

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035309.D
 Acq On : 26 Nov 2024 10:35
 Operator : RC/JU
 Sample : P4872-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024

Quant Time: Nov 26 22:12:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 06:09:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.314	152	3337	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	8210	0.400	ng/ul #	0.00
9) Acenaphthene-d10	13.972	164	4570	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	8708m	0.400	ng/ul	0.00
17) Chrysene-d12	20.979	240	7393	0.400	ng/ul #	0.00
23) Perylene-d12	23.074	264	7319m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	17156	5.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	3952	0.328	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	8896	0.436	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.108	128	511	0.025	ng/ul#	71
10) Acenaphthylene	13.685	152	3067	0.169	ng/ul#	93
12) Fluorene	15.036	166	908	0.056	ng/ul#	95
15) Phenanthrene	16.776	178	9136	0.397	ng/ul	99
16) Anthracene	16.869	178	3334	0.156	ng/ul#	92
19) Fluoranthene	18.819	202	27841	1.082	ng/ul#	95
20) Pyrene	19.186	202	24762m	0.924	ng/ul	
21) Benzo(a)anthracene	20.964	228	13858	0.540	ng/ul	93
22) Chrysene	21.014	228	13918	0.539	ng/ul	98
24) Benzo(b)fluoranthene	22.463	252	20379m	0.842	ng/ul	
25) Benzo(k)fluoranthene	22.498	252	7507m	0.301	ng/ul	
26) Benzo(a)pyrene	22.986	252	15400m	0.697	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.114	276	10873m	0.364	ng/ul	
28) Dibenzo(a,h)anthracene	25.124	278	2244m	0.096	ng/ul	
29) Benzo(g,h,i)perylene	25.735	276	11148m	0.474	ng/ul	

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

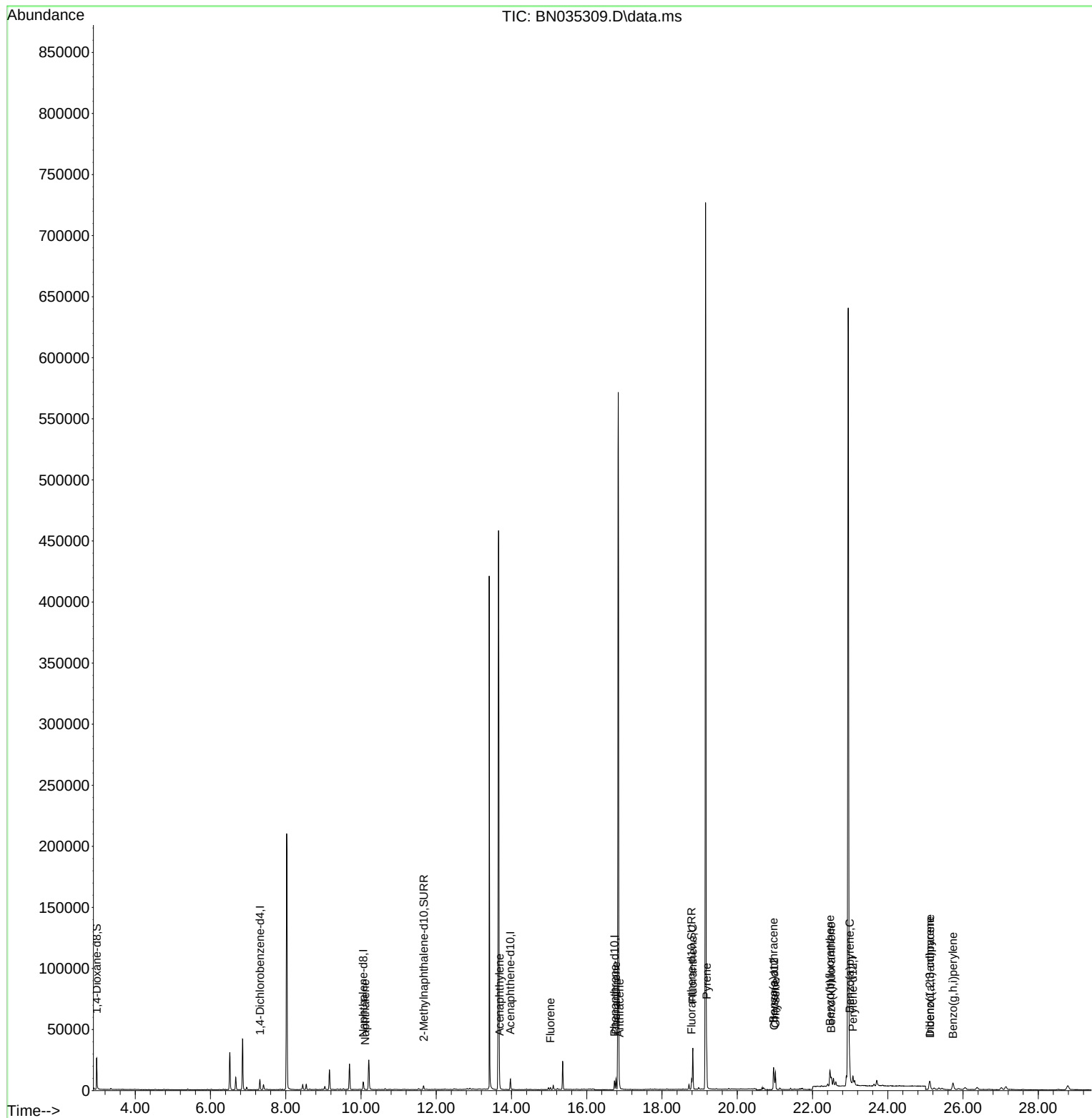
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Data File : BN035309.D
Acq On : 26 Nov 2024 10:35
Operator : RC/JU
Sample : P4872-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

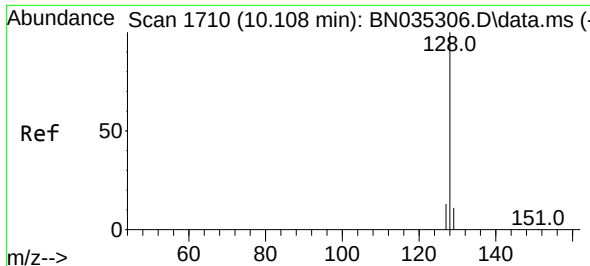
Instrument :
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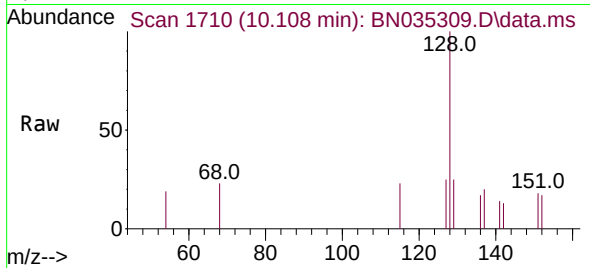
Quant Time: Nov 26 22:12:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
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#5
Naphthalene
Concen: 0.025 ng/u1
RT: 10.108 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN035309.D
Acq: 26 Nov 2024 10:35

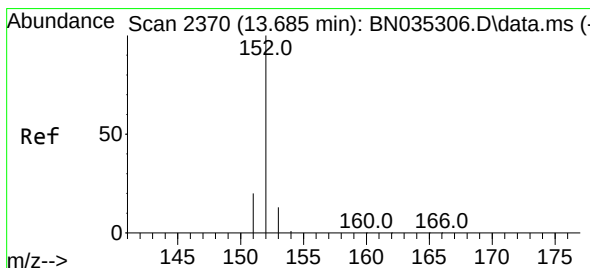
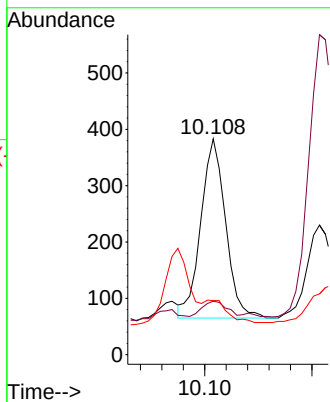
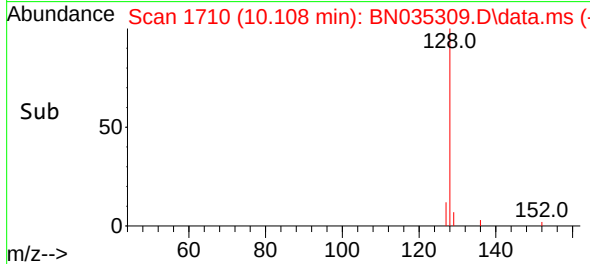
Instrument :
BNA_N
ClientSampleId :
E29Y4



Tgt Ion:128 Resp: 511
Ion Ratio Lower Upper
128 100
129 24.8 9.9 14.9
127 25.1 11.4 17.2

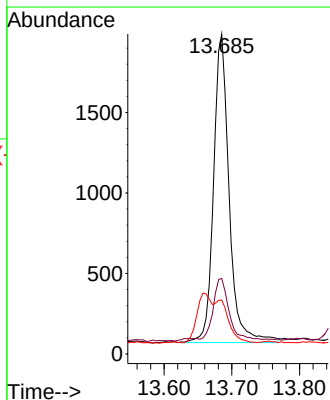
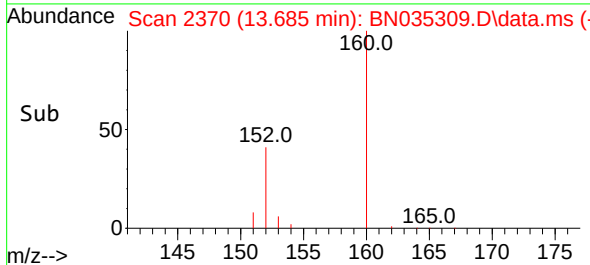
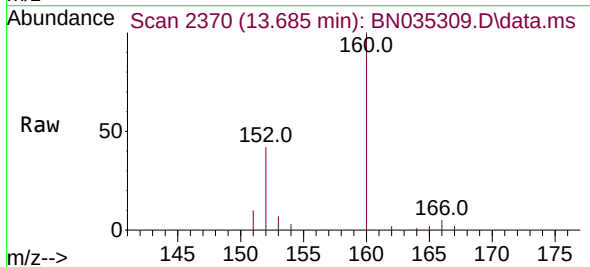
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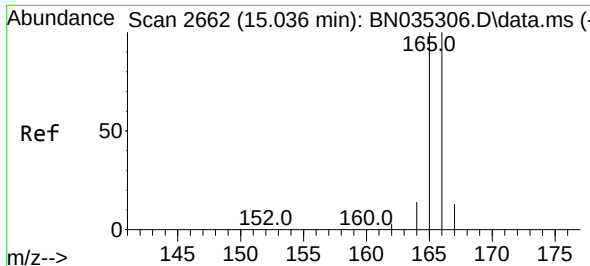
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#10
Acenaphthylene
Concen: 0.169 ng/u1
RT: 13.685 min Scan# 2370
Delta R.T. -0.000 min
Lab File: BN035309.D
Acq: 26 Nov 2024 10:35

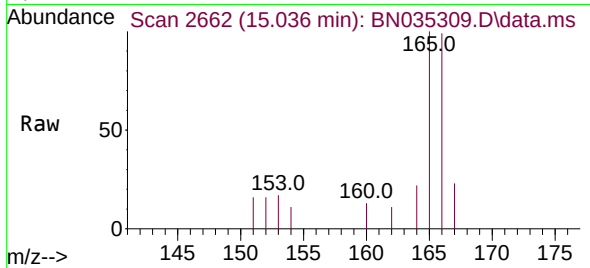
Tgt Ion:152 Resp: 3067
Ion Ratio Lower Upper
152 100
151 23.6 16.4 24.6
153 16.9 11.1 16.7





#12
Fluorene
Concen: 0.056 ng/u1
RT: 15.036 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN035309.D
Acq: 26 Nov 2024 10:35

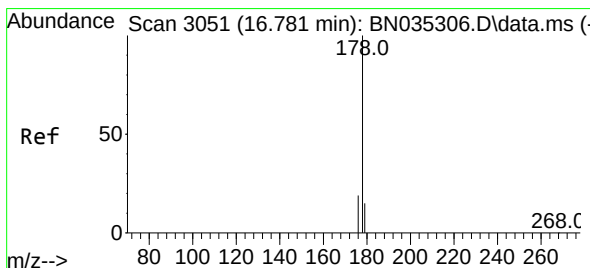
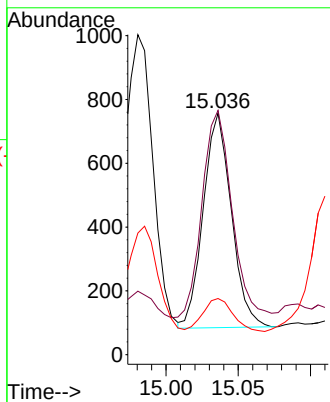
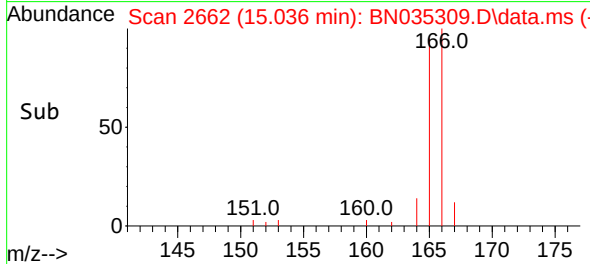
Instrument :
BNA_N
ClientSampleId :
E29Y4



Tgt Ion:166 Resp: 908
Ion Ratio Lower Upper
166 100
165 101.2 78.6 118.0
167 23.2 11.8 17.6

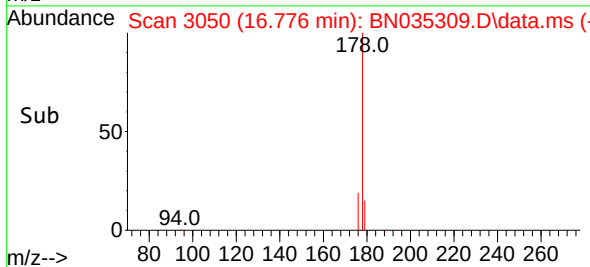
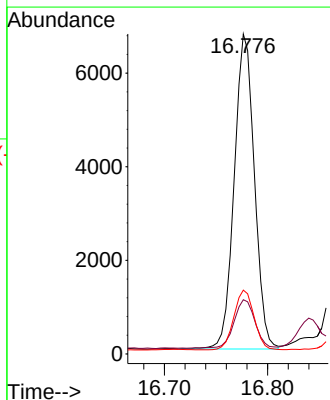
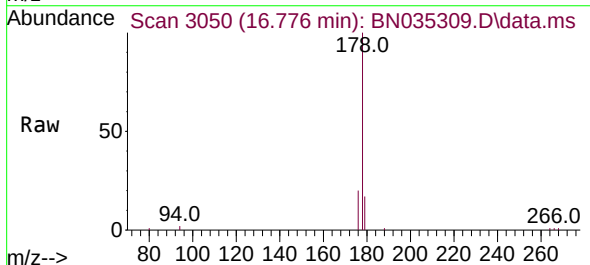
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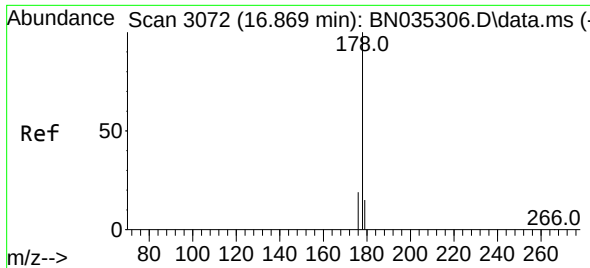
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#15
Phenanthrene
Concen: 0.397 ng/u1
RT: 16.776 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN035309.D
Acq: 26 Nov 2024 10:35

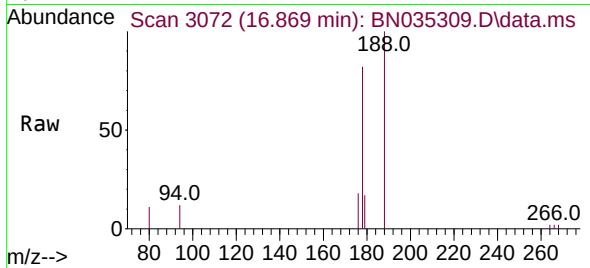
Tgt Ion:178 Resp: 9136
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 20.0 15.6 23.4





#16
 Anthracene
 Concen: 0.156 ng/ul
 RT: 16.869 min Scan# 3072
 Delta R.T. -0.004 min
 Lab File: BN035309.D
 Acq: 26 Nov 2024 10:35

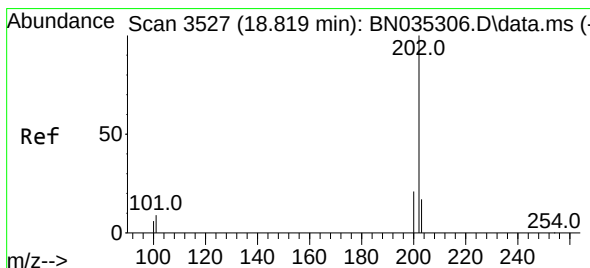
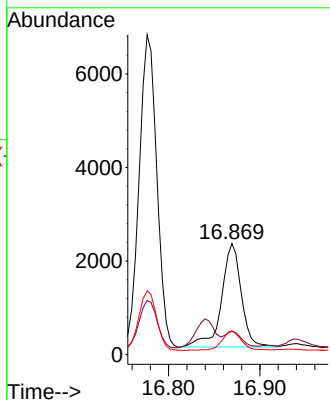
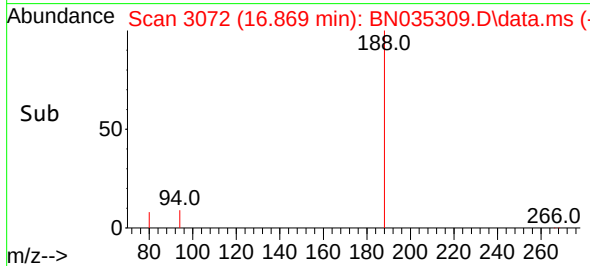
Instrument :
 BNA_N
 ClientSampleId :
 E29Y4



Tgt Ion:178 Resp: 3334
 Ion Ratio Lower Upper
 178 100
 179 21.0 12.9 19.3#
 176 21.4 15.4 23.2#

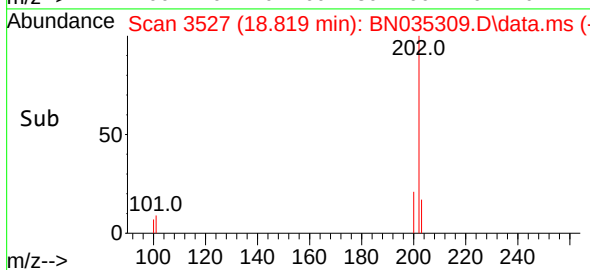
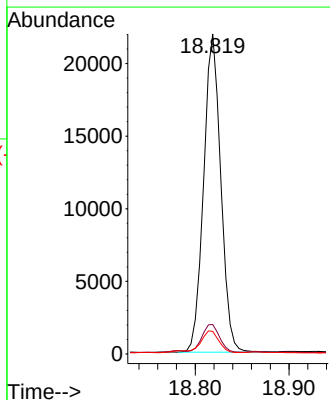
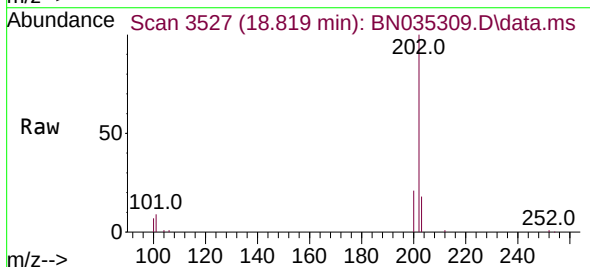
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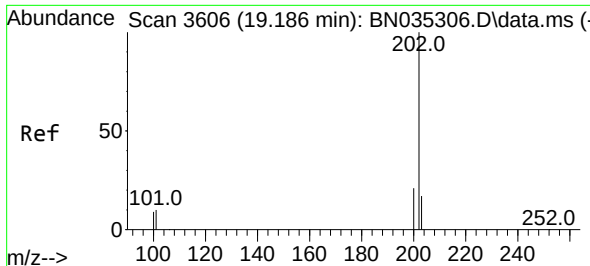
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024



#19
 Fluoranthene
 Concen: 1.082 ng/ul
 RT: 18.819 min Scan# 3527
 Delta R.T. -0.000 min
 Lab File: BN035309.D
 Acq: 26 Nov 2024 10:35

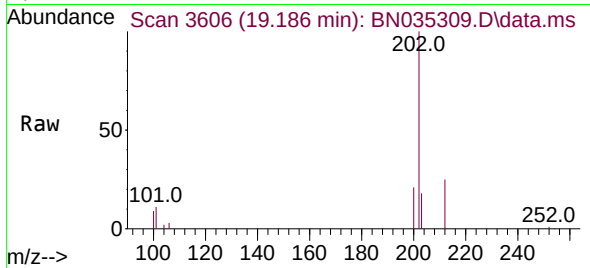
Tgt Ion:202 Resp: 27841
 Ion Ratio Lower Upper
 202 100
 101 9.2 5.8 8.6#
 100 7.1 4.5 6.7#





#20
Pyrene
Concen: 0.924 ng/ul m
RT: 19.186 min Scan# 3606
Delta R.T. -0.000 min
Lab File: BN035309.D
Acq: 26 Nov 2024 10:35

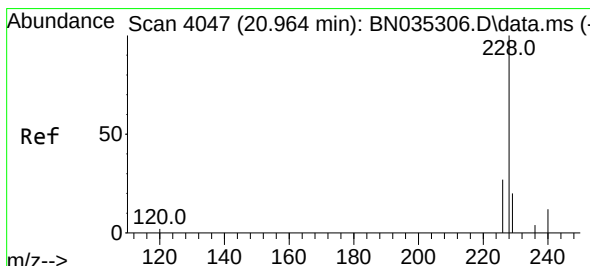
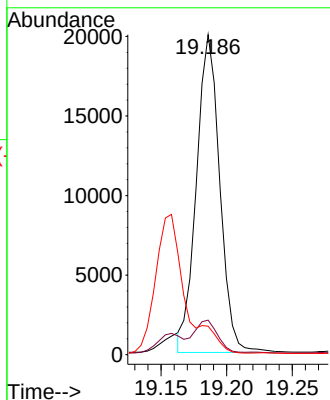
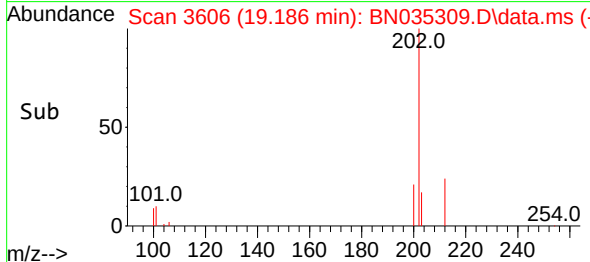
Instrument :
BNA_N
ClientSampleId :
E29Y4



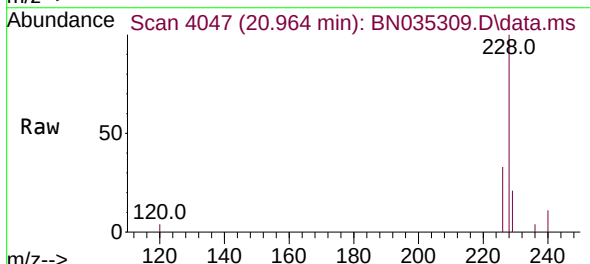
Tgt Ion:202 Resp: 24762
Ion Ratio Lower Upper
202 100
101 10.8 6.2 9.4
100 8.9 5.1 7.7

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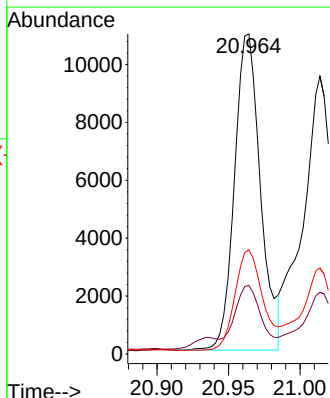
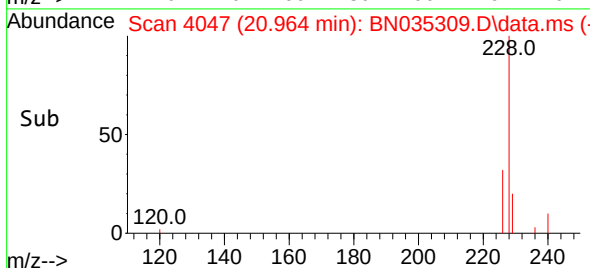
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

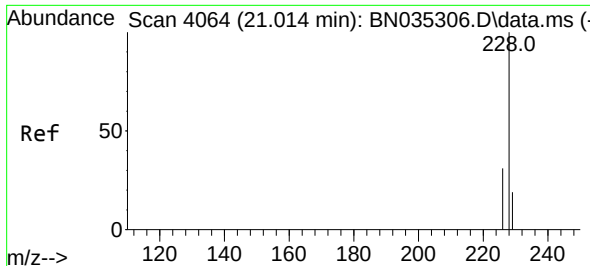


#21
Benzo(a)anthracene
Concen: 0.540 ng/ul
RT: 20.964 min Scan# 4047
Delta R.T. -0.000 min
Lab File: BN035309.D
Acq: 26 Nov 2024 10:35



Tgt Ion:228 Resp: 13858
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.8
226 32.6 21.8 32.8





#22

Chrysene

Concen: 0.539 ng/ul

RT: 21.014 min Scan# 4064

Delta R.T. -0.003 min

Lab File: BN035309.D

Acq: 26 Nov 2024 10:35

Instrument :

BNA_N

ClientSampleId :

E29Y4

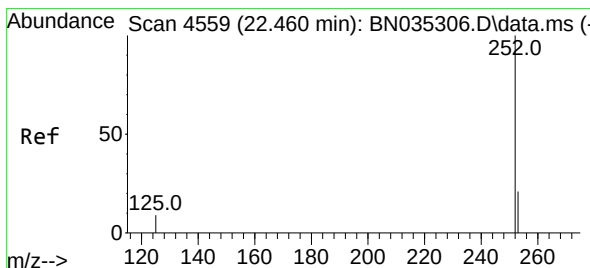
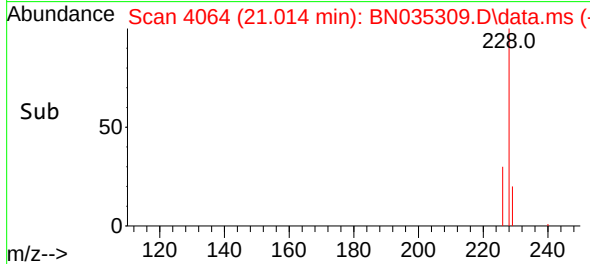
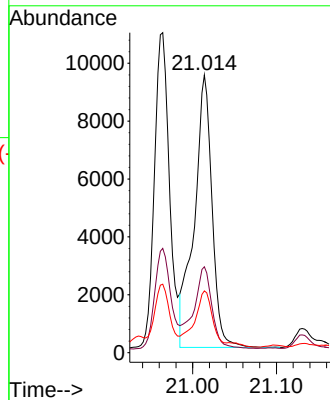
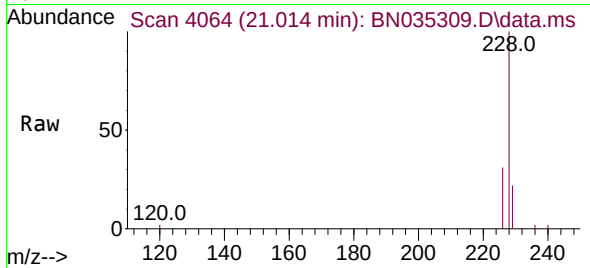
Tgt Ion:	228	Resp:	13918
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.7	37.1
229	22.2	16.0	24.0

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Supervised By :mohammad ahmed 11/28/2024



#24

Benzo(b)fluoranthene

Concen: 0.842 ng/ul m

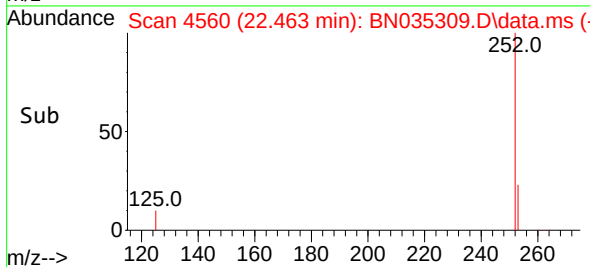
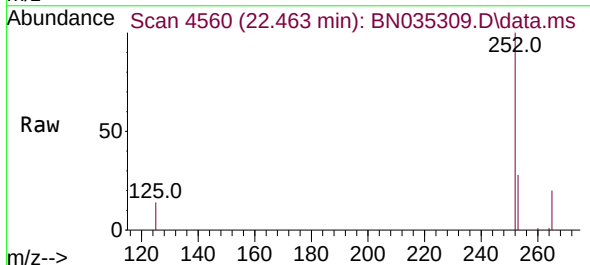
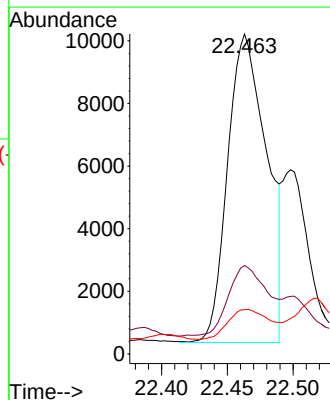
RT: 22.463 min Scan# 4560

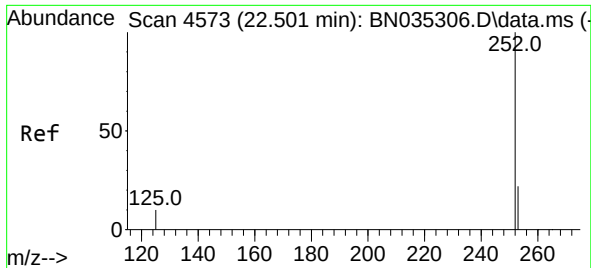
Delta R.T. -0.000 min

Lab File: BN035309.D

Acq: 26 Nov 2024 10:35

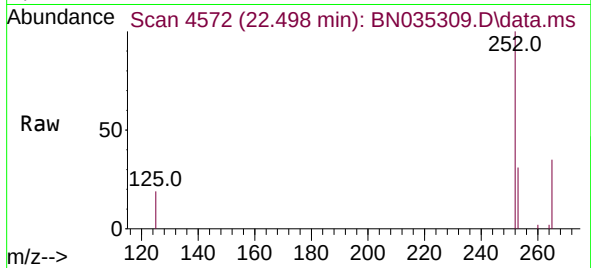
Tgt Ion:	252	Resp:	20379
Ion Ratio	Lower	Upper	
252	100		
253	27.6	0.0	54.0
125	13.9	0.0	19.4





#25
Benzo(k)fluoranthene
Concen: 0.301 ng/ul m
RT: 22.498 min Scan# 4572
Delta R.T. -0.006 min
Lab File: BN035309.D
Acq: 26 Nov 2024 10:35

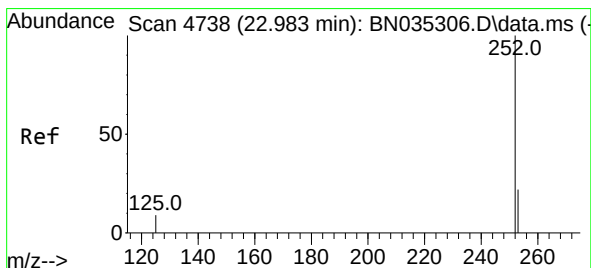
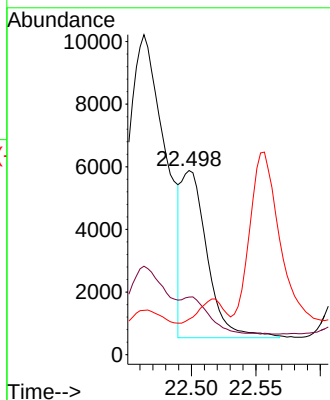
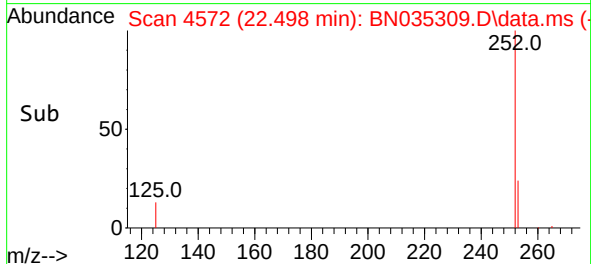
Instrument :
BNA_N
ClientSampleId :
E29Y4



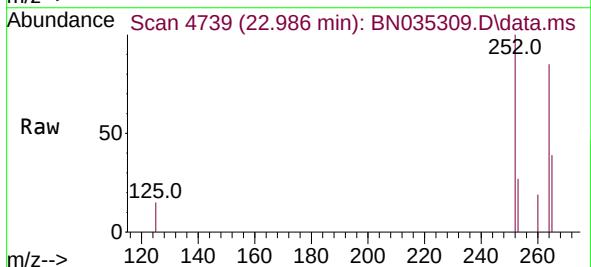
Tgt Ion:252 Resp: 750
Ion Ratio Lower Upper
252 100
253 31.3 21.8 32.6
125 19.3 8.6 12.8

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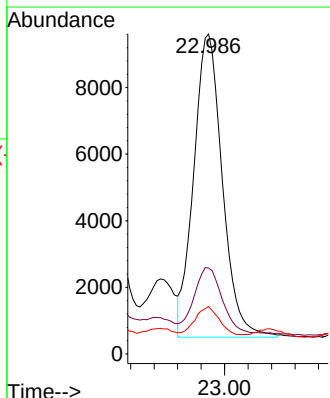
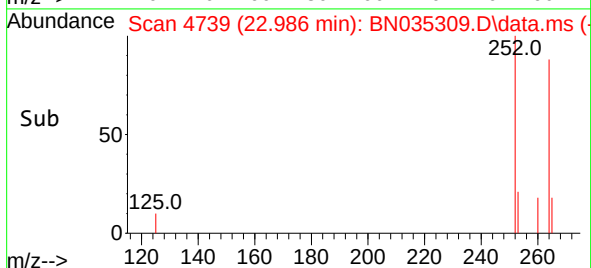
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

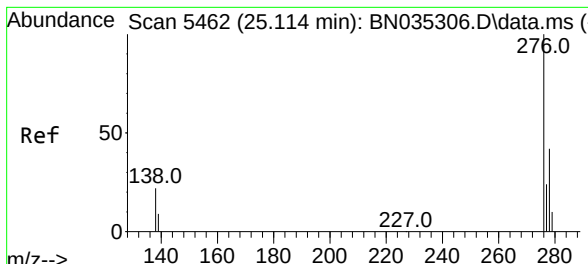


#26
Benzo(a)pyrene
Concen: 0.697 ng/ul m
RT: 22.986 min Scan# 4739
Delta R.T. -0.000 min
Lab File: BN035309.D
Acq: 26 Nov 2024 10:35



Tgt Ion:252 Resp: 15400
Ion Ratio Lower Upper
252 100
253 26.9 22.9 34.3
125 14.8 9.4 14.2





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.364 ng/ul m
 RT: 25.114 min Scan# 5462
 Delta R.T. -0.007 min
 Lab File: BN035309.D
 Acq: 26 Nov 2024 10:35

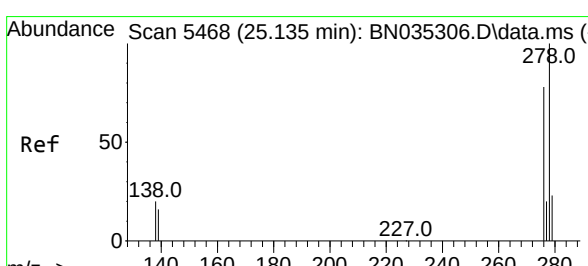
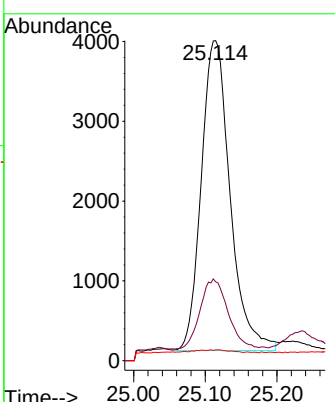
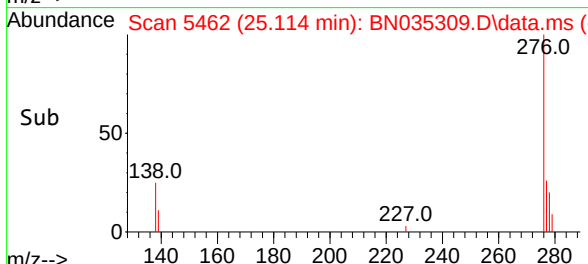
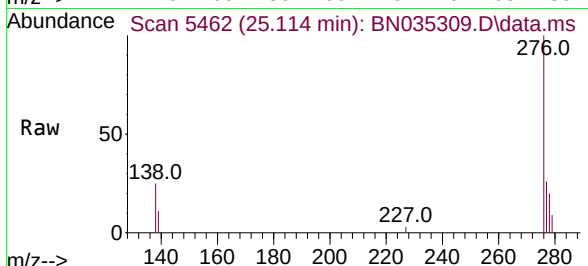
Instrument :
 BNA_N
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Tgt Ion: 276 Resp: 1087

Ion	Ratio	Lower	Upper
276	100		
138	5.1	13.8	20.8
227	0.0	0.2	0.4

Manual Integrations
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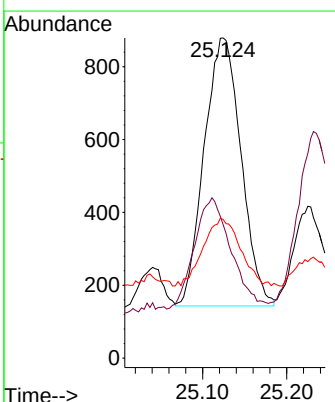
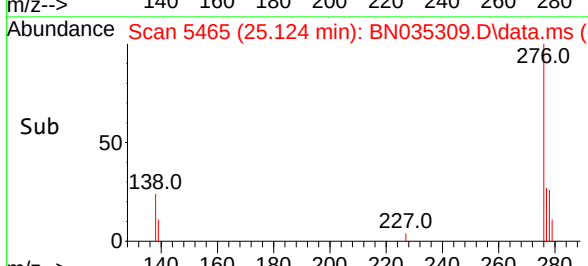
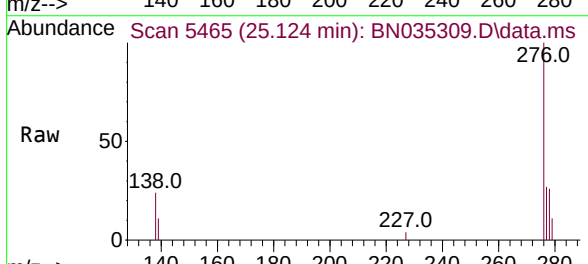
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024

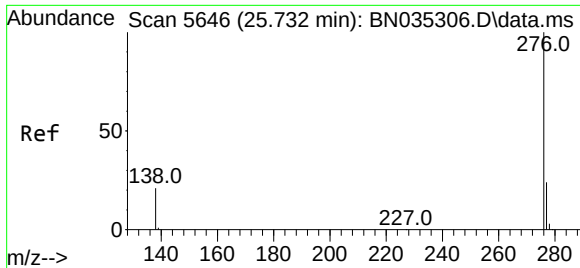


#28
 Dibenzo(a,h)anthracene
 Concen: 0.096 ng/ul m
 RT: 25.124 min Scan# 5465
 Delta R.T. -0.013 min
 Lab File: BN035309.D
 Acq: 26 Nov 2024 10:35

Tgt Ion: 278 Resp: 2244

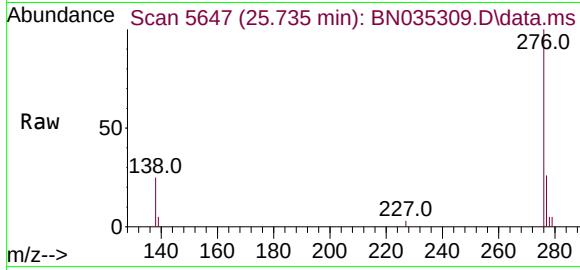
Ion	Ratio	Lower	Upper
278	100		
139	41.6	10.7	16.1#
279	43.3	22.8	34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.474 ng/ul m
RT: 25.735 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN035309.D
Acq: 26 Nov 2024 10:35

Instrument :
BNA_N
ClientSampleId :
E29Y4



Tgt Ion:276 Resp: 11148
Ion Ratio Lower Upper
276 100
138 25.2 13.0 19.6
277 25.7 20.5 30.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

