

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035315.D
 Acq On : 26 Nov 2024 14:27
 Operator : RC/JU
 Sample : P4872-19DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y6DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 22:13:39 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	3749	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	9206	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164	4847	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	9462	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.979	240	8425	0.400	ng/ul	# 0.00
23) Perylene-d12	23.071	264	8722m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	4069	1.188	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	854	0.063	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	1830	0.079	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.685	152	4477	0.233	ng/ul	98
11) Acenaphthene	14.032	153	357	0.024	ng/ul#	90
12) Fluorene	15.036	166	2344	0.136	ng/ul	97
15) Phenanthrene	16.776	178	29390	1.175	ng/ul	99
16) Anthracene	16.869	178	7016	0.302	ng/ul	99
19) Fluoranthene	18.819	202	60616	2.067	ng/ul	97
20) Pyrene	19.186	202	50033	1.639	ng/ul#	94
21) Benzo(a)anthracene	20.961	228	24814	0.849	ng/ul	94
22) Chrysene	21.014	228	23611	0.803	ng/ul	99
24) Benzo(b)fluoranthene	22.460	252	27795m	0.964	ng/ul	
25) Benzo(k)fluoranthene	22.498	252	11913m	0.401	ng/ul	
26) Benzo(a)pyrene	22.980	252	20384	0.774	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.111	276	13427	0.377	ng/ul#	83
28) Dibenzo(a,h)anthracene	25.128	278	3008m	0.108	ng/ul	
29) Benzo(g,h,i)perylene	25.728	276	11508	0.410	ng/ul#	94

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

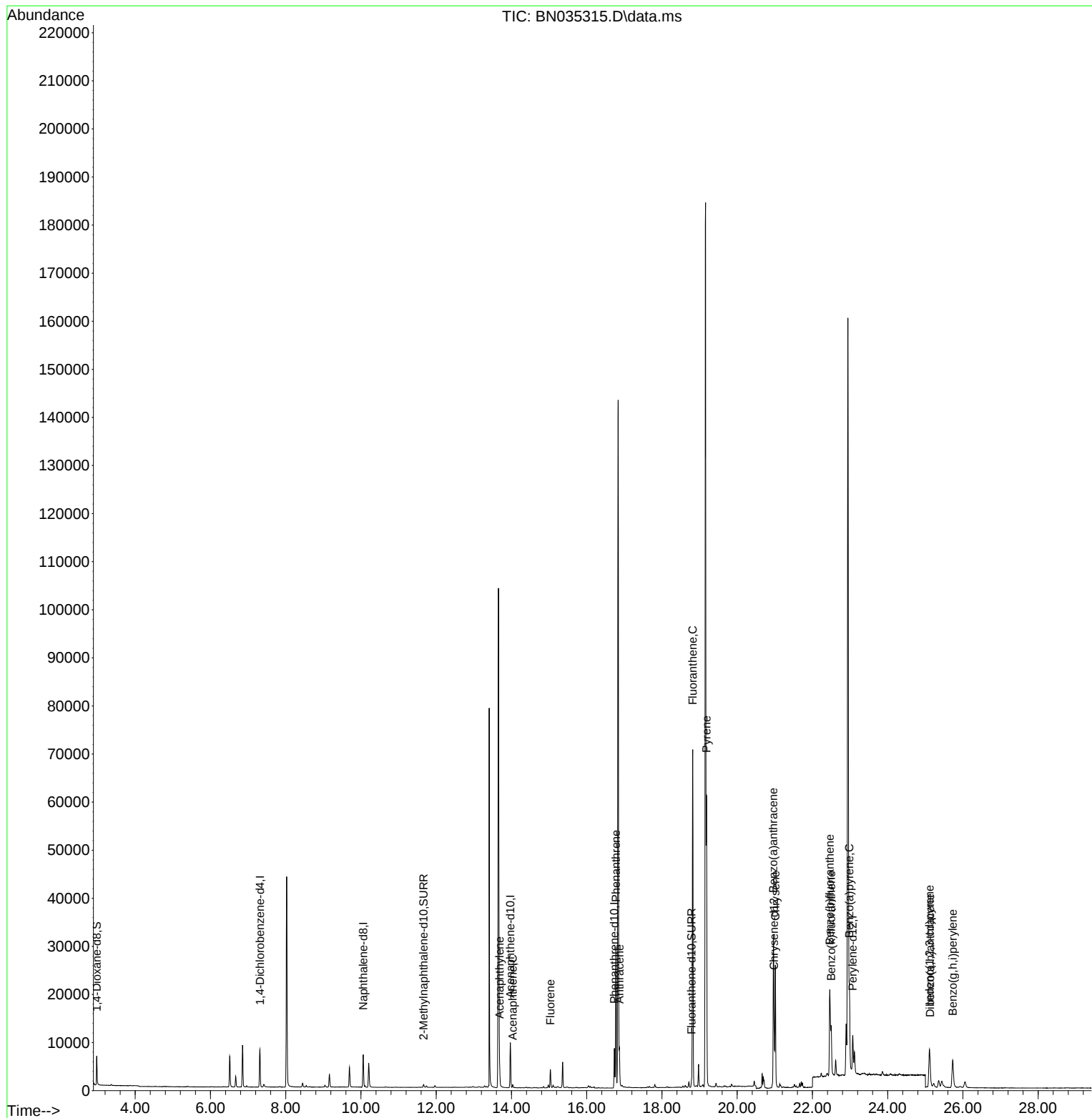
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Data File : BN035315.D
Acq On : 26 Nov 2024 14:27
Operator : RC/JU
Sample : P4872-19DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

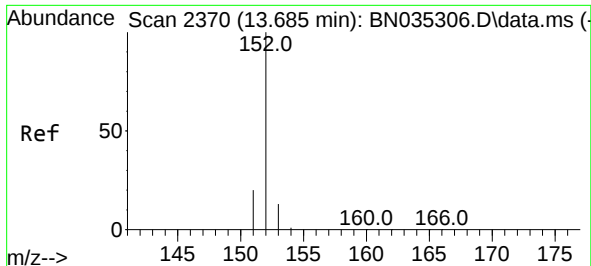
Instrument :
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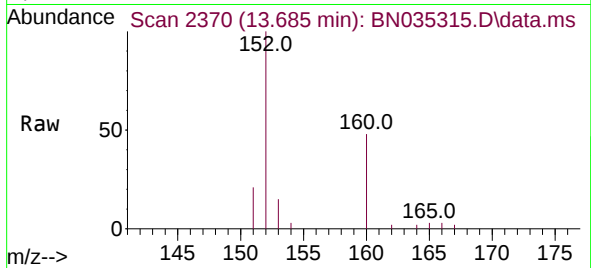
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.233 ng/u1
RT: 13.685 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

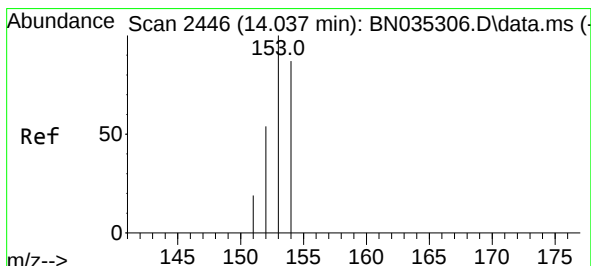
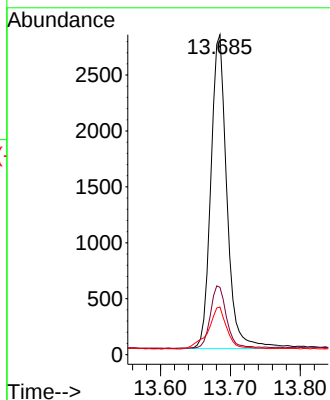
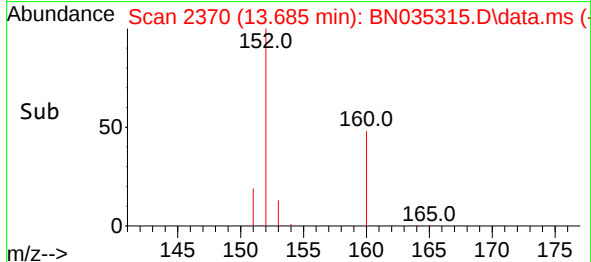
Instrument :
BNA_N
ClientSampleId :
E29Y6DL



Tgt Ion:152 Resp: 447
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 14.9 11.1 16.7

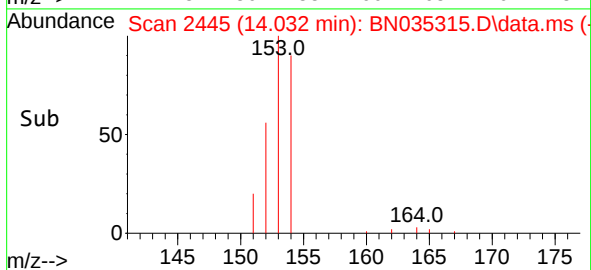
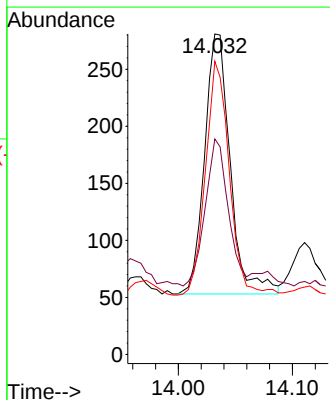
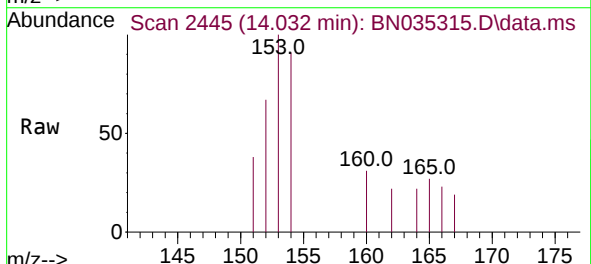
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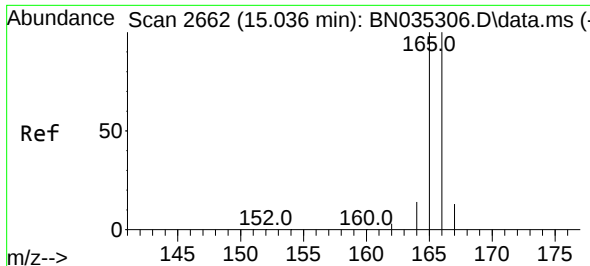
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#11
Acenaphthene
Concen: 0.024 ng/u1
RT: 14.032 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

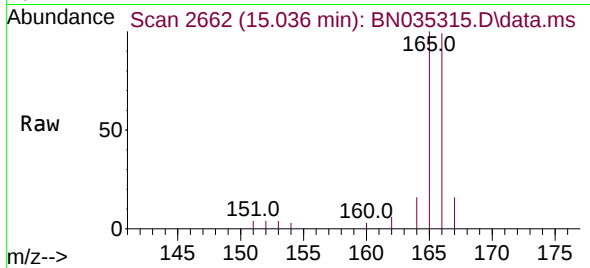
Tgt Ion:153 Resp: 357
Ion Ratio Lower Upper
153 100
152 67.3 41.4 62.0#
154 91.5 71.2 106.8





#12
Fluorene
Concen: 0.136 ng/ul
RT: 15.036 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

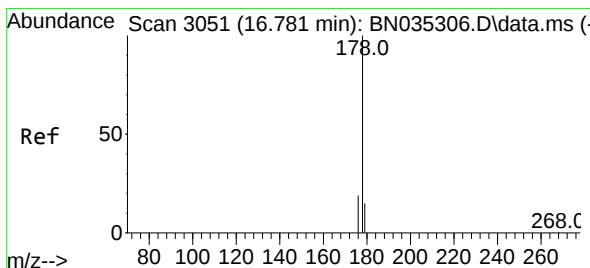
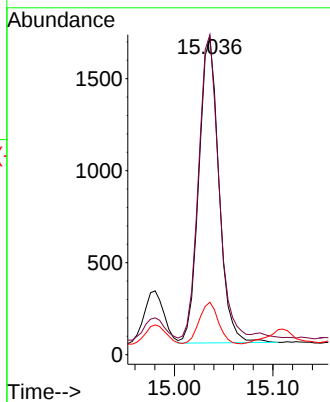
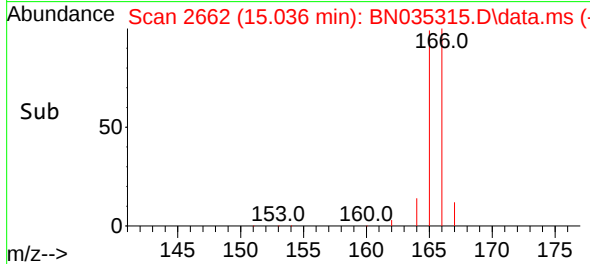
Instrument :
BNA_N
ClientSampleId :
E29Y6DL



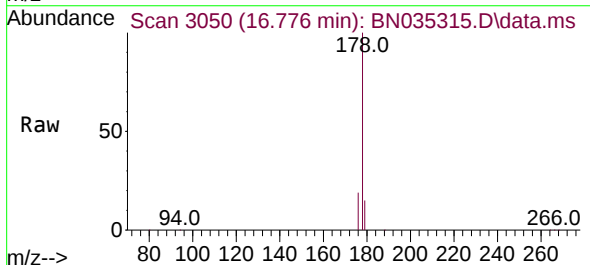
Tgt Ion:166 Resp: 234
Ion Ratio Lower Upper
166 100
165 101.0 78.6 118.0
167 16.6 11.8 17.6

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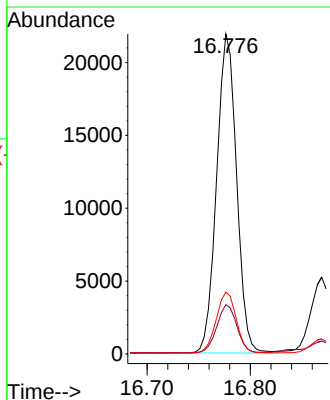
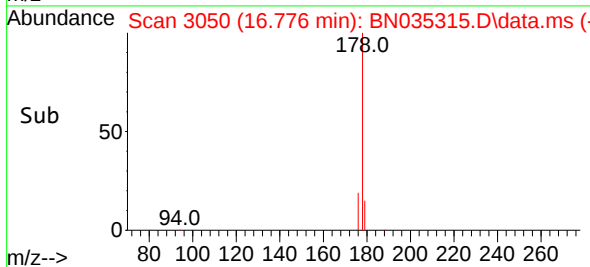
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Supervised By :mohammad ahmed 11/28/2024

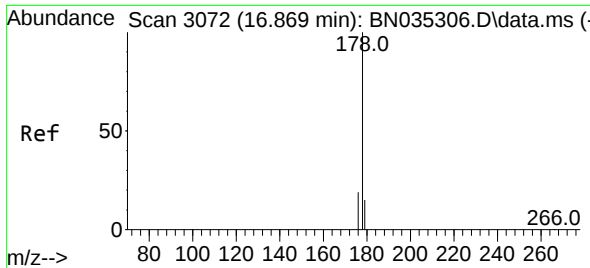


#15
Phenanthrene
Concen: 1.175 ng/ul
RT: 16.776 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27



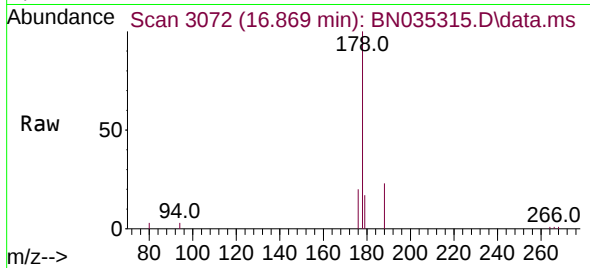
Tgt Ion:178 Resp: 29390
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.3 15.6 23.4





#16
Anthracene
Concen: 0.302 ng/u1
RT: 16.869 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

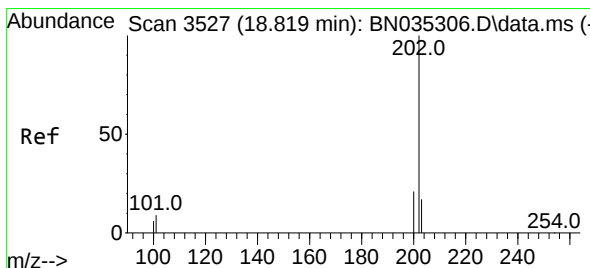
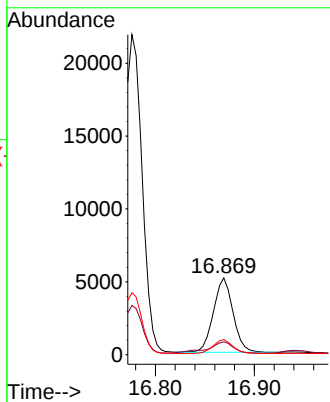
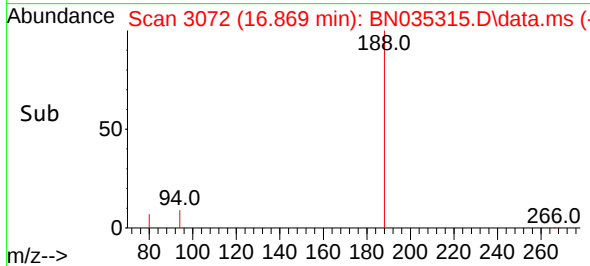
Instrument :
BNA_N
ClientSampleId :
E29Y6DL



Tgt Ion:178 Resp: 7010
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 19.5 15.4 23.2

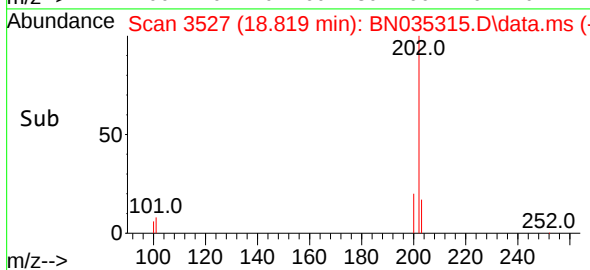
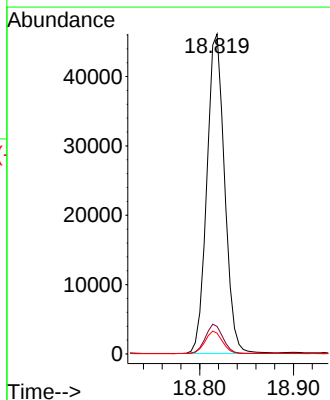
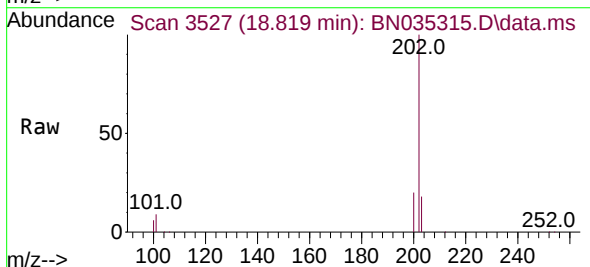
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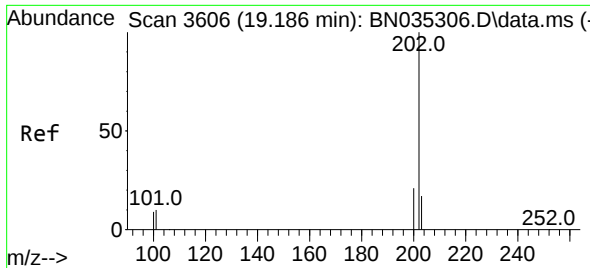
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#19
Fluoranthene
Concen: 2.067 ng/u1
RT: 18.819 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

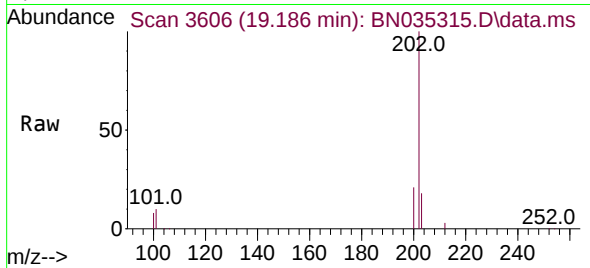
Tgt Ion:202 Resp: 60616
Ion Ratio Lower Upper
202 100
101 8.6 5.8 8.6
100 6.5 4.5 6.7





#20
Pyrene
Concen: 1.639 ng/ul
RT: 19.186 min Scan# 3606
Delta R.T. -0.000 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

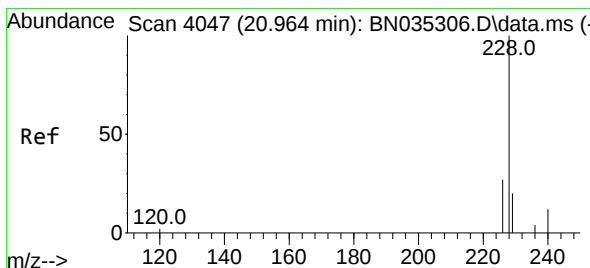
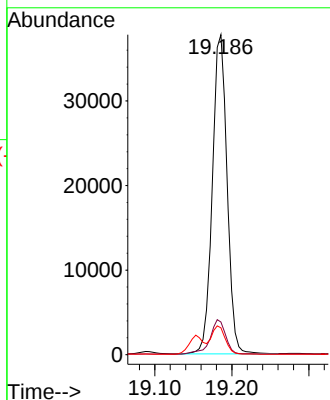
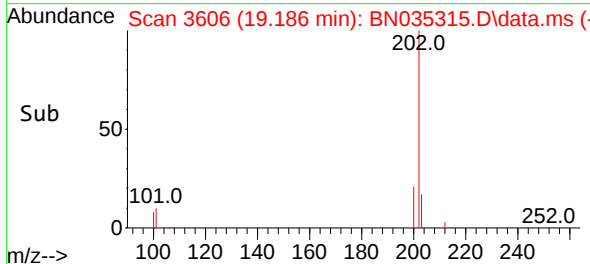
Instrument :
BNA_N
ClientSampleId :
E29Y6DL



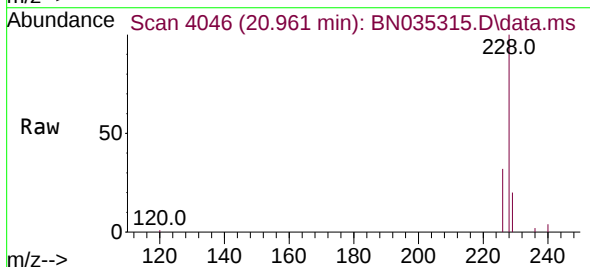
Tgt Ion:202 Resp: 5003
Ion Ratio Lower Upper
202 100
101 10.2 6.2 9.4
100 8.4 5.1 7.7

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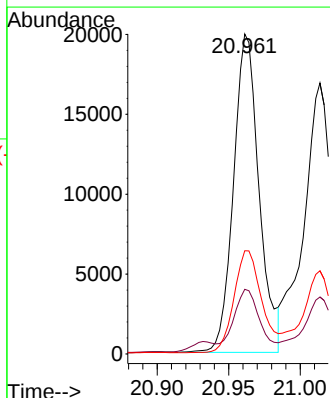
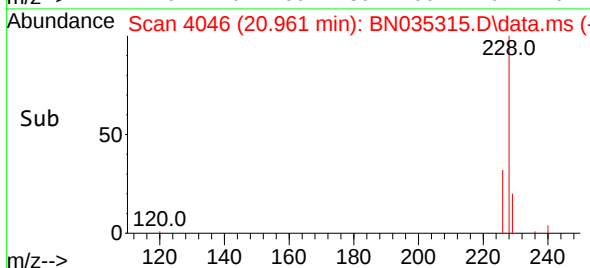
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Supervised By :mohammad ahmed 11/28/2024

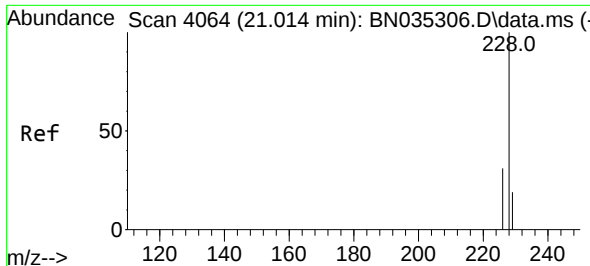


#21
Benzo(a)anthracene
Concen: 0.849 ng/ul
RT: 20.961 min Scan# 4046
Delta R.T. -0.003 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27



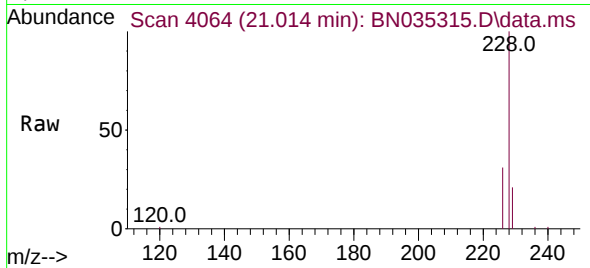
Tgt Ion:228 Resp: 24814
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 32.3 21.8 32.8





#22
Chrysene
Concen: 0.803 ng/ul
RT: 21.014 min Scan# 4064
Delta R.T. -0.003 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

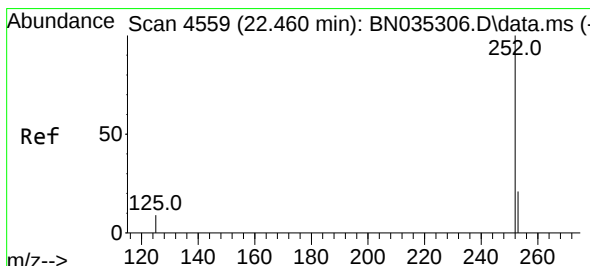
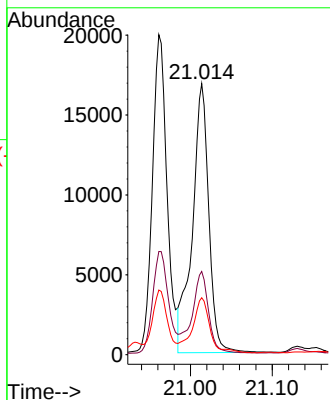
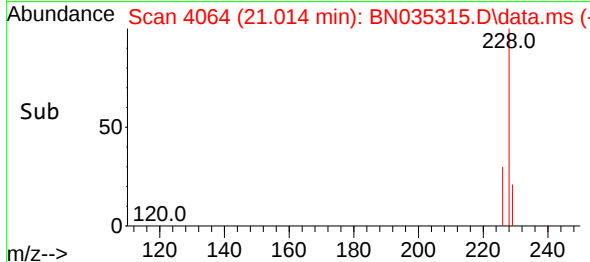
Instrument :
BNA_N
ClientSampleId :
E29Y6DL



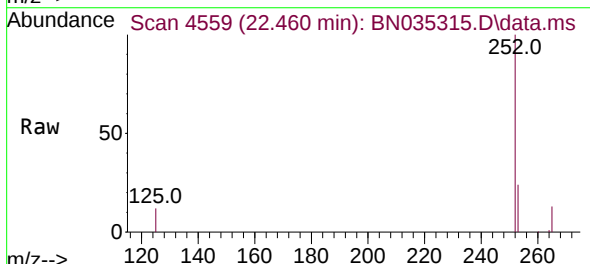
Tgt Ion:228 Resp: 2361
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 21.0 16.0 24.0

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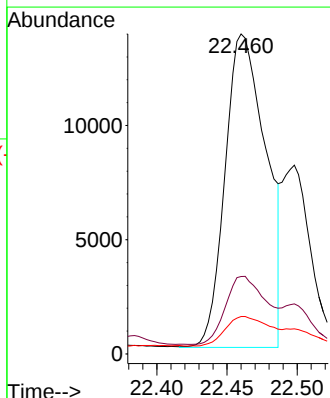
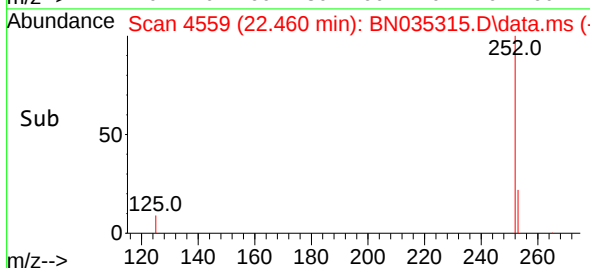
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

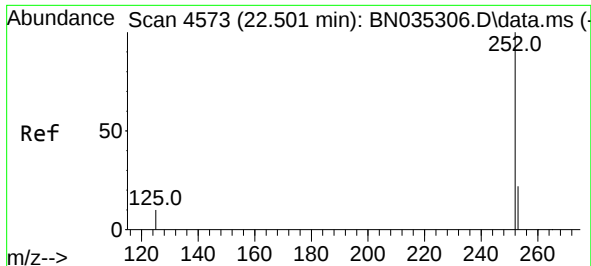


#24
Benzo(b)fluoranthene
Concen: 0.964 ng/ul m
RT: 22.460 min Scan# 4559
Delta R.T. -0.003 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27



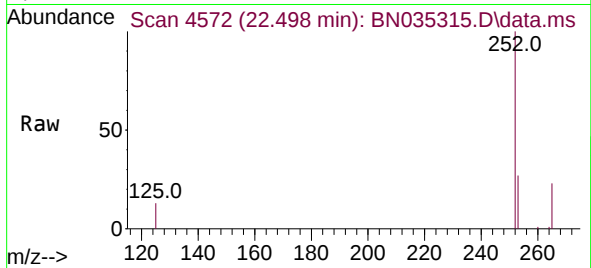
Tgt Ion:252 Resp: 27795
Ion Ratio Lower Upper
252 100
253 24.2 0.0 54.0
125 11.7 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul m
RT: 22.498 min Scan# 4573
Delta R.T. -0.006 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

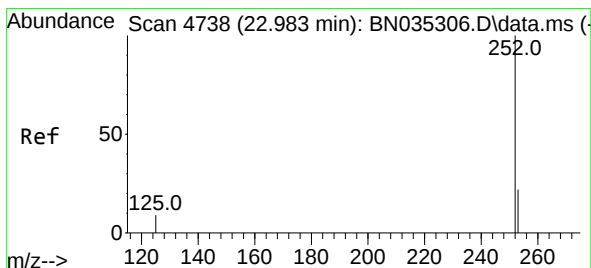
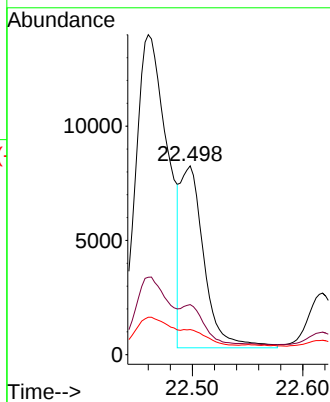
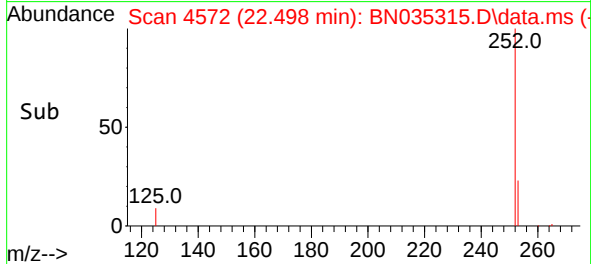
Instrument :
BNA_N
ClientSampleId :
E29Y6DL



Tgt Ion:252 Resp: 1191
Ion Ratio Lower Upper
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253 26.5 21.8 32.6
125 13.3 8.6 12.8

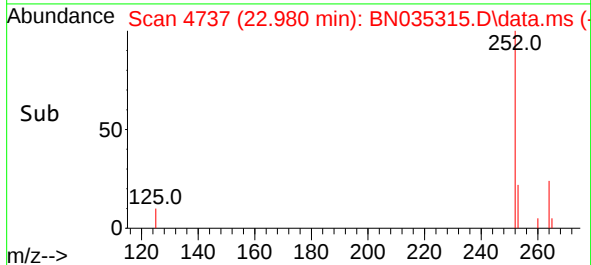
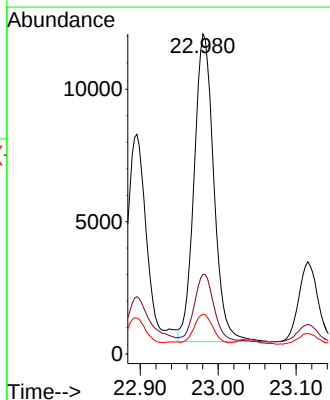
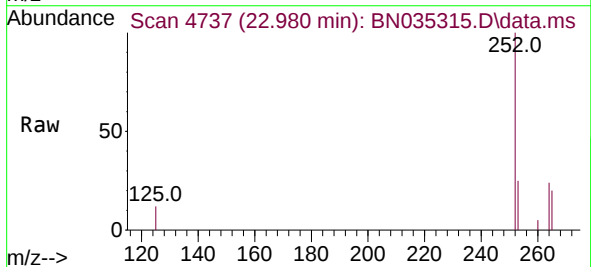
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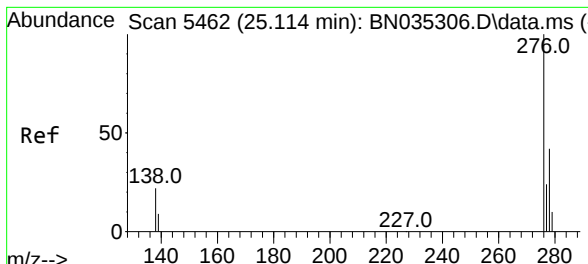
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#26
Benzo(a)pyrene
Concen: 0.774 ng/ul
RT: 22.980 min Scan# 4737
Delta R.T. -0.006 min
Lab File: BN035315.D
Acq: 26 Nov 2024 14:27

Tgt Ion:252 Resp: 20384
Ion Ratio Lower Upper
252 100
253 24.9 22.9 34.3
125 12.5 9.4 14.2





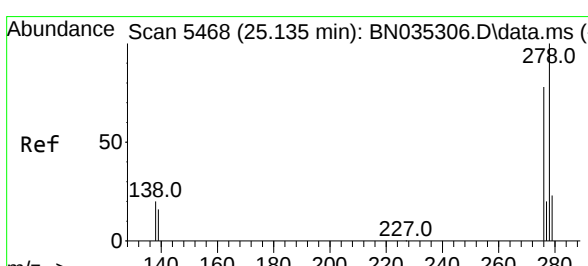
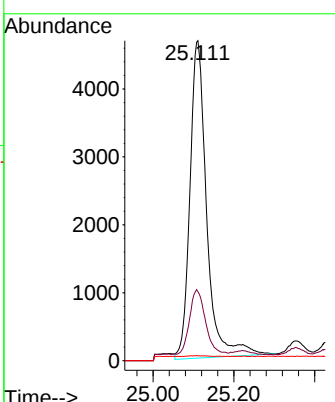
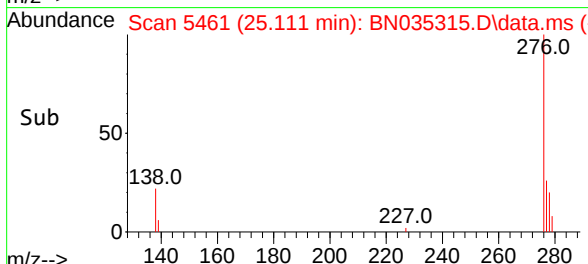
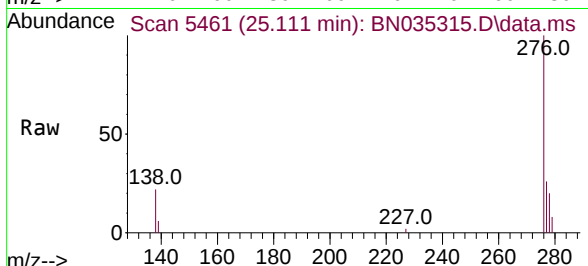
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.377 ng/ul
 RT: 25.111 min Scan# 5462
 Delta R.T. -0.010 min
 Lab File: BN035315.D
 Acq: 26 Nov 2024 14:27

Instrument : BNA_N
 ClientSampleId : E29Y6DL

Tgt Ion: 276 Resp: 1342

Ion	Ratio	Lower	Upper
276	100		
138	24.7	13.8	20.8
227	8.8	0.2	0.4

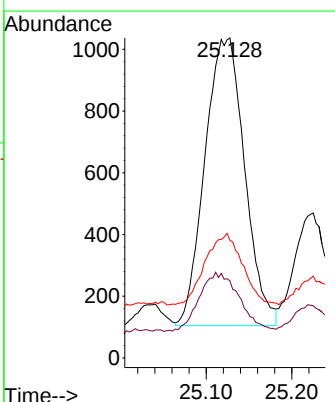
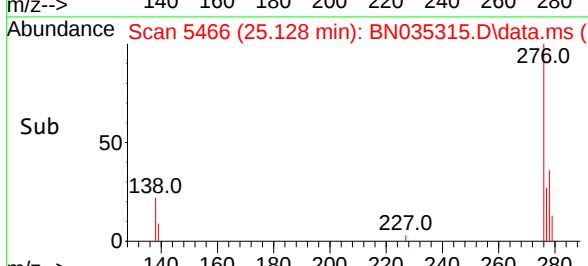
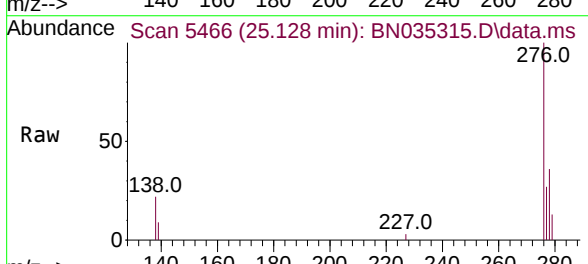
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 Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024

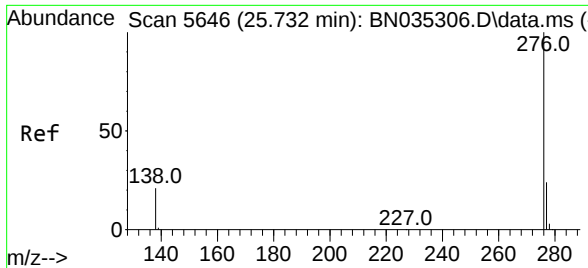


#28
 Dibenzo(a,h)anthracene
 Concen: 0.108 ng/ul m
 RT: 25.128 min Scan# 5466
 Delta R.T. -0.010 min
 Lab File: BN035315.D
 Acq: 26 Nov 2024 14:27

Tgt Ion: 278 Resp: 3008

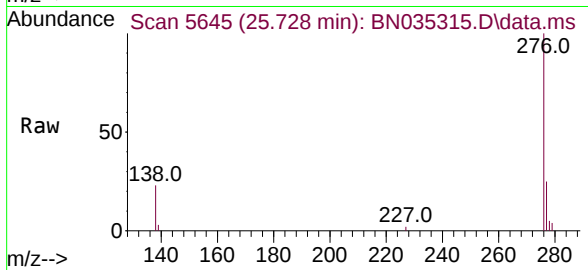
Ion	Ratio	Lower	Upper
278	100		
139	24.1	10.7	16.1
279	36.7	22.8	34.2





#29
 Benzo(g,h,i)perylene
 Concen: 0.410 ng/ul
 RT: 25.728 min Scan# 50
 Delta R.T. -0.007 min
 Lab File: BN035315.D
 Acq: 26 Nov 2024 14:27

Instrument :
 BNA_N
 ClientSampleId :
 E29Y6DL



Tgt Ion:276 Resp: 11508
 Ion Ratio Lower Upper
 276 100
 138 22.9 13.0 19.6
 277 25.4 20.5 30.7

Manual Integrations
 APPROVED

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