

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035263.D
 Acq On : 23 Nov 2024 04:35
 Operator : RC/JU
 Sample : P4872-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29X3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 23 04:58:21 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 : Fri Nov 22 12:45:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.318	152	4121	0.400	ng/ul	0.00
4) Naphthalene-d8	10.069	136	10472	0.400	ng/ul #	0.00
9) Acenaphthene-d10	13.976	164	6107	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	11810	0.400	ng/ul #	0.00
17) Chrysene-d12	20.987	240	8459	0.400	ng/ul #	0.00
23) Perylene-d12	23.088	264	8596m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	8338	2.214	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.669	152	2483	0.162	ng/ul	0.00
18) Fluoranthene-d10	18.795	212	4925	0.211	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.113	128	658	0.025	ng/ul#	70
7) 2-Methylnaphthalene	11.746	142	504	0.028	ng/ul	93
8) 1-Methylnaphthalene	11.972	142	459	0.025	ng/ul	97
10) Acenaphthylene	13.689	152	9738	0.402	ng/ul	99
11) Acenaphthene	14.041	153	658	0.035	ng/ul#	92
12) Fluorene	15.045	166	3902	0.179	ng/ul	99
15) Phenanthrene	16.785	178	91588	2.933	ng/ul	99
16) Anthracene	16.877	178	13304	0.459	ng/ul	100
19) Fluoranthene	18.828	202	129197	4.387	ng/ul#	95
20) Pyrene	19.195	202	97539	3.182	ng/ul#	92
21) Benzo(a)anthracene	20.973	228	41414	1.411	ng/ul	94
22) Chrysene	21.025	228	42199	1.429	ng/ul	99
24) Benzo(b)fluoranthene	22.474	252	52003m	1.830	ng/ul	
25) Benzo(k)fluoranthene	22.512	252	19894m	0.679	ng/ul	
26) Benzo(a)pyrene	22.998	252	35700	1.375	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.134	276	27201	0.776	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.144	278	5561	0.202	ng/ul#	85
29) Benzo(g,h,i)perylene	25.751	276	25564	0.925	ng/ul#	93

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

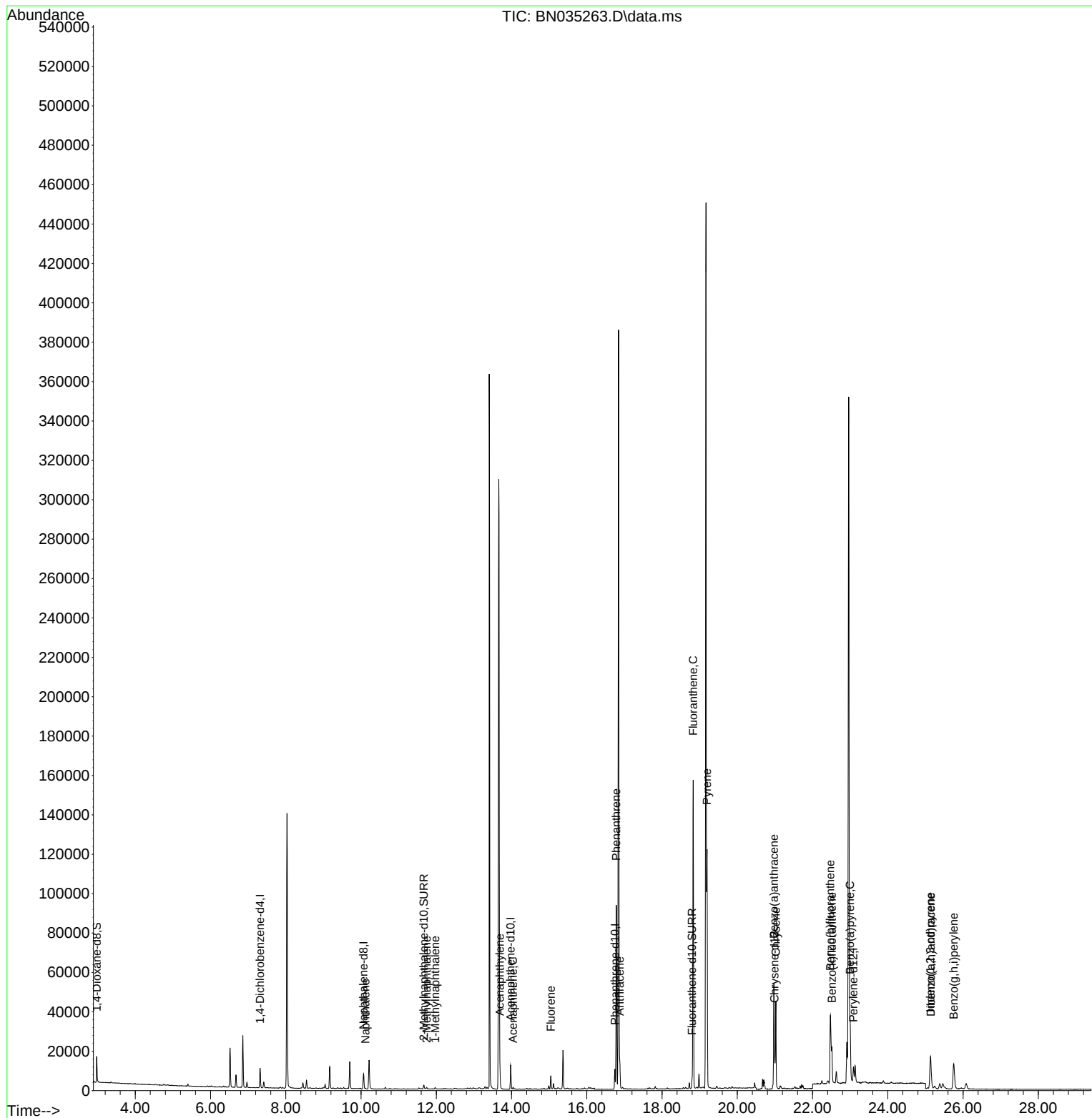
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035263.D
Acq On : 23 Nov 2024 04:35
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ALS Vial : 29 Sample Multiplier: 1

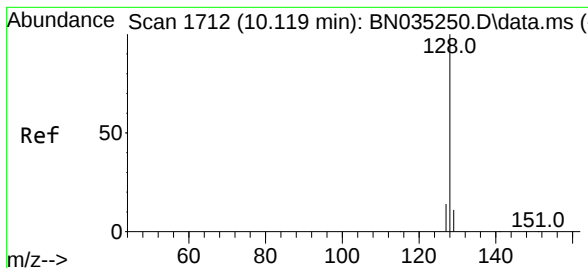
Instrument :
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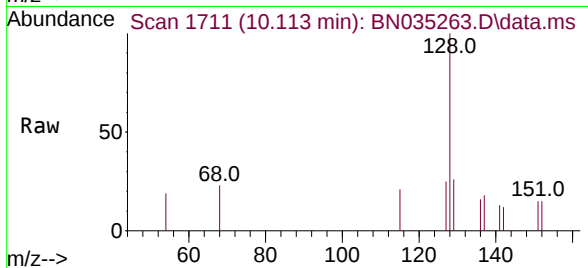
Quant Time: Nov 23 04:58:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.113 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

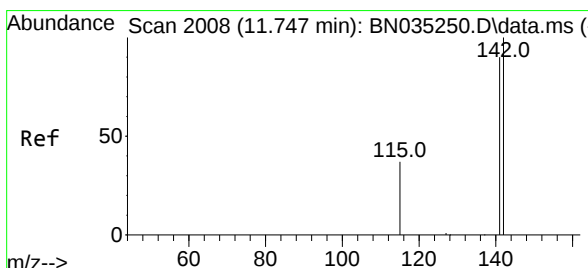
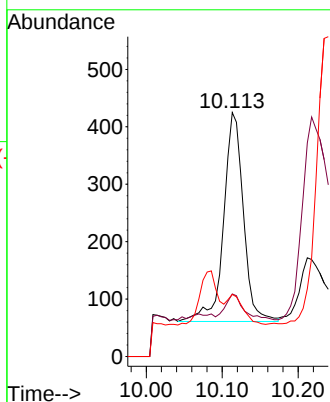
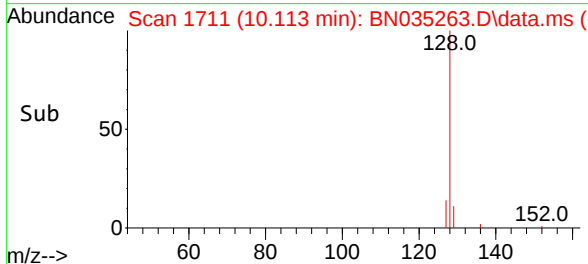
Instrument :
BNA_N
ClientSampleId :
E29X3



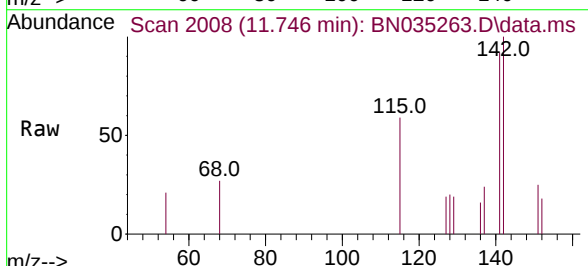
Tgt Ion:128 Resp: 658
Ion Ratio Lower Upper
128 100
129 25.6 9.9 14.9
127 25.4 11.4 17.2

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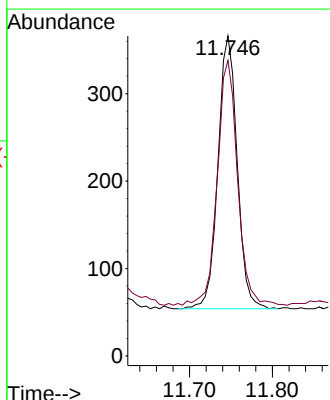
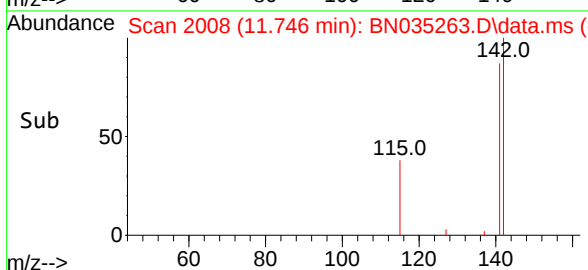
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

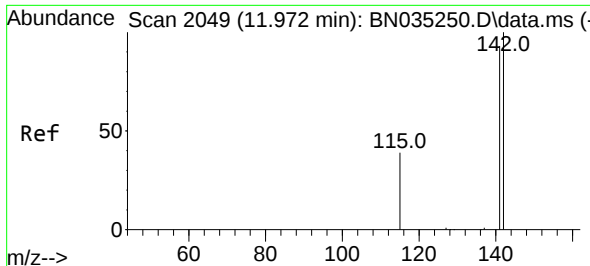


#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.746 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35



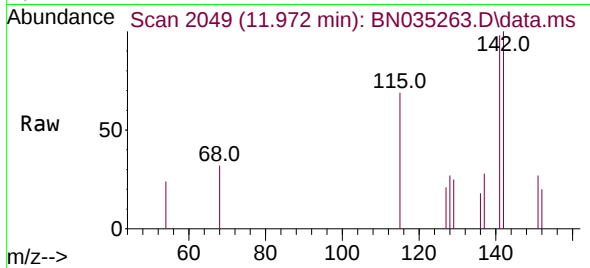
Tgt Ion:142 Resp: 504
Ion Ratio Lower Upper
142 100
141 94.6 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 11.972 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

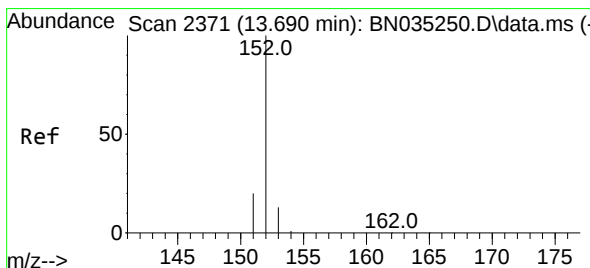
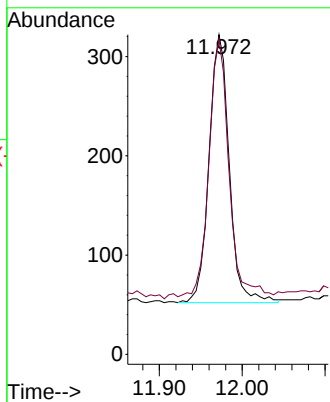
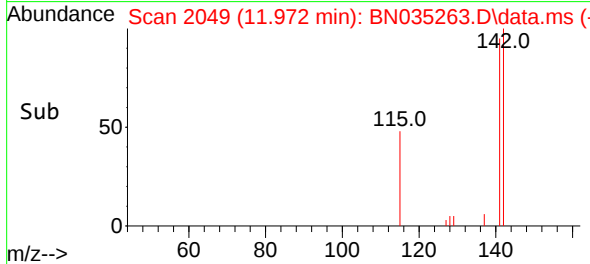
Instrument :
BNA_N
ClientSampleId :
E29X3



Tgt Ion:142 Resp: 459
Ion Ratio Lower Upper
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141 94.3 73.1 109.7

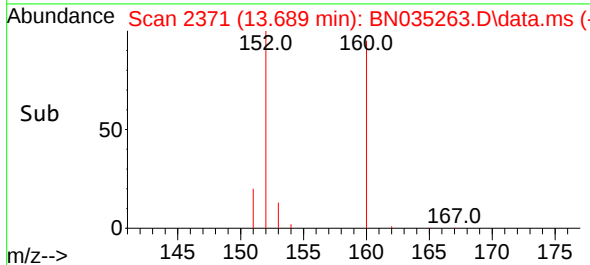
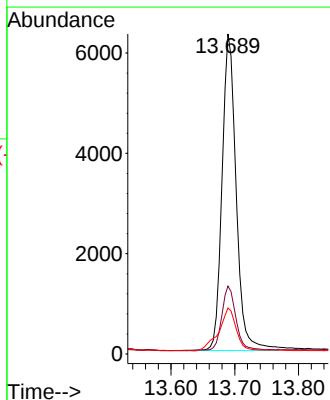
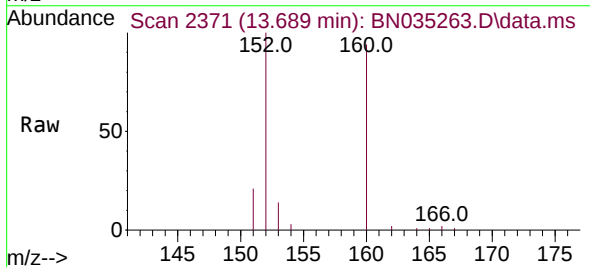
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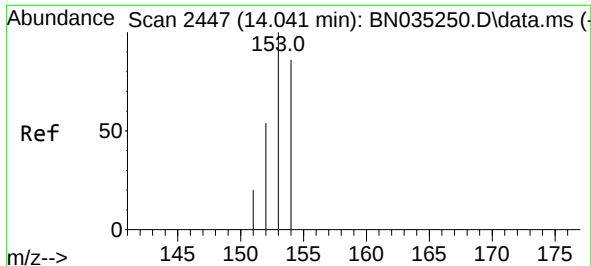
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 13.689 min Scan# 2371
Delta R.T. -0.000 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

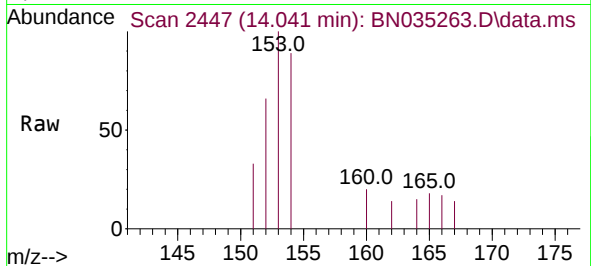
Tgt Ion:152 Resp: 9738
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 14.4 11.1 16.7





#11
Acenaphthene
Concen: 0.035 ng/u1
RT: 14.041 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

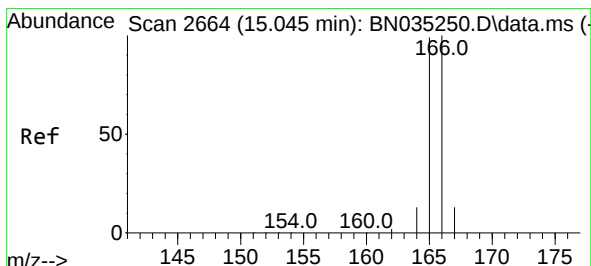
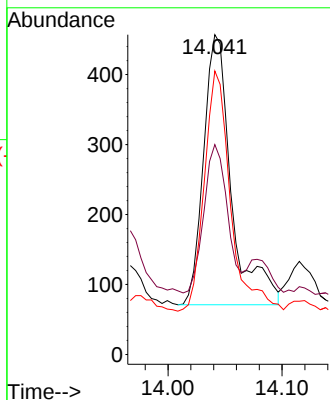
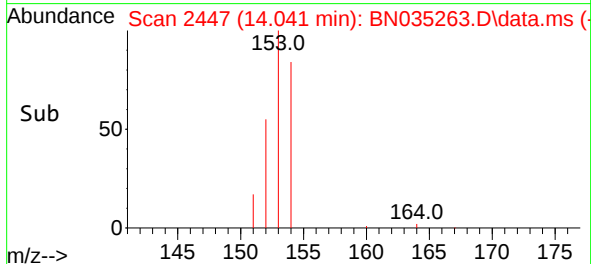
Instrument :
BNA_N
ClientSampleId :
E29X3



Tgt Ion:153 Resp: 658
Ion Ratio Lower Upper
153 100
152 65.6 41.4 62.0
154 88.6 71.2 106.8

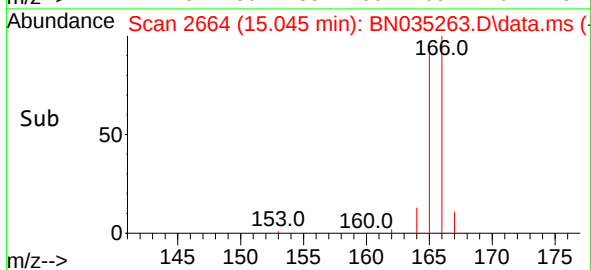
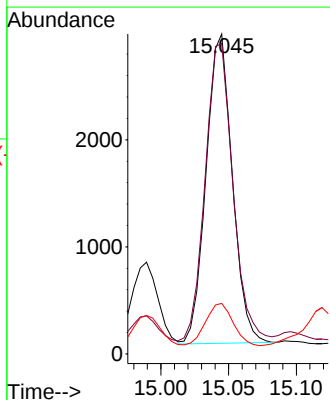
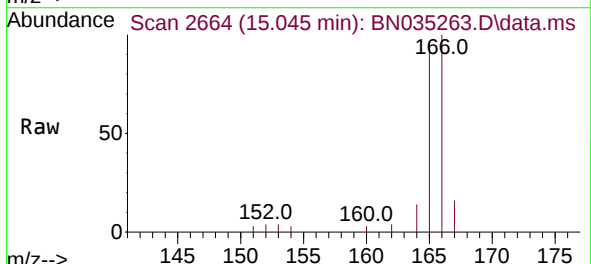
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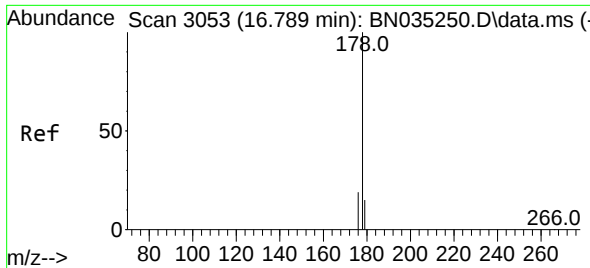
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#12
Fluorene
Concen: 0.179 ng/u1
RT: 15.045 min Scan# 2664
Delta R.T. -0.000 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

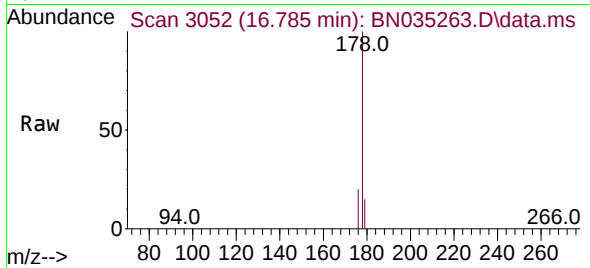
Tgt Ion:166 Resp: 3902
Ion Ratio Lower Upper
166 100
165 97.0 78.6 118.0
167 15.8 11.8 17.6





#15
Phenanthrene
Concen: 2.933 ng/u1
RT: 16.785 min Scan# 3053
Delta R.T. -0.004 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

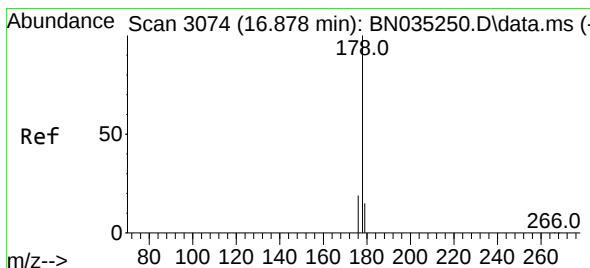
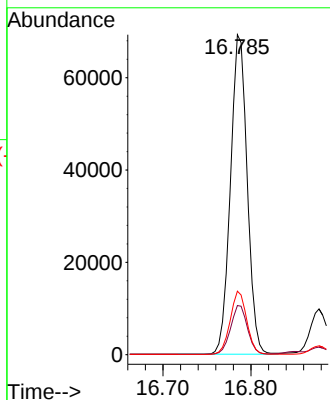
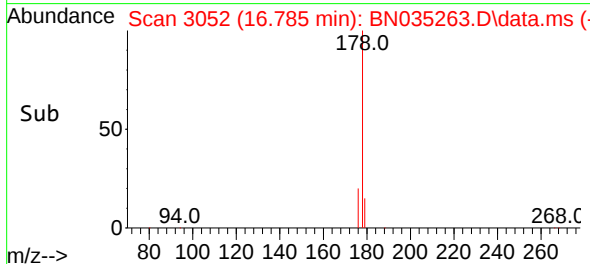
Instrument :
BNA_N
ClientSampleId :
E29X3



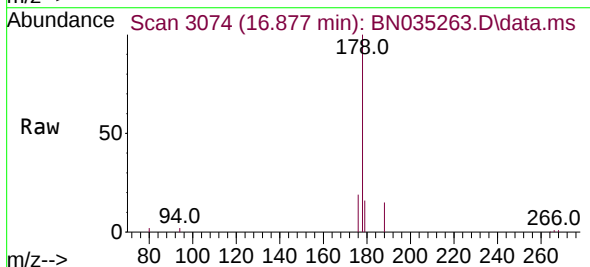
Tgt Ion:178 Resp: 91588
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.8 15.6 23.4

Manual Integrations
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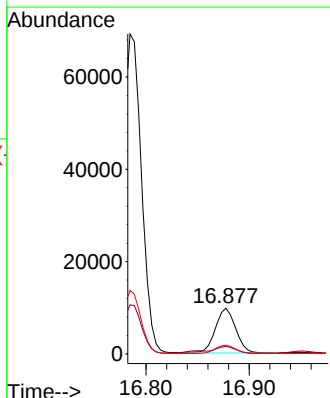
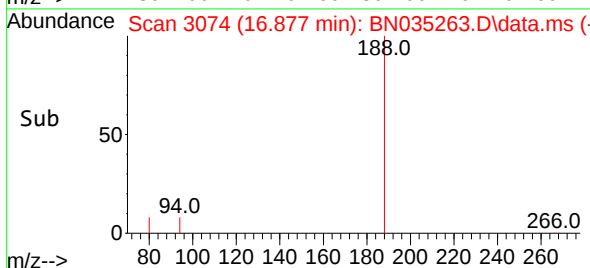
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

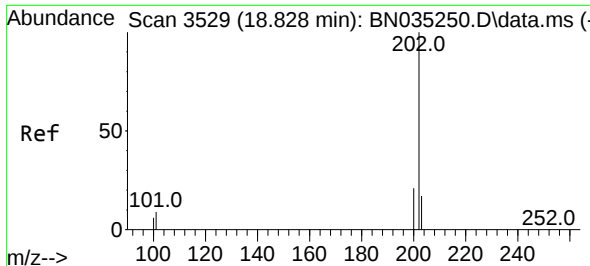


#16
Anthracene
Concen: 0.459 ng/u1
RT: 16.877 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35



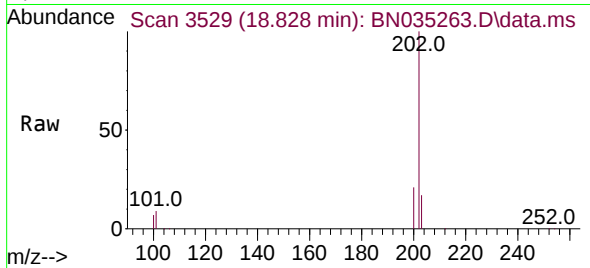
Tgt Ion:178 Resp: 13304
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 19.3 15.4 23.2





#19
Fluoranthene
Concen: 4.387 ng/u1
RT: 18.828 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

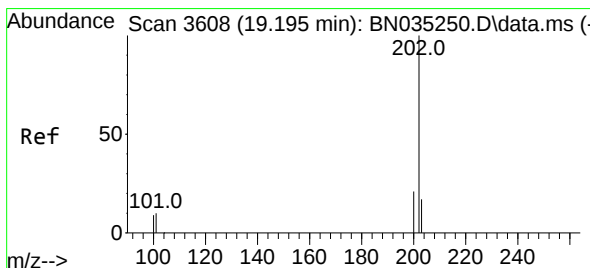
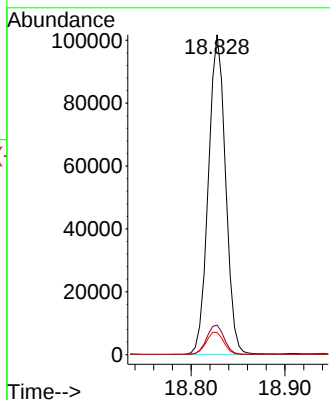
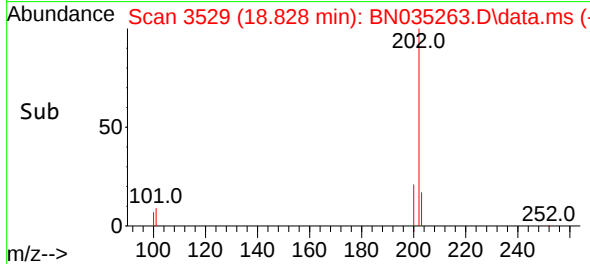
Instrument :
BNA_N
ClientSampleId :
E29X3



Tgt Ion:202 Resp: 129197
Ion Ratio Lower Upper
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101 9.3 5.8 8.6#
100 7.0 4.5 6.7#

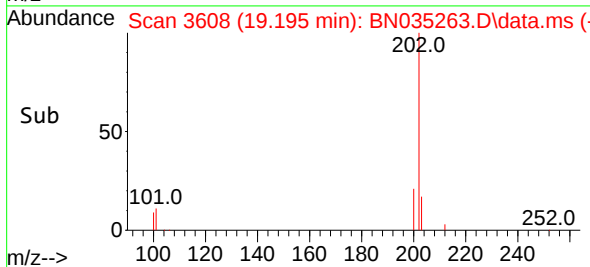
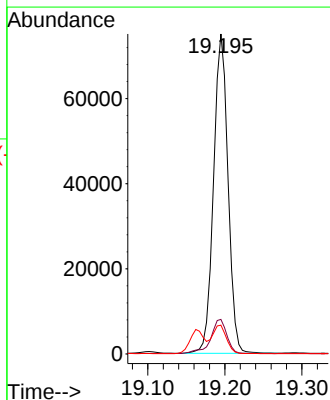
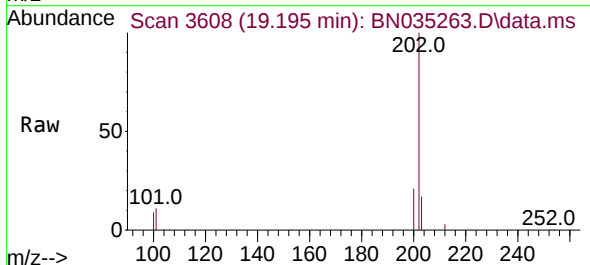
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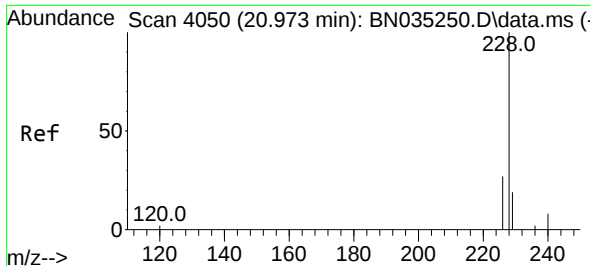
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#20
Pyrene
Concen: 3.182 ng/u1
RT: 19.195 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

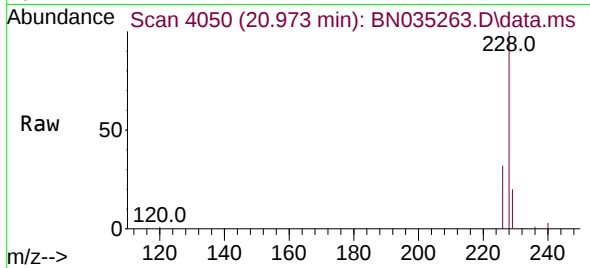
Tgt Ion:202 Resp: 97539
Ion Ratio Lower Upper
202 100
101 10.8 6.2 9.4#
100 9.0 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 1.411 ng/ul
RT: 20.973 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

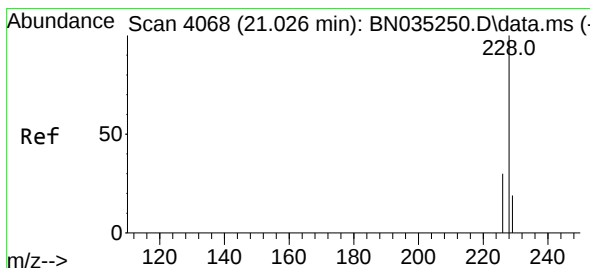
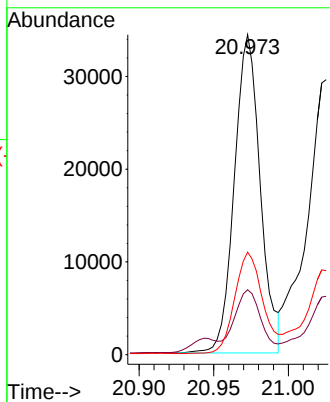
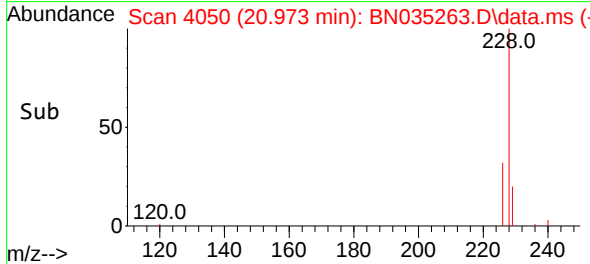
Instrument :
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E29X3



Tgt Ion:228 Resp: 41414
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 32.1 21.8 32.8

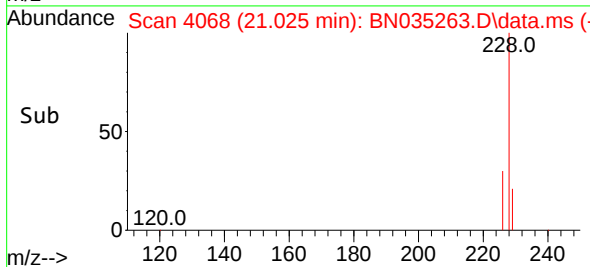
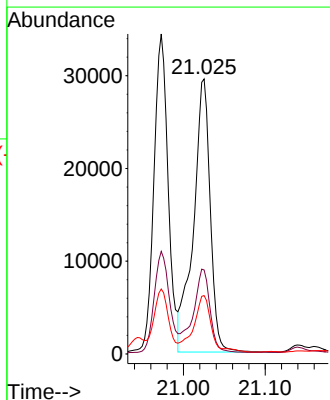
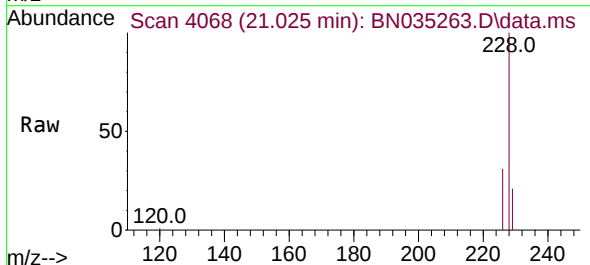
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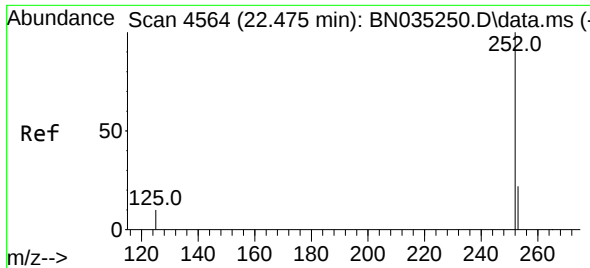
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Chrysene
Concen: 1.429 ng/ul
RT: 21.025 min Scan# 4068
Delta R.T. -0.003 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

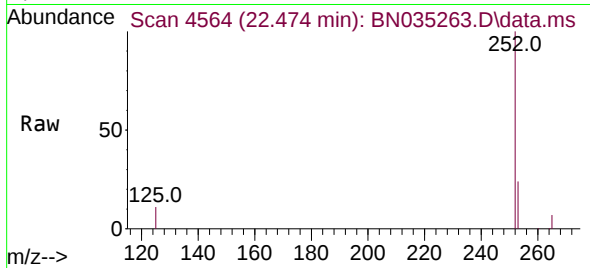
Tgt Ion:228 Resp: 42199
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 21.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.830 ng/ul m
RT: 22.474 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

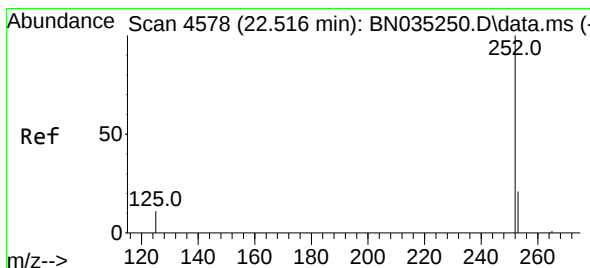
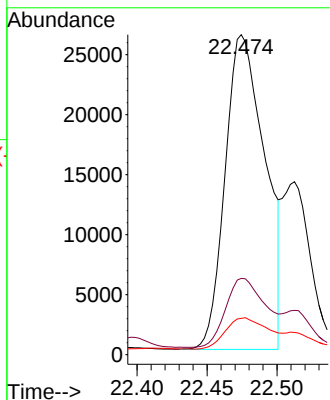
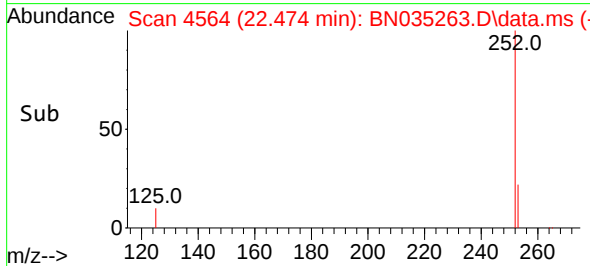
Instrument :
BNA_N
ClientSampleId :
E29X3



Tgt Ion:252 Resp: 5200
Ion Ratio Lower Upper
252 100
253 23.9 0.0 54.0
125 11.4 0.0 19.4

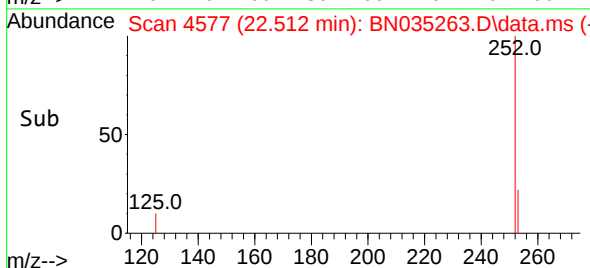
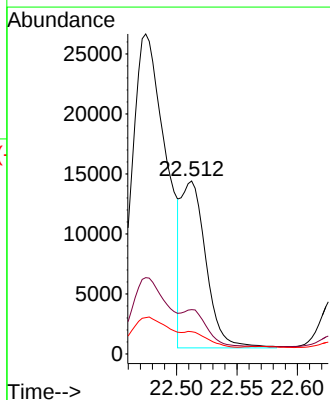
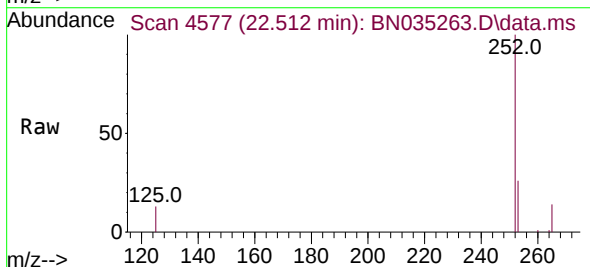
Manual Integrations
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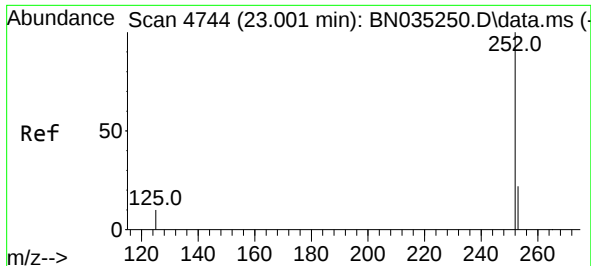
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.679 ng/ul m
RT: 22.512 min Scan# 4577
Delta R.T. -0.009 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

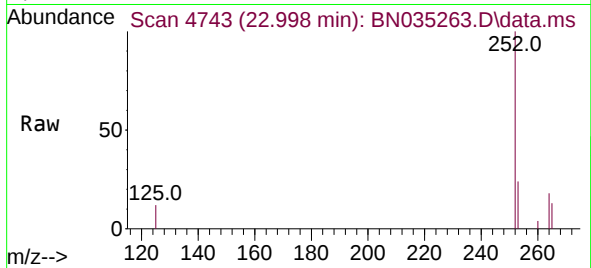
Tgt Ion:252 Resp: 19894
Ion Ratio Lower Upper
252 100
253 25.6 21.8 32.6
125 12.9 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 1.375 ng/ul
RT: 22.998 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

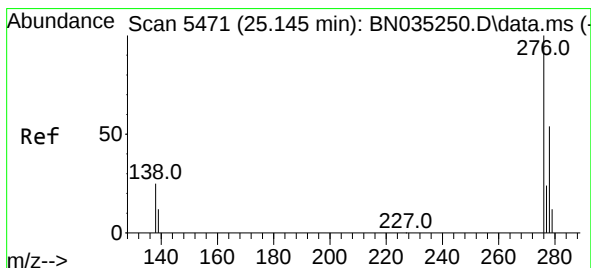
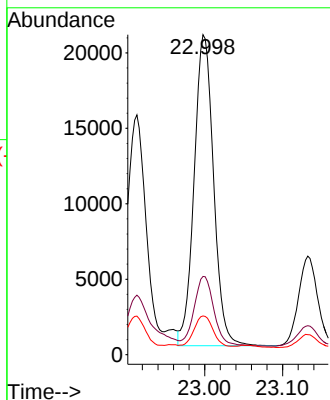
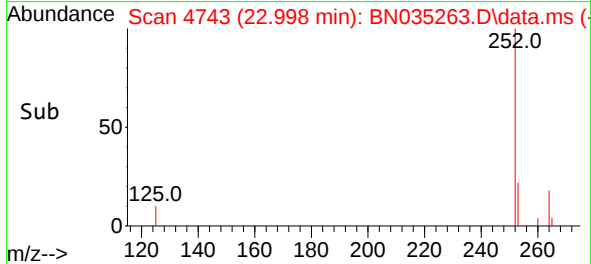
Instrument :
BNA_N
ClientSampleId :
E29X3



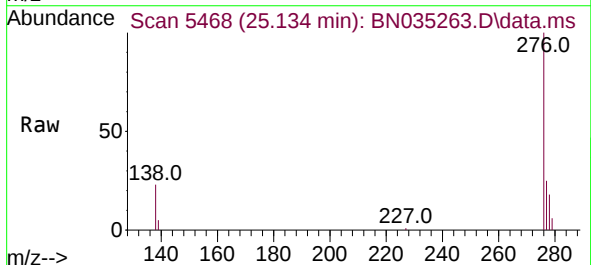
Tgt Ion:252 Resp: 35700
Ion Ratio Lower Upper
252 100
253 24.4 22.9 34.3
125 12.1 9.4 14.2

Manual Integrations
APPROVED

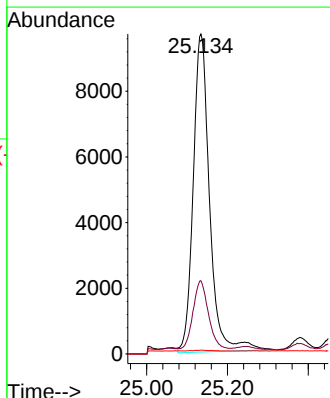
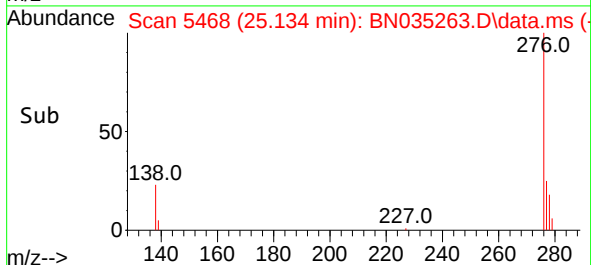
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

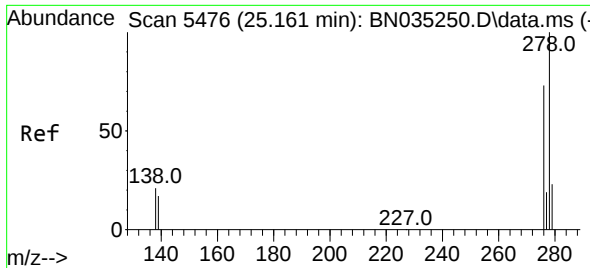


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.776 ng/ul
RT: 25.134 min Scan# 5468
Delta R.T. -0.017 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35



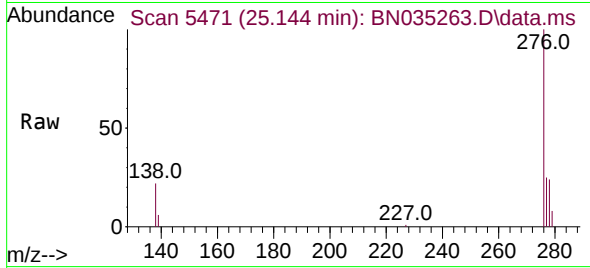
Tgt Ion:276 Resp: 27201
Ion Ratio Lower Upper
276 100
138 24.4 13.8 20.8#
227 6.8 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.202 ng/ul
RT: 25.144 min Scan# 5476
Delta R.T. -0.027 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

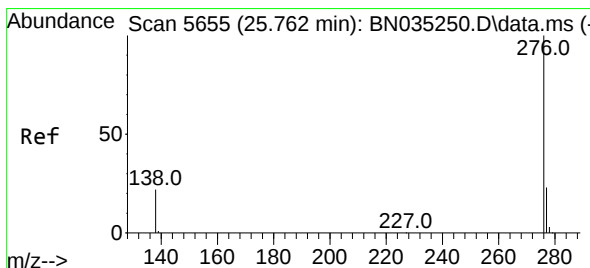
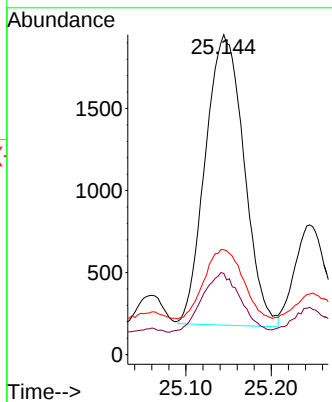
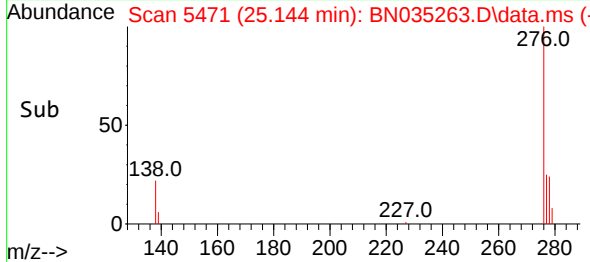
Instrument :
BNA_N
ClientSampleId :
E29X3



Tgt Ion:278 Resp: 5564
Ion Ratio Lower Upper
278 100
139 25.4 10.7 16.1
279 32.8 22.8 34.2

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Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.925 ng/ul
RT: 25.751 min Scan# 5652
Delta R.T. -0.024 min
Lab File: BN035263.D
Acq: 23 Nov 2024 04:35

Tgt Ion:276 Resp: 25564
Ion Ratio Lower Upper
276 100
138 22.8 13.0 19.6
277 24.3 20.5 30.7

