

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030211.D
 Acq On : 03 Mar 2024 10:22
 Operator : MA/JU
 Sample : P1512-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0SC3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 03 22:51:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	2323	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	6189	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.474	164	3069	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.230	188	6286	0.400	ng/ul	-0.02
17) Chrysene-d12	21.441	240	5739	0.400	ng/ul	-0.01
23) Perylene-d12	23.794	264	5544m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	16417	5.105	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	2936	0.367	ng/ul	-0.02
18) Fluoranthene-d10	19.267	212	5971	0.319	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.672	128	2322	0.127	ng/ul	97
7) 2-Methylnaphthalene	12.294	142	516	0.052	ng/ul	97
8) 1-Methylnaphthalene	12.514	142	337	0.032	ng/ul	98
10) Acenaphthylene	14.196	152	1211	0.071	ng/ul#	86
11) Acenaphthene	14.539	153	445	0.035	ng/ul	86
12) Fluorene	15.529	166	593	0.046	ng/ul#	93
15) Phenanthrene	17.272	178	6546	0.311	ng/ul	100
16) Anthracene	17.365	178	2159	0.116	ng/ul#	96
19) Fluoranthene	19.300	202	25573	1.003	ng/ul	97
20) Pyrene	19.662	202	24041	0.867	ng/ul	97
21) Benzo(a)anthracene	21.423	228	10166	0.501	ng/ul	95
22) Chrysene	21.476	228	12012	0.493	ng/ul	97
24) Benzo(b)fluoranthene	23.081	252	16829m	0.787	ng/ul	
25) Benzo(k)fluoranthene	23.124	252	7560m	0.300	ng/ul	
26) Benzo(a)pyrene	23.689	252	11318	0.520	ng/ul	89
27) Indeno(1,2,3-cd)pyrene	26.222	276	8829	0.318	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.242	278	1949	0.091	ng/ul#	73
29) Benzo(g,h,i)perylene	26.963	276	9416	0.365	ng/ul	98

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

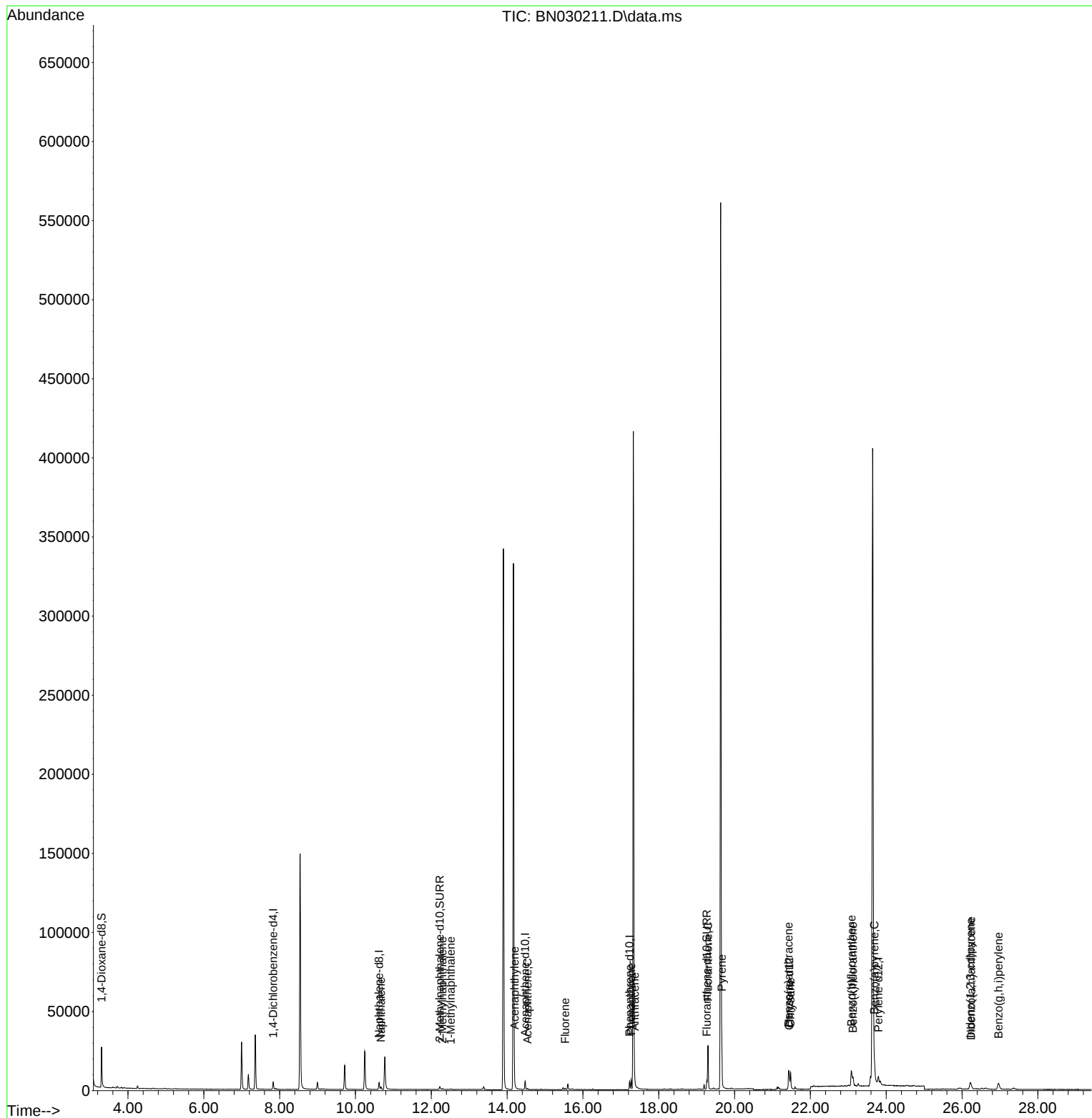
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030211.D
Acq On : 03 Mar 2024 10:22
Operator : MA/JU
Sample : P1512-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

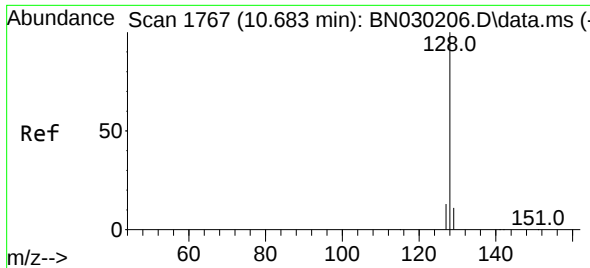
Instrument :
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E0SC3

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Supervised By :mohammad ahmed 03/05/2024

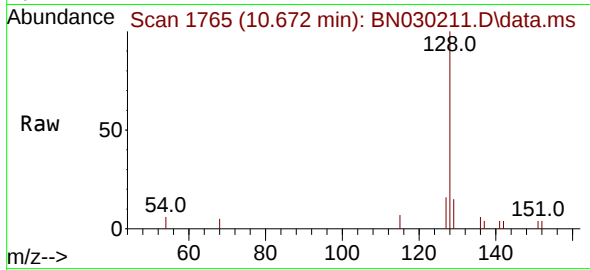
Quant Time: Mar 03 22:51:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 02 16:09:30 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.127 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.017 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22

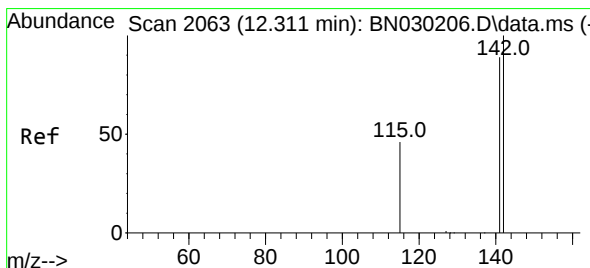
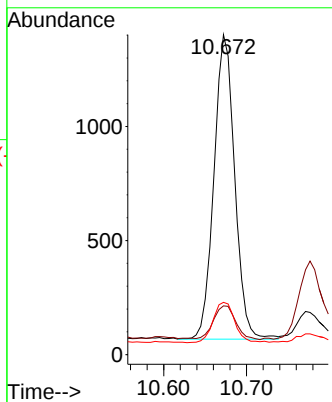
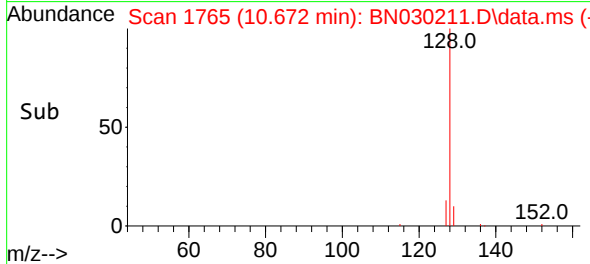
Instrument :
BNA_N
ClientSampleId :
E0SC3



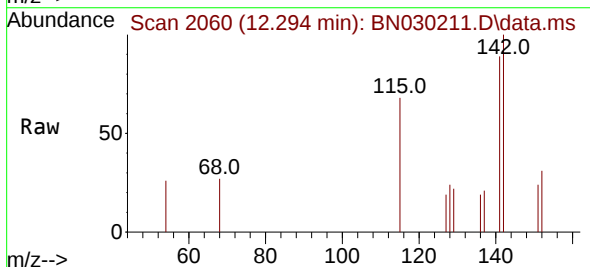
Tgt Ion:128 Resp: 232
Ion Ratio Lower Upper
128 100
129 15.3 11.0 16.4
127 16.3 12.3 18.5

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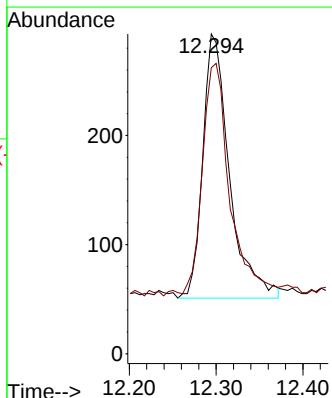
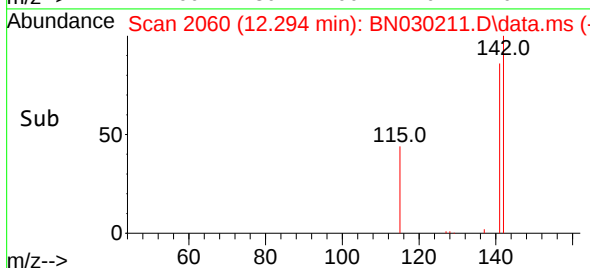
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

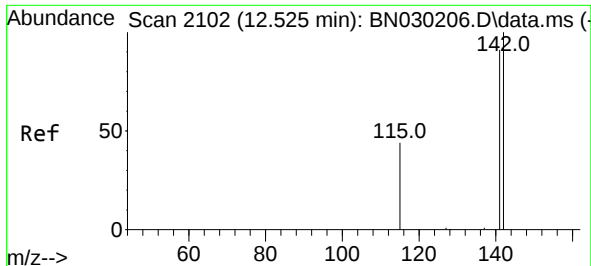


#7
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.017 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22



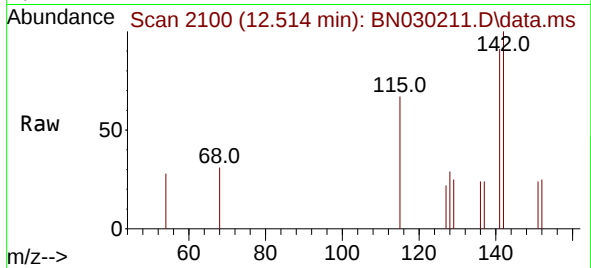
Tgt Ion:142 Resp: 516
Ion Ratio Lower Upper
142 100
141 88.4 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.514 min Scan# 2102
Delta R.T. -0.011 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22

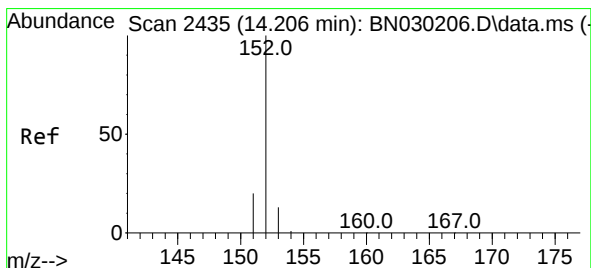
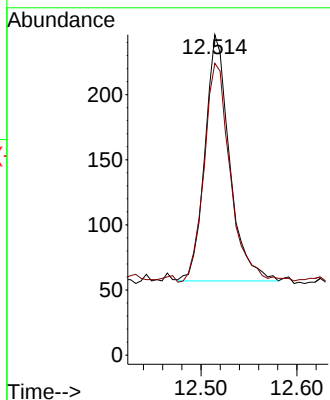
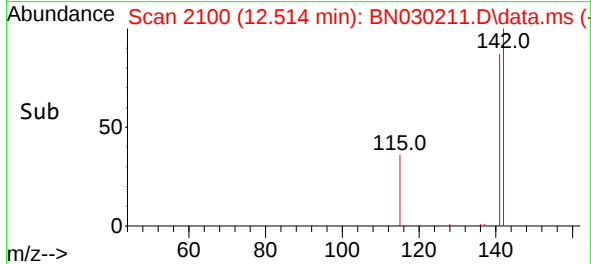
Instrument :
BNA_N
ClientSampleId :
E0SC3



Tgt Ion:142 Resp: 337
Ion Ratio Lower Upper
142 100
141 95.0 74.2 111.2

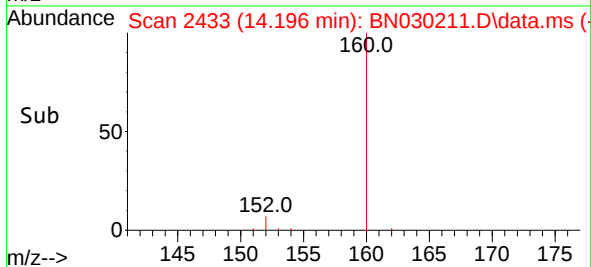
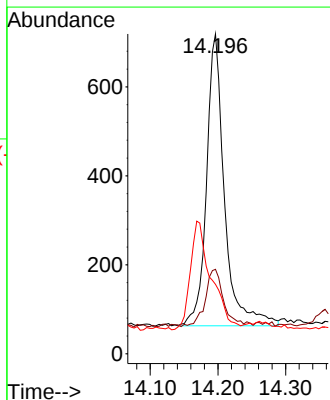
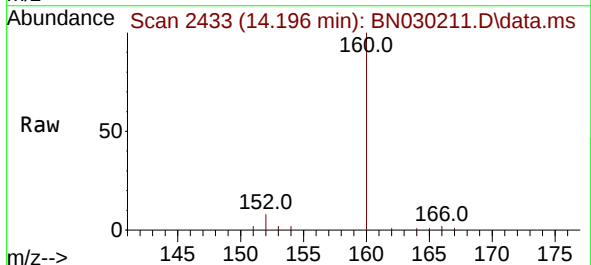
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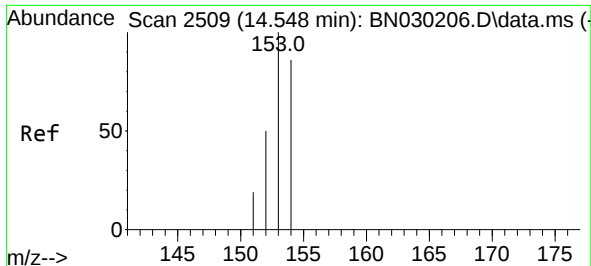
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. -0.010 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22

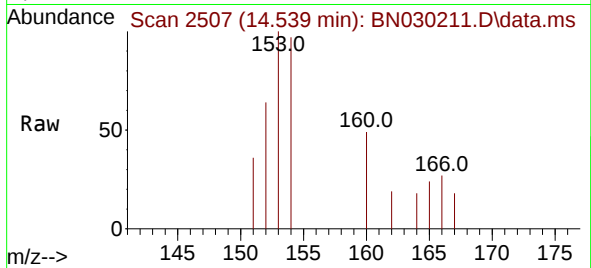
Tgt Ion:152 Resp: 1211
Ion Ratio Lower Upper
152 100
151 26.4 16.9 25.3#
153 21.7 11.8 17.6#





#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. -0.010 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22

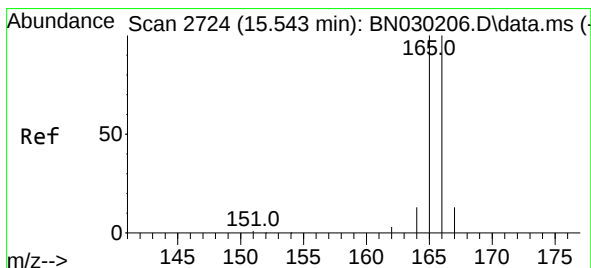
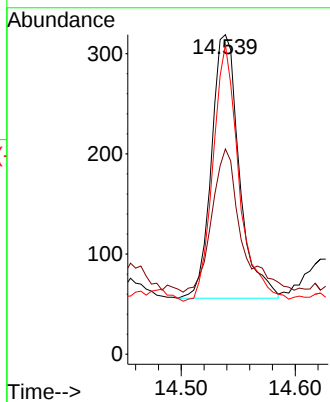
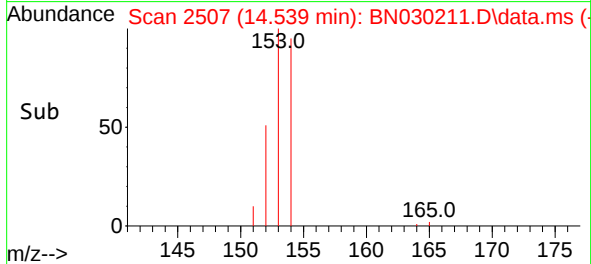
Instrument :
BNA_N
ClientSampleId :
E0SC3



Tgt Ion:153 Resp: 449
Ion Ratio Lower Upper
153 100
152 64.3 43.2 64.8
154 96.9 67.5 101.3

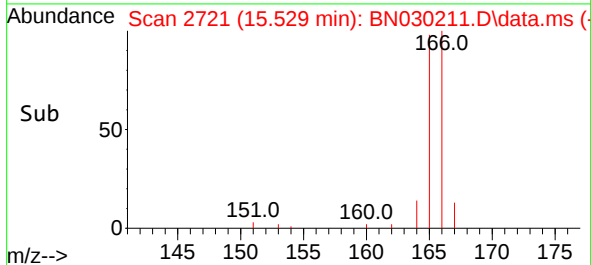
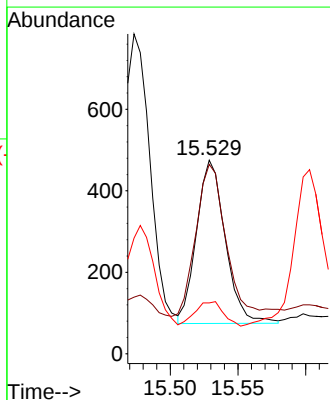
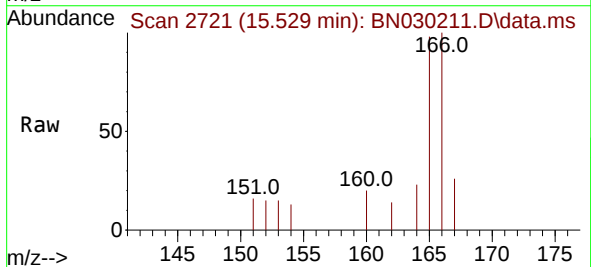
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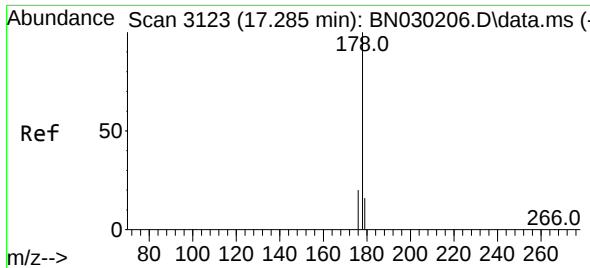
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.529 min Scan# 2721
Delta R.T. -0.019 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22

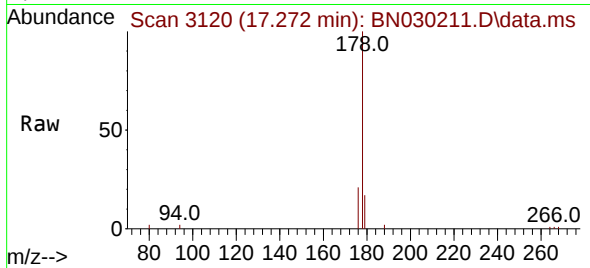
Tgt Ion:166 Resp: 593
Ion Ratio Lower Upper
166 100
165 97.9 81.8 122.6
167 26.3 13.0 19.4





#15
Phenanthrene
Concen: 0.311 ng/ul
RT: 17.272 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22

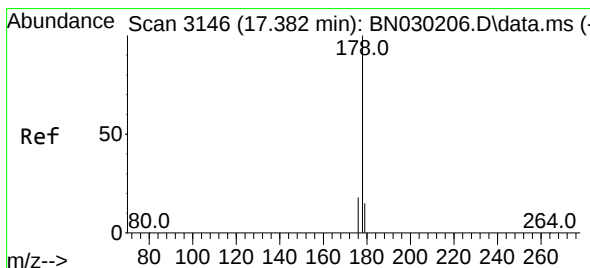
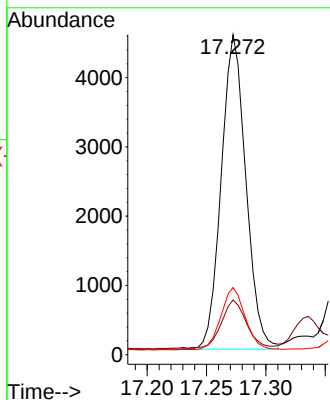
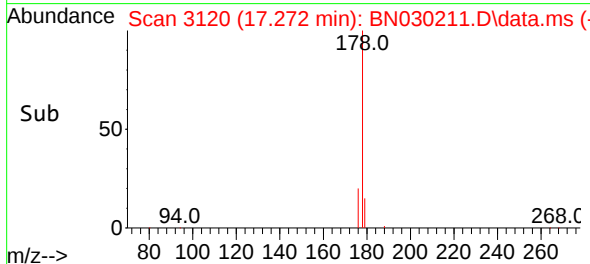
Instrument :
BNA_N
ClientSampleId :
E0SC3



Tgt Ion:178 Resp: 6540
Ion Ratio Lower Upper
178 100
179 17.1 13.8 20.8
176 21.0 16.6 25.0

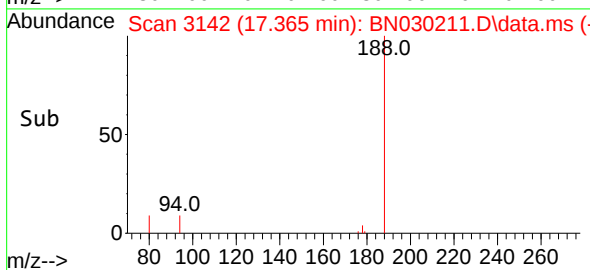
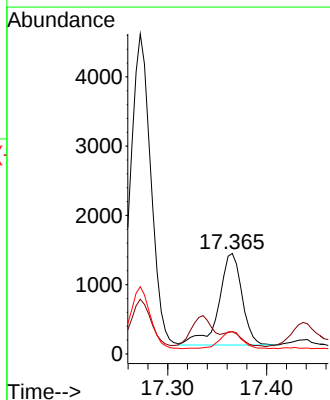
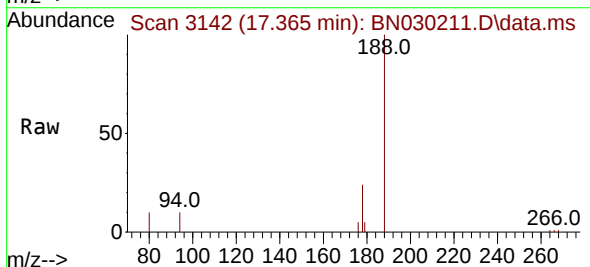
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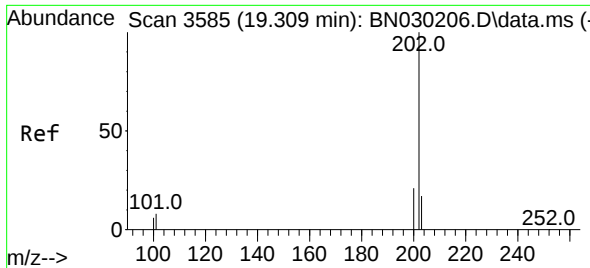
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#16
Anthracene
Concen: 0.116 ng/ul
RT: 17.365 min Scan# 3142
Delta R.T. -0.022 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22

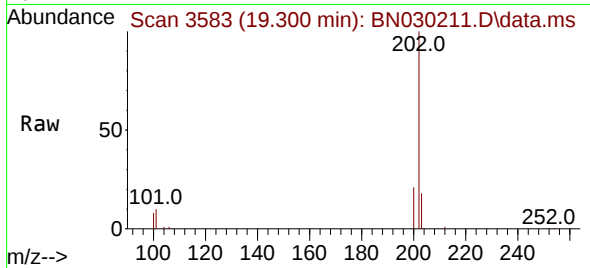
Tgt Ion:178 Resp: 2159
Ion Ratio Lower Upper
178 100
179 22.3 14.8 22.2#
176 22.1 17.8 26.6





#19
Fluoranthene
Concen: 1.003 ng/u1
RT: 19.300 min Scan# 3585
Delta R.T. -0.015 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22

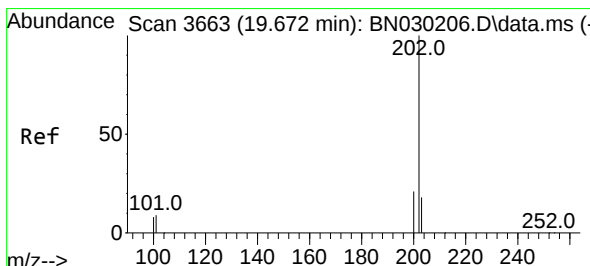
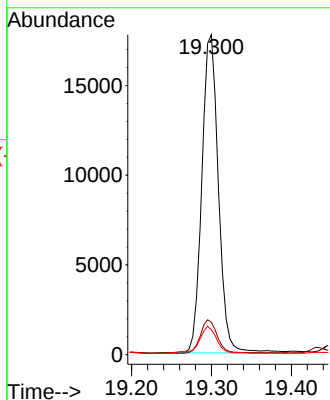
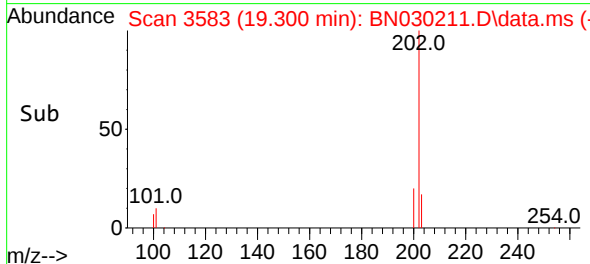
Instrument :
BNA_N
ClientSampleId :
E0SC3



Tgt Ion:202 Resp: 2557
Ion Ratio Lower Upper
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101 10.2 8.8 13.2
100 7.8 7.4 11.2

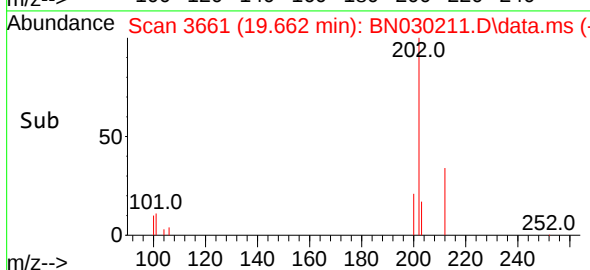
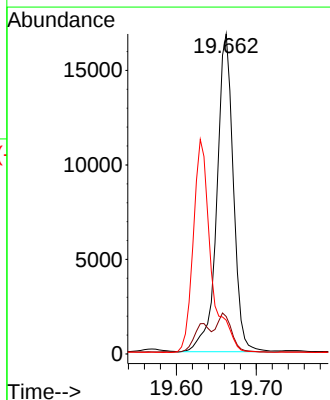
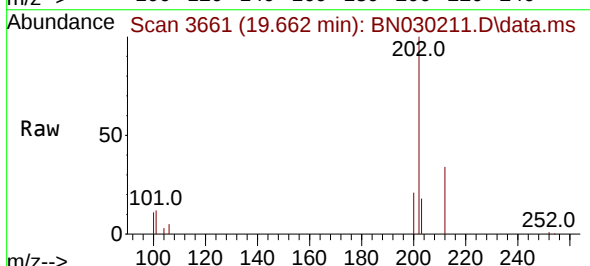
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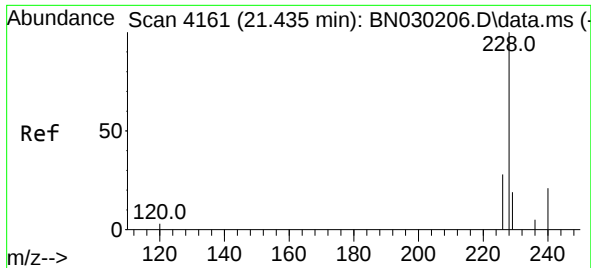
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#20
Pyrene
Concen: 0.867 ng/u1
RT: 19.662 min Scan# 3661
Delta R.T. -0.010 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22

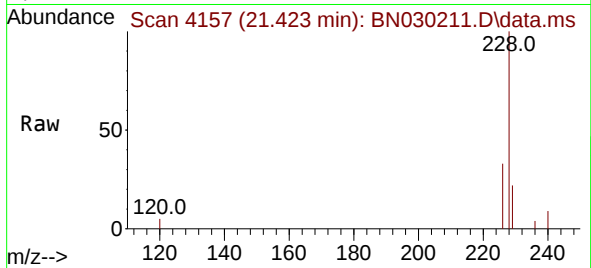
Tgt Ion:202 Resp: 24041
Ion Ratio Lower Upper
202 100
101 11.7 10.6 15.8
100 10.6 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.501 ng/ul
RT: 21.423 min Scan# 4161
Delta R.T. -0.015 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22

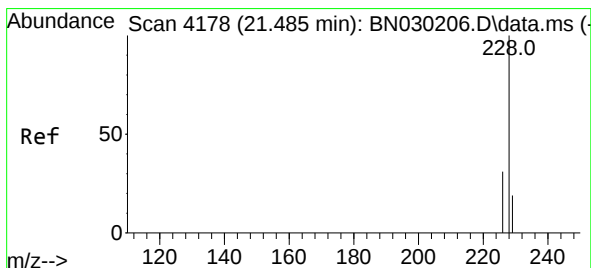
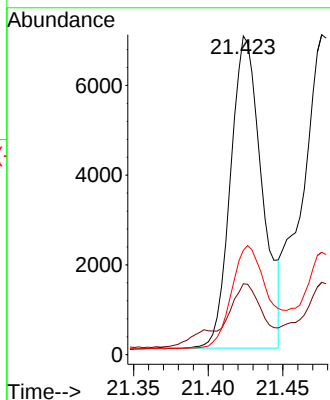
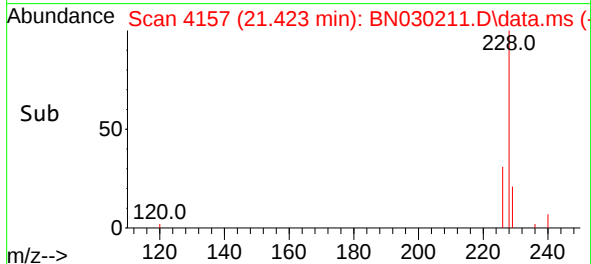
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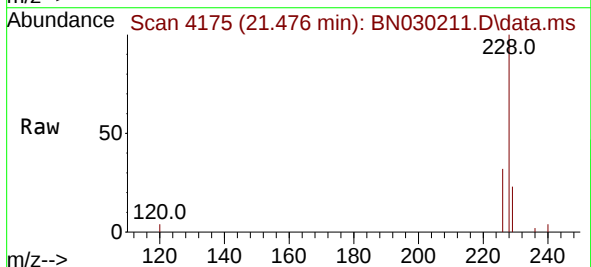
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Ion Ratio Lower Upper
228 100
229 22.2 16.6 24.8
226 32.7 23.7 35.5

Manual Integrations
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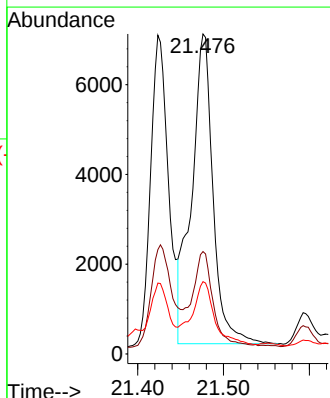
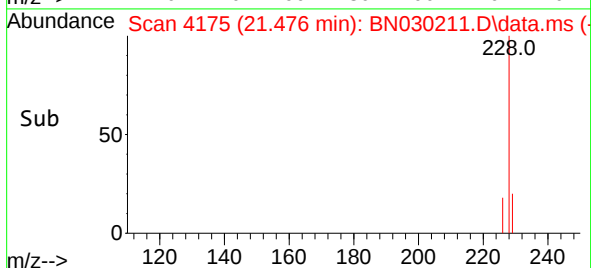
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

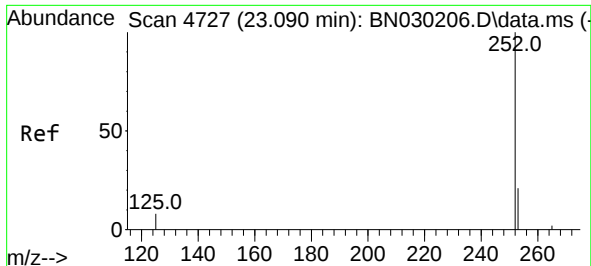


#22
Chrysene
Concen: 0.493 ng/ul
RT: 21.476 min Scan# 4175
Delta R.T. -0.013 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22



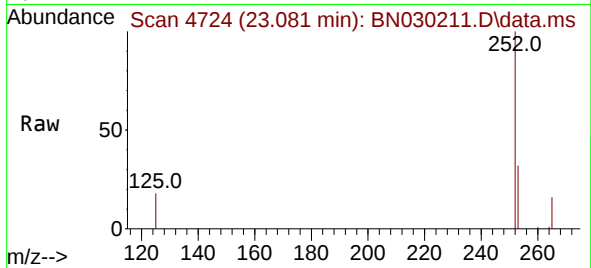
Tgt Ion:228 Resp: 12012
Ion Ratio Lower Upper
228 100
226 32.0 24.6 37.0
229 22.6 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.787 ng/ul m
RT: 23.081 min Scan# 4724
Delta R.T. -0.015 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22

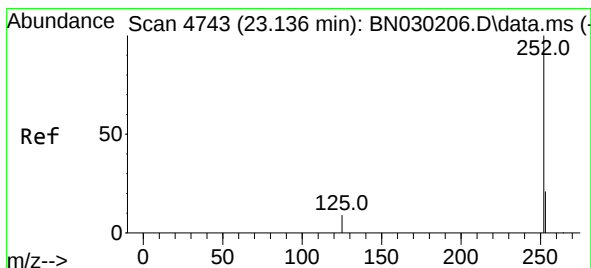
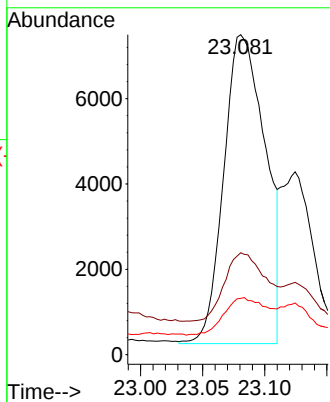
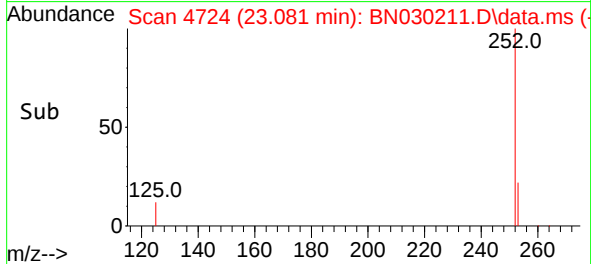
Instrument :
BNA_N
ClientSampleId :
E0SC3



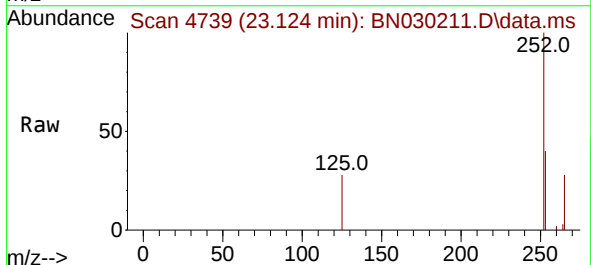
Tgt Ion:252 Resp: 16829
Ion Ratio Lower Upper
252 100
253 31.8 0.0 69.4
125 17.6 0.0 32.8

Manual Integrations
APPROVED

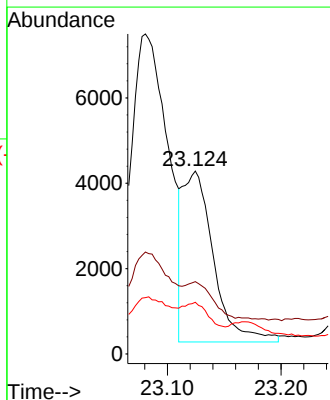
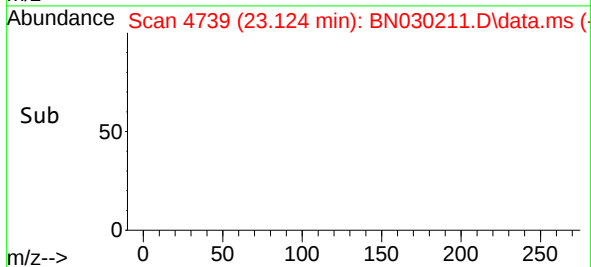
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

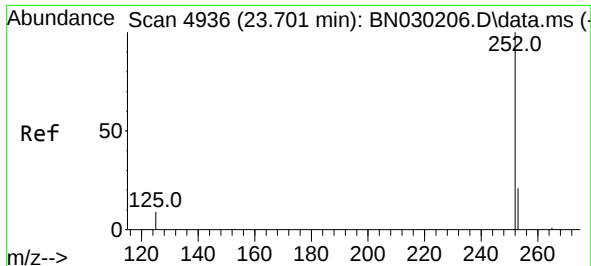


#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul m
RT: 23.124 min Scan# 4739
Delta R.T. -0.018 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22



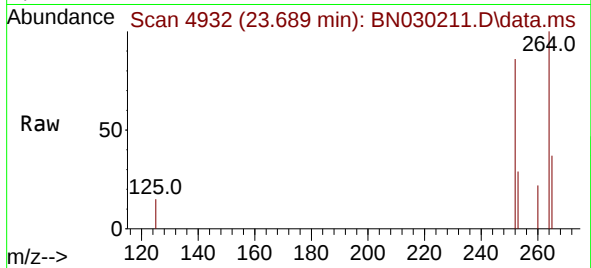
Tgt Ion:252 Resp: 7560
Ion Ratio Lower Upper
252 100
253 39.5 28.0 42.0
125 28.3 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.520 ng/ul
RT: 23.689 min Scan# 4932
Delta R.T. -0.021 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22

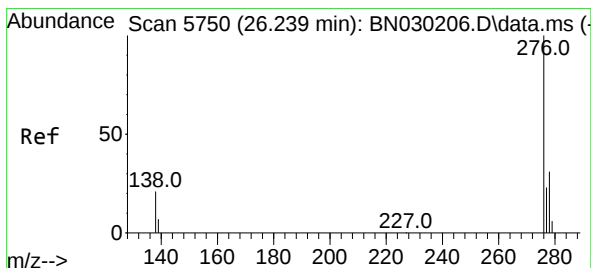
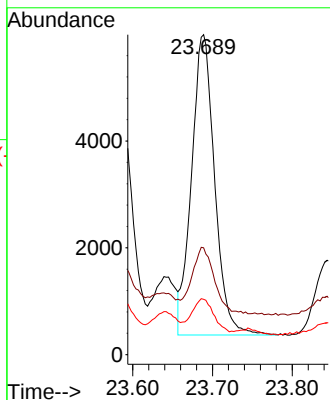
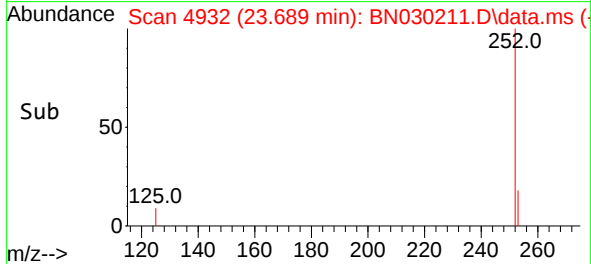
Instrument :
BNA_N
ClientSampleId :
E0SC3



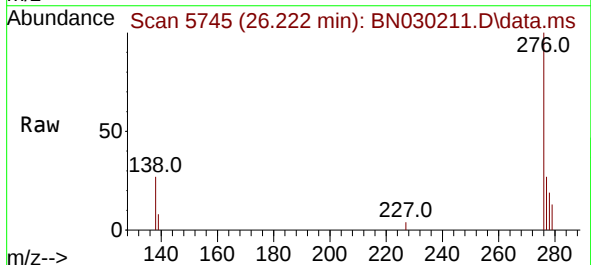
Tgt Ion:252 Resp: 11318
Ion Ratio Lower Upper
252 100
253 33.4 33.0 49.4
125 17.3 16.9 25.3

Manual Integrations
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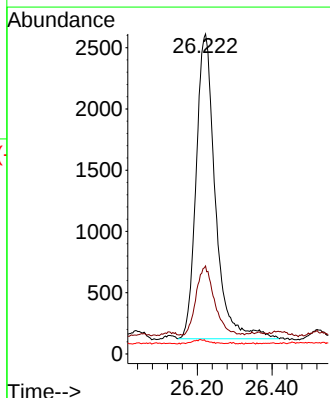
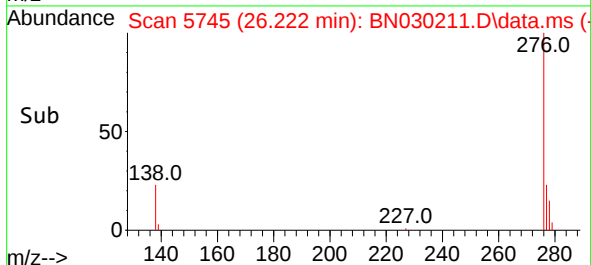
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

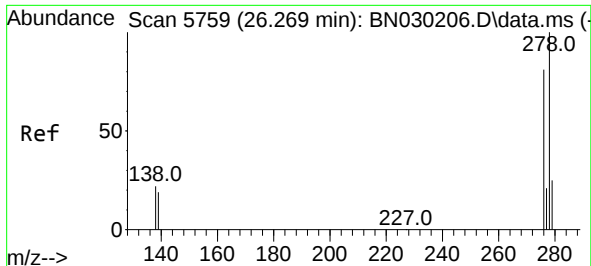


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng/ul
RT: 26.222 min Scan# 5745
Delta R.T. -0.028 min
Lab File: BN030211.D
Acq: 03 Mar 2024 10:22



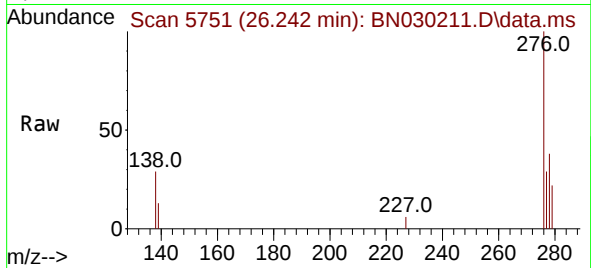
Tgt Ion:276 Resp: 8829
Ion Ratio Lower Upper
276 100
138 21.7 20.9 31.3
227 1.1 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.091 ng/ul
 RT: 26.242 min Scan# 51
 Delta R.T. -0.044 min
 Lab File: BN030211.D
 Acq: 03 Mar 2024 10:22

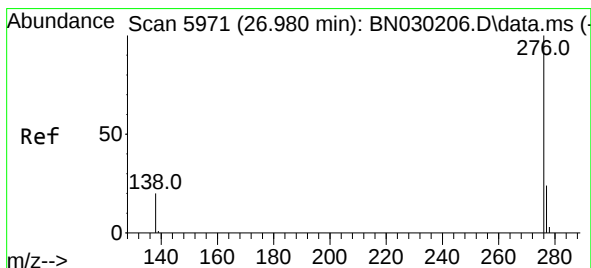
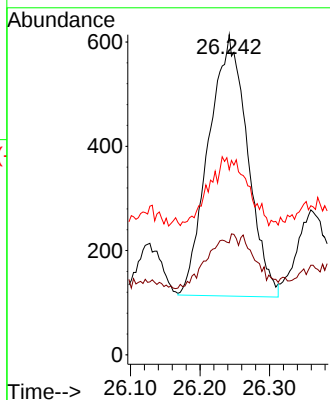
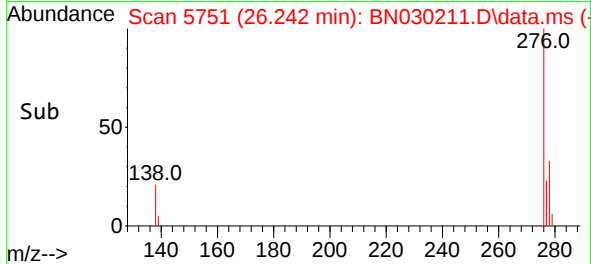
Instrument :
 BNA_N
 ClientSampleId :
 E0SC3



Tgt Ion:278 Resp: 1949
 Ion Ratio Lower Upper
 278 100
 139 35.0 18.9 28.3
 279 57.8 31.8 47.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2024
 Supervised By :mohammad ahmed 03/05/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.365 ng/ul
 RT: 26.963 min Scan# 5966
 Delta R.T. -0.021 min
 Lab File: BN030211.D
 Acq: 03 Mar 2024 10:22

Tgt Ion:276 Resp: 9416
 Ion Ratio Lower Upper
 276 100
 138 27.3 22.6 33.8
 277 26.2 21.9 32.9

