

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033001.D
 Acq On : 26 Jul 2024 17:38
 Operator : MA/JU
 Sample : P3264-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Jul 26 18:05:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.507	152	3161	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.273	136	11457	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.157	164	6955	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.916	188	15785m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.140	240	14512m	0.400	ng/ul	-0.02
23) Perylene-d12	23.326	264	15304m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.065	96	11248	2.813	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.895	152	3013	0.161	ng/ul	-0.02
18) Fluoranthene-d10	18.963	212	8069	0.196	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.322	128	4344	0.148	ng/ul	99
7) 2-Methylnaphthalene	11.972	142	1548	0.078	ng/ul	99
8) 1-Methylnaphthalene	12.192	142	1392	0.065	ng/ul	98
10) Acenaphthylene	13.875	152	5936	0.209	ng/ul	97
11) Acenaphthene	14.217	153	6374	0.298	ng/ul	100
12) Fluorene	15.216	166	8276	0.332	ng/ul	100
15) Phenanthrene	16.958	178	131502m	3.106	ng/ul	
16) Anthracene	17.051	178	16126m	0.424	ng/ul	
19) Fluoranthene	18.991	202	195425	4.090	ng/ul	98
20) Pyrene	19.358	202	163417	3.189	ng/ul	97
21) Benzo(a)anthracene	21.125	228	87236	1.762	ng/ul	98
22) Chrysene	21.177	228	80794	1.399	ng/ul	99
24) Benzo(b)fluoranthene	22.671	252	112907m	2.526	ng/ul	
25) Benzo(k)fluoranthene	22.709	252	39573m	0.739	ng/ul	
26) Benzo(a)pyrene	23.226	252	86214	2.049	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.527	276	57673	0.901	ng/ul	90
28) Dibenzo(a,h)anthracene	25.520	278	12854	0.253	ng/ul	96
29) Benzo(g,h,i)perylene	26.201	276	56782	1.117	ng/ul	93

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

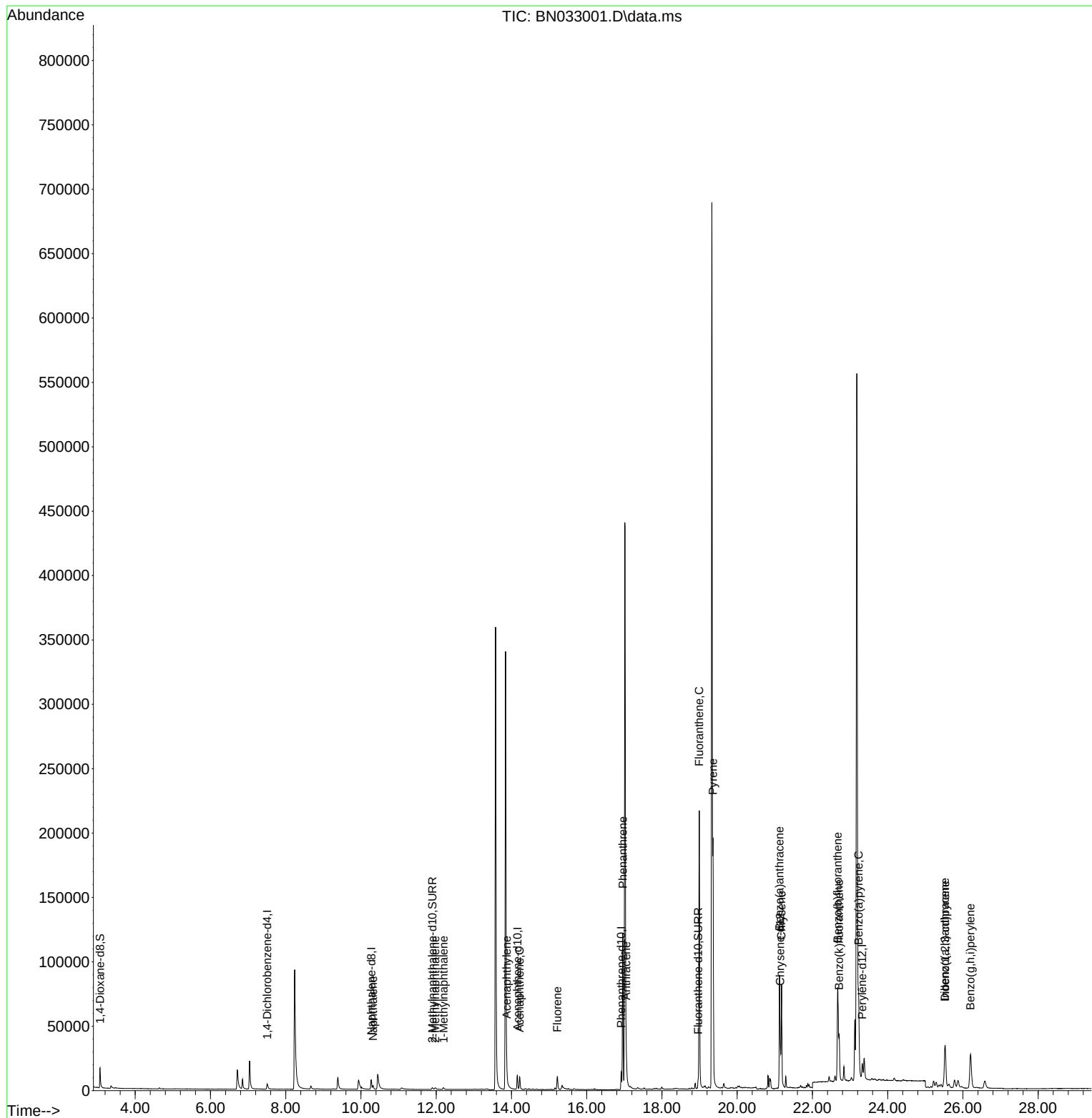
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033001.D
Acq On : 26 Jul 2024 17:38
Operator : MA/JU
Sample : P3264-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

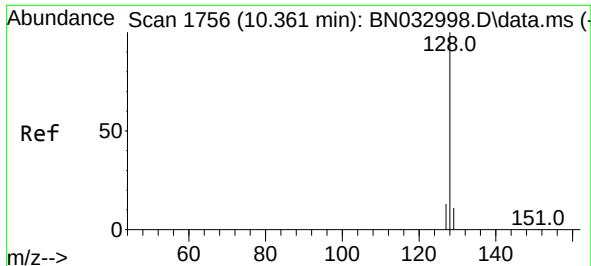
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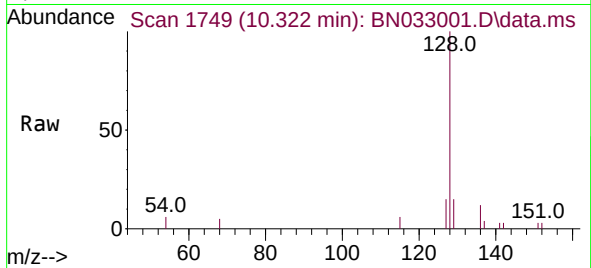
Quant Time: Jul 26 18:05:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.148 ng/ul
RT: 10.322 min Scan# 1756
Delta R.T. -0.027 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38

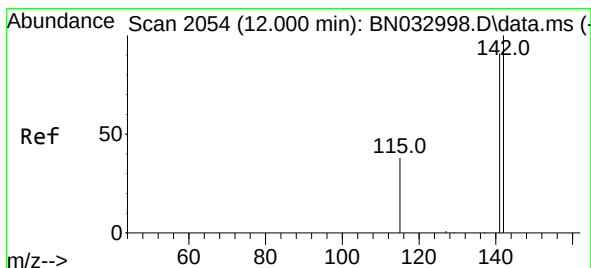
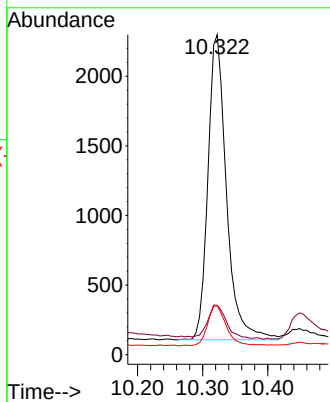
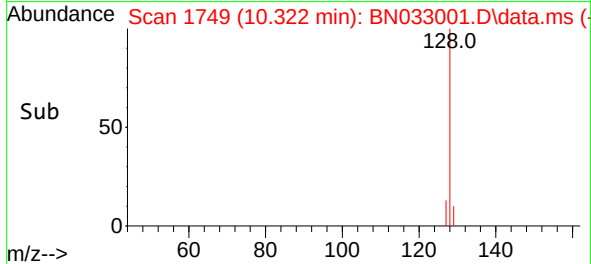
Instrument :
BNA_N
ClientSampleId :
A4CN0



Tgt Ion:128 Resp: 4344
Ion Ratio Lower Upper
128 100
129 15.4 12.0 18.0
127 15.3 12.7 19.1

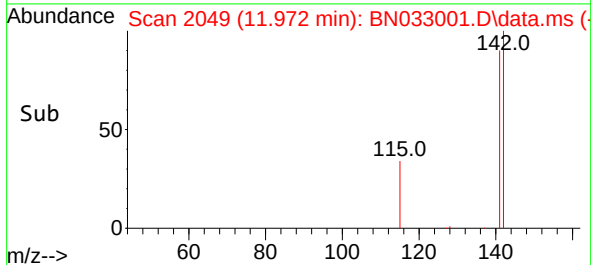
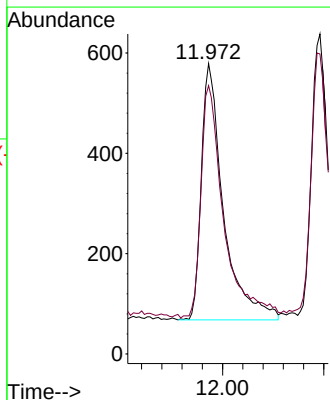
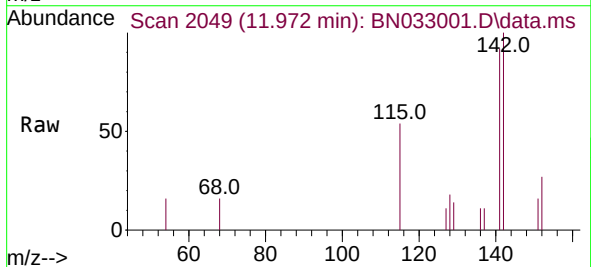
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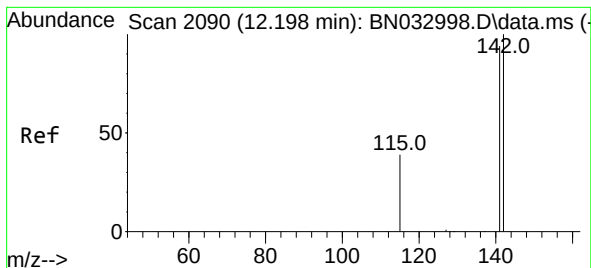
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 11.972 min Scan# 2049
Delta R.T. -0.011 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38

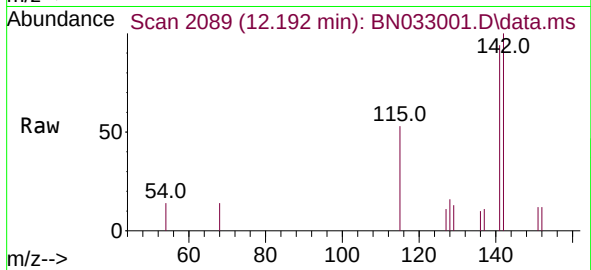
Tgt Ion:142 Resp: 1548
Ion Ratio Lower Upper
142 100
141 93.4 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.192 min Scan# 2089
Delta R.T. -0.005 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38

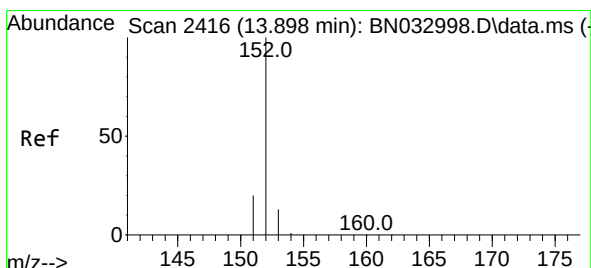
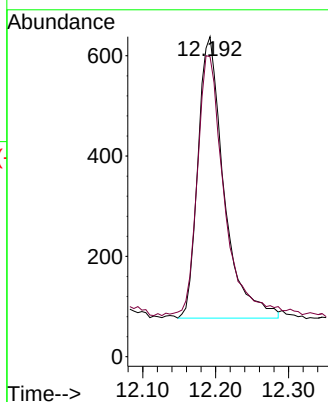
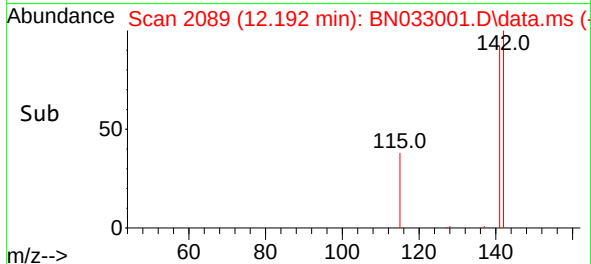
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1392
Ion Ratio Lower Upper
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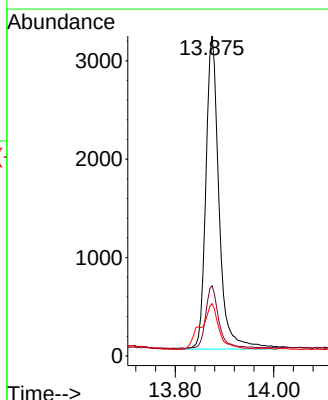
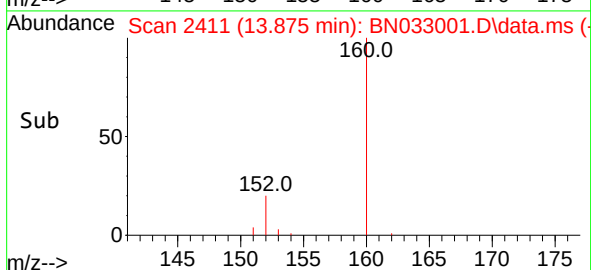
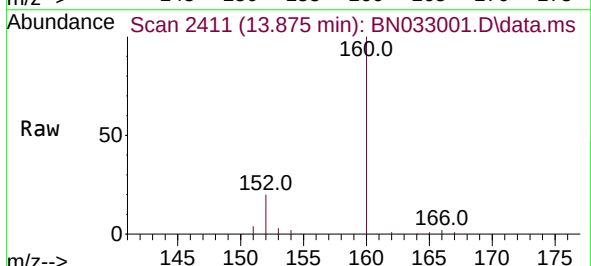
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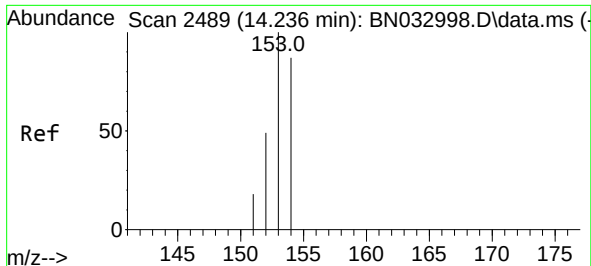
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Acenaphthylene
Concen: 0.209 ng/ul
RT: 13.875 min Scan# 2411
Delta R.T. -0.023 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38

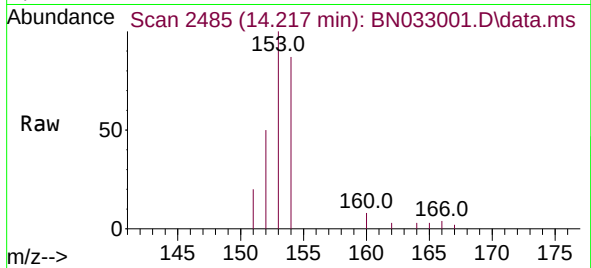
Tgt Ion:152 Resp: 5936
Ion Ratio Lower Upper
152 100
151 21.9 16.8 25.2
153 16.3 11.9 17.9





#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.217 min Scan# 2485
Delta R.T. -0.018 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38

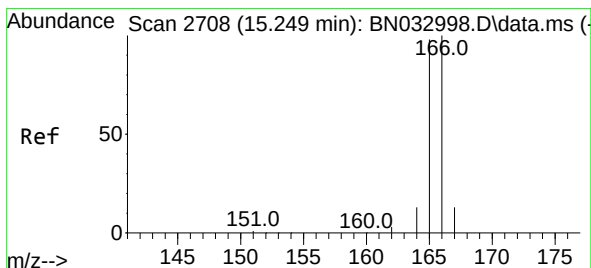
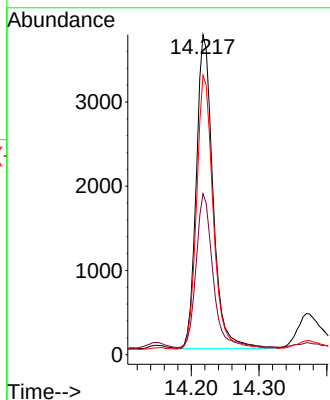
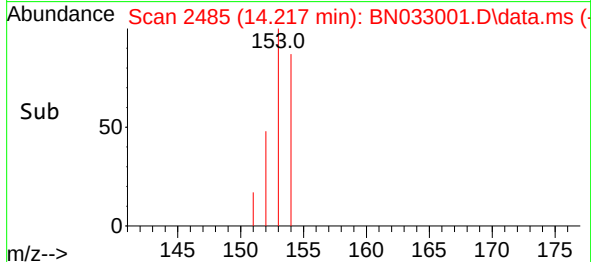
Instrument :
BNA_N
ClientSampleId :
A4CN0



Tgt Ion:153 Resp: 6374
Ion Ratio Lower Upper
153 100
152 50.3 40.0 60.0
154 87.3 70.1 105.1

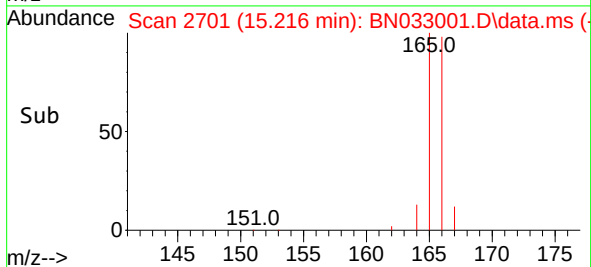
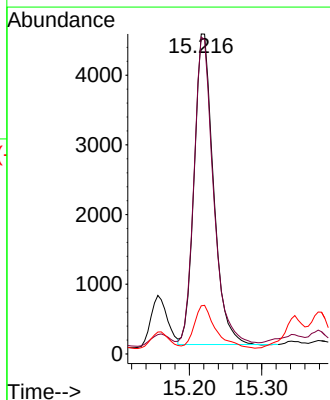
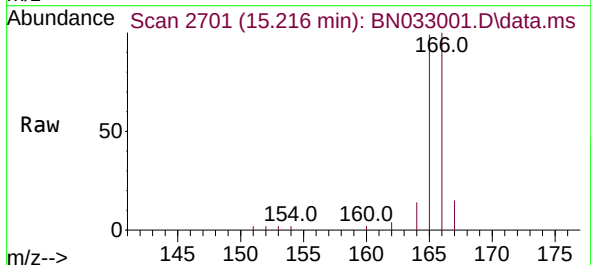
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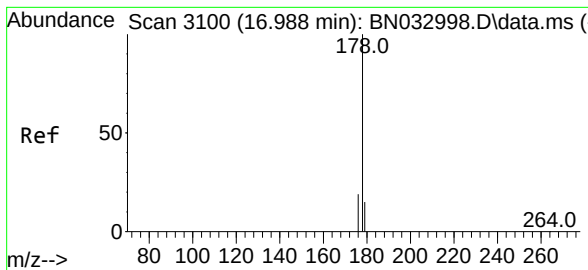
Reviewed By :Jagrut Upadhyay 07/29/2024
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#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.216 min Scan# 2701
Delta R.T. -0.028 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38

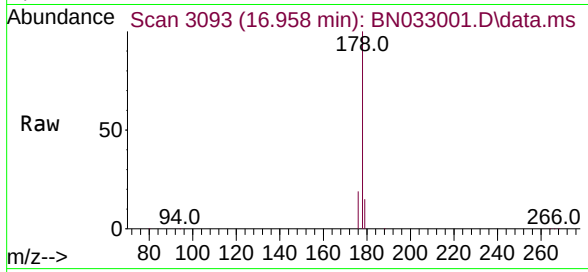
Tgt Ion:166 Resp: 8276
Ion Ratio Lower Upper
166 100
165 99.1 79.6 119.4
167 15.0 12.2 18.4





#15
 Phenanthrene
 Concen: 3.106 ng/ul m
 RT: 16.958 min Scan# 3093
 Delta R.T. -0.029 min
 Lab File: BN033001.D
 Acq: 26 Jul 2024 17:38

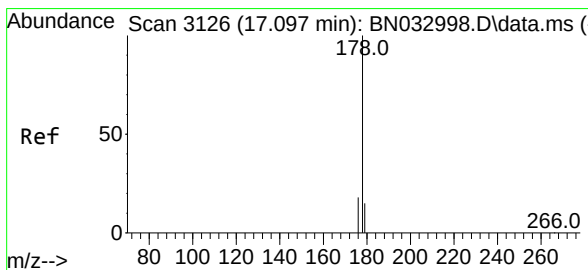
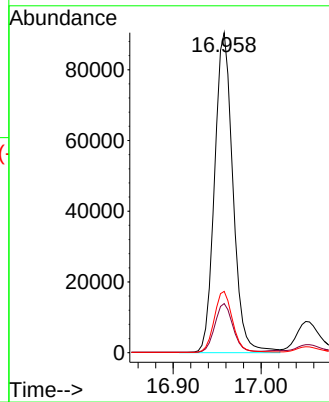
Instrument :
 BNA_N
 ClientSampleId :
 A4CN0



Tgt Ion:178 Resp: 131502
 Ion Ratio Lower Upper
 178 100
 179 15.4 13.7 20.5
 176 19.1 15.9 23.9

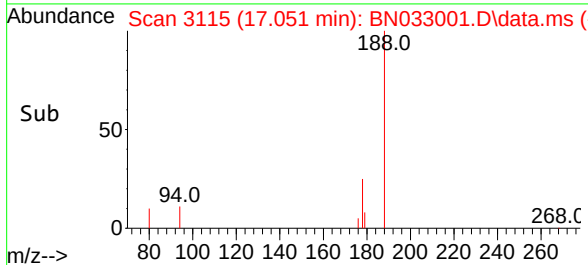
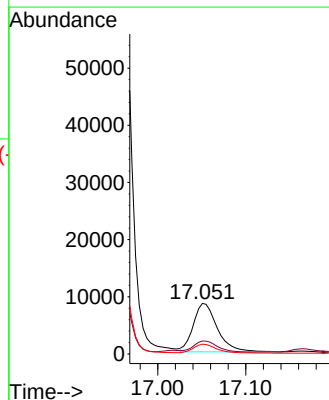
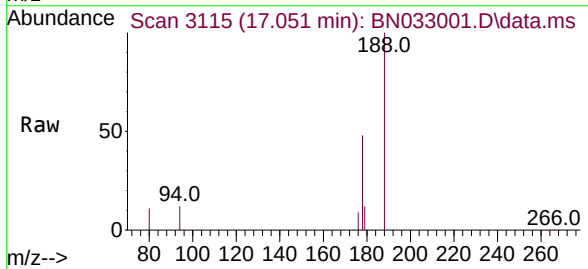
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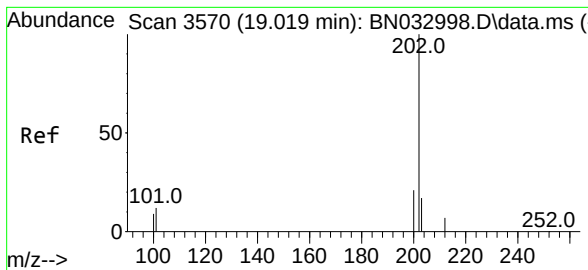
Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 08/13/2024



#16
 Anthracene
 Concen: 0.424 ng/ul m
 RT: 17.051 min Scan# 3115
 Delta R.T. -0.034 min
 Lab File: BN033001.D
 Acq: 26 Jul 2024 17:38

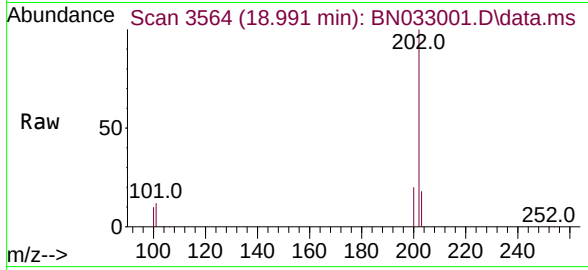
Tgt Ion:178 Resp: 16126
 Ion Ratio Lower Upper
 178 100
 179 25.8 14.3 21.5#
 176 19.2 15.8 23.8





#19
Fluoranthene
Concen: 4.090 ng/u1
RT: 18.991 min Scan# 3564
Delta R.T. -0.023 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38

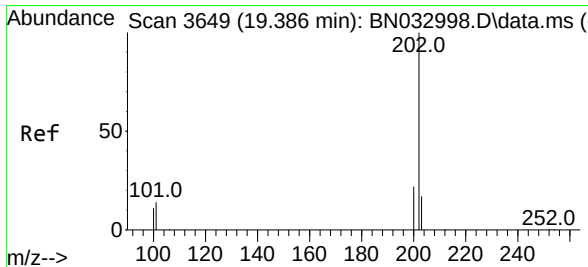
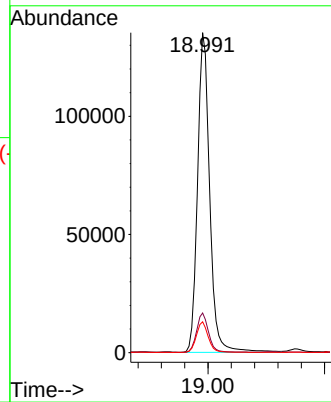
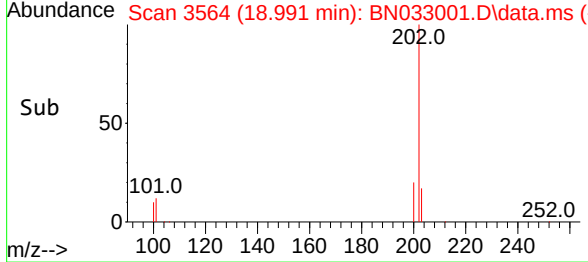
Instrument :
BNA_N
ClientSampleId :
A4CN0



Tgt Ion:202 Resp: 195425
Ion Ratio Lower Upper
202 100
101 12.4 10.7 16.1
100 9.6 8.3 12.5

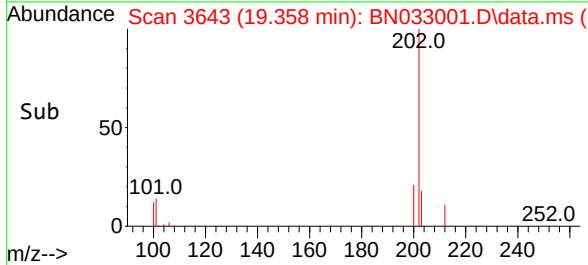
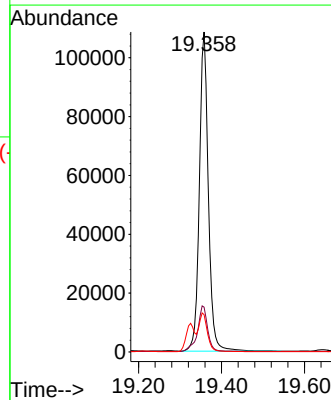
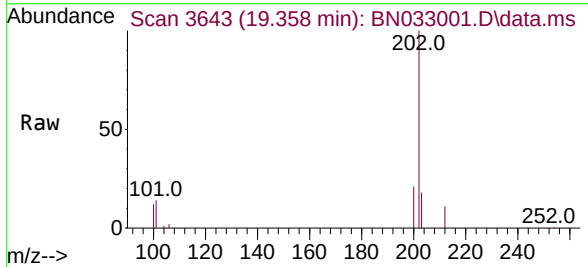
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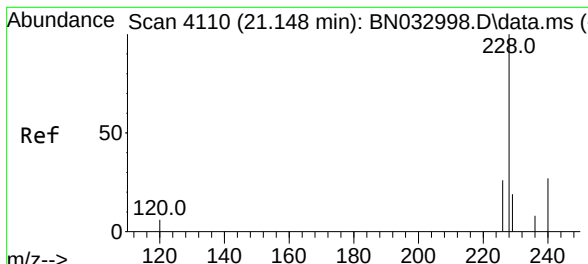
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#20
Pyrene
Concen: 3.189 ng/u1
RT: 19.358 min Scan# 3643
Delta R.T. -0.023 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38

Tgt Ion:202 Resp: 163417
Ion Ratio Lower Upper
202 100
101 14.0 12.6 18.8
100 11.7 9.9 14.9





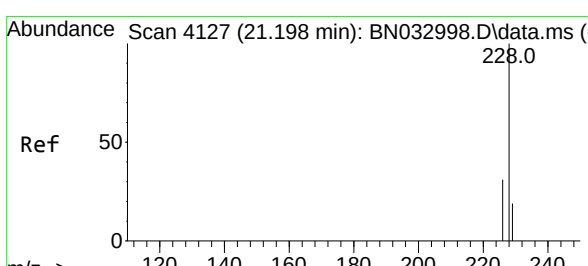
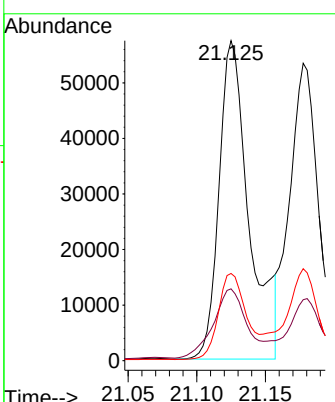
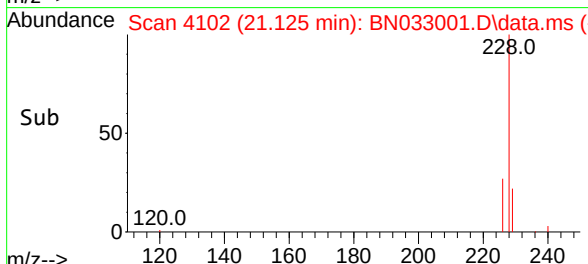
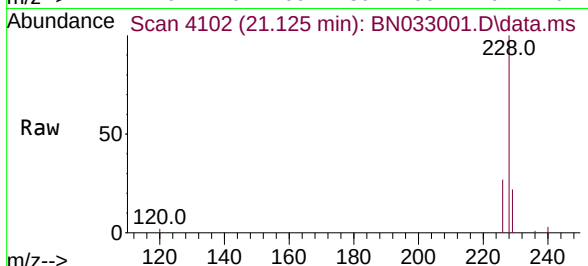
#21
 Benzo(a)anthracene
 Concen: 1.762 ng/uI
 RT: 21.125 min Scan# 4110
 Delta R.T. -0.020 min
 Lab File: BN033001.D
 Acq: 26 Jul 2024 17:38

Instrument : BNA_N
 ClientSampleId : A4CN0

Tgt Ion:228 Resp: 87230

Ion	Ratio	Lower	Upper
228	100		
229	22.5	17.1	25.7
226	27.3	22.4	33.6

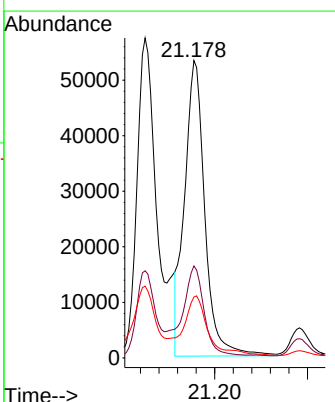
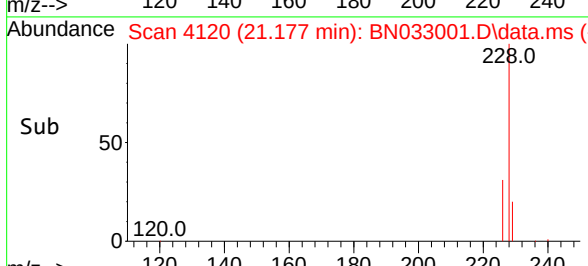
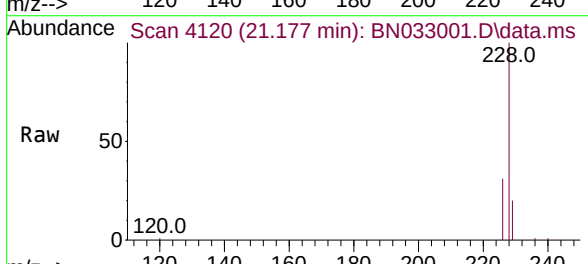
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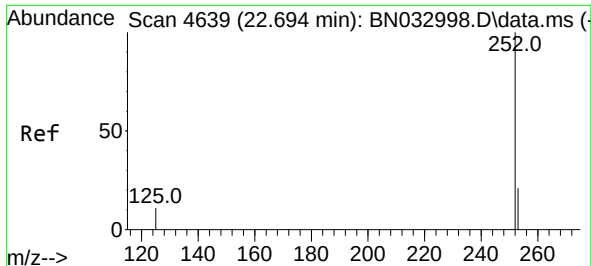


#22
 Chrysene
 Concen: 1.399 ng/uI
 RT: 21.177 min Scan# 4120
 Delta R.T. -0.017 min
 Lab File: BN033001.D
 Acq: 26 Jul 2024 17:38

Tgt Ion:228 Resp: 80794

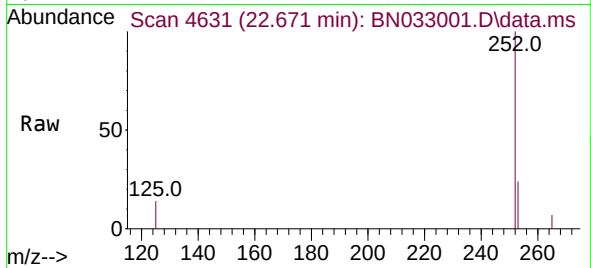
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	20.5	17.0	25.6





#24
Benzo(b)fluoranthene
Concen: 2.526 ng/ul m
RT: 22.671 min Scan# 4631
Delta R.T. -0.023 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38

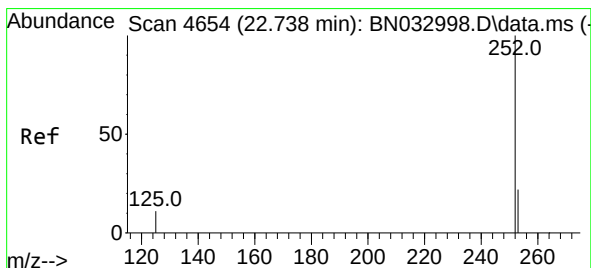
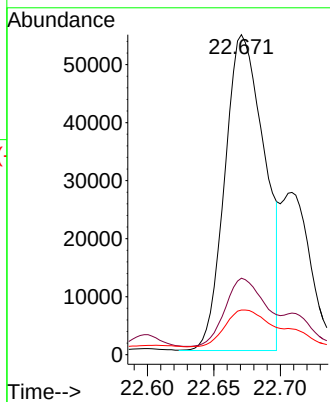
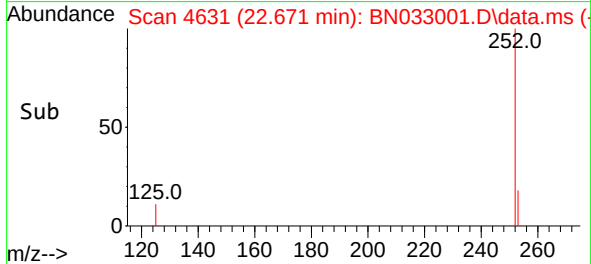
Instrument :
BNA_N
ClientSampleId :
A4CN0



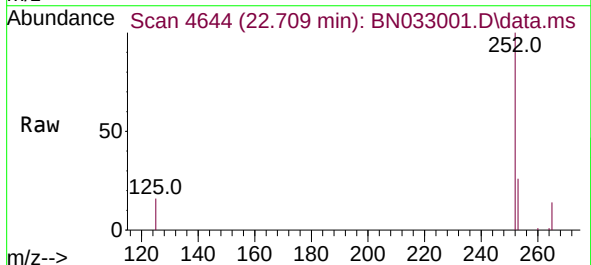
Tgt Ion:252 Resp: 11290
Ion Ratio Lower Upper
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253 23.9 0.0 60.6
125 14.0 0.0 51.0

Manual Integrations
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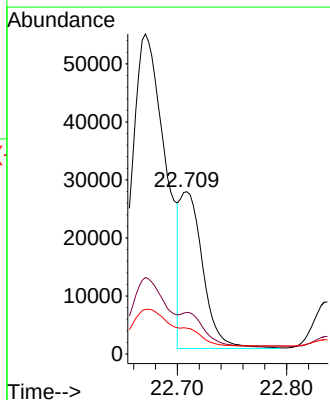
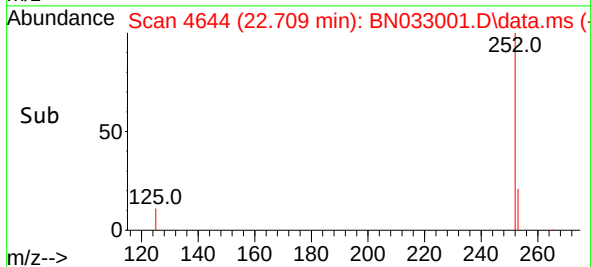
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024

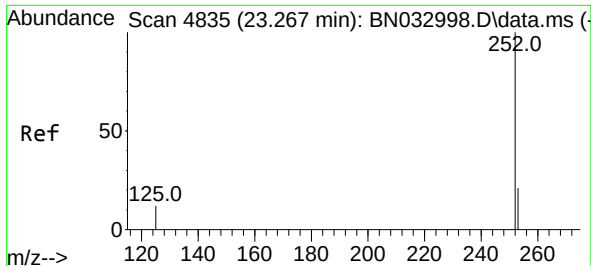


#25
Benzo(k)fluoranthene
Concen: 0.739 ng/ul m
RT: 22.709 min Scan# 4644
Delta R.T. -0.026 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38



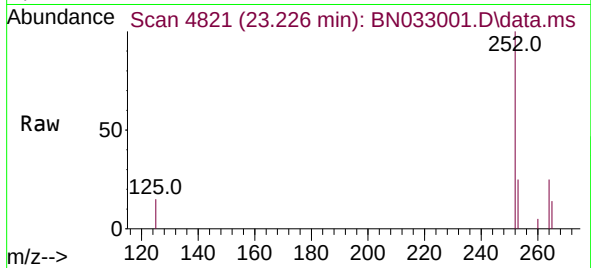
Tgt Ion:252 Resp: 39573
Ion Ratio Lower Upper
252 100
253 25.6 24.9 37.3
125 15.8 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 2.049 ng/ul
RT: 23.226 min Scan# 4821
Delta R.T. -0.035 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38

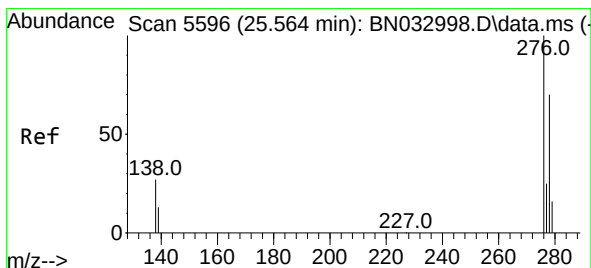
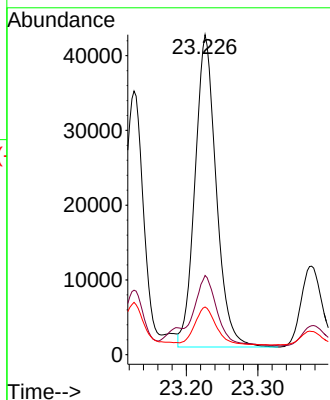
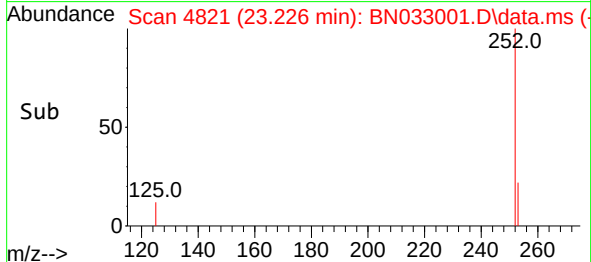
Instrument :
BNA_N
ClientSampleId :
A4CN0



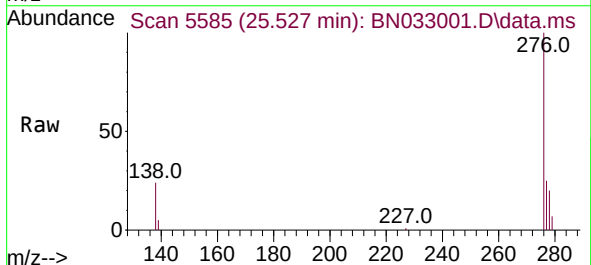
Tgt Ion:252 Resp: 86214
Ion Ratio Lower Upper
252 100
253 24.7 27.5 41.3
125 14.9 27.0 40.6

Manual Integrations
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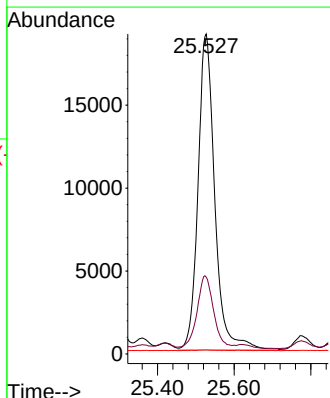
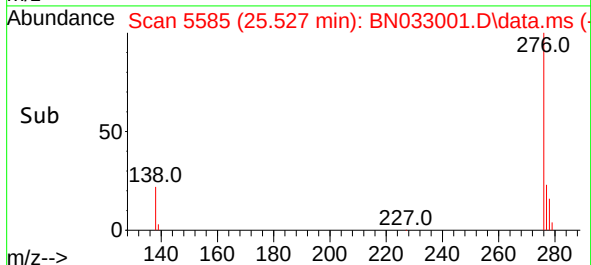
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024

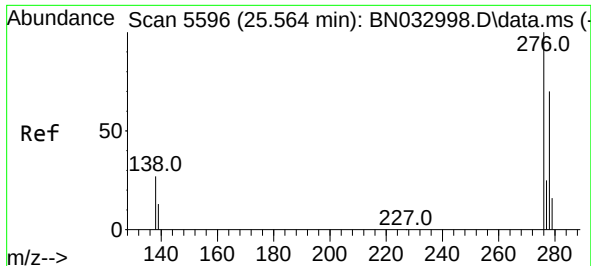


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.901 ng/ul
RT: 25.527 min Scan# 5585
Delta R.T. -0.033 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38



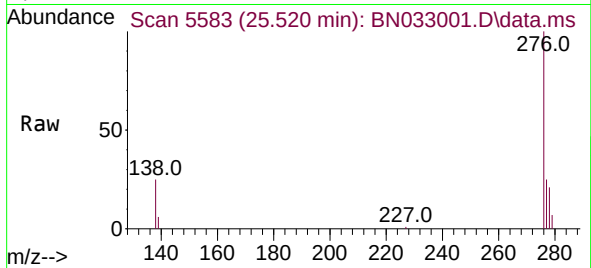
Tgt Ion:276 Resp: 57673
Ion Ratio Lower Upper
276 100
138 22.2 21.8 32.8
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.253 ng/ul
RT: 25.520 min Scan# 51
Delta R.T. -0.040 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38

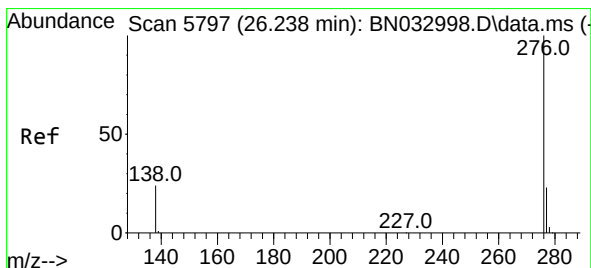
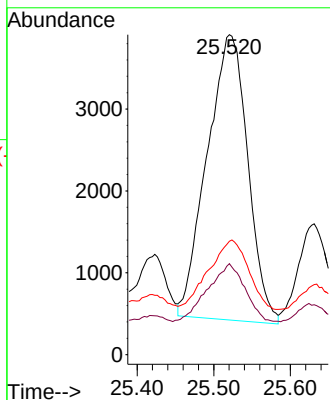
Instrument :
BNA_N
ClientSampleId :
A4CN0



Tgt Ion:278 Resp: 12854
Ion Ratio Lower Upper
278 100
139 28.4 22.5 33.7
279 35.4 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#29
Benzo(g,h,i)perylene
Concen: 1.117 ng/ul
RT: 26.201 min Scan# 5786
Delta R.T. -0.040 min
Lab File: BN033001.D
Acq: 26 Jul 2024 17:38

Tgt Ion:276 Resp: 56782
Ion Ratio Lower Upper
276 100
138 25.6 24.6 37.0
277 25.8 22.6 34.0

