

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035342.D
 Acq On : 27 Nov 2024 08:51
 Operator : RC/JU
 Sample : P4895-01DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2A11DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 27 23:48:29 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	7.305	152	3565	0.400	ng/ul	0.00
4) Naphthalene-d8	10.053	136	9427	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.967	164	5610	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	10496	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.976	240	6539	0.400	ng/ul	# 0.00
23) Perylene-d12	23.071	264	7173m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	1475	0.453	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.659	152	388	0.028	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	927	0.051	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.680	152	986	0.044	ng/ul#	84
15) Phenanthrene	16.776	178	5074	0.183	ng/ul	98
16) Anthracene	16.865	178	1398	0.054	ng/ul#	87
19) Fluoranthene	18.814	202	10781	0.474	ng/ul#	93
20) Pyrene	19.181	202	9087	0.384	ng/ul#	90
21) Benzo(a)anthracene	20.961	228	3846m	0.170	ng/ul	
22) Chrysene	21.014	228	4056	0.178	ng/ul	97
24) Benzo(b)fluoranthene	22.460	252	5249m	0.221	ng/ul	
25) Benzo(k)fluoranthene	22.498	252	2080m	0.085	ng/ul	
26) Benzo(a)pyrene	22.980	252	3792	0.175	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.111	276	3114	0.106	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.118	278	649m	0.028	ng/ul	
29) Benzo(g,h,i)perylene	25.725	276	2708	0.117	ng/ul#	85

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

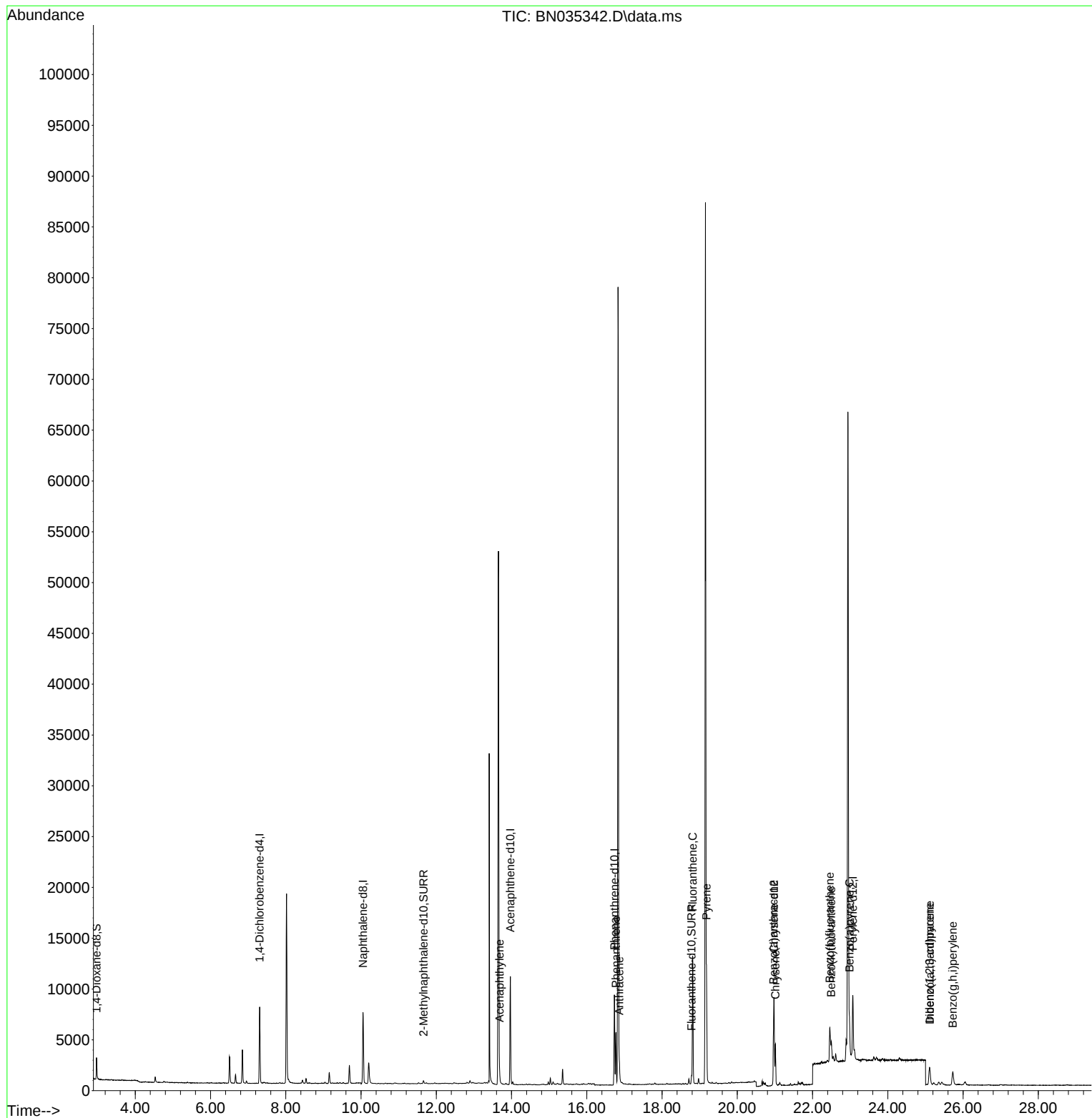
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Data File : BN035342.D
Acq On : 27 Nov 2024 08:51
Operator : RC/JU
Sample : P4895-01DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

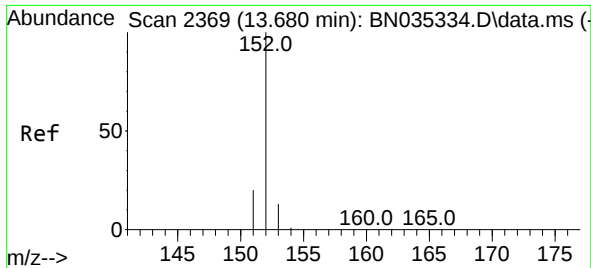
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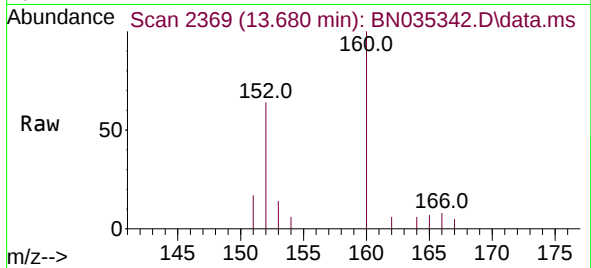
Quant Time: Nov 27 23:48:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 13.680 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN035342.D
Acq: 27 Nov 2024 08:51

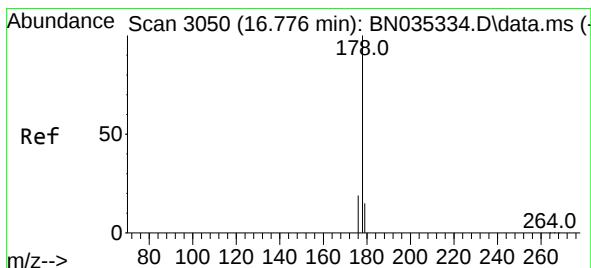
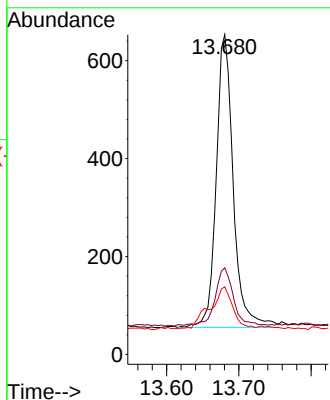
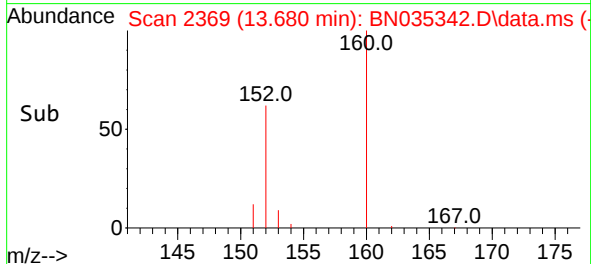
Instrument :
BNA_N
ClientSampleId :
E2A11DL



Tgt Ion:152 Resp: 980
Ion Ratio Lower Upper
152 100
151 27.1 16.4 24.6
153 21.1 11.1 16.7

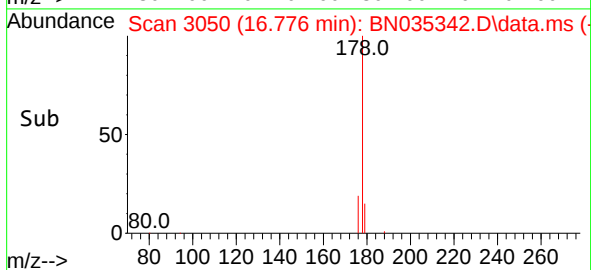
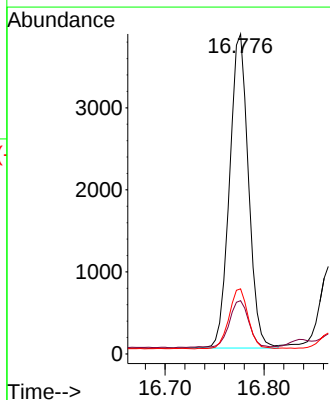
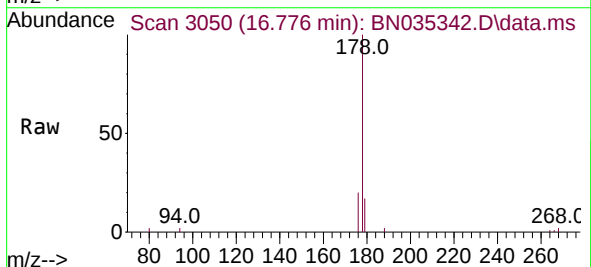
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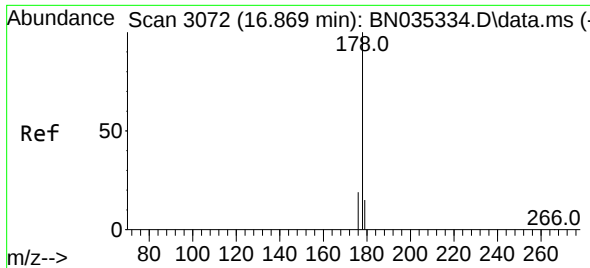
Reviewed By :Yogesh Patel 11/28/2024
Supervised By :mohammad ahmed 11/28/2024



#15
Phenanthrene
Concen: 0.183 ng/ul
RT: 16.776 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN035342.D
Acq: 27 Nov 2024 08:51

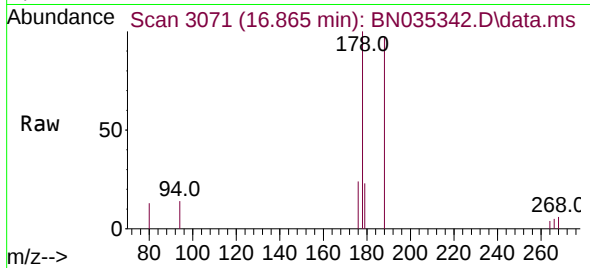
Tgt Ion:178 Resp: 5074
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 20.3 15.6 23.4





#16
Anthracene
Concen: 0.054 ng/ul
RT: 16.865 min Scan# 3072
Delta R.T. -0.009 min
Lab File: BN035342.D
Acq: 27 Nov 2024 08:51

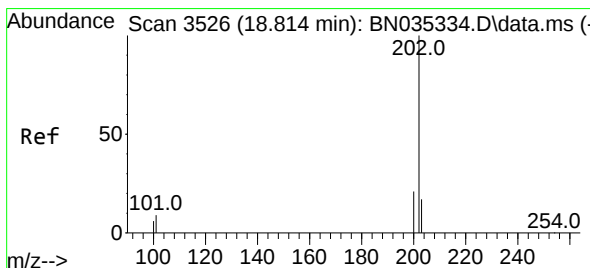
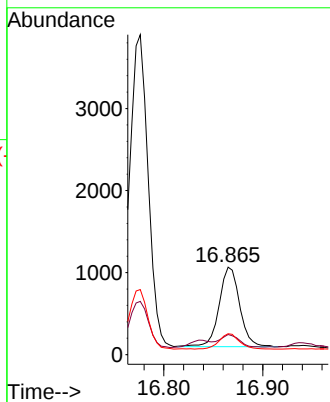
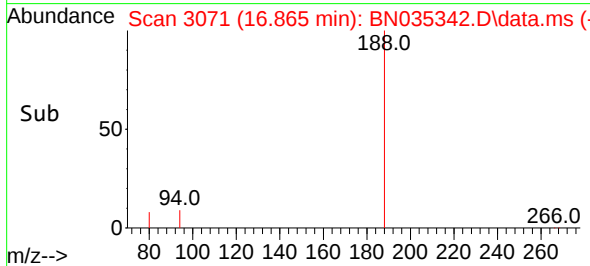
Instrument :
BNA_N
ClientSampleId :
E2A11DL



Tgt Ion:178 Resp: 1398
Ion Ratio Lower Upper
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179 23.1 12.9 19.3#
176 23.9 15.4 23.2#

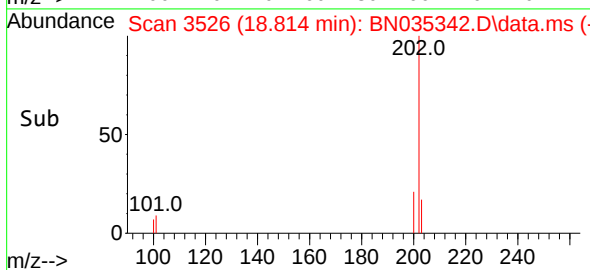
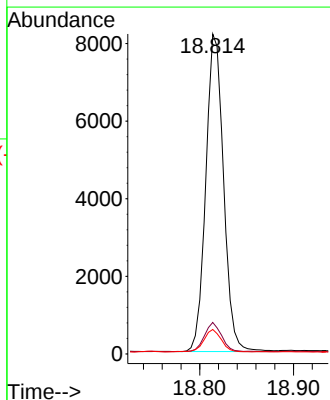
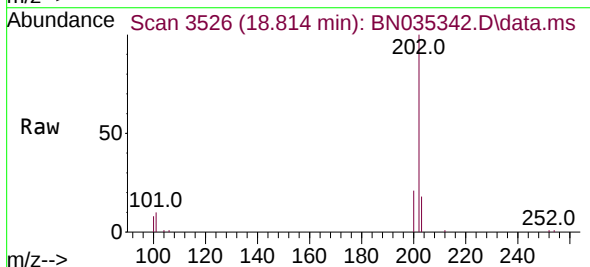
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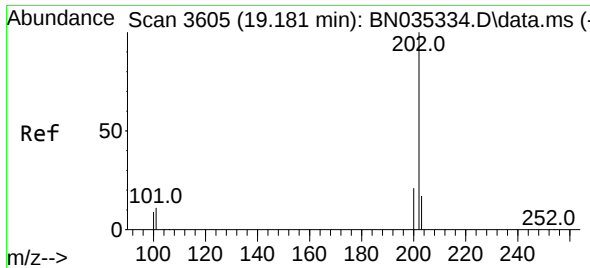
Reviewed By :Yogesh Patel 11/28/2024
Supervised By :mohammad ahmed 11/28/2024



#19
Fluoranthene
Concen: 0.474 ng/ul
RT: 18.814 min Scan# 3526
Delta R.T. -0.005 min
Lab File: BN035342.D
Acq: 27 Nov 2024 08:51

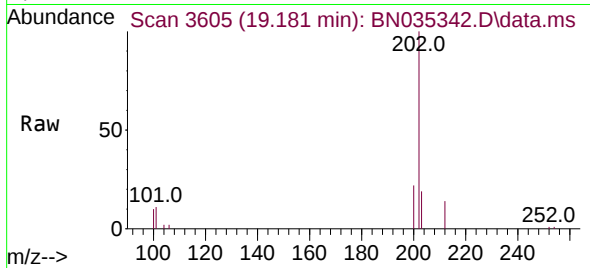
Tgt Ion:202 Resp: 10781
Ion Ratio Lower Upper
202 100
101 9.9 5.8 8.6#
100 7.6 4.5 6.7#





#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.181 min Scan# 3605
Delta R.T. -0.005 min
Lab File: BN035342.D
Acq: 27 Nov 2024 08:51

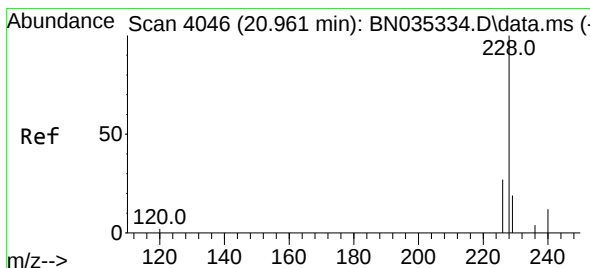
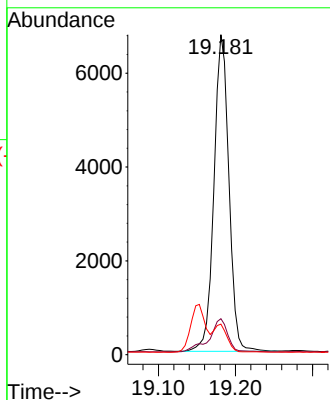
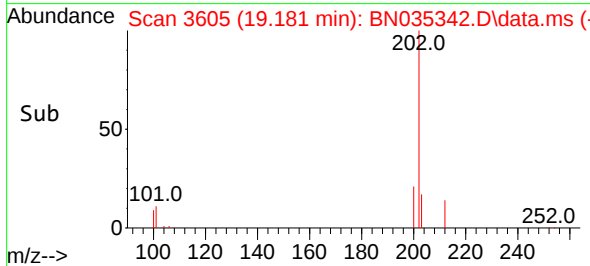
Instrument :
BNA_N
ClientSampleId :
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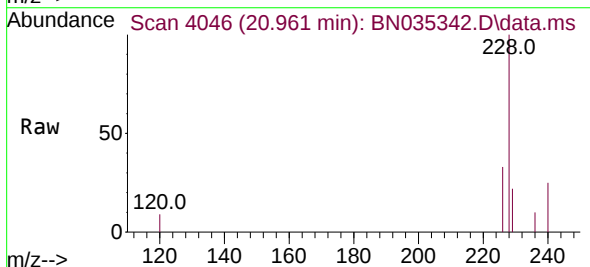
Tgt Ion:202 Resp: 908
Ion Ratio Lower Upper
202 100
101 11.3 6.2 9.4
100 9.6 5.1 7.7

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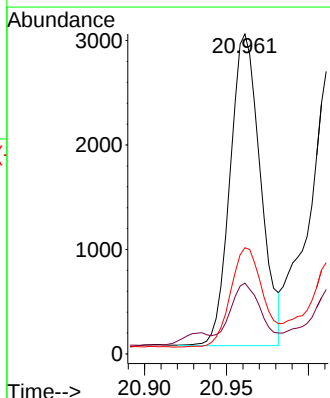
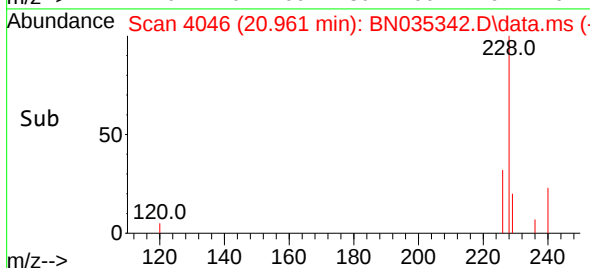
Reviewed By :Yogesh Patel 11/28/2024
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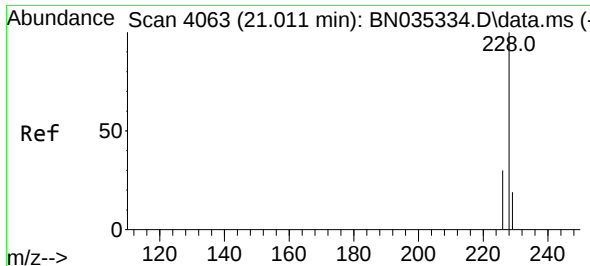


#21
Benzo(a)anthracene
Concen: 0.170 ng/ul m
RT: 20.961 min Scan# 4046
Delta R.T. -0.003 min
Lab File: BN035342.D
Acq: 27 Nov 2024 08:51



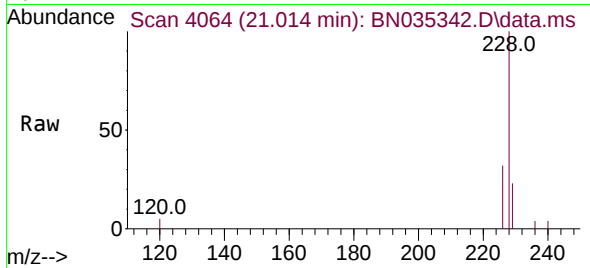
Tgt Ion:228 Resp: 3846
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.8
226 33.2 21.8 32.8





#22
Chrysene
Concen: 0.178 ng/ul
RT: 21.014 min Scan# 4063
Delta R.T. -0.003 min
Lab File: BN035342.D
Acq: 27 Nov 2024 08:51

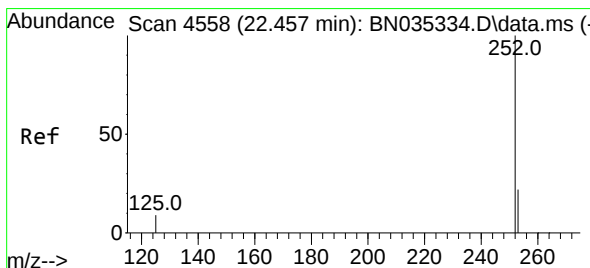
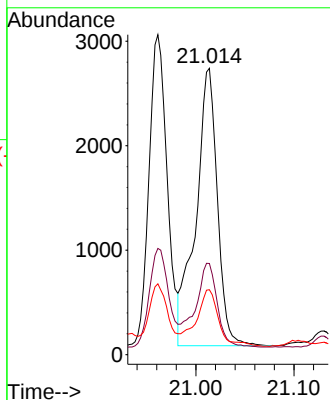
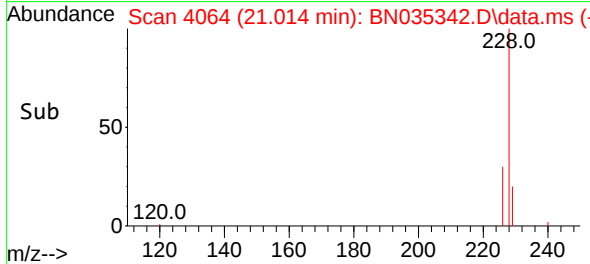
Instrument :
BNA_N
ClientSampleId :
E2A11DL



Tgt Ion:228 Resp: 4050
Ion Ratio Lower Upper
228 100
226 31.8 24.7 37.1
229 22.7 16.0 24.0

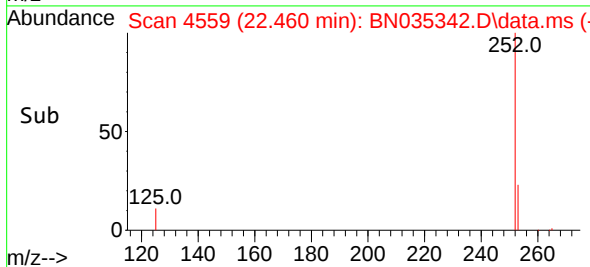
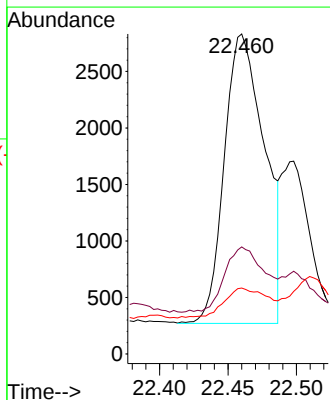
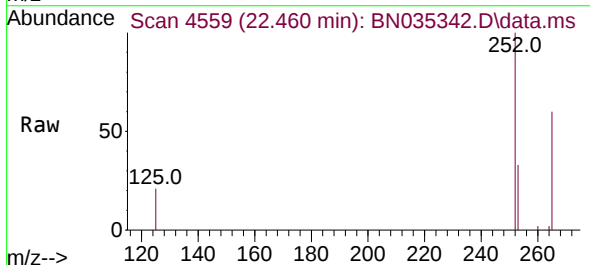
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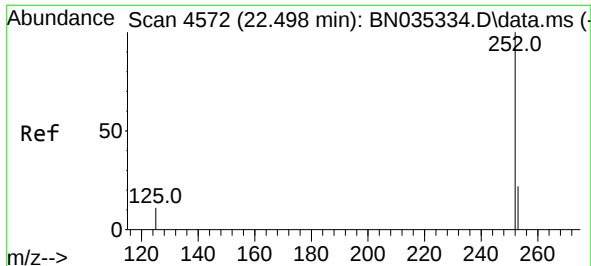
Reviewed By :Yogesh Patel 11/28/2024
Supervised By :mohammad ahmed 11/28/2024



#24
Benzo(b)fluoranthene
Concen: 0.221 ng/ul m
RT: 22.460 min Scan# 4559
Delta R.T. -0.003 min
Lab File: BN035342.D
Acq: 27 Nov 2024 08:51

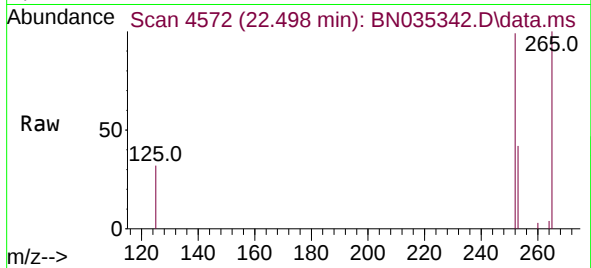
Tgt Ion:252 Resp: 5249
Ion Ratio Lower Upper
252 100
253 33.4 0.0 54.0
125 20.6 0.0 19.4#





#25
Benzo(k)fluoranthene
Concen: 0.085 ng/ul m
RT: 22.498 min Scan# 4572
Delta R.T. -0.006 min
Lab File: BN035342.D
Acq: 27 Nov 2024 08:51

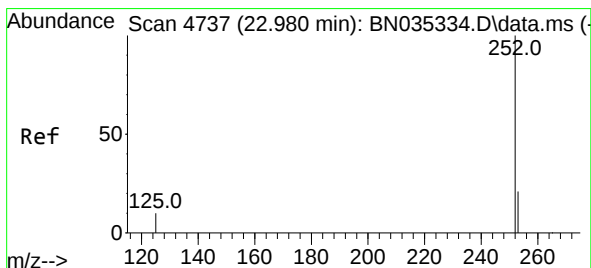
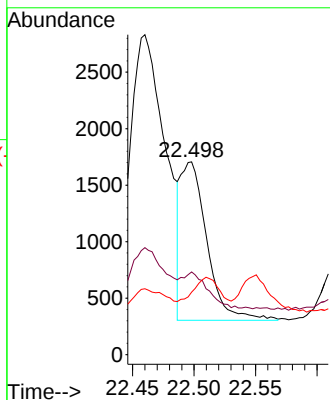
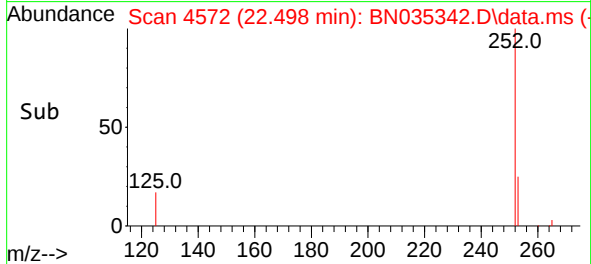
Instrument :
BNA_N
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E2A11DL



Tgt Ion:252 Resp: 2080
Ion Ratio Lower Upper
252 100
253 42.9 21.8 32.6
125 32.4 8.6 12.8

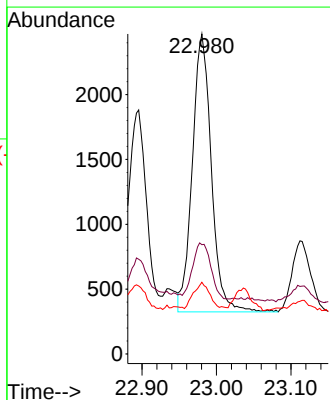
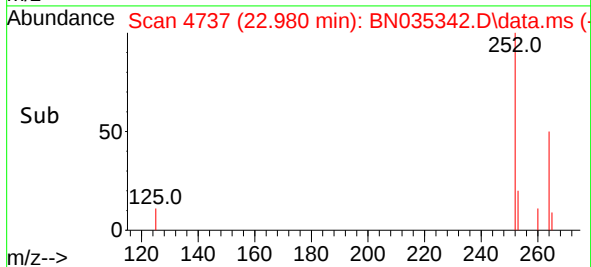
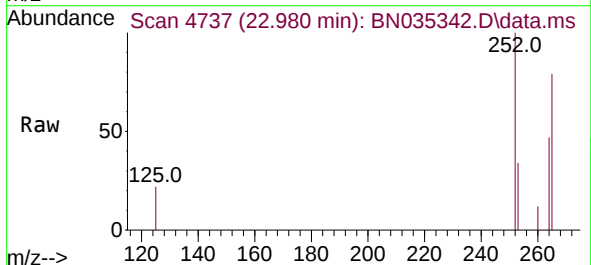
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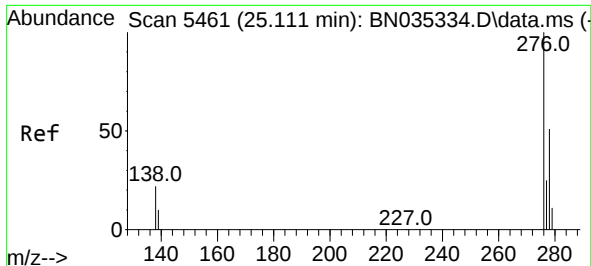
Reviewed By :Yogesh Patel 11/28/2024
Supervised By :mohammad ahmed 11/28/2024



#26
Benzo(a)pyrene
Concen: 0.175 ng/ul
RT: 22.980 min Scan# 4737
Delta R.T. -0.006 min
Lab File: BN035342.D
Acq: 27 Nov 2024 08:51

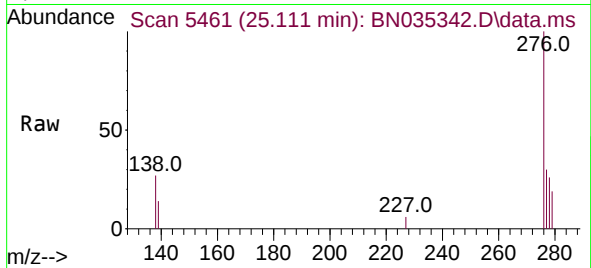
Tgt Ion:252 Resp: 3792
Ion Ratio Lower Upper
252 100
253 34.2 22.9 34.3
125 22.4 9.4 14.2





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.106 ng/ul
 RT: 25.111 min Scan# 5461
 Delta R.T. -0.010 min
 Lab File: BN035342.D
 Acq: 27 Nov 2024 08:51

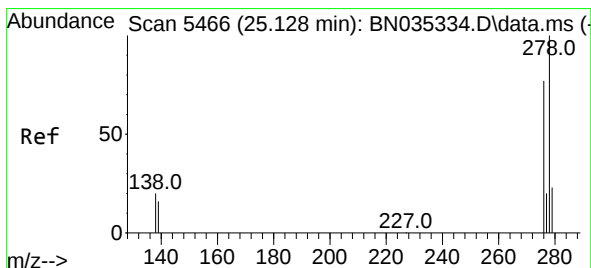
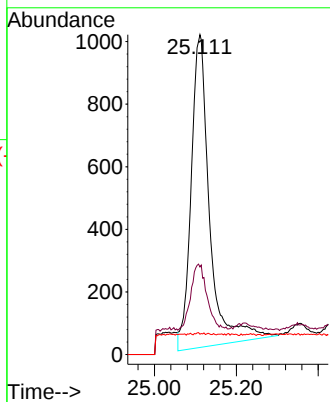
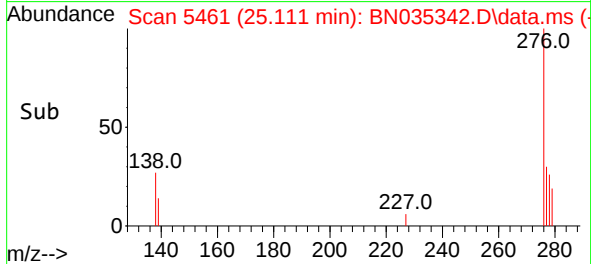
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 ClientSampleId :
 E2A11DL



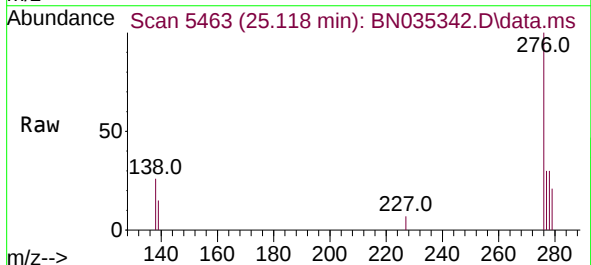
Tgt Ion:276 Resp: 3114
 Ion Ratio Lower Upper
 276 100
 138 19.6 13.8 20.8
 227 37.4 0.2 0.4

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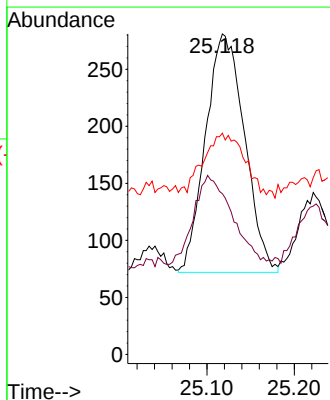
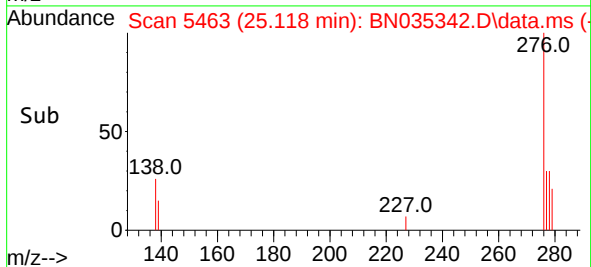
Reviewed By :Yogesh Patel 11/28/2024
 Supervised By :mohammad ahmed 11/28/2024

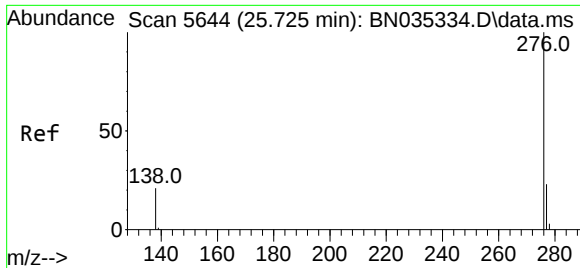


#28
 Dibenzo(a,h)anthracene
 Concen: 0.028 ng/ul m
 RT: 25.118 min Scan# 5463
 Delta R.T. -0.020 min
 Lab File: BN035342.D
 Acq: 27 Nov 2024 08:51



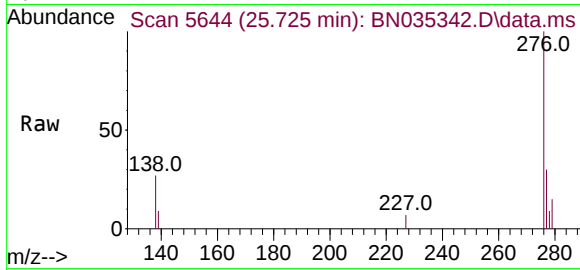
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 Ion Ratio Lower Upper
 278 100
 139 50.2 10.7 16.1#
 279 69.0 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.117 ng/ul
 RT: 25.725 min Scan# 50
 Delta R.T. -0.010 min
 Lab File: BN035342.D
 Acq: 27 Nov 2024 08:51

Instrument :
 BNA_N
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Tgt Ion: 276 Resp: 2708

Ion	Ratio	Lower	Upper
276	100		
138	27.3	13.0	19.6
277	29.8	20.5	30.7

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