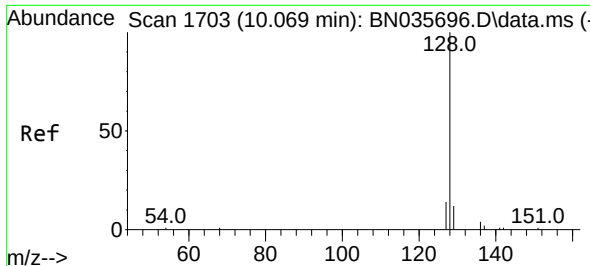
Instrument :
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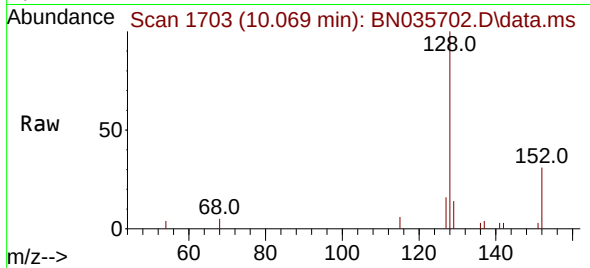
Quant Time: Dec 19 13:28:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.176 ng/ul m
RT: 10.069 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

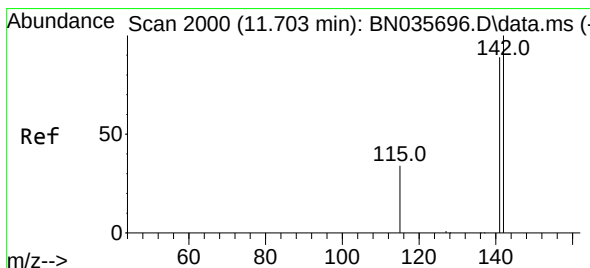
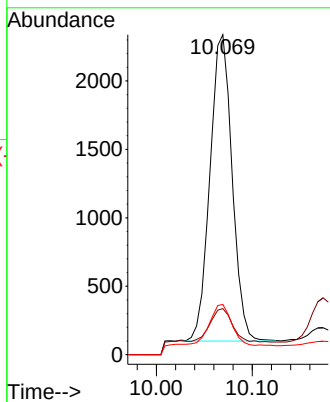
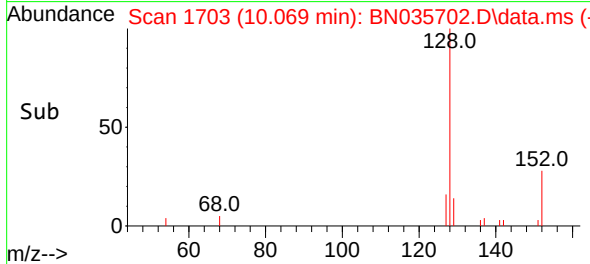
Instrument :
BNA_N
ClientSampleId :
E28Y2



Tgt Ion:128 Resp: 3609
Ion Ratio Lower Upper
128 100
129 14.4 10.8 16.2
127 15.7 12.0 18.0

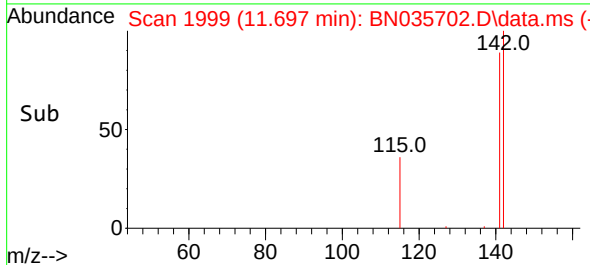
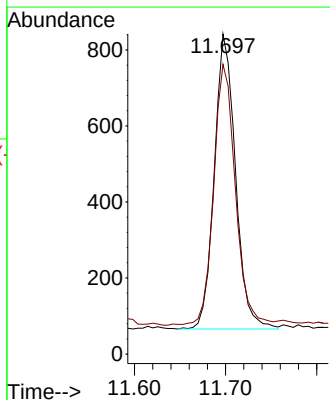
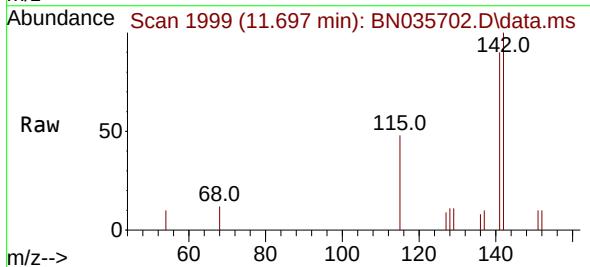
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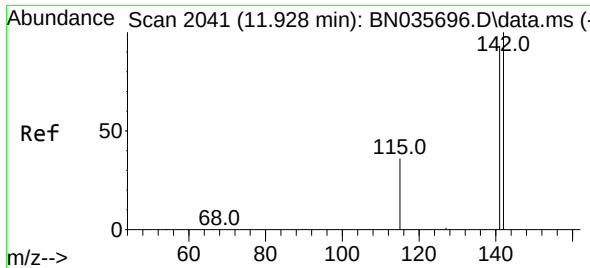
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 11.697 min Scan# 1999
Delta R.T. -0.016 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

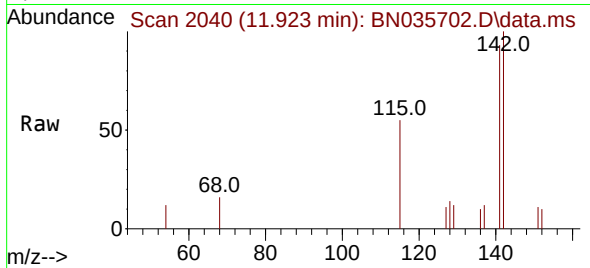
Tgt Ion:142 Resp: 1256
Ion Ratio Lower Upper
142 100
141 91.7 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 11.923 min Scan# 2040
Delta R.T. -0.016 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

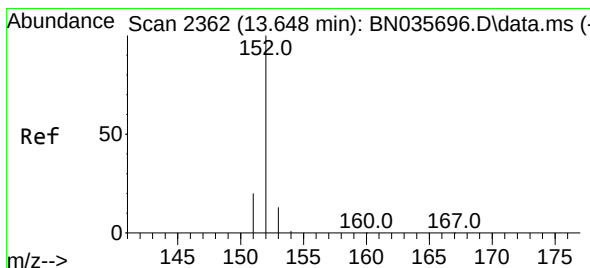
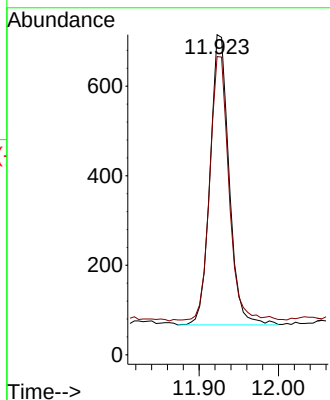
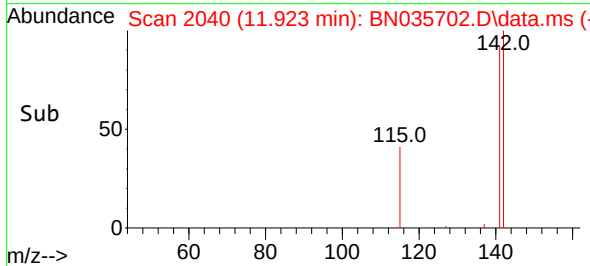
Instrument :
BNA_N
ClientSampleId :
E28Y2



Tgt Ion:142 Resp: 1078
Ion Ratio Lower Upper
142 100
141 92.2 74.7 112.1

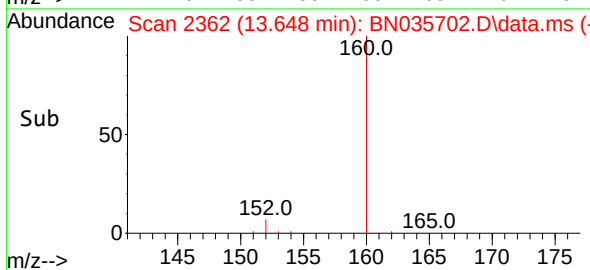
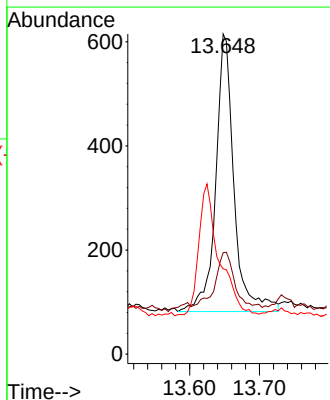
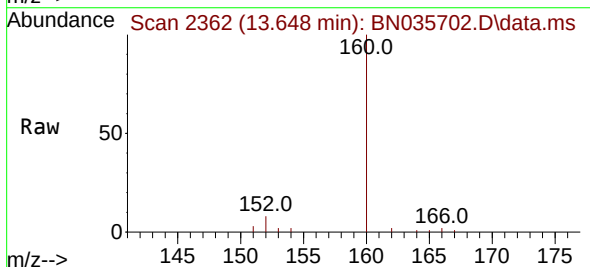
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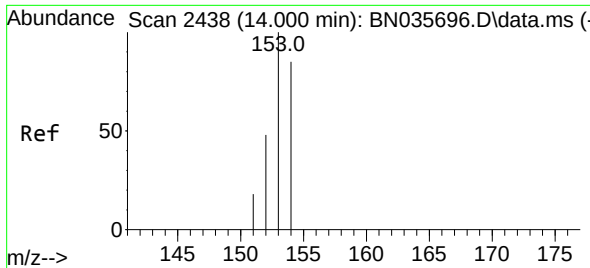
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 13.648 min Scan# 2362
Delta R.T. -0.014 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

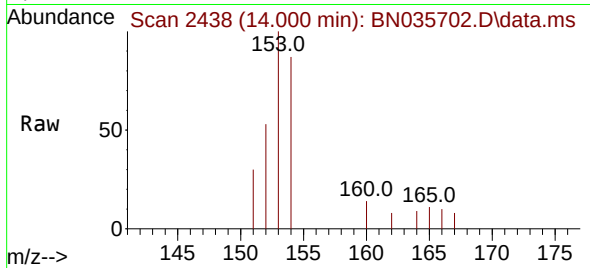
Tgt Ion:152 Resp: 967
Ion Ratio Lower Upper
152 100
151 31.7 17.6 26.4#
153 26.7 11.4 17.2#





#11
Acenaphthene
Concen: 0.070 ng/ul
RT: 14.000 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

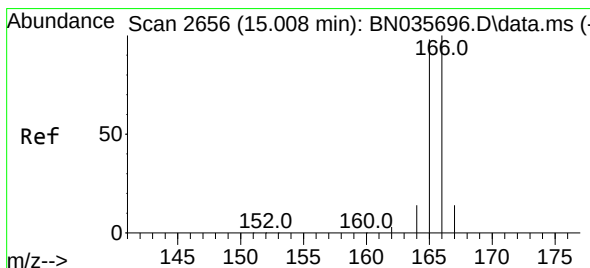
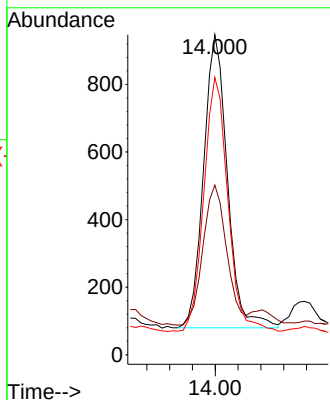
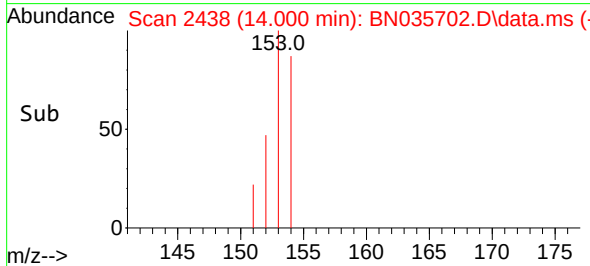
Instrument :
BNA_N
ClientSampleId :
E28Y2



Tgt Ion:153 Resp: 1250
Ion Ratio Lower Upper
153 100
152 53.0 39.8 59.6
154 86.6 69.8 104.8

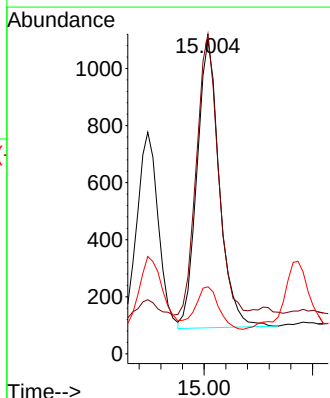
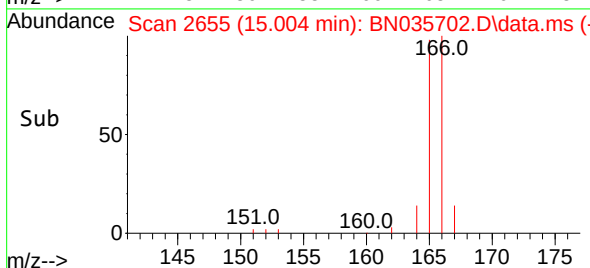
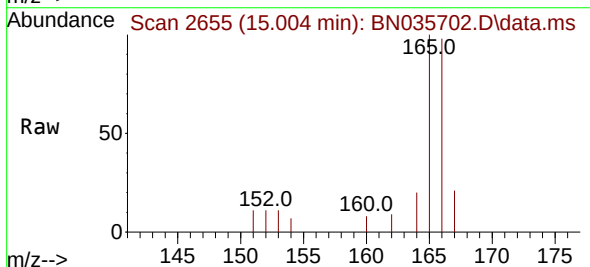
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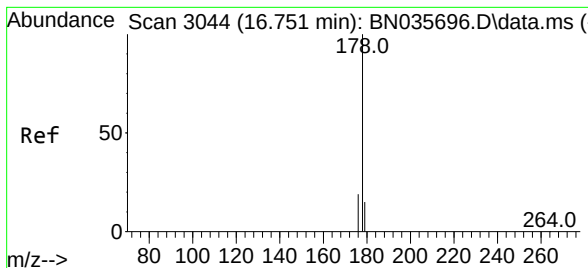
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.069 ng/ul
RT: 15.004 min Scan# 2655
Delta R.T. -0.009 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

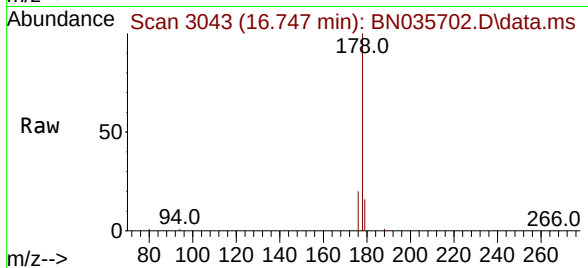
Tgt Ion:166 Resp: 1454
Ion Ratio Lower Upper
166 100
165 101.8 79.5 119.3
167 21.3 11.8 17.8#





#15
Phenanthrene
Concen: 0.657 ng/ul
RT: 16.747 min Scan# 3043
Delta R.T. -0.013 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

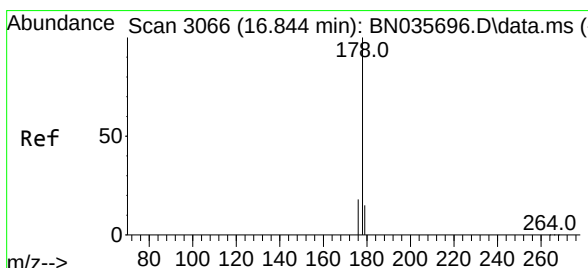
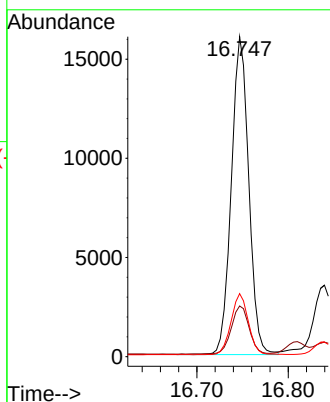
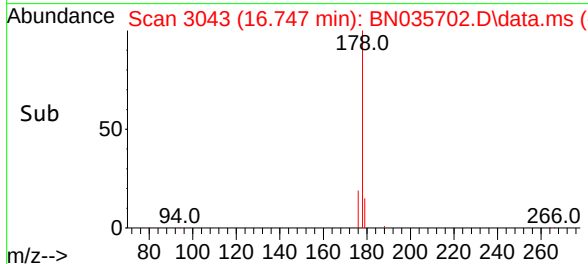
Instrument :
BNA_N
ClientSampleId :
E28Y2



Tgt Ion:178 Resp: 2127
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.7 15.8 23.8

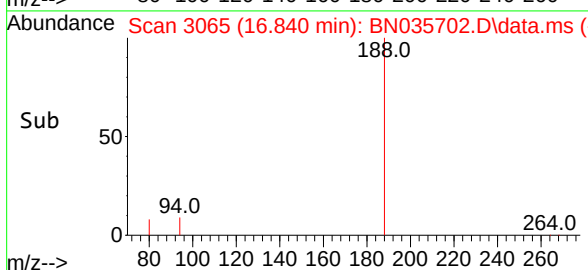
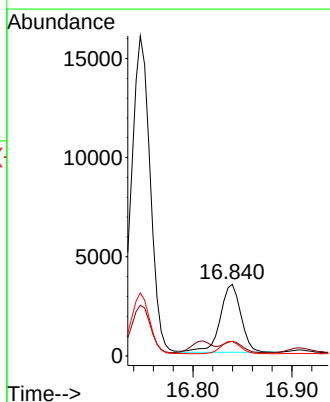
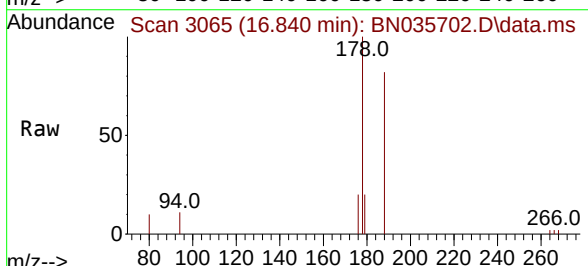
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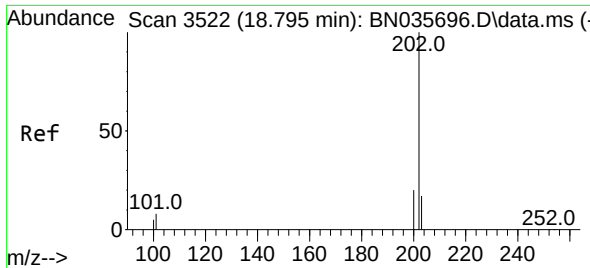
Reviewed By :Yogesh Patel 12/21/2024
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#16
Anthracene
Concen: 0.165 ng/ul
RT: 16.840 min Scan# 3065
Delta R.T. -0.008 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

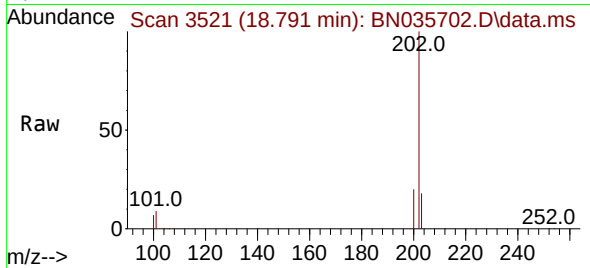
Tgt Ion:178 Resp: 4997
Ion Ratio Lower Upper
178 100
179 20.3 13.4 20.0#
176 20.4 15.4 23.0





#19
Fluoranthene
Concen: 1.030 ng/u1
RT: 18.791 min Scan# 3521
Delta R.T. -0.009 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

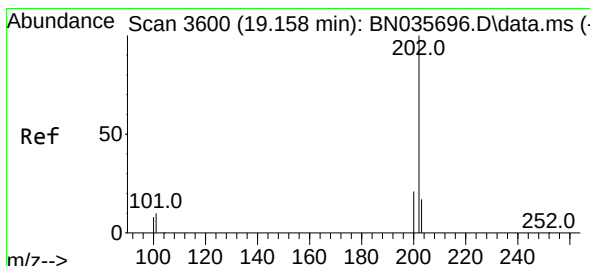
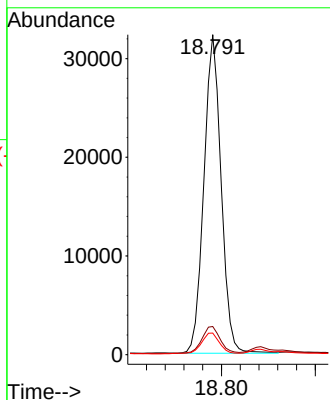
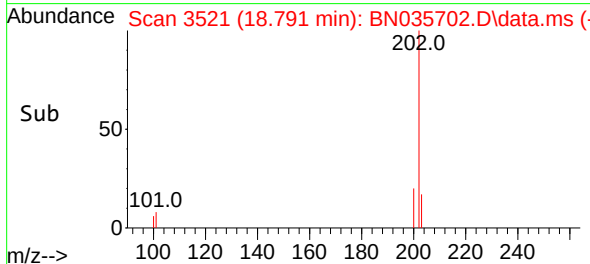
Instrument :
BNA_N
ClientSampleId :
E28Y2



Tgt Ion:202 Resp: 4109
Ion Ratio Lower Upper
202 100
101 8.8 7.3 10.9
100 6.7 5.4 8.0

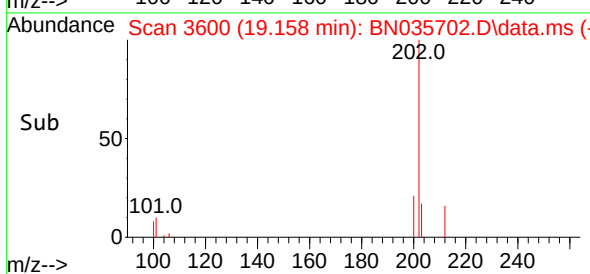
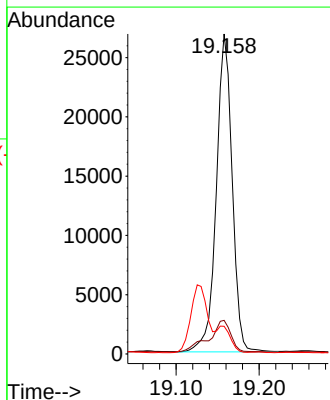
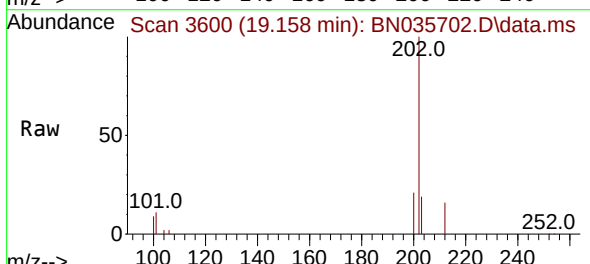
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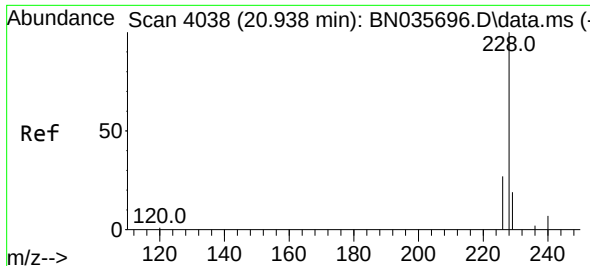
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 0.807 ng/u1
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

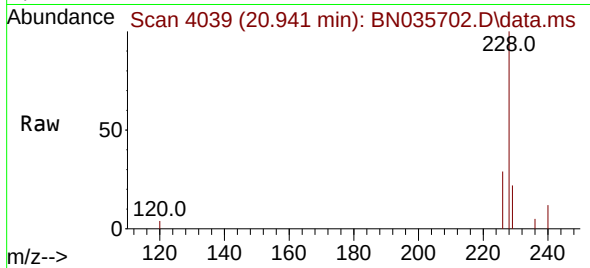
Tgt Ion:202 Resp: 35472
Ion Ratio Lower Upper
202 100
101 10.5 8.5 12.7
100 8.6 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.501 ng/ul
RT: 20.941 min Scan# 4039
Delta R.T. -0.009 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

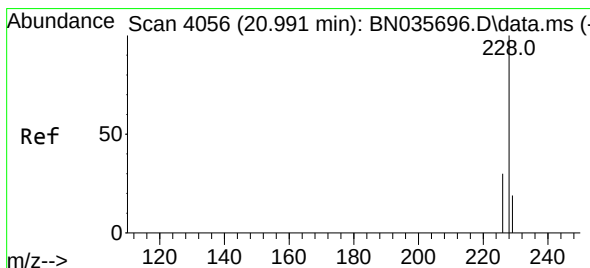
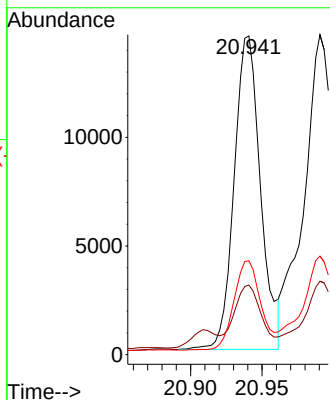
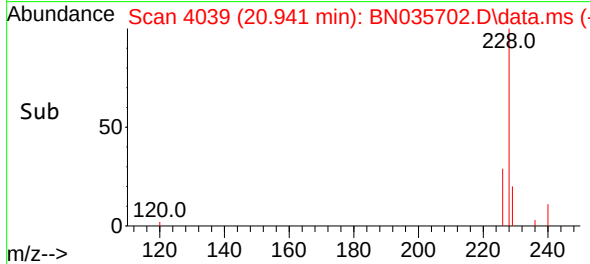
Instrument :
BNA_N
ClientSampleId :
E28Y2



Tgt Ion:228 Resp: 18530
Ion Ratio Lower Upper
228 100
229 21.8 16.6 25.0
226 29.5 22.5 33.7

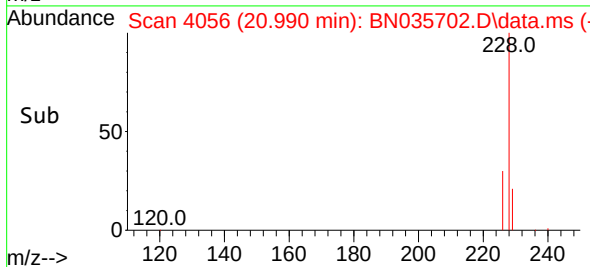
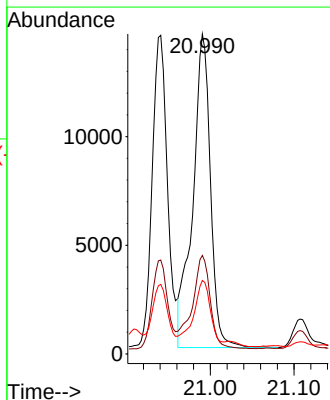
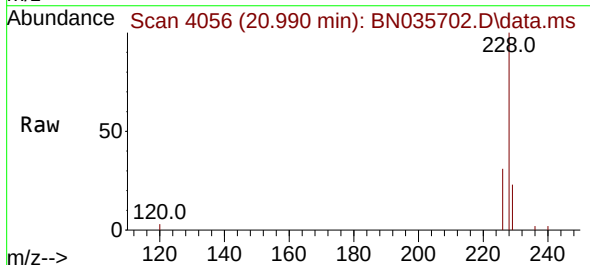
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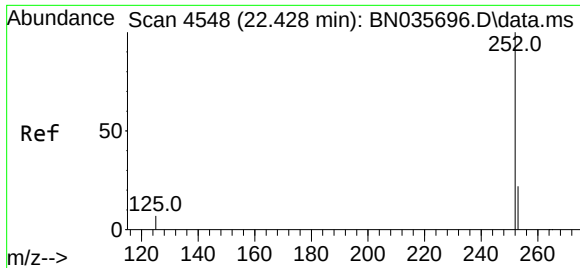
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 0.552 ng/ul
RT: 20.990 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

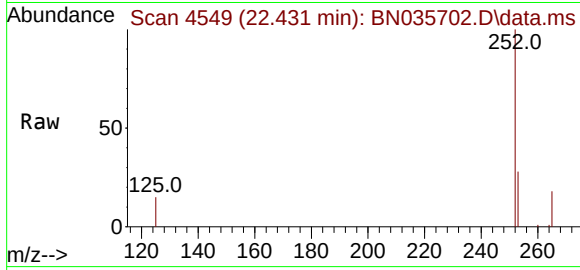
Tgt Ion:228 Resp: 21184
Ion Ratio Lower Upper
228 100
226 30.8 25.1 37.7
229 23.0 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.813 ng/ul m
RT: 22.431 min Scan# 4549
Delta R.T. -0.012 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

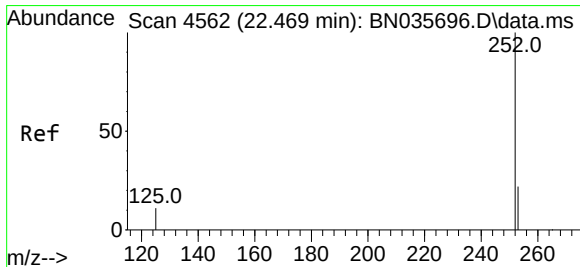
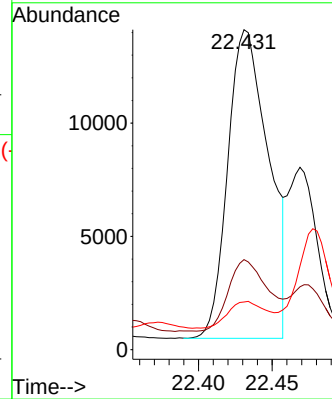
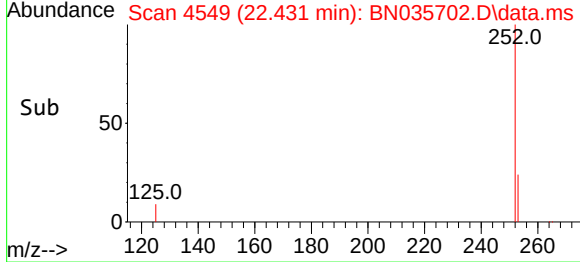
Instrument :
BNA_N
ClientSampleId :
E28Y2



Tgt Ion:252 Resp: 26200
Ion Ratio Lower Upper
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253 28.1 0.0 56.4
125 14.9 0.0 37.6

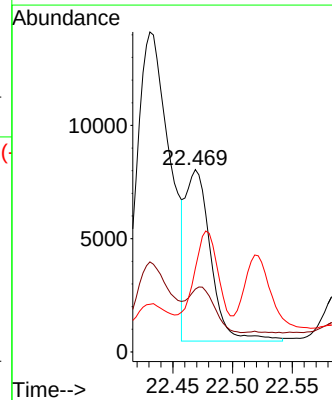
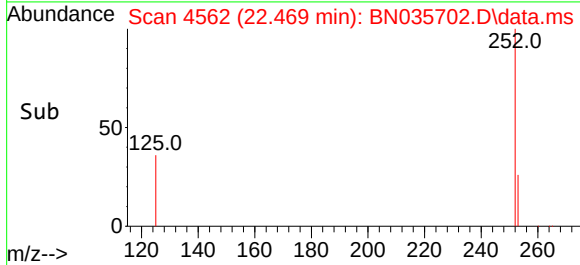
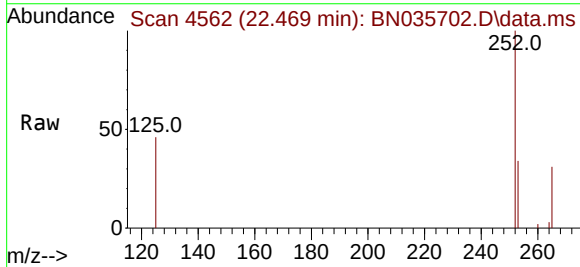
Manual Integrations
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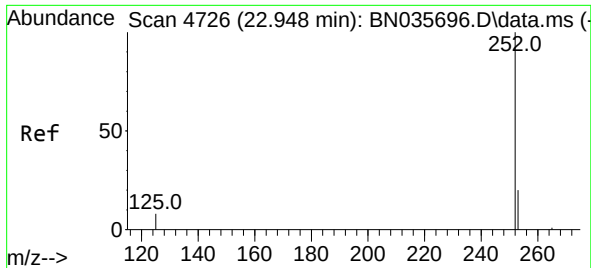
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

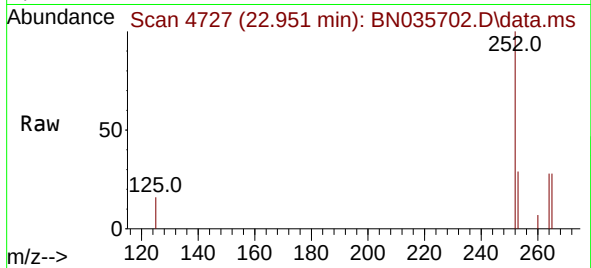
Tgt Ion:252 Resp: 11126
Ion Ratio Lower Upper
252 100
253 34.4 22.1 33.1#
125 45.9 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.572 ng/ul m
RT: 22.951 min Scan# 4727
Delta R.T. -0.012 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

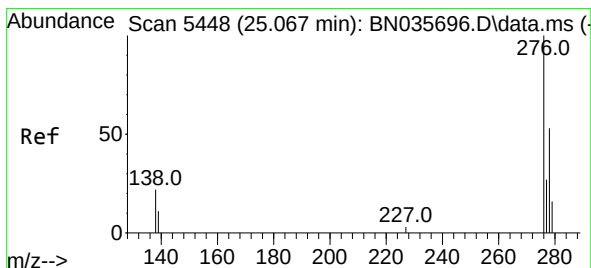
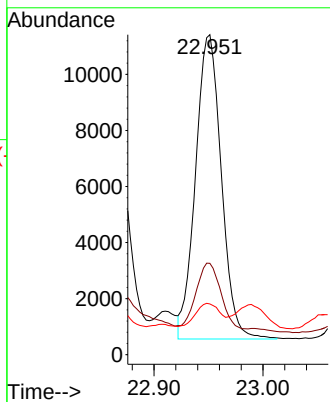
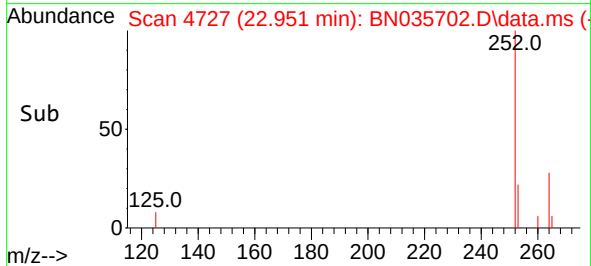
Instrument :
BNA_N
ClientSampleId :
E28Y2



Tgt Ion:252 Resp: 17850
Ion Ratio Lower Upper
252 100
253 28.6 24.1 36.1
125 15.9 19.1 28.7

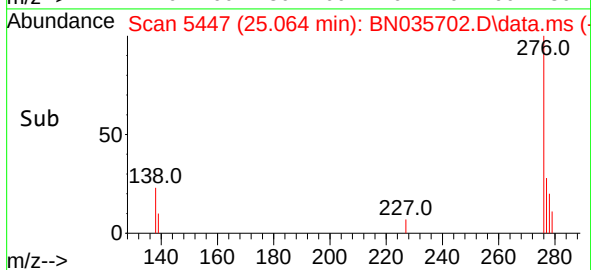
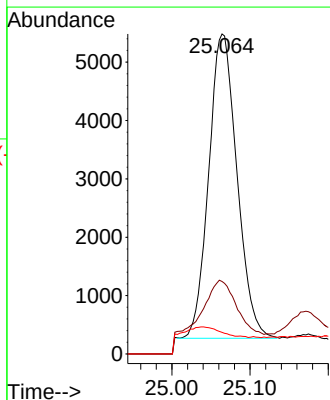
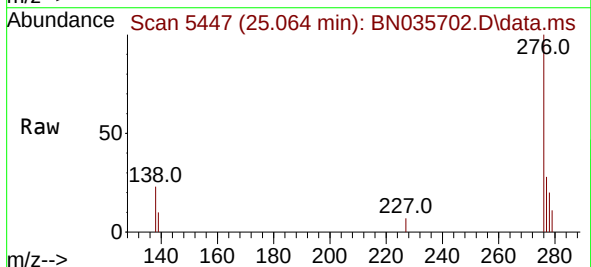
Manual Integrations
APPROVED

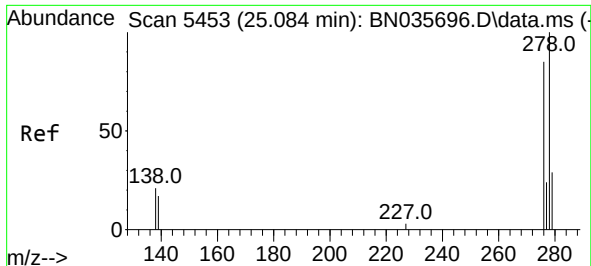
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng/ul m
RT: 25.064 min Scan# 5447
Delta R.T. -0.017 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

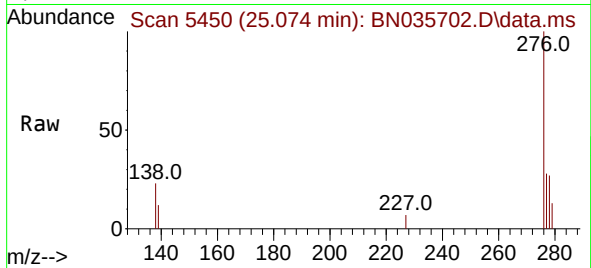
Tgt Ion:276 Resp: 13107
Ion Ratio Lower Upper
276 100
138 40.8 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.108 ng/ul m
RT: 25.074 min Scan# 5453
Delta R.T. -0.027 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

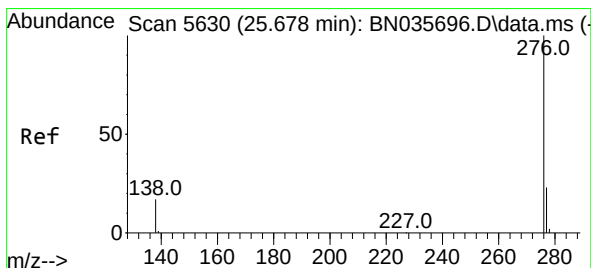
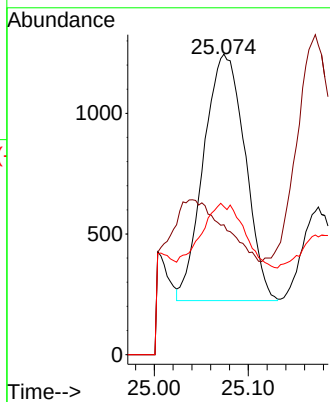
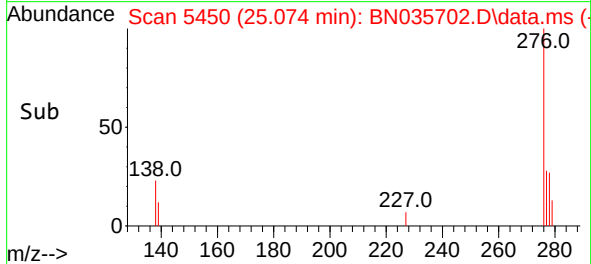
Instrument :
BNA_N
ClientSampleId :
E28Y2



Tgt Ion:278 Resp: 3128
Ion Ratio Lower Upper
278 100
139 43.2 19.8 29.8
279 49.2 24.0 36.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.450 ng/ul
RT: 25.678 min Scan# 5630
Delta R.T. -0.020 min
Lab File: BN035702.D
Acq: 19 Dec 2024 12:41

Tgt Ion:276 Resp: 13733
Ion Ratio Lower Upper
276 100
138 22.1 19.6 29.4
277 26.9 21.6 32.4

