

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032445.D
 Acq On : 03 Jul 2024 20:35
 Operator : MA/JU
 Sample : P2963-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 23:50:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	6633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	19832	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	11436	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	20118m	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	13633m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	19255m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	25932	3.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	7210	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	12906m	0.315	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	178642	3.404	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	43453	1.249	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	27078	0.751	ng/ul	100
10) Acenaphthylene	13.971	152	68861	1.448	ng/ul	99
11) Acenaphthene	14.313	153	66590	1.804	ng/ul	98
12) Fluorene	15.303	166	74298	1.689	ng/ul	99
15) Phenanthrene	17.046	178	1181765m	21.426	ng/ul	
16) Anthracene	17.138	178	209834m	4.265	ng/ul	
19) Fluoranthene	19.073	202	1449363m	27.919	ng/ul	
20) Pyrene	19.440	202	1090436m	20.100	ng/ul	
21) Benzo(a)anthracene	21.194	228	659815m	13.409	ng/ul	
22) Chrysene	21.247	228	715026m	13.240	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	919464m	10.991	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	339536m	4.177	ng/ul	
26) Benzo(a)pyrene	23.330	252	410215m	7.048	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	375508m	4.120	ng/ul	
28) Dibenzo(a,h)anthracene	25.660	278	134854m	1.992	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	55521m	0.765	ng/ul	

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

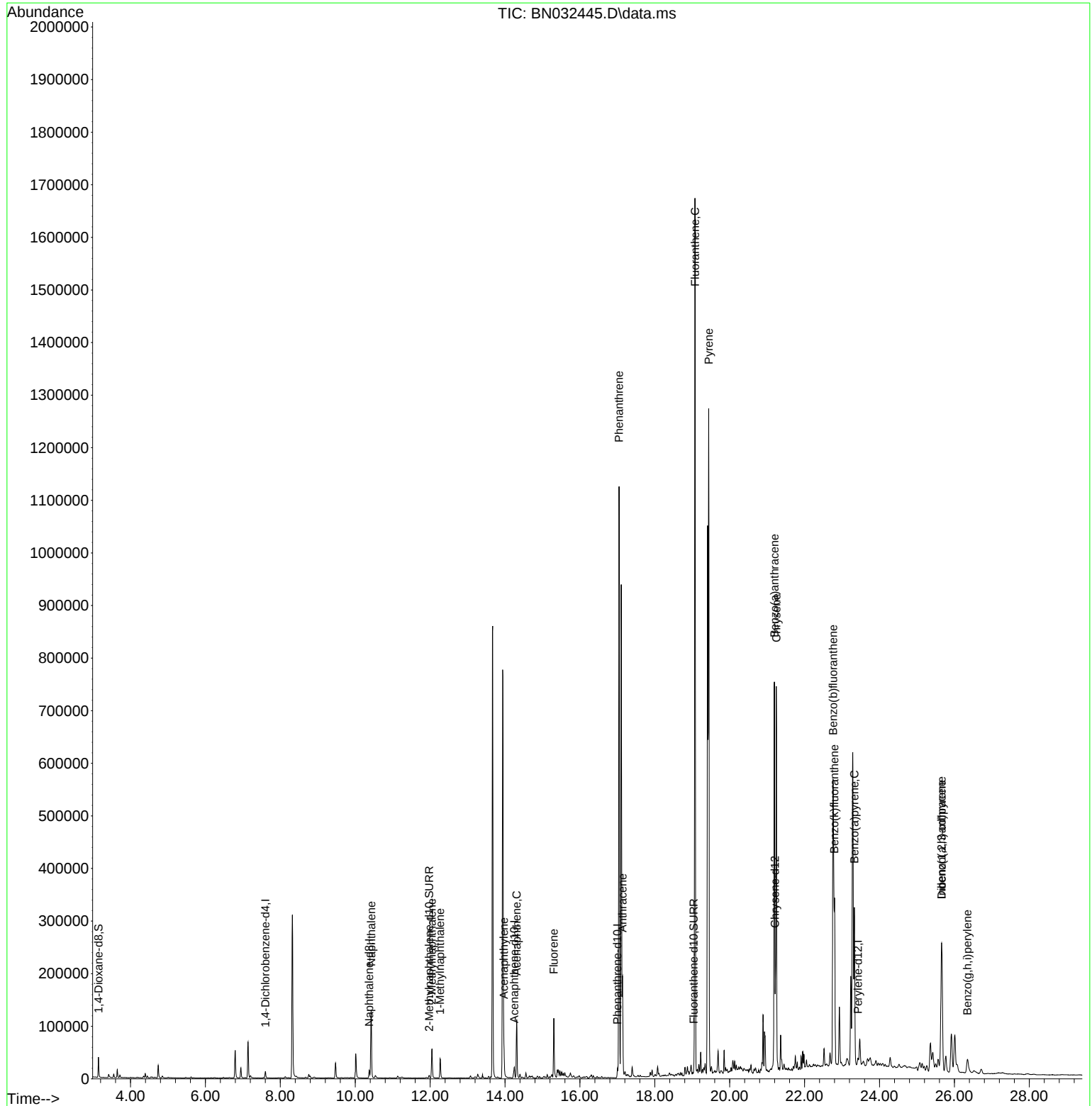
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032445.D
Acq On : 03 Jul 2024 20:35
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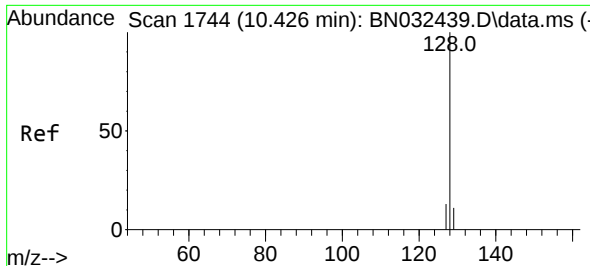
Instrument :
BNA_N
ClientSampleId :
A4CQ9

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Supervised By :mohammad ahmed 07/05/2024

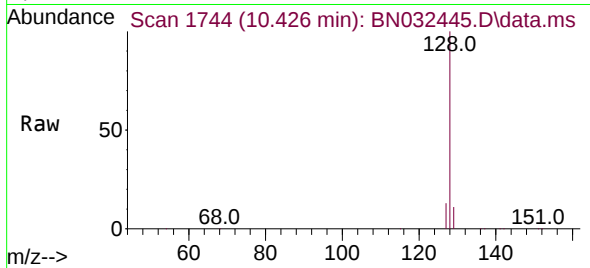
Quant Time: Jul 03 23:50:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 3.404 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

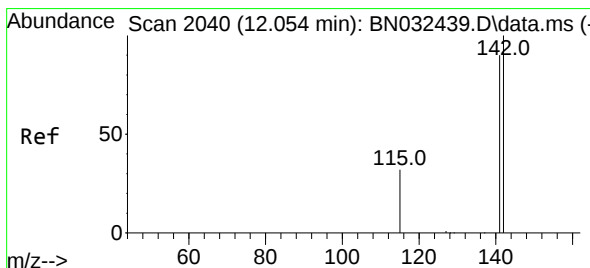
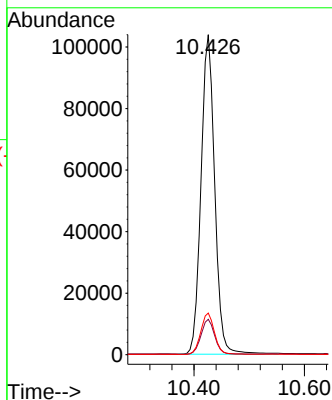
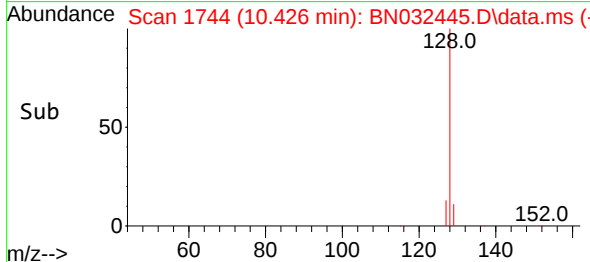
Instrument :
BNA_N
ClientSampleId :
A4CQ9



Tgt Ion:128 Resp: 17864
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.0 10.8 16.2

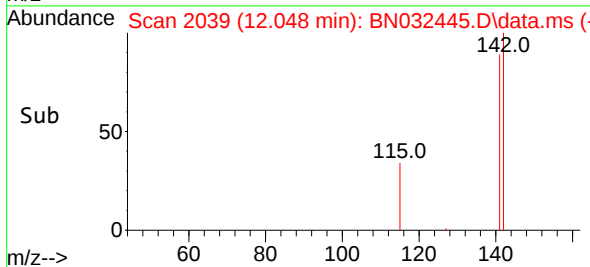
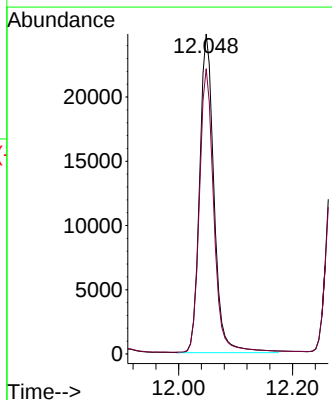
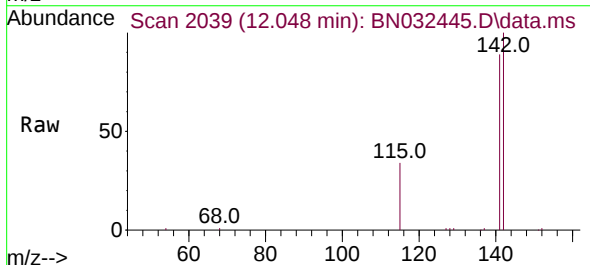
Manual Integrations
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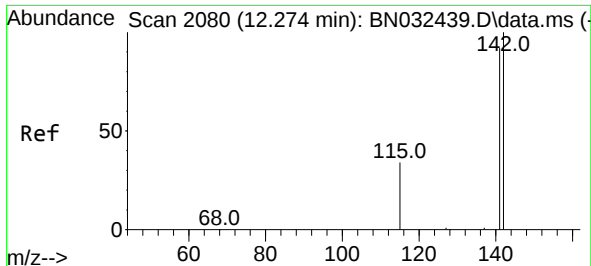
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 1.249 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

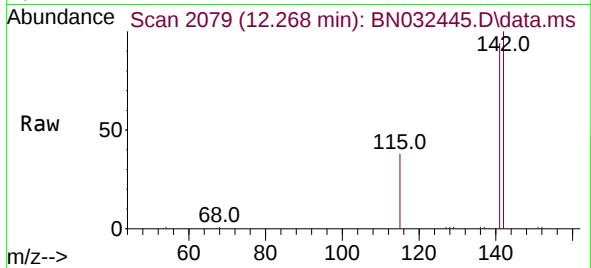
Tgt Ion:142 Resp: 43453
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.751 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

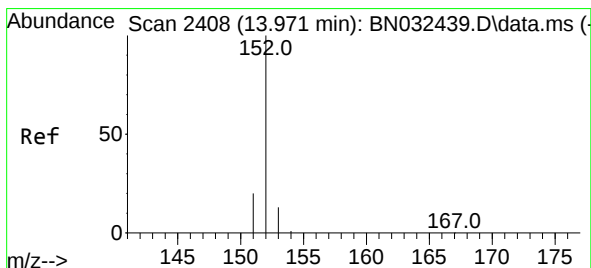
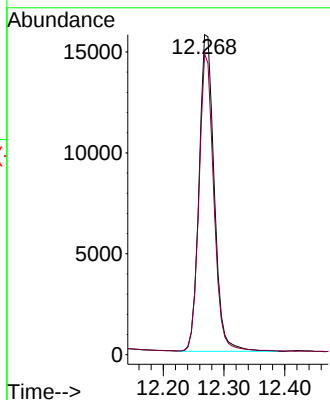
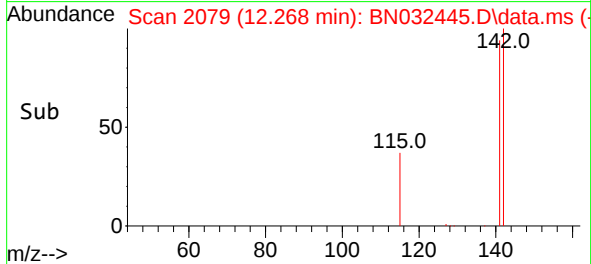
Instrument :
BNA_N
ClientSampleId :
A4CQ9



Tgt Ion:142 Resp: 27078
Ion Ratio Lower Upper
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141 91.9 73.4 110.0

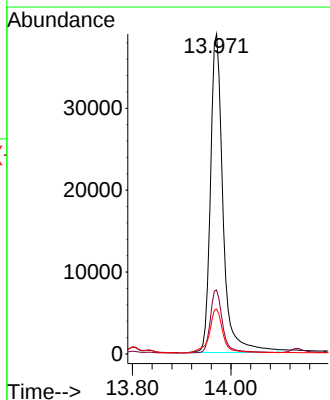
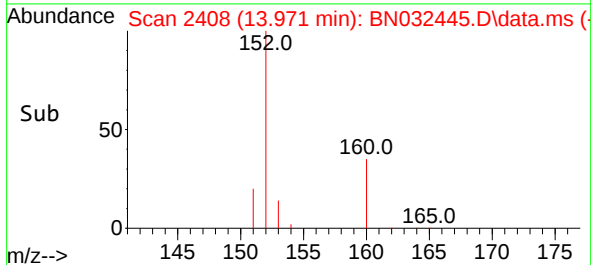
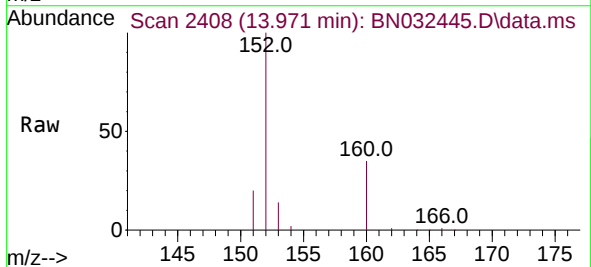
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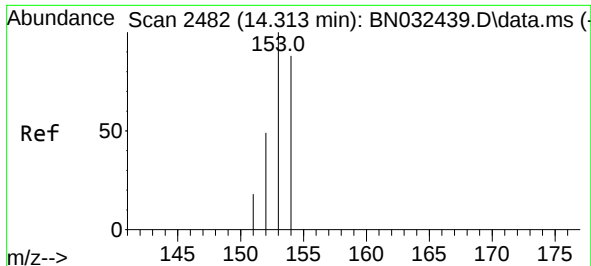
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 1.448 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

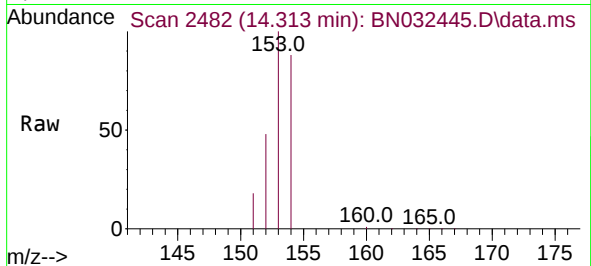
Tgt Ion:152 Resp: 68861
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 1.804 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

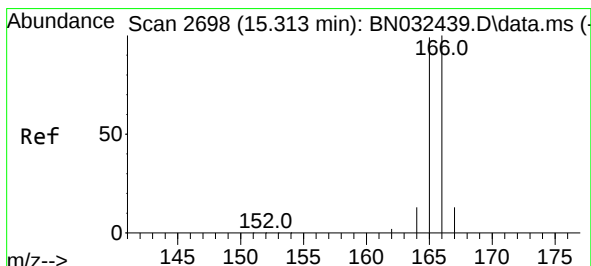
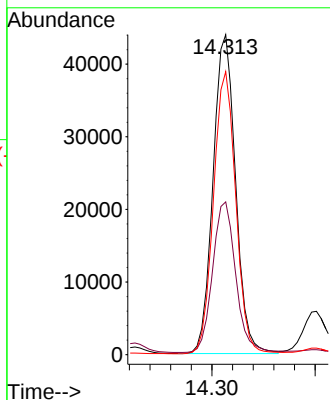
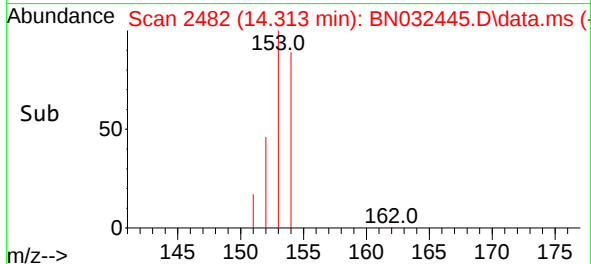
Instrument :
BNA_N
ClientSampleId :
A4CQ9



Tgt Ion:153 Resp: 66590
Ion Ratio Lower Upper
153 100
152 47.8 39.5 59.3
154 88.5 71.7 107.5

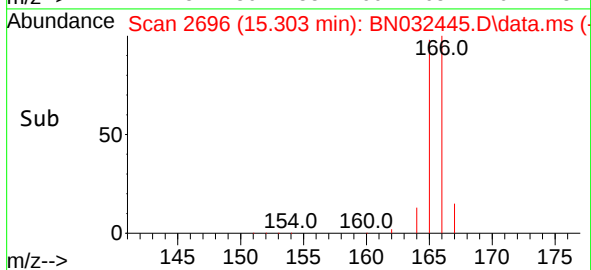
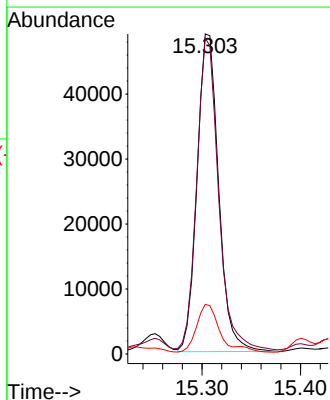
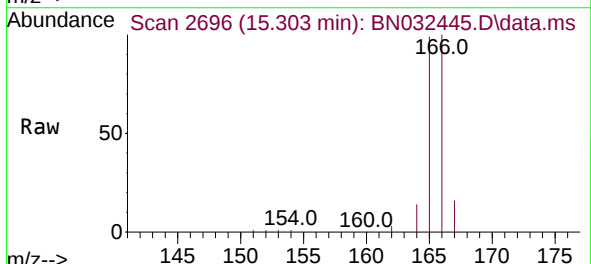
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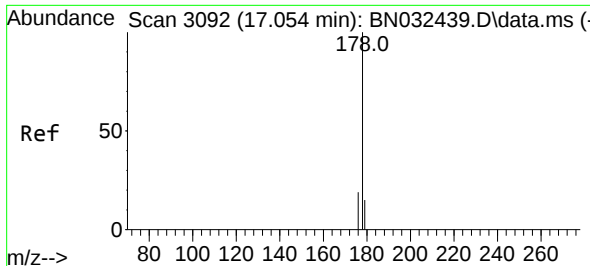
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 1.689 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

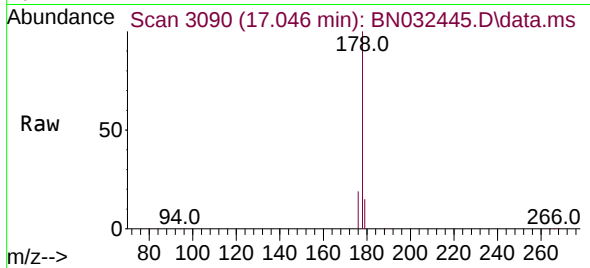
Tgt Ion:166 Resp: 74298
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 15.5 11.0 16.6





#15
Phenanthrene
Concen: 21.426 ng/ul m
RT: 17.046 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

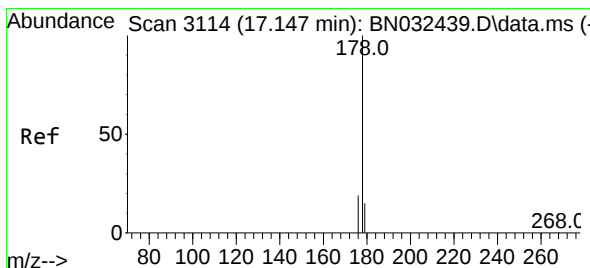
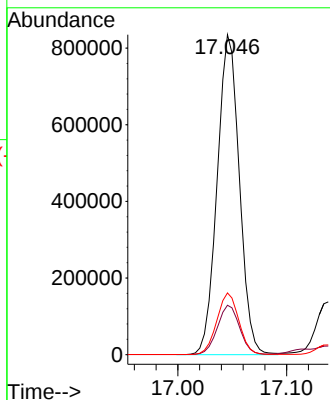
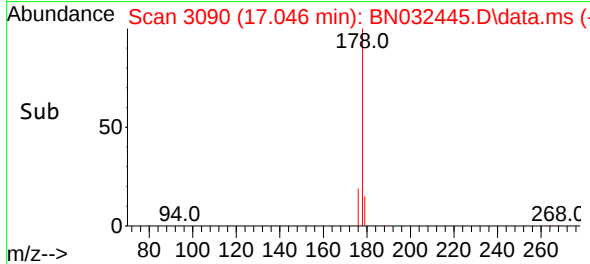
Instrument :
BNA_N
ClientSampleId :
A4CQ9



Tgt Ion:178 Resp: 118176
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.3 15.6 23.4

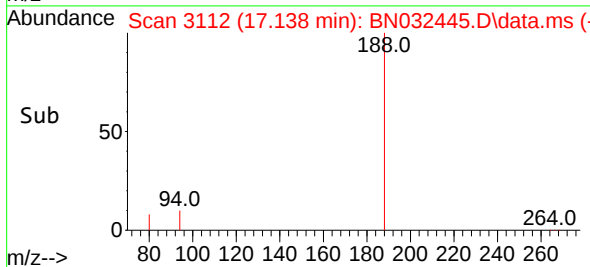
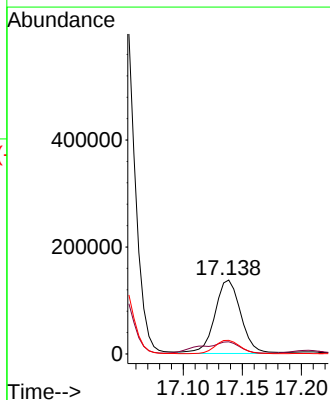
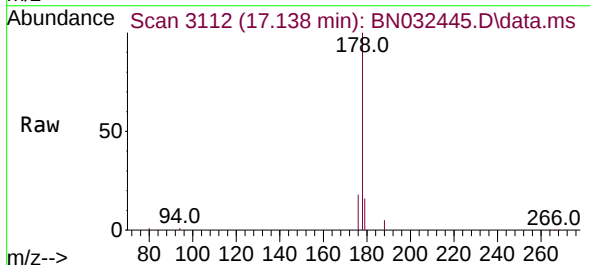
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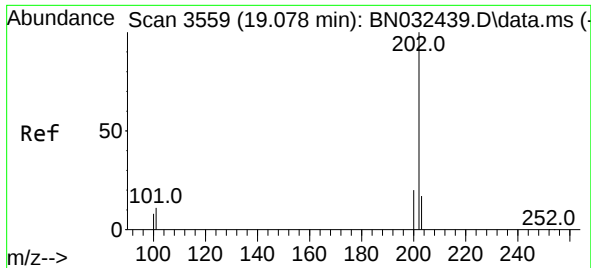
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 4.265 ng/ul m
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

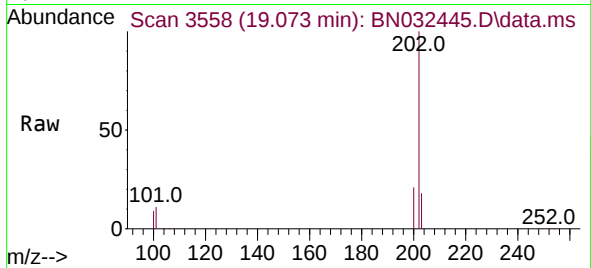
Tgt Ion:178 Resp: 209834
Ion Ratio Lower Upper
178 100
179 16.4 12.5 18.7
176 18.4 15.0 22.6





#19
Fluoranthene
Concen: 27.919 ng/ul m
RT: 19.073 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

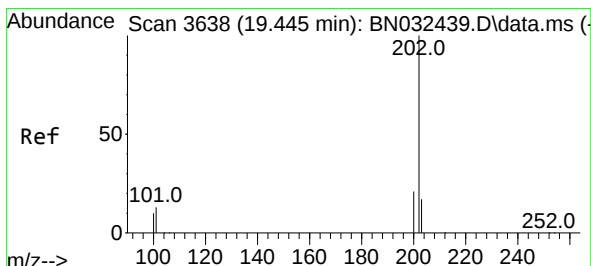
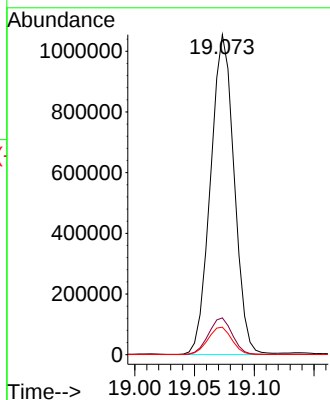
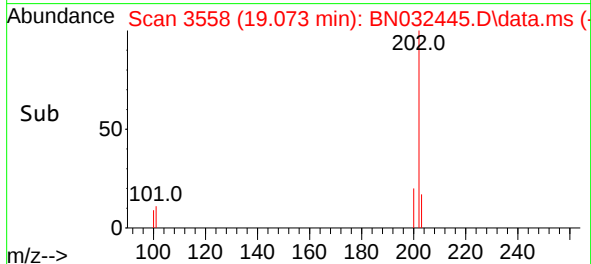
Instrument :
BNA_N
ClientSampleId :
A4CQ9



Tgt Ion:202 Resp: 144936
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.6 6.4 9.6

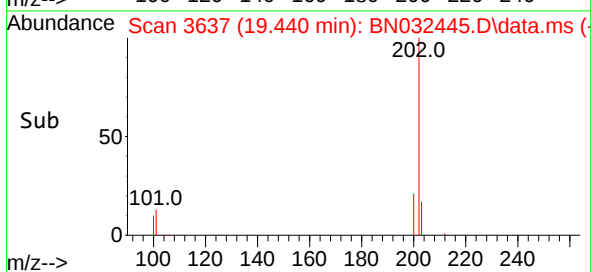
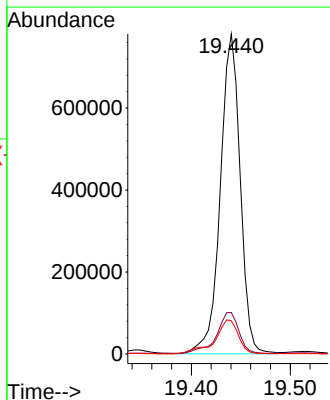
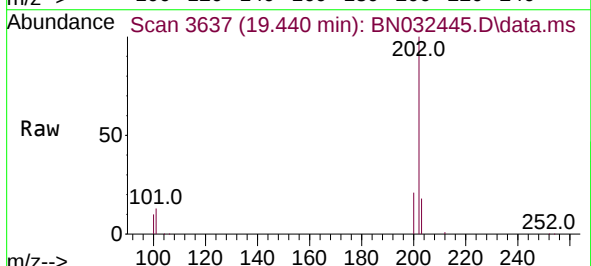
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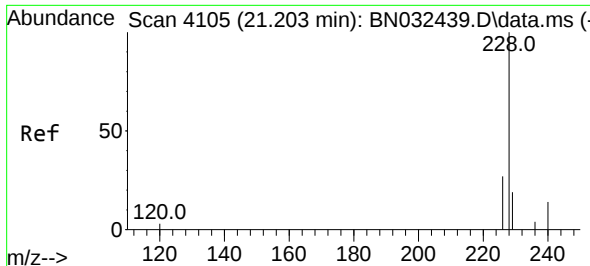
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 20.100 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

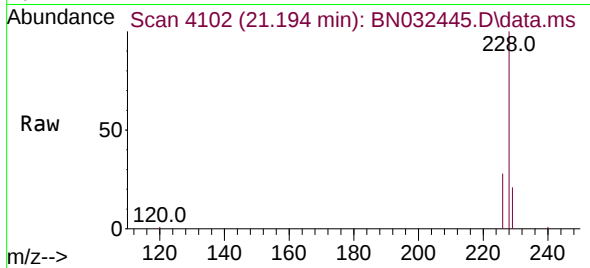
Tgt Ion:202 Resp: 1090436
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.4 8.7 13.1





#21
Benzo(a)anthracene
Concen: 13.409 ng/ul m
RT: 21.194 min Scan# 4105
Delta R.T. 0.003 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

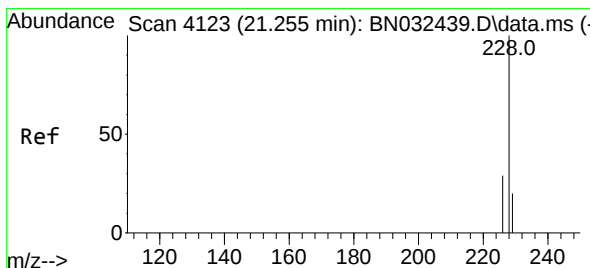
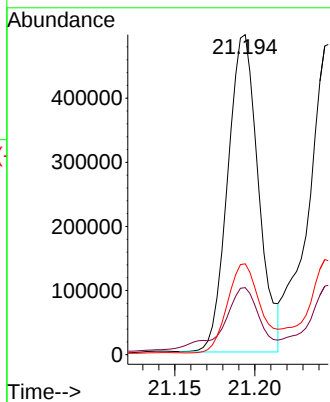
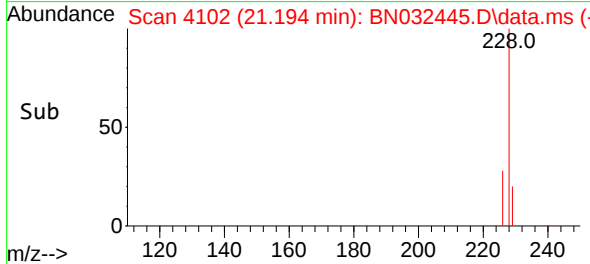
Instrument :
BNA_N
ClientSampleId :
A4CQ9



Tgt Ion:228 Resp: 659815
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.4 21.8 32.8

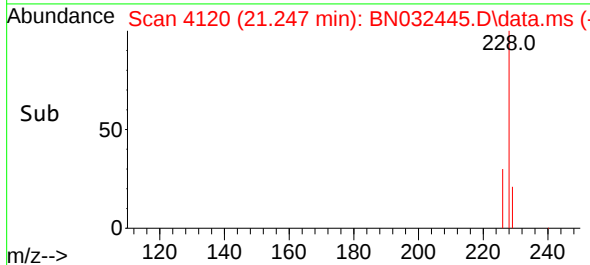
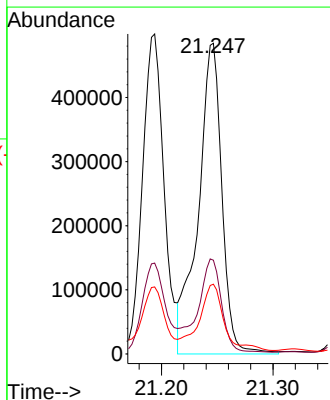
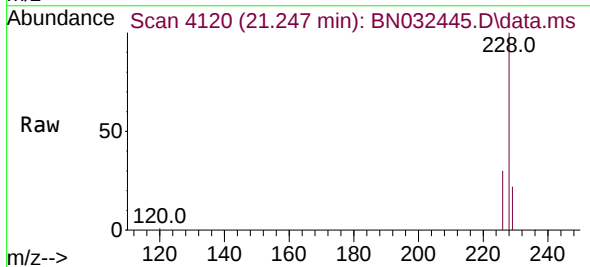
Manual Integrations
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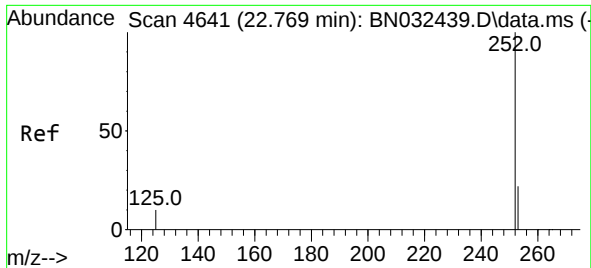
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 13.240 ng/ul m
RT: 21.247 min Scan# 4120
Delta R.T. 0.003 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

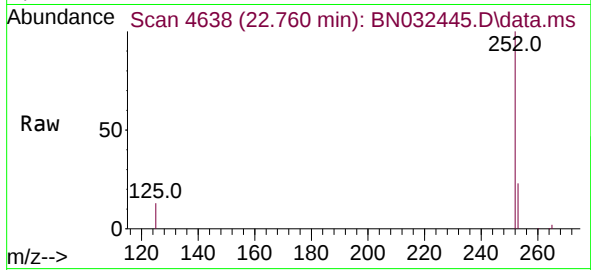
Tgt Ion:228 Resp: 715026
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 22.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 10.991 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

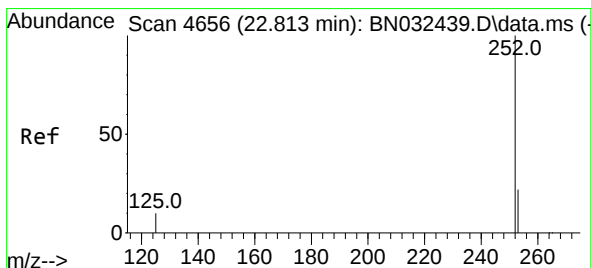
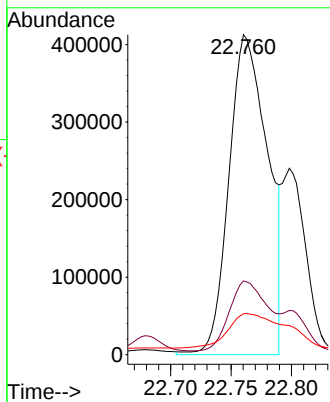
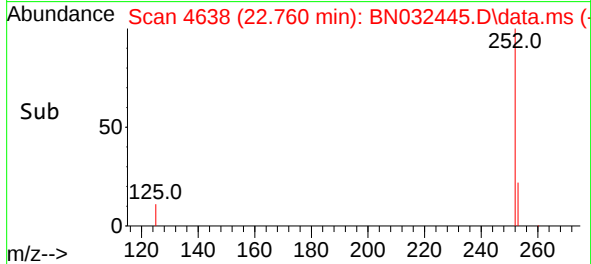
Instrument :
BNA_N
ClientSampleId :
A4CQ9



Tgt Ion:252 Resp: 919464
Ion Ratio Lower Upper
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253 23.1 0.0 50.2
125 12.8 0.0 32.0

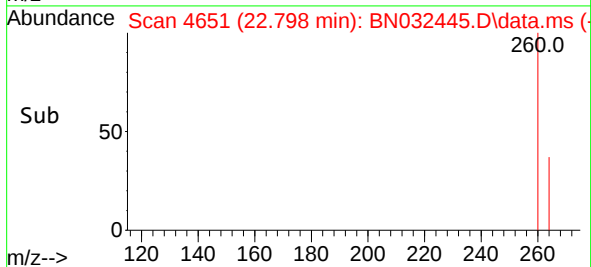
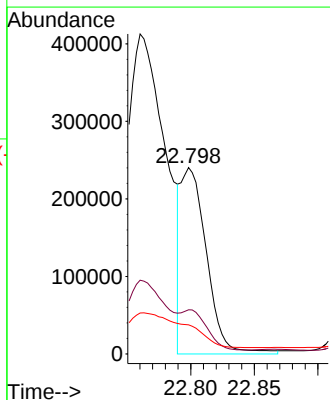
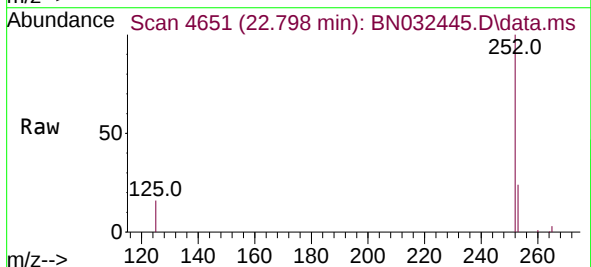
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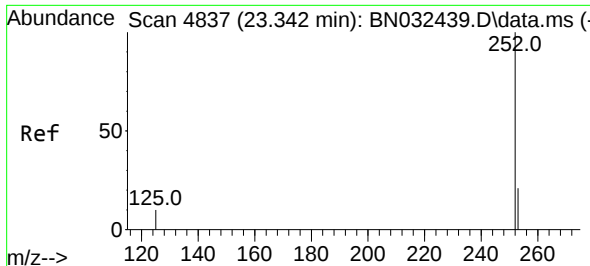
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 4.177 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.003 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

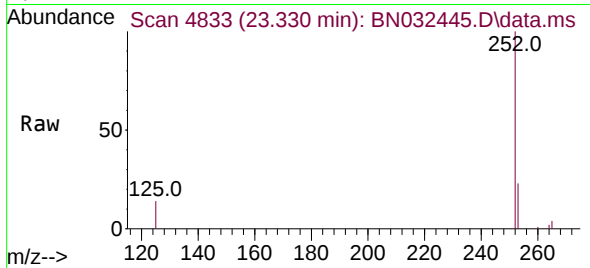
Tgt Ion:252 Resp: 339536
Ion Ratio Lower Upper
252 100
253 23.7 20.3 30.5
125 15.6 12.8 19.2





#26
Benzo(a)pyrene
Concen: 7.048 ng/ul m
RT: 23.330 min Scan# 4837
Delta R.T. 0.003 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

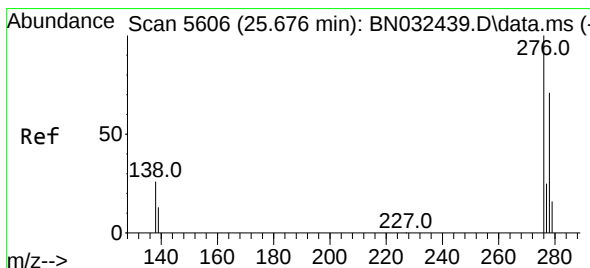
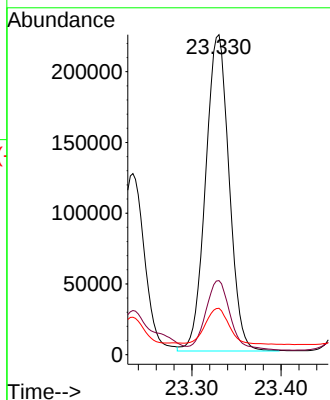
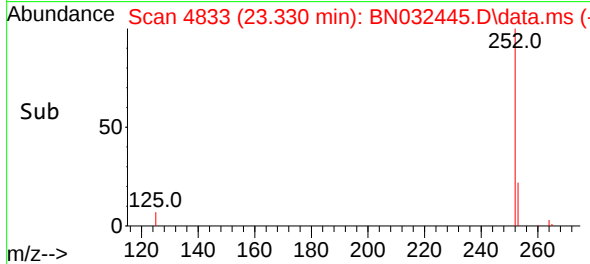
Instrument :
BNA_N
ClientSampleId :
A4CQ9



Tgt Ion:252 Resp: 410215
Ion Ratio Lower Upper
252 100
253 23.2 22.2 33.2
125 14.5 16.4 24.6

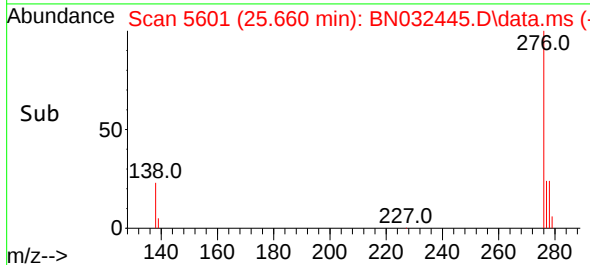
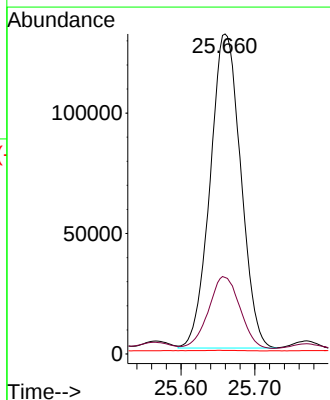
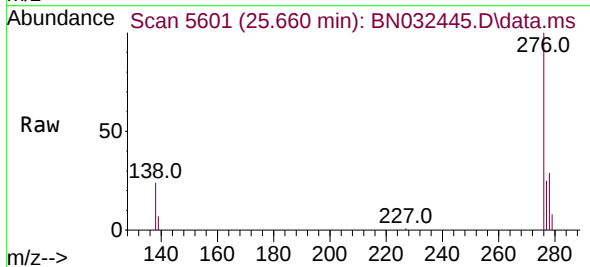
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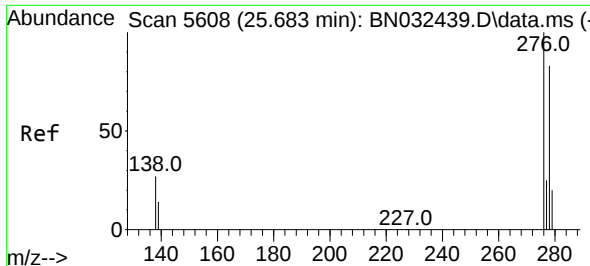
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.120 ng/ul m
RT: 25.660 min Scan# 5601
Delta R.T. 0.000 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

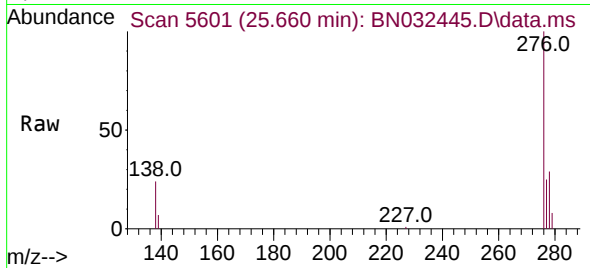
Tgt Ion:276 Resp: 375508
Ion Ratio Lower Upper
276 100
138 1.8 21.3 31.9#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.992 ng/ul m
RT: 25.660 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

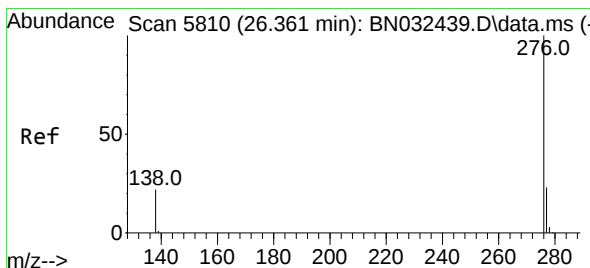
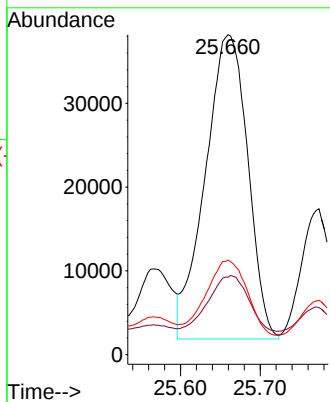
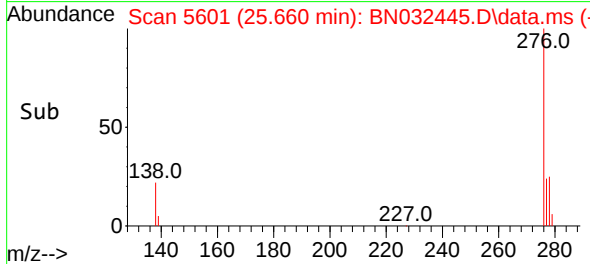
Instrument :
BNA_N
ClientSampleId :
A4CQ9



Tgt Ion:278 Resp: 134854
Ion Ratio Lower Upper
278 100
139 24.2 15.9 23.9#
279 29.5 21.1 31.7

Manual Integrations
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.765 ng/ul m
RT: 26.347 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN032445.D
Acq: 03 Jul 2024 20:35

Tgt Ion:276 Resp: 55521
Ion Ratio Lower Upper
276 100
138 31.4 19.8 29.6#
277 31.1 19.8 29.6#

