

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035690.D
 Acq On : 19 Dec 2024 03:42
 Operator : RC/JU
 Sample : P5258-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Y0

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 06:41:15 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	3019	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8314	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.939	164	6067	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	13185	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240	11420	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	13811	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	8186	3.058	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2153	0.182	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	4848	0.145	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.069	128	1368m	0.067	ng/ul	
7) 2-Methylnaphthalene	11.703	142	1055	0.077	ng/ul	97
8) 1-Methylnaphthalene	11.928	142	954	0.067	ng/ul	100
10) Acenaphthylene	13.653	152	988	0.042	ng/ul#	74
11) Acenaphthene	14.004	153	1135	0.064	ng/ul	96
12) Fluorene	15.004	166	985	0.048	ng/ul#	92
15) Phenanthrene	16.751	178	23041	0.698	ng/ul	99
16) Anthracene	16.840	178	5327	0.173	ng/ul	96
19) Fluoranthene	18.791	202	52003	1.273	ng/ul	100
20) Pyrene	19.158	202	45783	1.018	ng/ul	99
21) Benzo(a)anthracene	20.941	228	23333	0.616	ng/ul	99
22) Chrysene	20.990	228	24431	0.622	ng/ul	97
24) Benzo(b)fluoranthene	22.431	252	32087m	0.788	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	11742m	0.261	ng/ul	
26) Benzo(a)pyrene	22.948	252	22738	0.577	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.064	276	16058m	0.335	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	3674m	0.100	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	17226	0.447	ng/ul	96

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

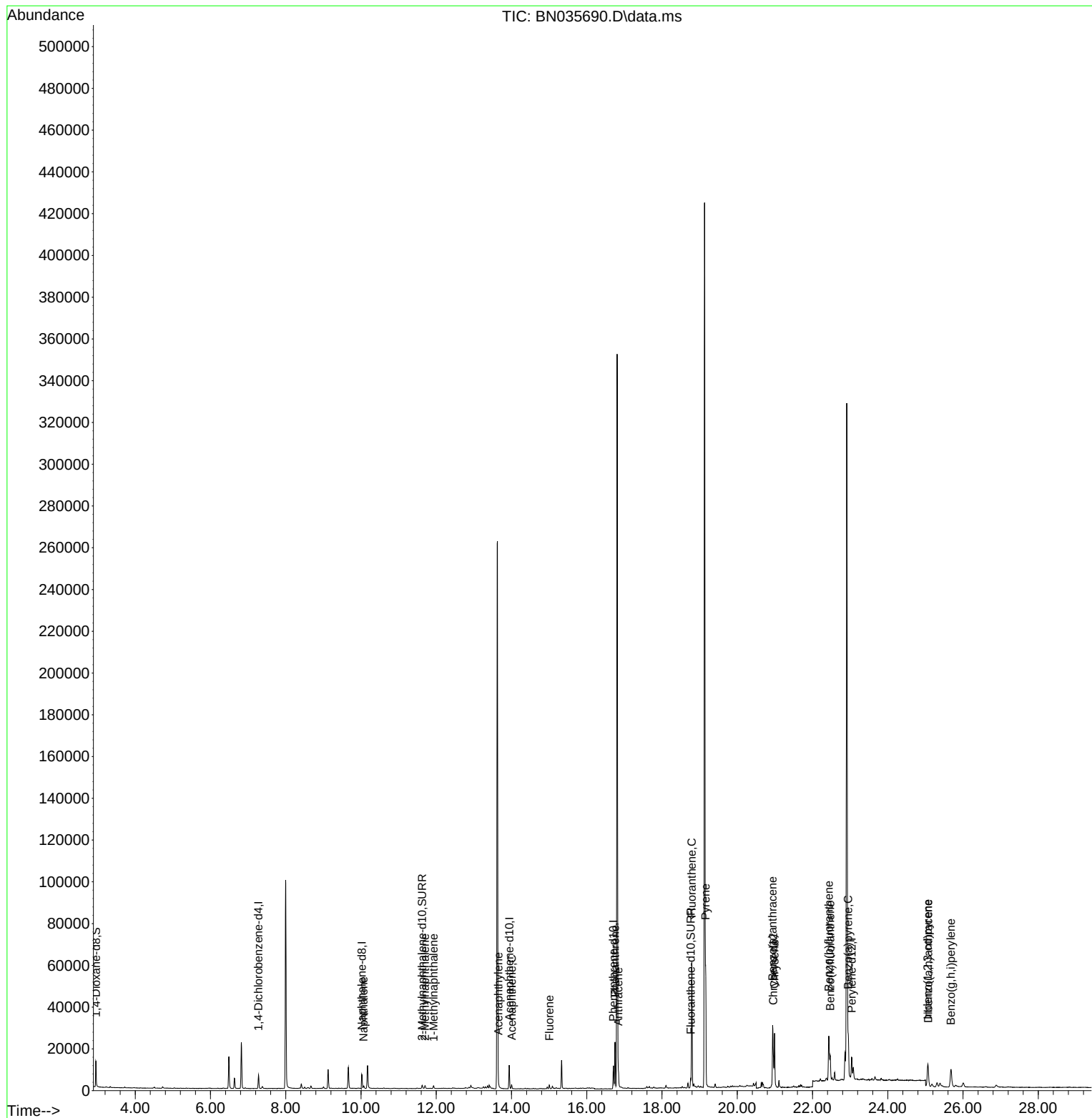
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035690.D
Acq On : 19 Dec 2024 03:42
Operator : RC/JU
Sample : P5258-17
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ALS Vial : 30 Sample Multiplier: 1

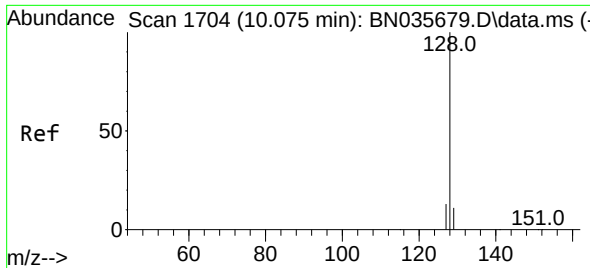
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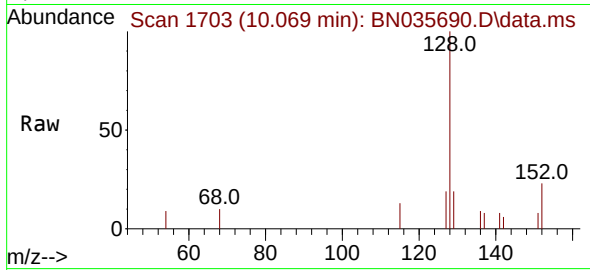
Quant Time: Dec 19 06:41:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.067 ng/ul m
RT: 10.069 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

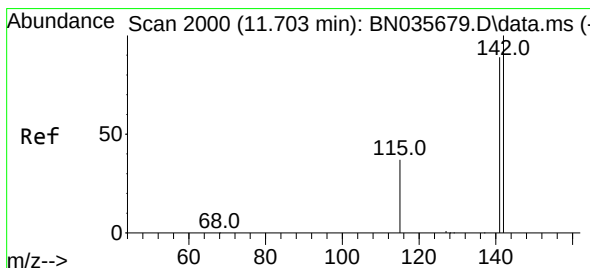
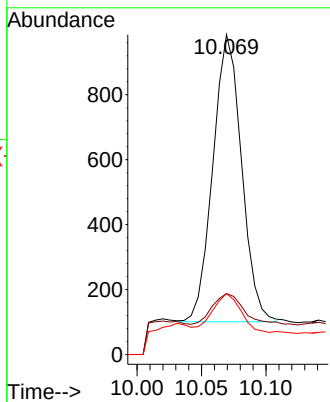
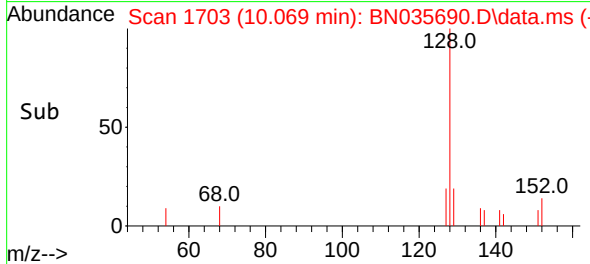
Instrument :
BNA_N
ClientSampleId :
E28Y0



Tgt Ion:128 Resp: 1368
Ion Ratio Lower Upper
128 100
129 19.1 10.8 16.2
127 19.1 12.0 18.0

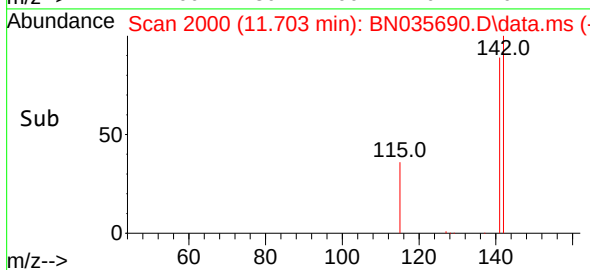
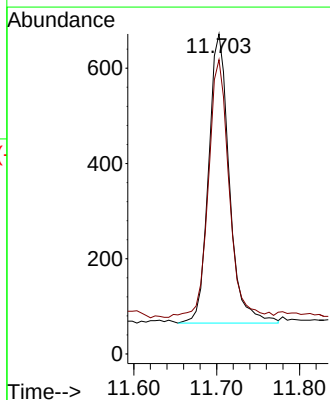
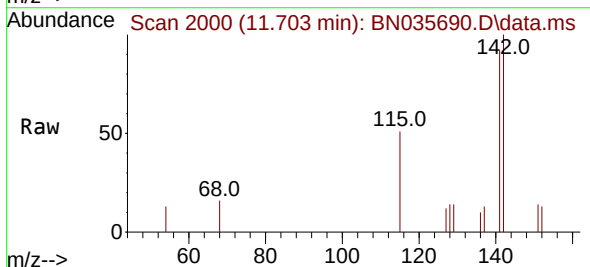
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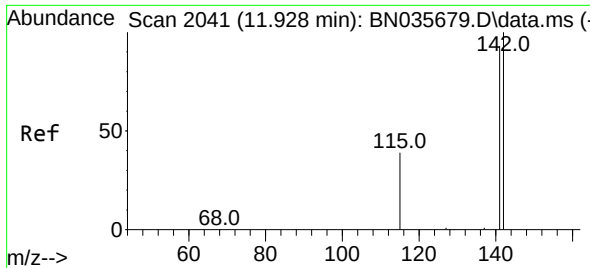
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

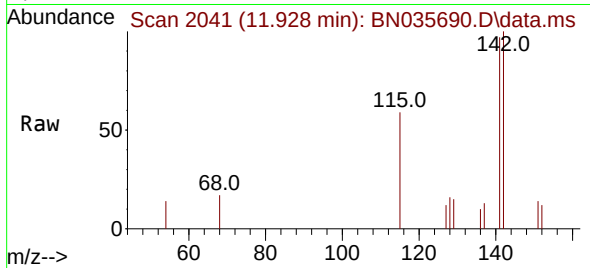
Tgt Ion:142 Resp: 1055
Ion Ratio Lower Upper
142 100
141 88.6 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 11.928 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

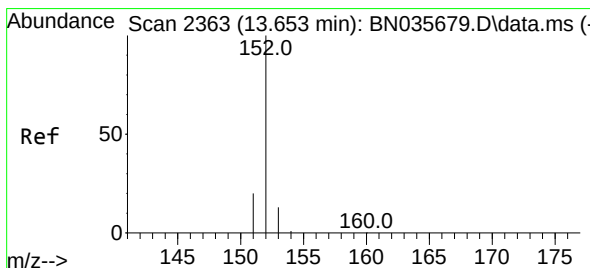
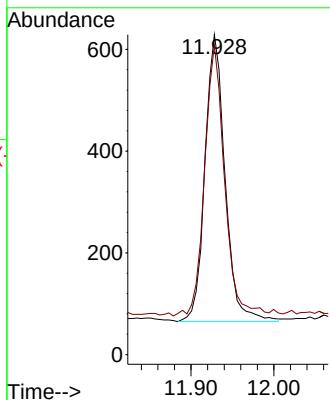
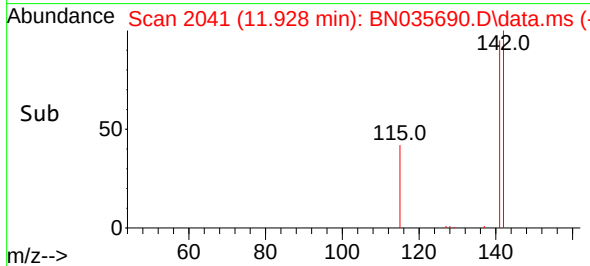
Instrument :
BNA_N
ClientSampleId :
E28Y0



Tgt Ion:142 Resp: 954
Ion Ratio Lower Upper
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141 93.3 74.7 112.1

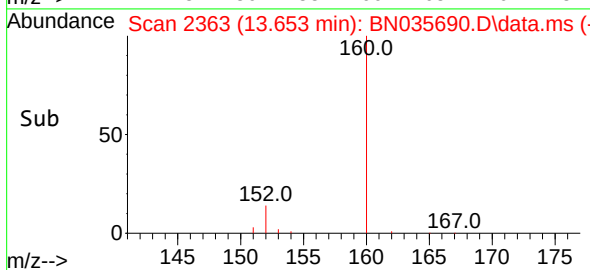
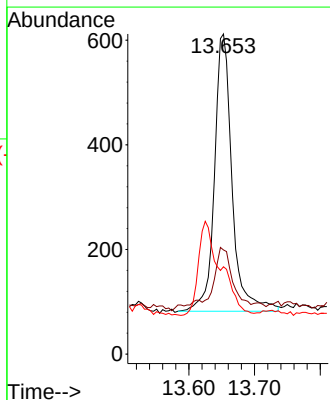
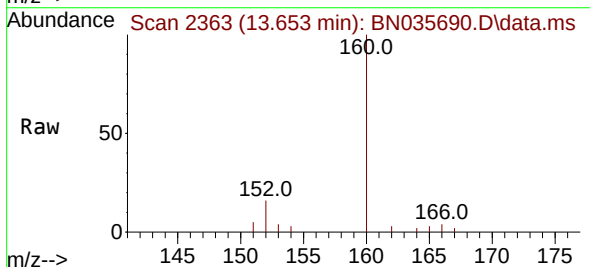
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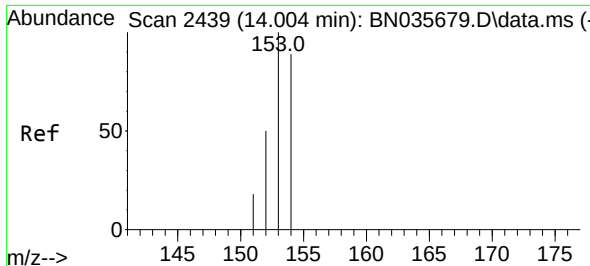
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 13.653 min Scan# 2363
Delta R.T. -0.009 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

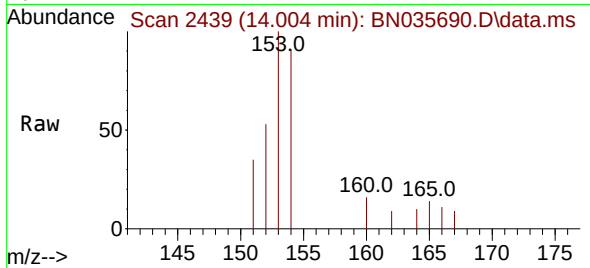
Tgt Ion:152 Resp: 988
Ion Ratio Lower Upper
152 100
151 32.5 17.6 26.4#
153 27.3 11.4 17.2#





#11
Acenaphthene
Concen: 0.064 ng/u1
RT: 14.004 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

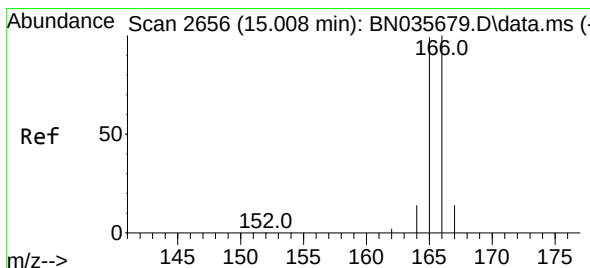
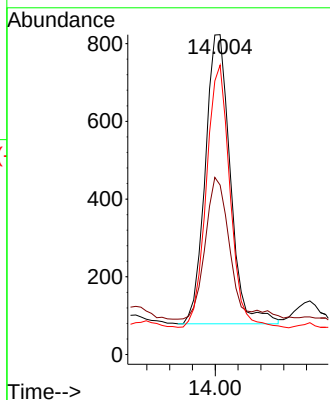
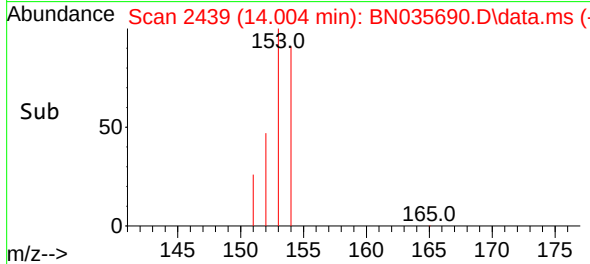
Instrument :
BNA_N
ClientSampleId :
E28Y0



Tgt Ion:153 Resp: 1135
Ion Ratio Lower Upper
153 100
152 53.0 39.8 59.6
154 90.5 69.8 104.8

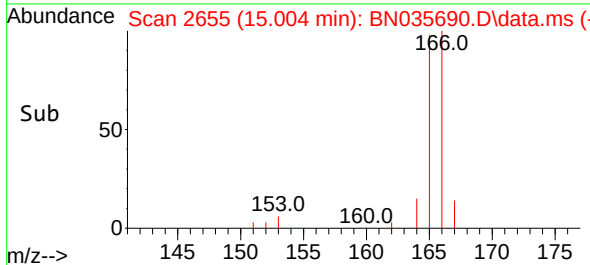
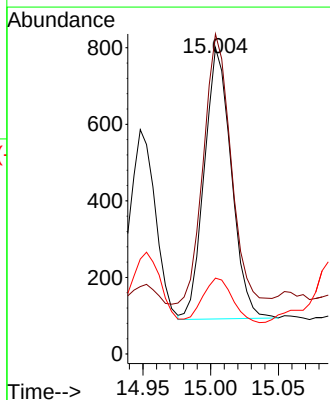
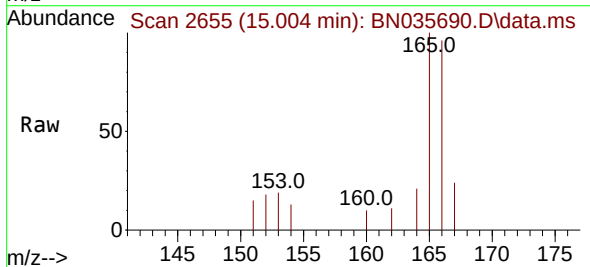
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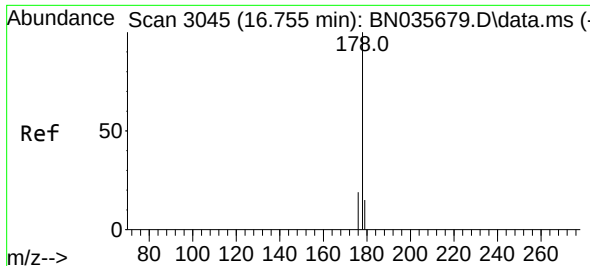
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.048 ng/u1
RT: 15.004 min Scan# 2655
Delta R.T. -0.009 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

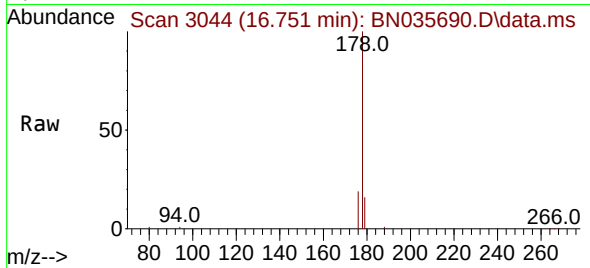
Tgt Ion:166 Resp: 985
Ion Ratio Lower Upper
166 100
165 104.5 79.5 119.3
167 24.8 11.8 17.8#





#15
Phenanthrene
Concen: 0.698 ng/u1
RT: 16.751 min Scan# 3044
Delta R.T. -0.008 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

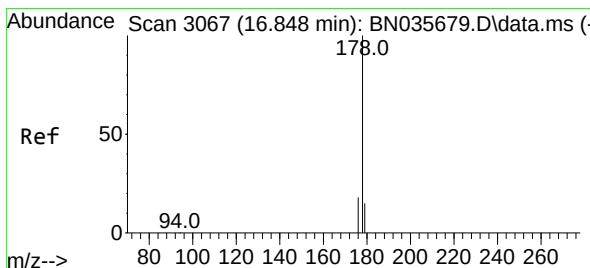
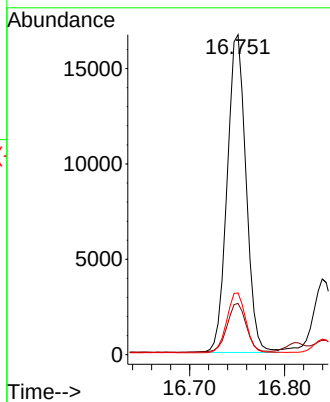
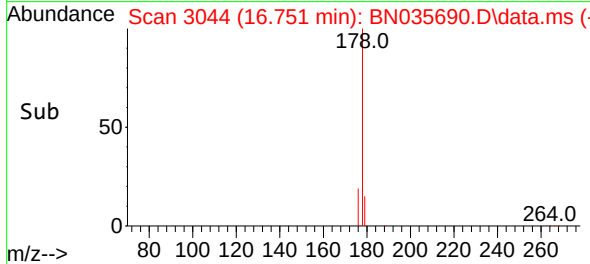
Instrument :
BNA_N
ClientSampleId :
E28Y0



Tgt Ion:178 Resp: 2304
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.3 15.8 23.8

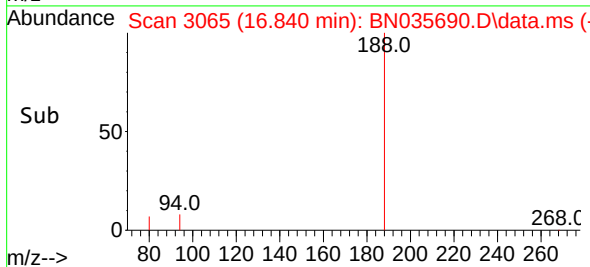
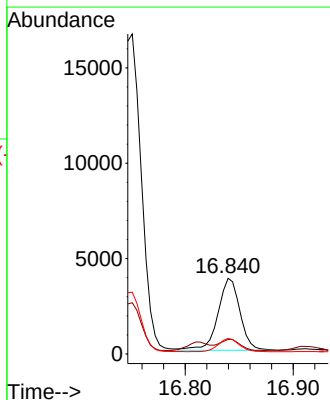
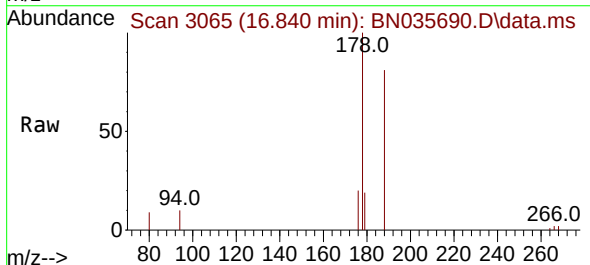
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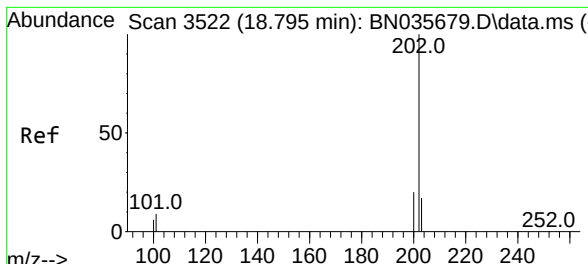
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.173 ng/u1
RT: 16.840 min Scan# 3065
Delta R.T. -0.008 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

Tgt Ion:178 Resp: 5327
Ion Ratio Lower Upper
178 100
179 19.3 13.4 20.0
176 20.5 15.4 23.0





#19
 Fluoranthene
 Concen: 1.273 ng/ul
 RT: 18.791 min Scan# 3522
 Delta R.T. -0.009 min
 Lab File: BN035690.D
 Acq: 19 Dec 2024 03:42

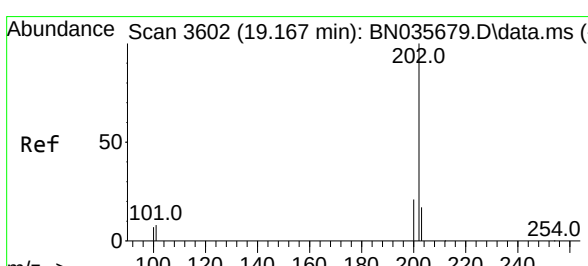
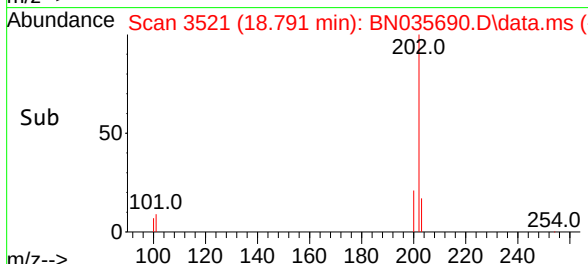
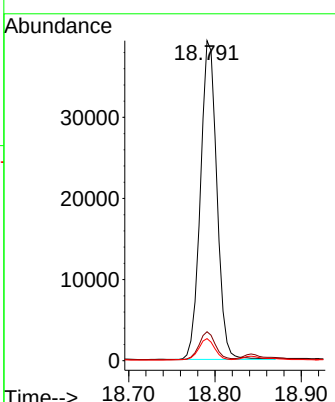
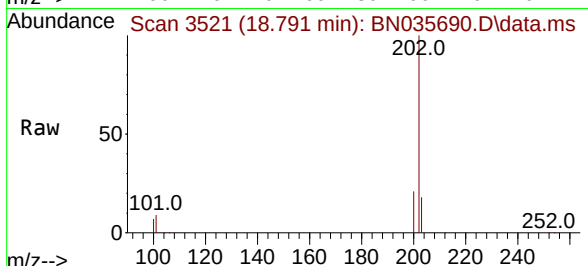
Instrument :
 BNA_N
 ClientSampleId :
 E28Y0

Tgt Ion:202 Resp: 52000

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
100	6.9	5.4	8.0

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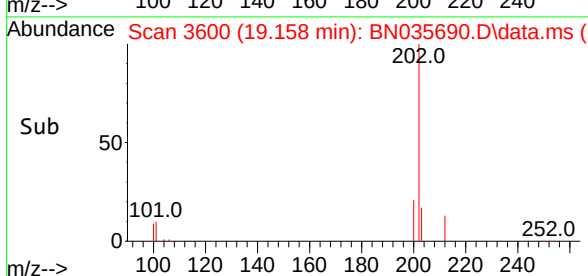
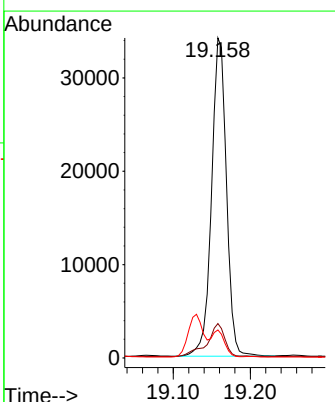
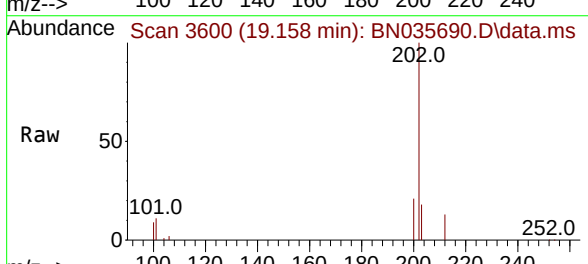
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 Supervised By :mohammad ahmed 12/24/2024

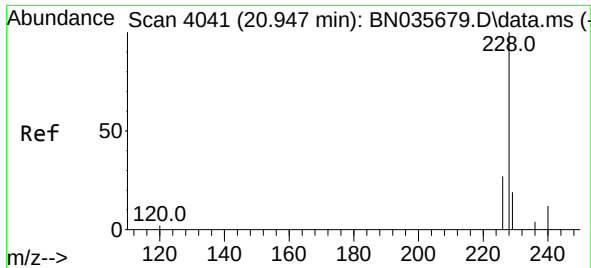


#20
 Pyrene
 Concen: 1.018 ng/ul
 RT: 19.158 min Scan# 3600
 Delta R.T. -0.009 min
 Lab File: BN035690.D
 Acq: 19 Dec 2024 03:42

Tgt Ion:202 Resp: 45783

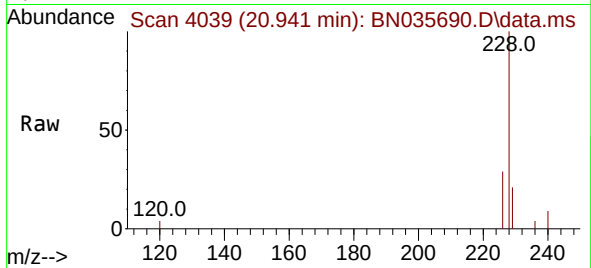
Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.5	12.7
100	8.8	6.5	9.7





#21
Benzo(a)anthracene
Concen: 0.616 ng/ul
RT: 20.941 min Scan# 4041
Delta R.T. -0.009 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

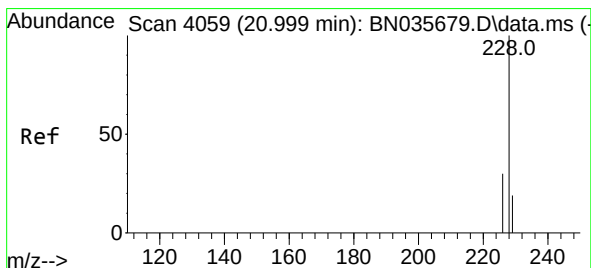
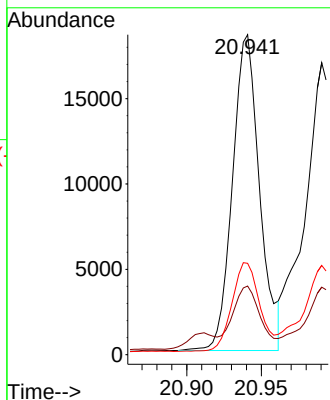
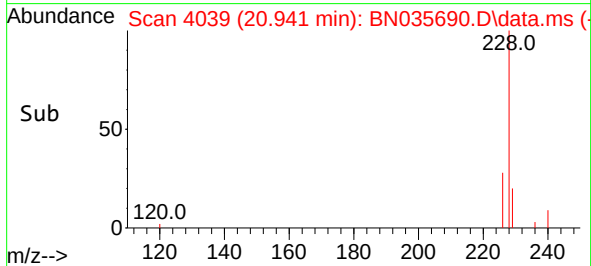
Instrument :
BNA_N
ClientSampleId :
E28Y0



Tgt Ion:228 Resp: 2333
Ion Ratio Lower Upper
228 100
229 21.4 16.6 25.0
226 28.6 22.5 33.7

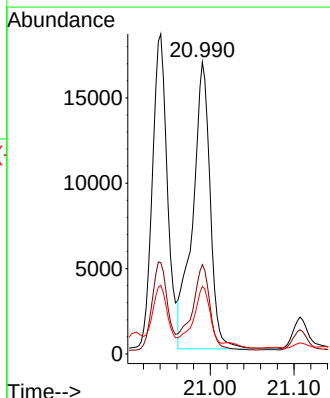
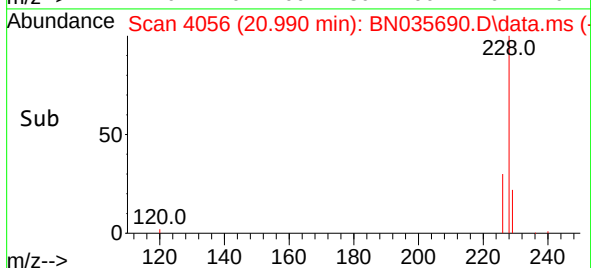
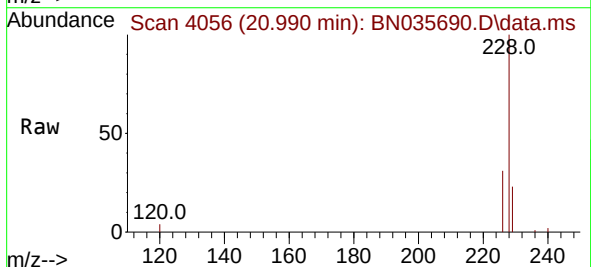
Manual Integrations
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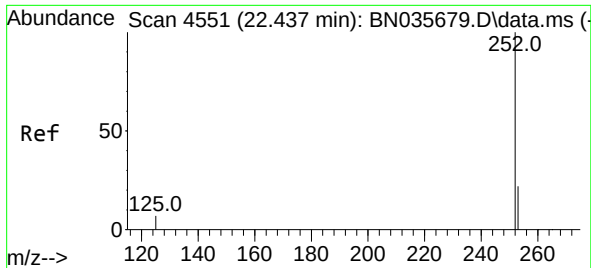
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 0.622 ng/ul
RT: 20.990 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

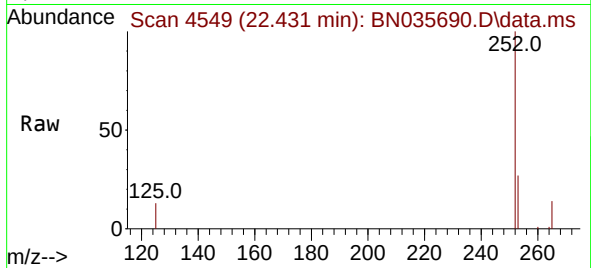
Tgt Ion:228 Resp: 24431
Ion Ratio Lower Upper
228 100
226 30.6 25.1 37.7
229 23.2 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.788 ng/ul m
RT: 22.431 min Scan# 4549
Delta R.T. -0.012 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

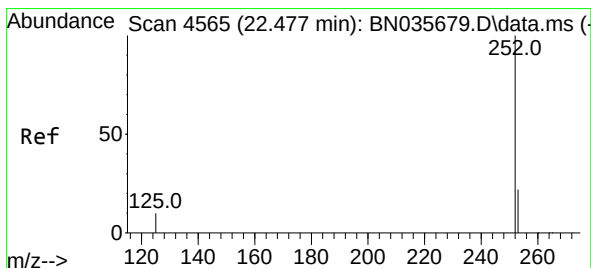
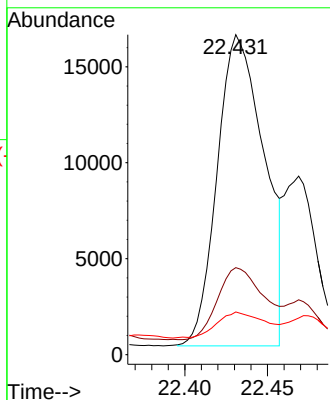
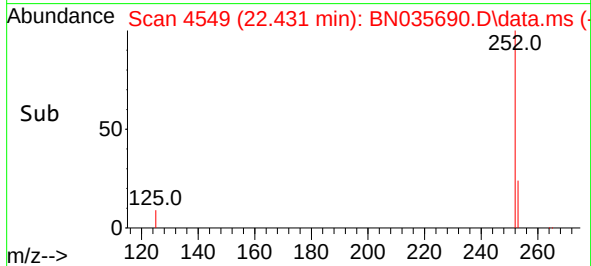
Instrument :
BNA_N
ClientSampleId :
E28Y0



Tgt Ion:252 Resp: 3208
Ion Ratio Lower Upper
252 100
253 27.2 0.0 56.4
125 13.4 0.0 37.6

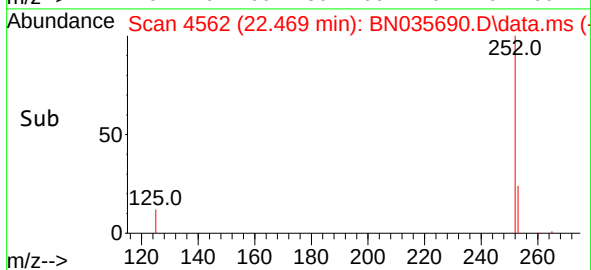
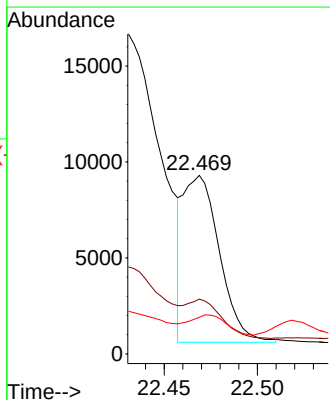
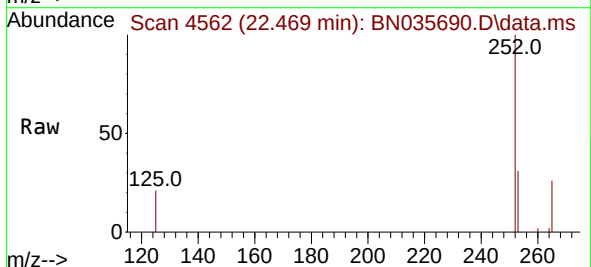
Manual Integrations
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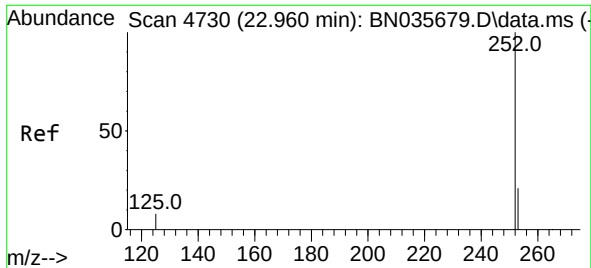
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.261 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

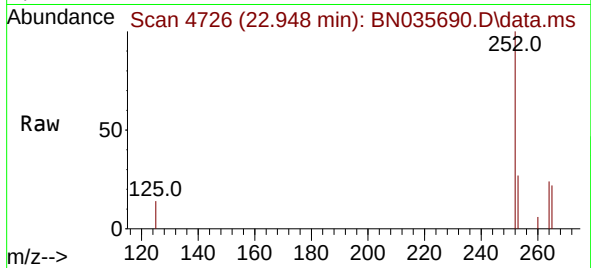
Tgt Ion:252 Resp: 11742
Ion Ratio Lower Upper
252 100
253 30.7 22.1 33.1
125 20.5 15.3 22.9





#26
Benzo(a)pyrene
Concen: 0.577 ng/ul
RT: 22.948 min Scan# 41
Delta R.T. -0.015 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

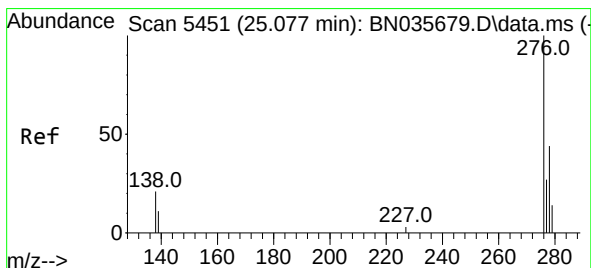
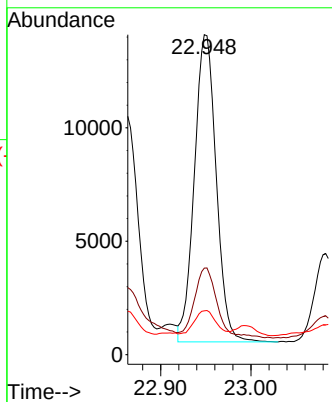
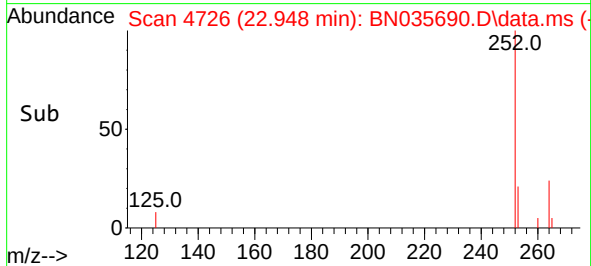
Instrument :
BNA_N
ClientSampleId :
E28Y0



Tgt Ion:252 Resp: 22738
Ion Ratio Lower Upper
252 100
253 27.1 24.1 36.1
125 13.7 19.1 28.7

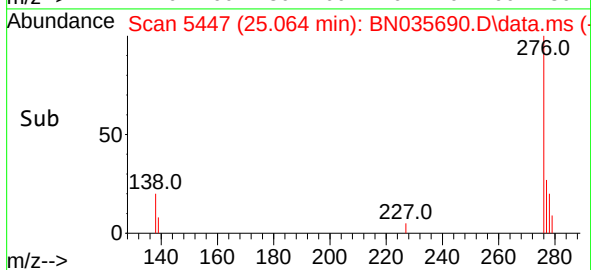
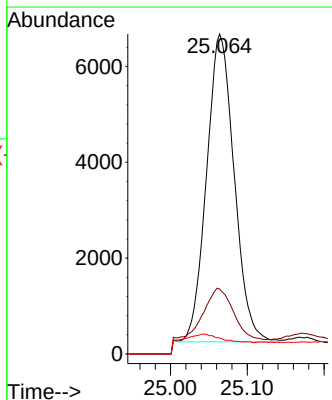
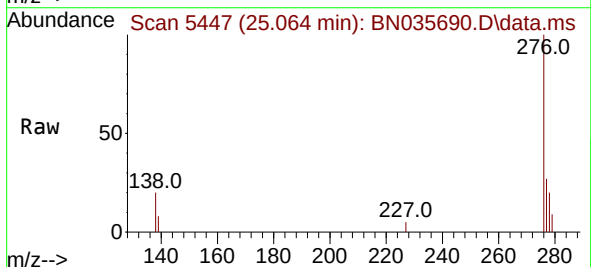
Manual Integrations
APPROVED

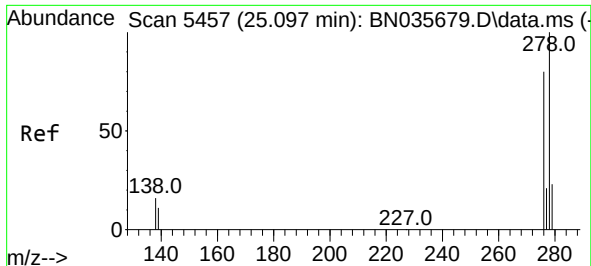
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng/ul m
RT: 25.064 min Scan# 5447
Delta R.T. -0.017 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

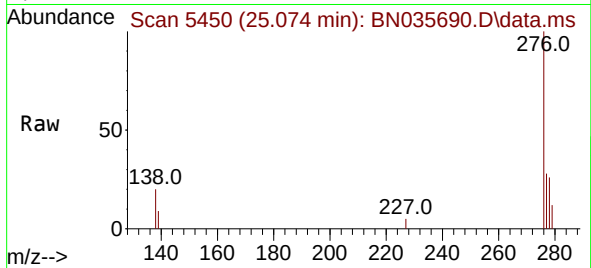
Tgt Ion:276 Resp: 16058
Ion Ratio Lower Upper
276 100
138 47.4 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul m
RT: 25.074 min Scan# 5457
Delta R.T. -0.027 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42

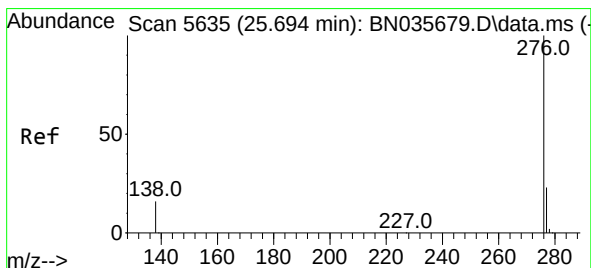
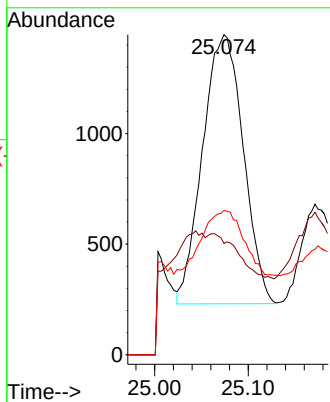
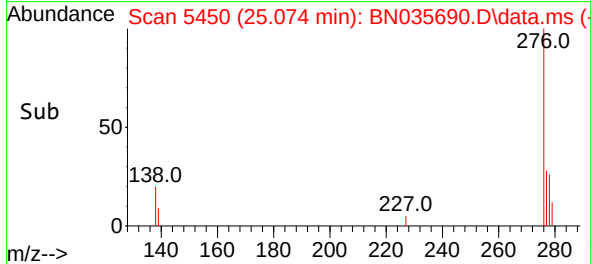
Instrument :
BNA_N
ClientSampleId :
E28Y0



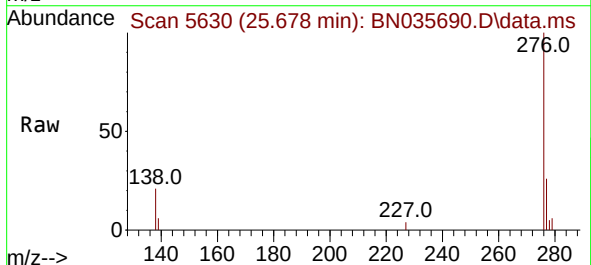
Tgt Ion:278 Resp: 3674
Ion Ratio Lower Upper
278 100
139 34.8 19.8 29.8
279 45.1 24.0 36.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.447 ng/ul
RT: 25.678 min Scan# 5630
Delta R.T. -0.020 min
Lab File: BN035690.D
Acq: 19 Dec 2024 03:42



Tgt Ion:276 Resp: 17226
Ion Ratio Lower Upper
276 100
138 21.5 19.6 29.4
277 26.3 21.6 32.4

