

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032290.D
 Acq On : 27 Jun 2024 21:18
 Operator : MA/JU
 Sample : P2909-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B43

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 28 00:27:52 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	7896	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	22515	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	12193	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	25063m	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	18453m	0.400	ng/ul	0.00
23) Perylene-d12	23.436	264	21961m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	27182	3.097	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	6502	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	12423m	0.224	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.442	128	8812	0.148	ng/ul	96
7) 2-Methylnaphthalene	12.065	142	3378	0.086	ng/ul	99
8) 1-Methylnaphthalene	12.290	142	2781	0.068	ng/ul	99
10) Acenaphthylene	13.985	152	13226	0.261	ng/ul	97
11) Acenaphthene	14.327	153	16339	0.415	ng/ul	99
12) Fluorene	15.317	166	17602	0.375	ng/ul	99
15) Phenanthrene	17.058	178	361057m	5.255	ng/ul	
16) Anthracene	17.151	178	78387m	1.279	ng/ul	
19) Fluoranthene	19.083	202	644268m	9.169	ng/ul	
20) Pyrene	19.450	202	564764m	7.691	ng/ul	
21) Benzo(a)anthracene	21.203	228	295666m	4.439	ng/ul	
22) Chrysene	21.252	228	318077m	4.351	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	405329m	4.248	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	148224m	1.599	ng/ul	
26) Benzo(a)pyrene	23.339	252	283051m	4.264	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.670	276	203719m	1.960	ng/ul	
28) Dibenzo(a,h)anthracene	25.676	278	52964m	0.686	ng/ul	
29) Benzo(g,h,i)perylene	26.361	276	204631m	2.472	ng/ul	

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

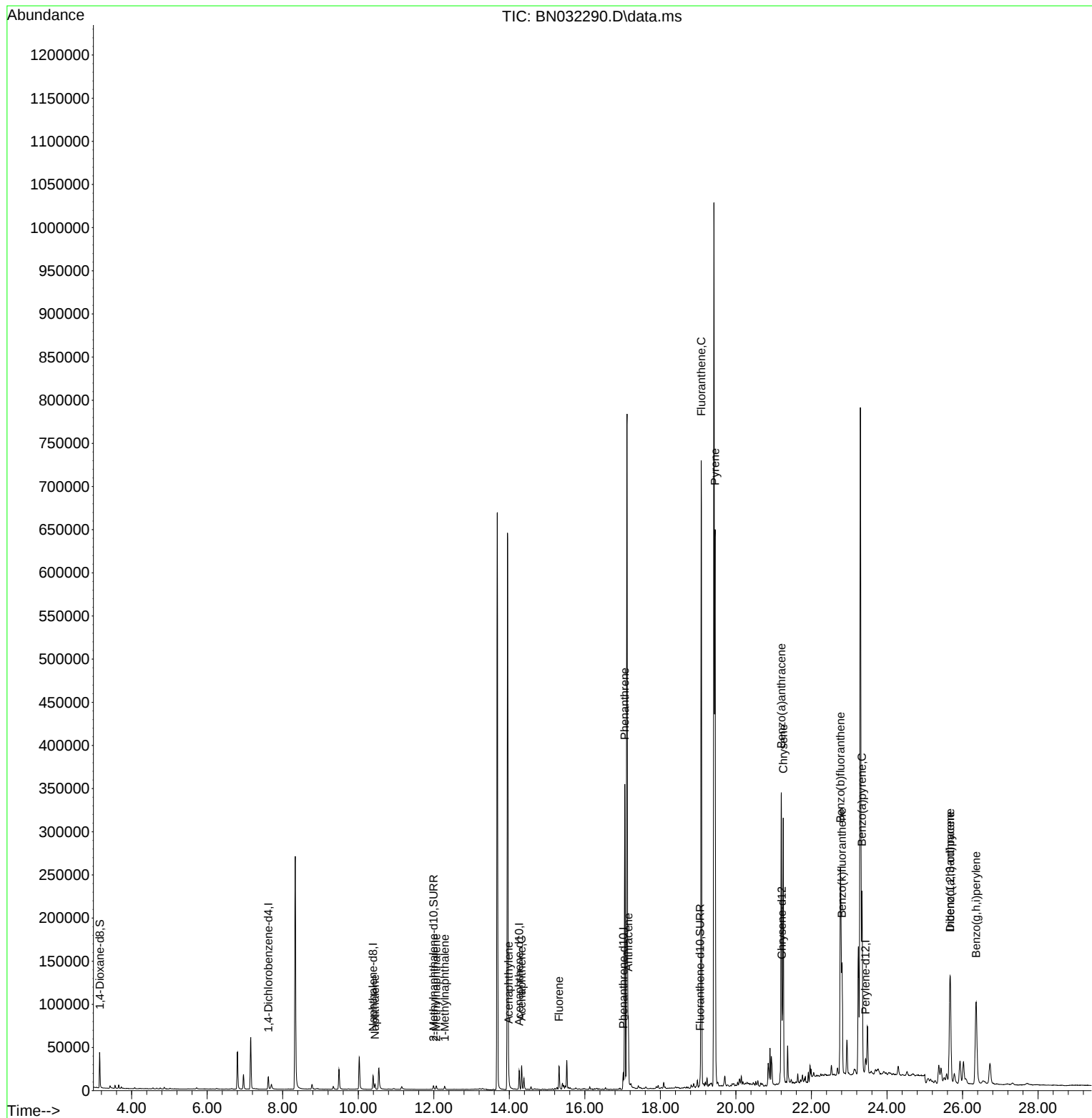
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
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ALS Vial : 19 Sample Multiplier: 1

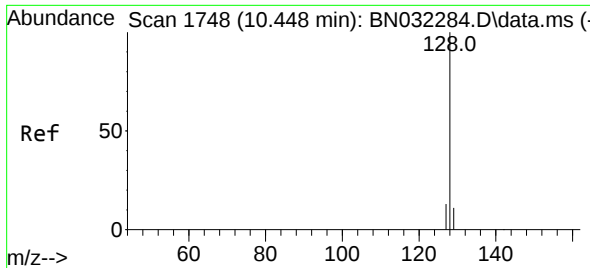
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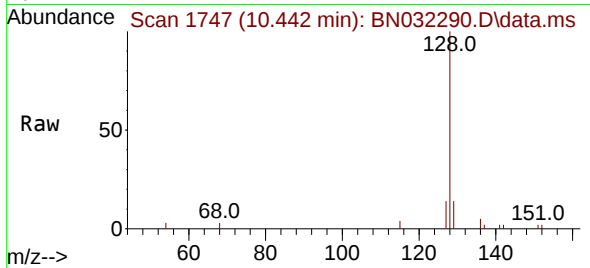
Quant Time: Jun 28 00:27:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#5
Naphthalene
Concen: 0.148 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

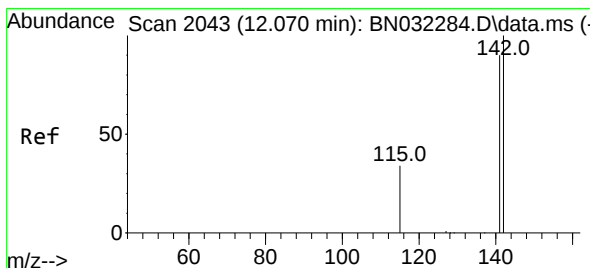
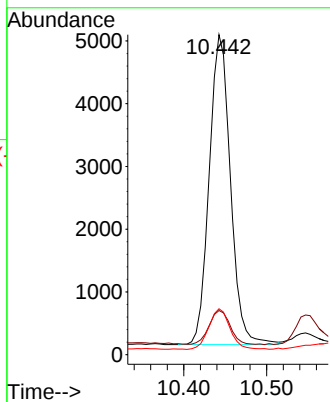
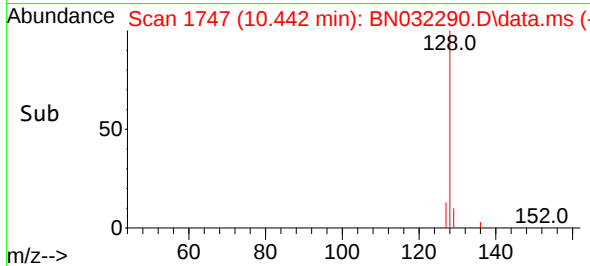
Instrument :
BNA_N
ClientSampleId :
A4B43



Tgt Ion:128 Resp: 8812
Ion Ratio Lower Upper
128 100
129 13.8 9.2 13.8
127 14.3 10.8 16.2

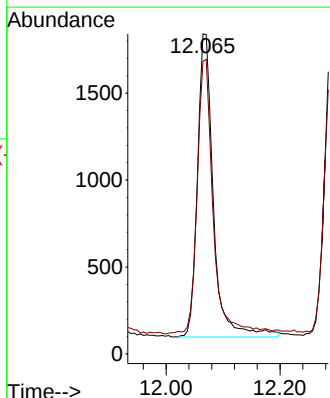
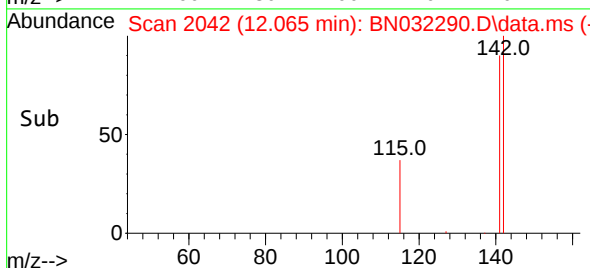
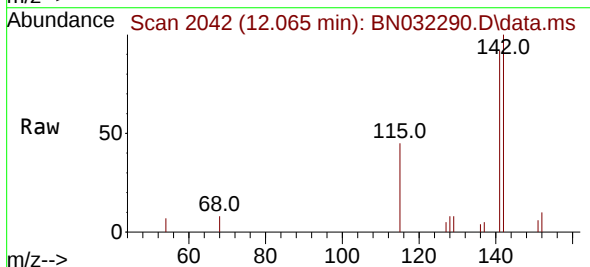
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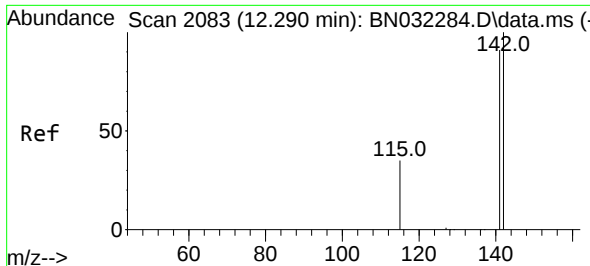
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

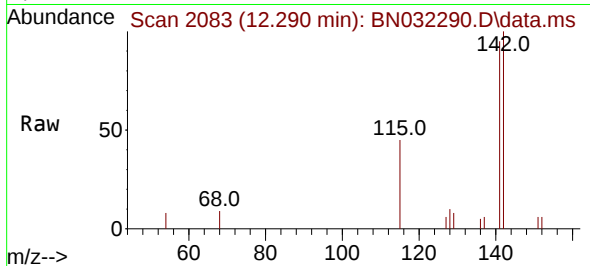
Tgt Ion:142 Resp: 3378
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.290 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

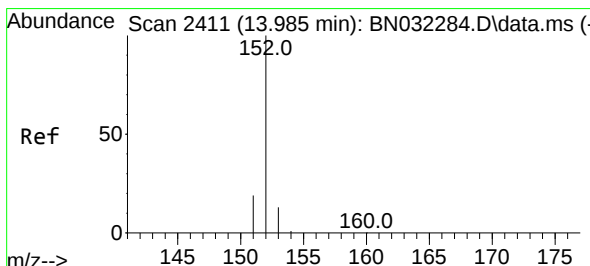
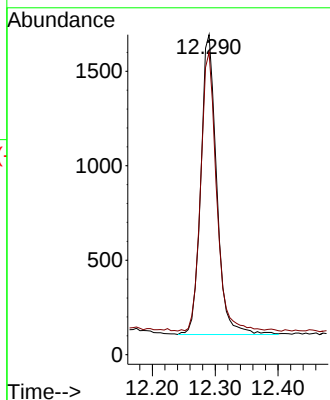
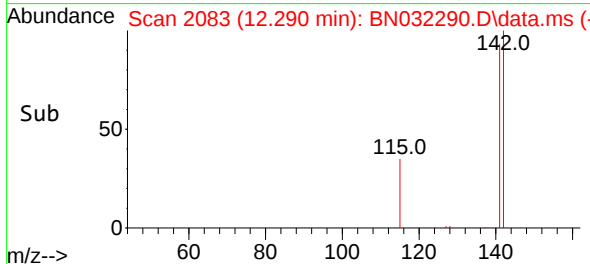
Instrument :
BNA_N
ClientSampleId :
A4B43



Tgt Ion:142 Resp: 278
Ion Ratio Lower Upper
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141 92.8 73.4 110.0

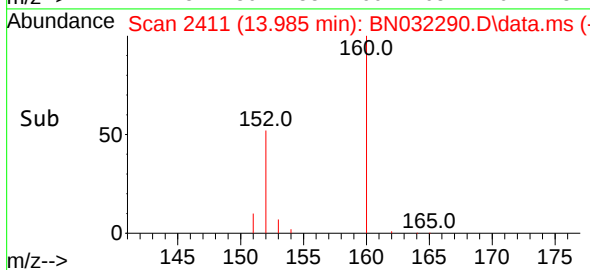
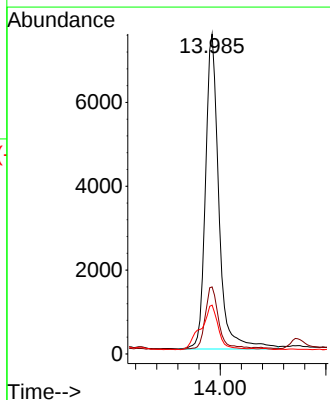
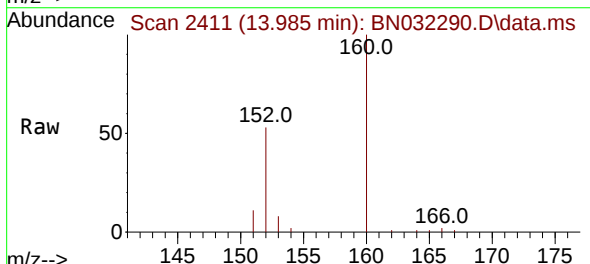
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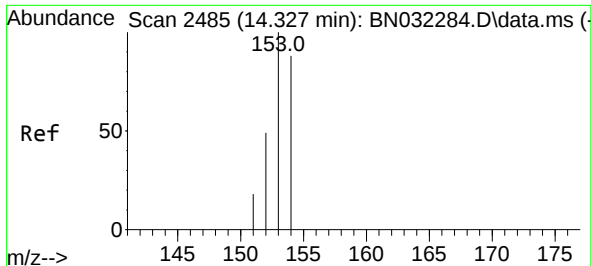
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#10
Acenaphthylene
Concen: 0.261 ng/ul
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

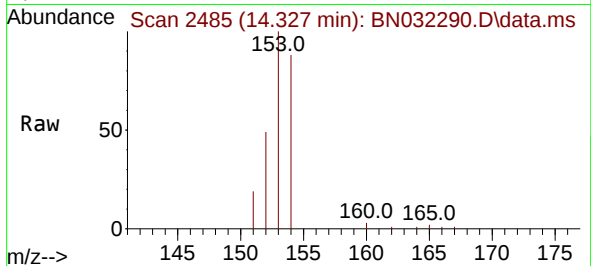
Tgt Ion:152 Resp: 13226
Ion Ratio Lower Upper
152 100
151 21.0 15.7 23.5
153 15.2 10.9 16.3





#11
Acenaphthene
Concen: 0.415 ng/u1
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

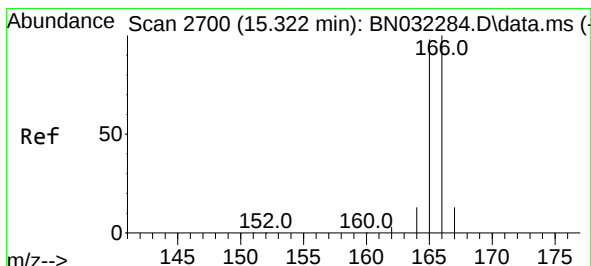
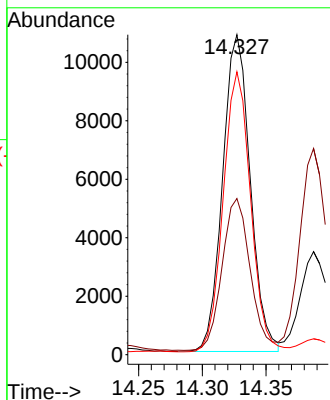
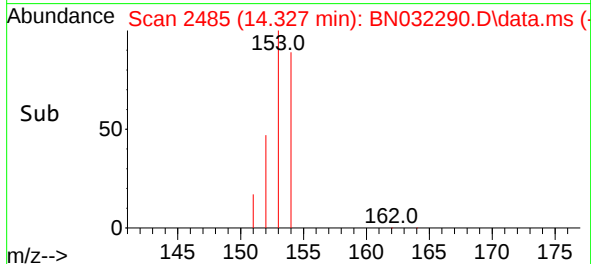
Instrument :
BNA_N
ClientSampleId :
A4B43



Tgt Ion:153 Resp: 16339
Ion Ratio Lower Upper
153 100
152 48.8 39.5 59.3
154 88.4 71.7 107.5

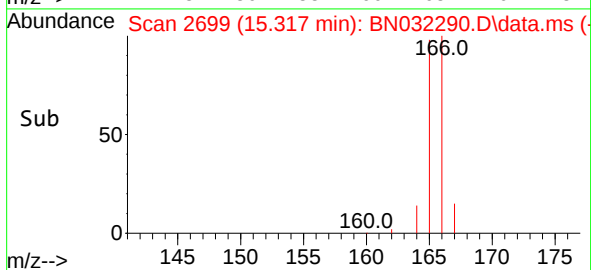
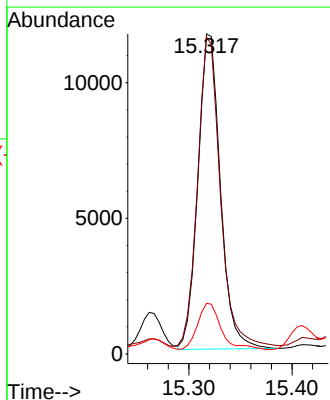
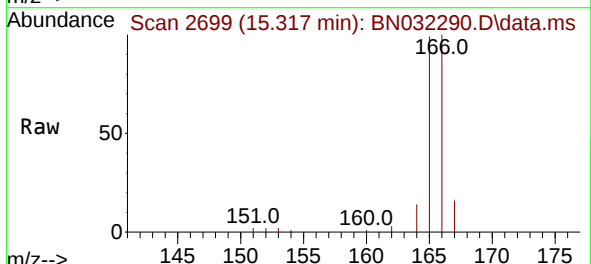
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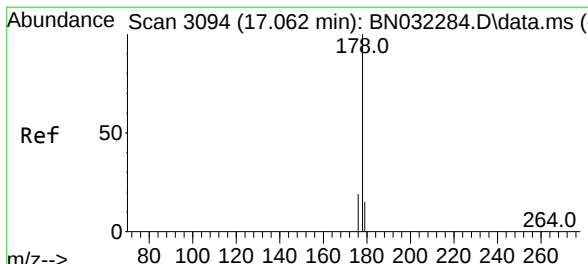
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#12
Fluorene
Concen: 0.375 ng/u1
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

Tgt Ion:166 Resp: 17602
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.6
167 15.8 11.0 16.6





#15
 Phenanthrene
 Concen: 5.255 ng/ul m
 RT: 17.058 min Scan# 3093
 Delta R.T. -0.009 min
 Lab File: BN032290.D
 Acq: 27 Jun 2024 21:18

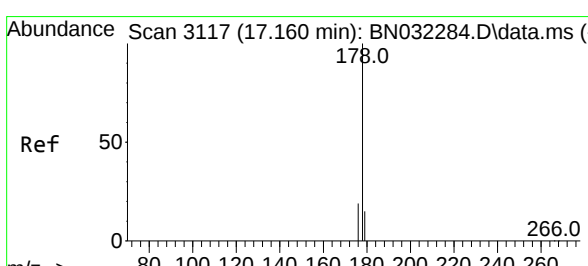
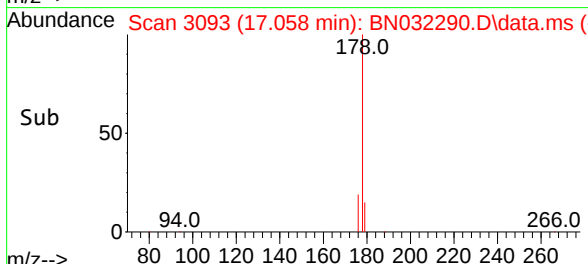
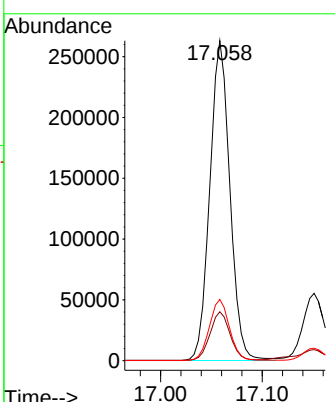
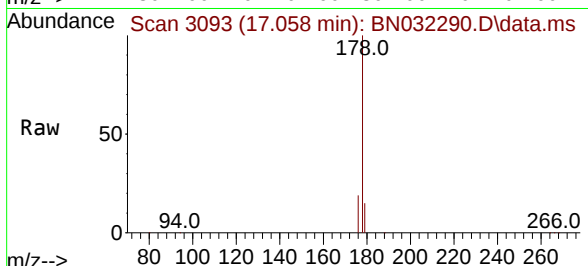
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 36105

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	19.2	15.6	23.4

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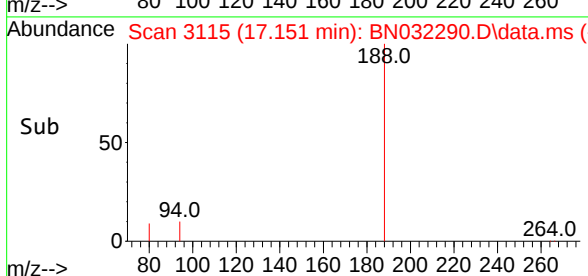
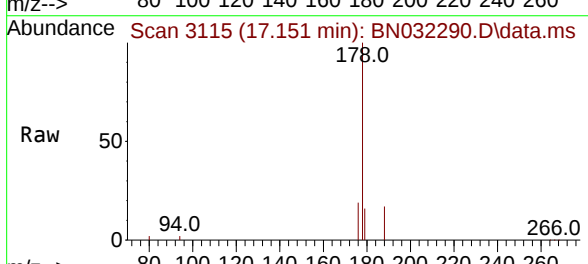
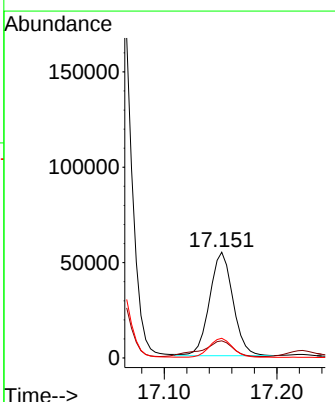
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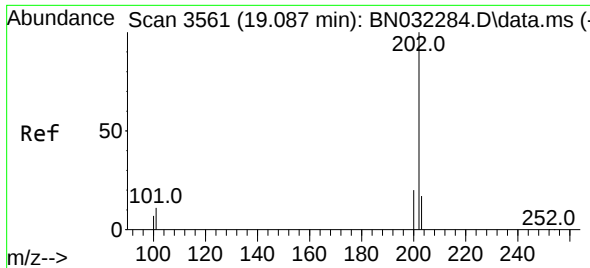


#16
 Anthracene
 Concen: 1.279 ng/ul m
 RT: 17.151 min Scan# 3115
 Delta R.T. -0.009 min
 Lab File: BN032290.D
 Acq: 27 Jun 2024 21:18

Tgt Ion:178 Resp: 78387

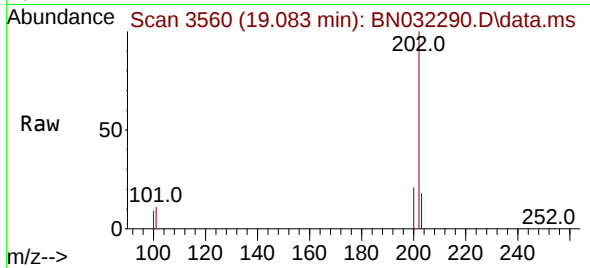
Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.5	18.7
176	18.6	15.0	22.6





#19
Fluoranthene
Concen: 9.169 ng/ul m
RT: 19.083 min Scan# 3561
Delta R.T. -0.009 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

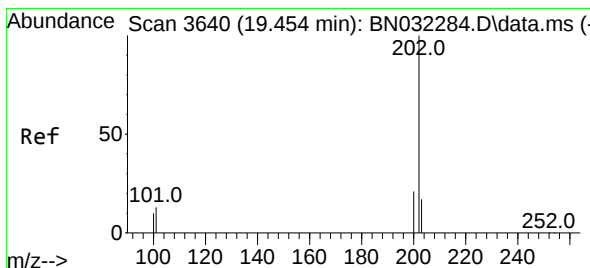
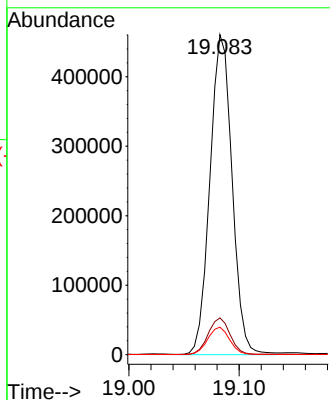
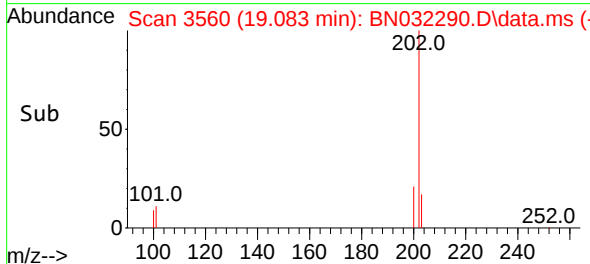
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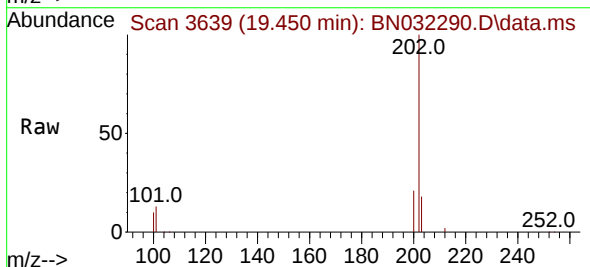
Tgt Ion:202 Resp: 644268
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.6 6.4 9.6

Manual Integrations
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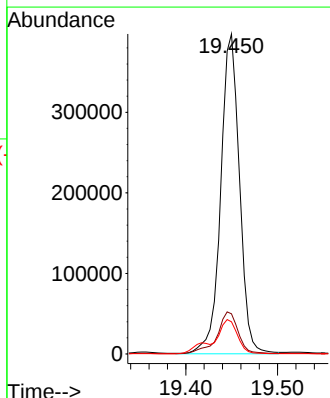
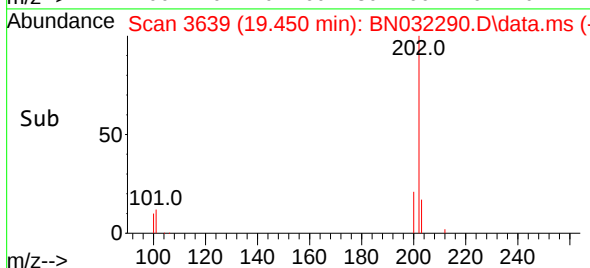
Reviewed By :Yogesh Patel 06/28/2024
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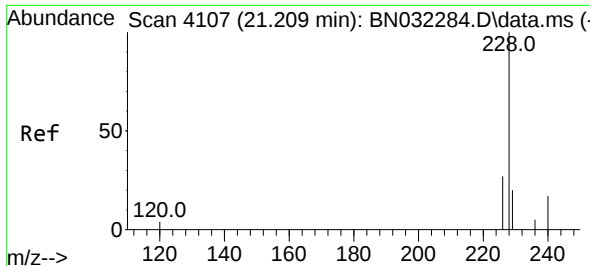


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Pyrene
Concen: 7.691 ng/ul m
RT: 19.450 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18



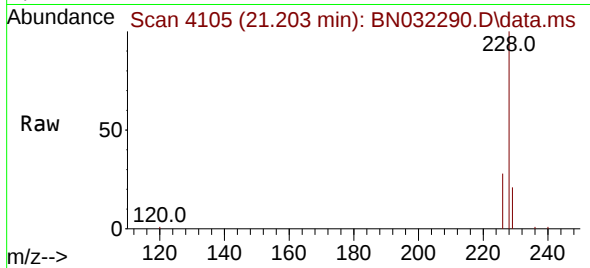
Tgt Ion:202 Resp: 564764
Ion Ratio Lower Upper
202 100
101 12.6 11.0 16.4
100 10.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 4.439 ng/ul m
RT: 21.203 min Scan# 4105
Delta R.T. -0.012 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

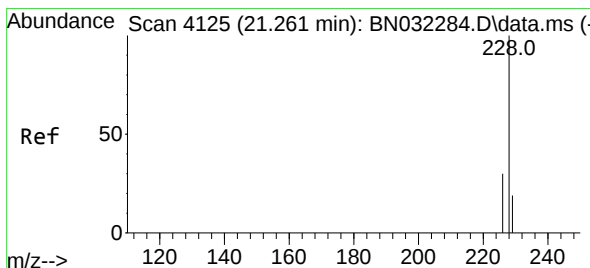
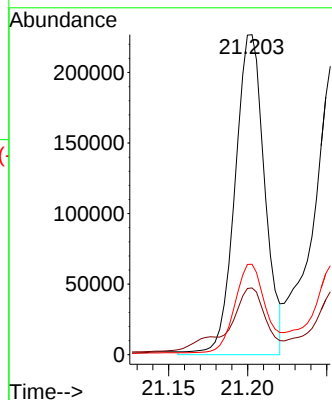
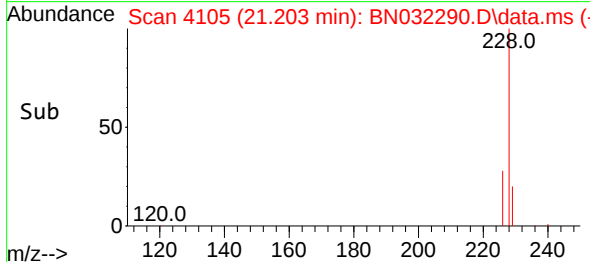
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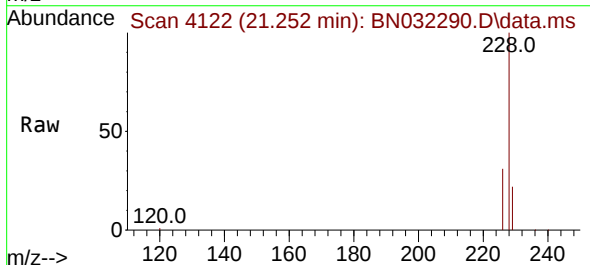
Tgt Ion:228 Resp: 295660
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 28.2 21.8 32.8

Manual Integrations
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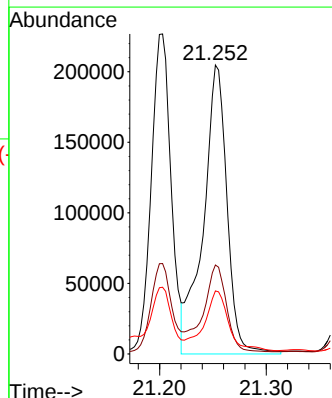
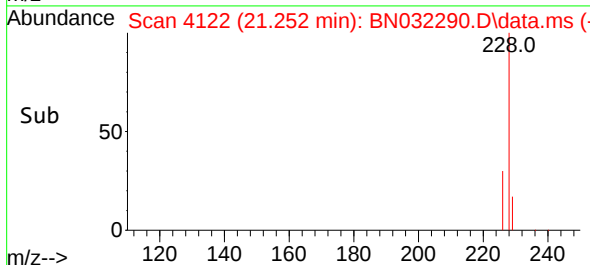
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

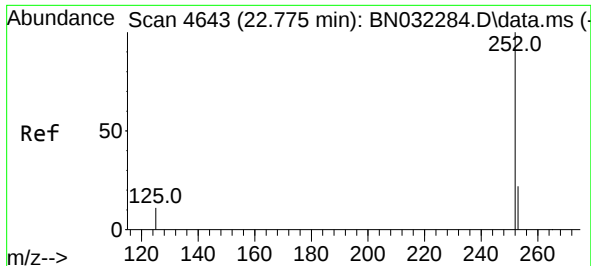


#22
Chrysene
Concen: 4.351 ng/ul m
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18



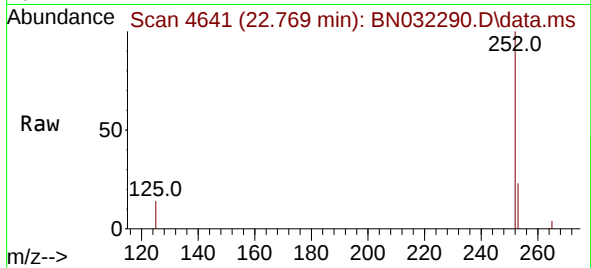
Tgt Ion:228 Resp: 318077
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.248 ng/ul m
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

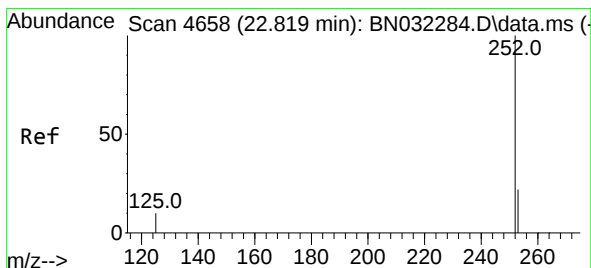
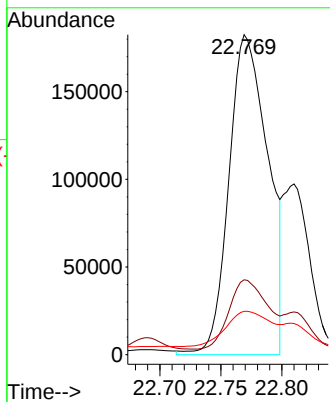
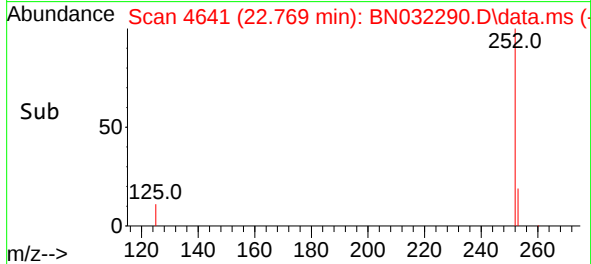
Instrument :
BNA_N
ClientSampleId :
A4B43



Tgt Ion:252 Resp: 405329
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.2
125 13.5 0.0 32.0

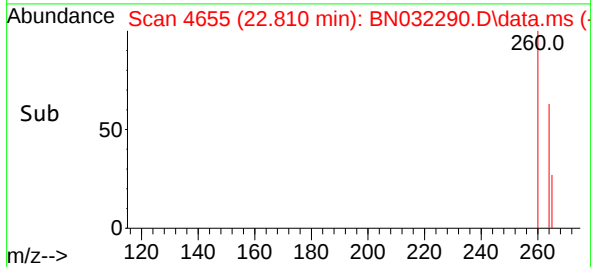
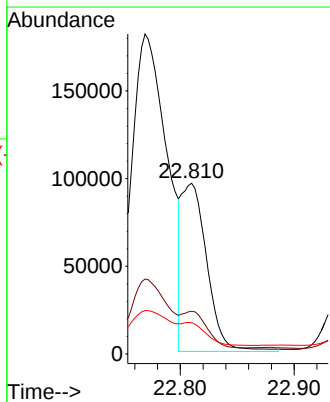
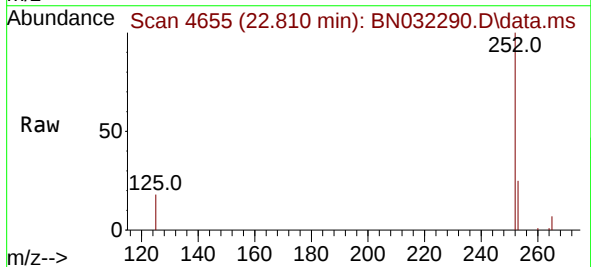
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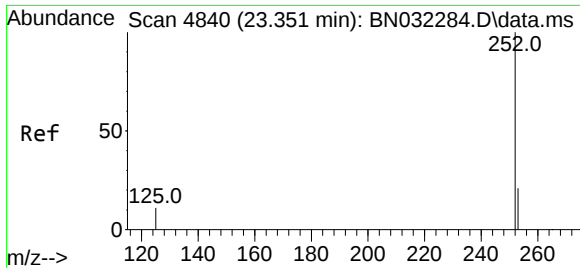
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#25
Benzo(k)fluoranthene
Concen: 1.599 ng/ul m
RT: 22.810 min Scan# 4655
Delta R.T. -0.018 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

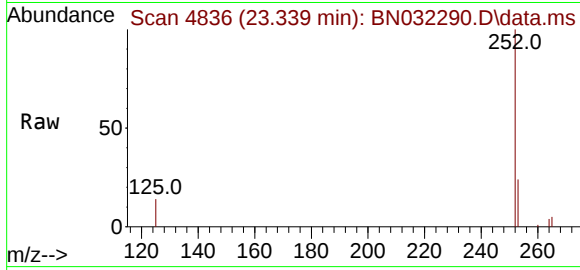
Tgt Ion:252 Resp: 148224
Ion Ratio Lower Upper
252 100
253 25.0 20.3 30.5
125 18.3 12.8 19.2





#26
Benzo(a)pyrene
Concen: 4.264 ng/ul m
RT: 23.339 min Scan# 4836
Delta R.T. -0.021 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

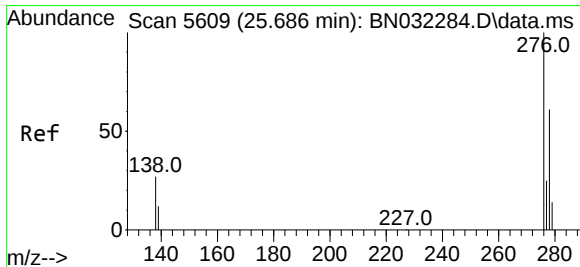
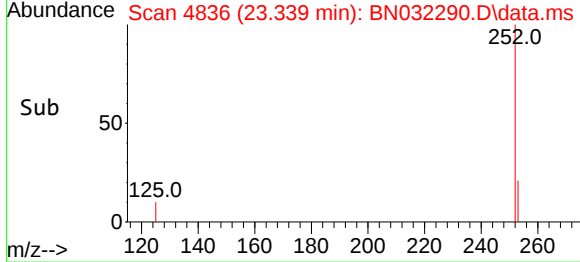
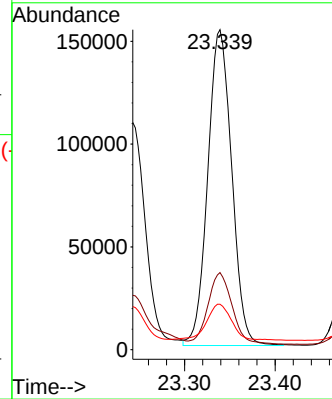
Instrument :
BNA_N
ClientSampleId :
A4B43



Tgt Ion:252 Resp: 28305
Ion Ratio Lower Upper
252 100
253 24.1 22.2 33.2
125 14.2 16.4 24.6

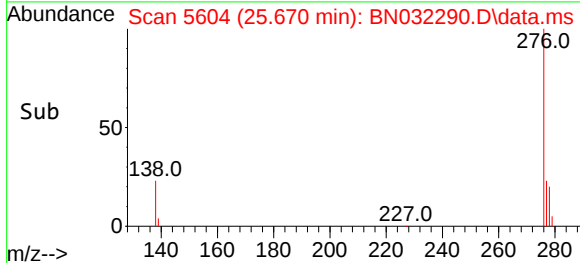
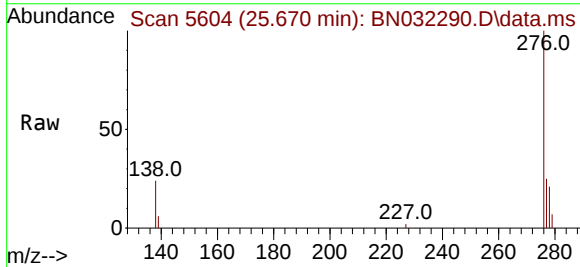
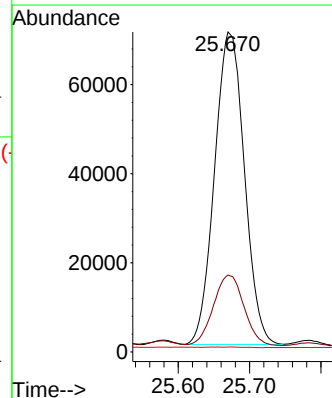
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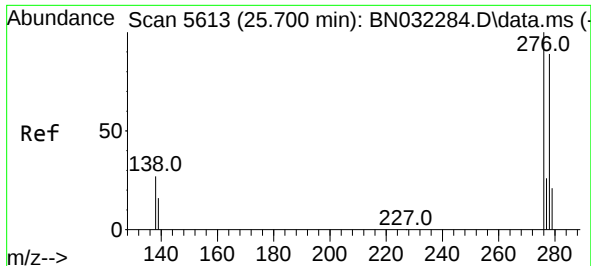
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.960 ng/ul m
RT: 25.670 min Scan# 5604
Delta R.T. -0.030 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

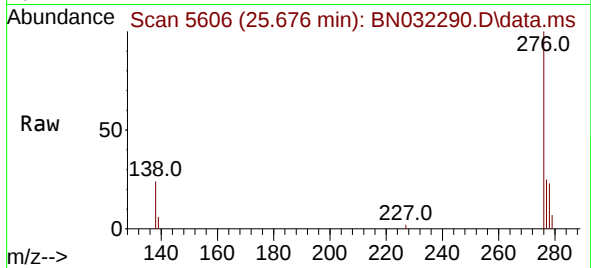
Tgt Ion:276 Resp: 203719
Ion Ratio Lower Upper
276 100
138 2.9 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.686 ng/ul m
RT: 25.676 min Scan# 5606
Delta R.T. -0.034 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18

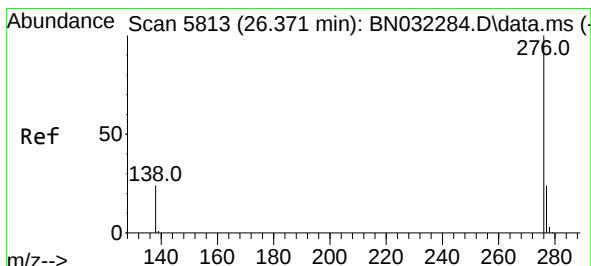
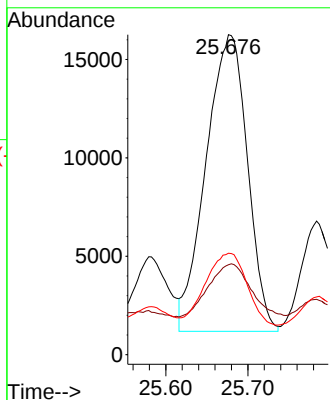
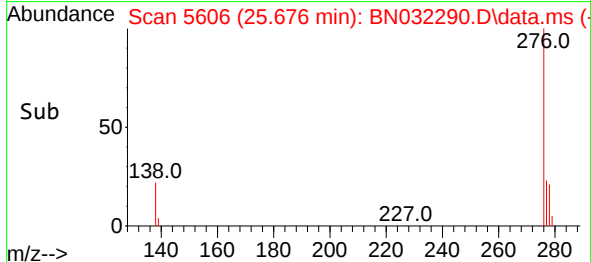
Instrument :
BNA_N
ClientSampleId :
A4B43



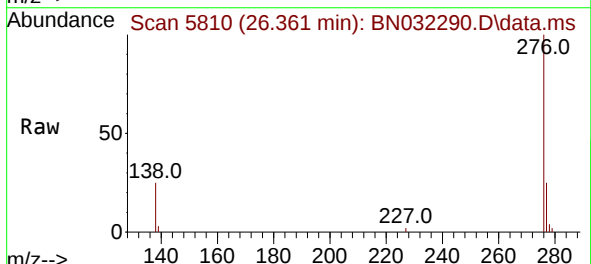
Tgt Ion:278 Resp: 52964
Ion Ratio Lower Upper
278 100
139 28.1 15.9 23.9
279 31.7 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#29
Benzo(g,h,i)perylene
Concen: 2.472 ng/ul m
RT: 26.361 min Scan# 5810
Delta R.T. -0.020 min
Lab File: BN032290.D
Acq: 27 Jun 2024 21:18



Tgt Ion:276 Resp: 204631
Ion Ratio Lower Upper
276 100
138 25.0 19.8 29.6
277 25.3 19.8 29.6

