

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032286.D
 Acq On : 27 Jun 2024 18:52
 Operator : MA/JU
 Sample : P2909-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B75

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 00:27:12 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	9778	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	31911	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	20397	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	41606m	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	21476m	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	22423m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	35117	3.231	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	11113	0.232	ng/ul	0.00
18) Fluoranthene-d10	19.050	212	22723m	0.352	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.442	128	15417	0.183	ng/ul	98
7) 2-Methylnaphthalene	12.065	142	8287	0.148	ng/ul	99
8) 1-Methylnaphthalene	12.290	142	6270	0.108	ng/ul	98
10) Acenaphthylene	13.985	152	23802	0.281	ng/ul#	92
11) Acenaphthene	14.327	153	24183	0.367	ng/ul	98
12) Fluorene	15.317	166	29365	0.374	ng/ul#	96
15) Phenanthrene	17.058	178	533031m	4.673	ng/ul	
16) Anthracene	17.151	178	98756m	0.971	ng/ul	
19) Fluoranthene	19.083	202	862544m	10.547	ng/ul	
20) Pyrene	19.450	202	607131m	7.104	ng/ul	
21) Benzo(a)anthracene	21.203	228	294380m	3.798	ng/ul	
22) Chrysene	21.252	228	354483m	4.167	ng/ul	
24) Benzo(b)fluoranthene	22.772	252	409920m	4.208	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	159058m	1.680	ng/ul	
26) Benzo(a)pyrene	23.339	252	152532m	2.250	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.673	276	154569m	1.456	ng/ul	
28) Dibenzo(a,h)anthracene	25.680	278	53539m	0.679	ng/ul	
29) Benzo(g,h,i)perylene	26.361	276	26068m	0.308	ng/ul	

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

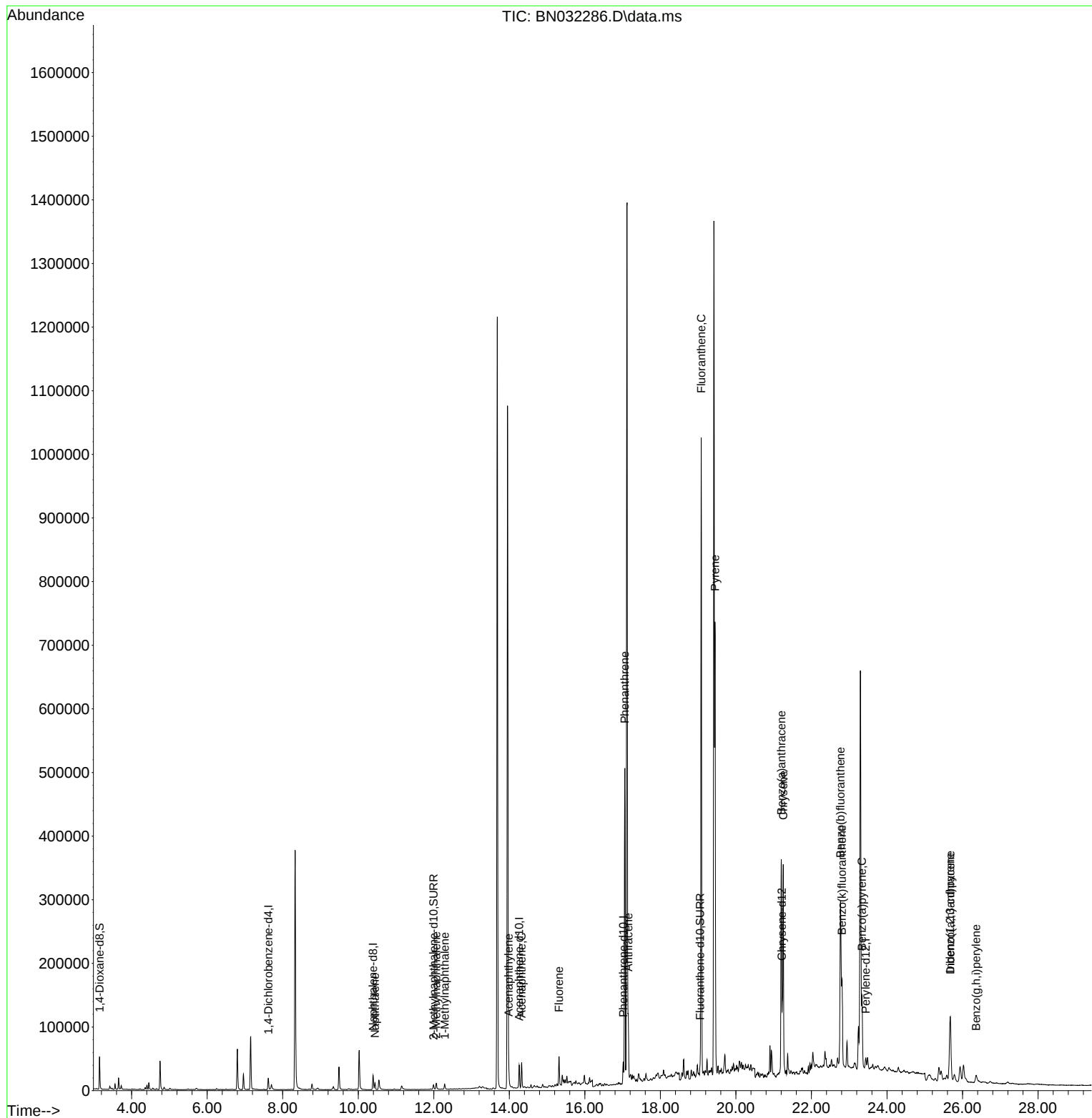
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
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ALS Vial : 15 Sample Multiplier: 1

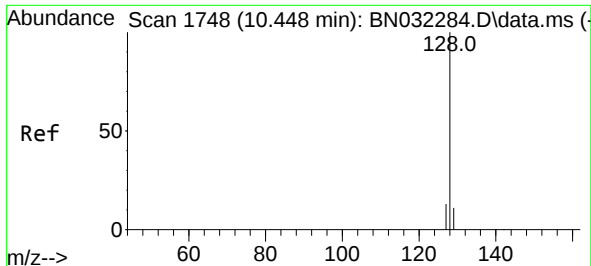
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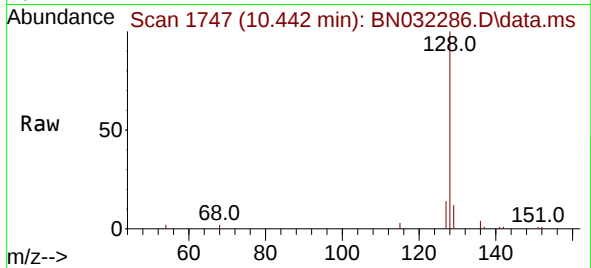
Quant Time: Jun 28 00:27:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#5
Naphthalene
Concen: 0.183 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

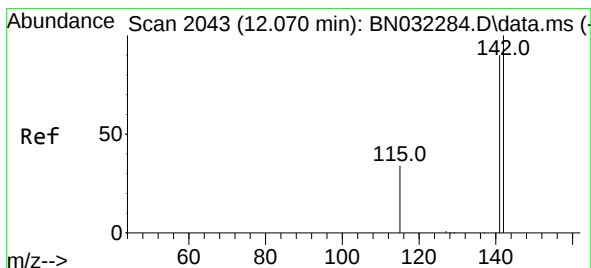
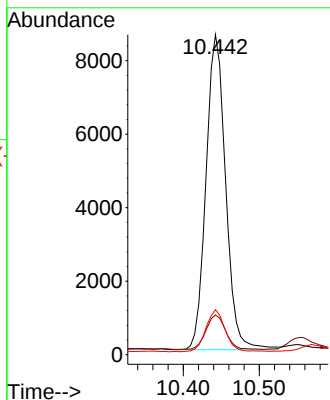
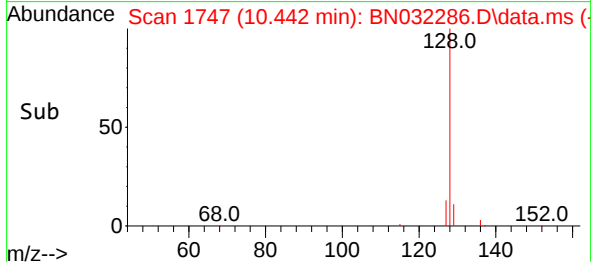
Instrument :
BNA_N
ClientSampleId :
A4B75



Tgt Ion:128 Resp: 1541
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 14.1 10.8 16.2

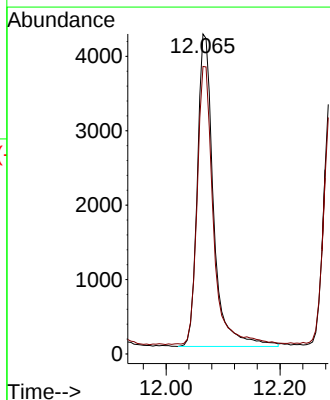
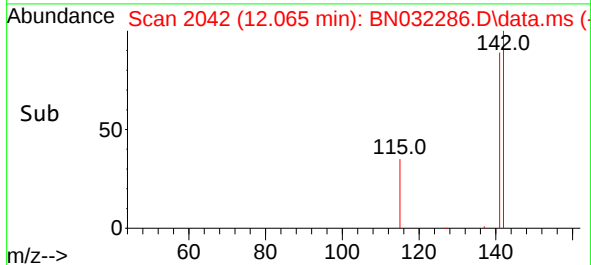
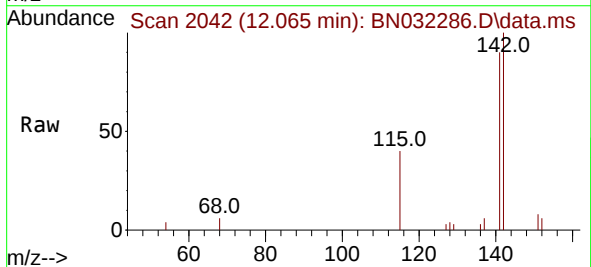
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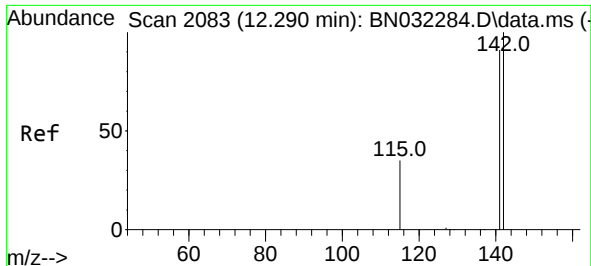
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#7
2-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

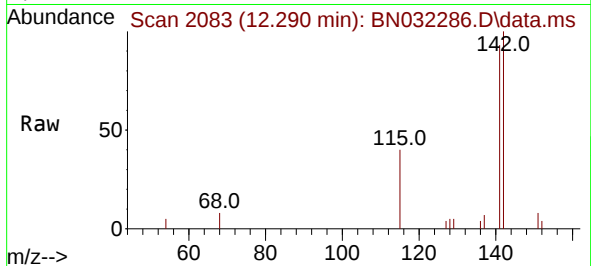
Tgt Ion:142 Resp: 8287
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.290 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

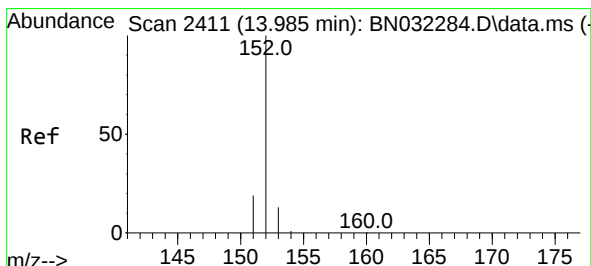
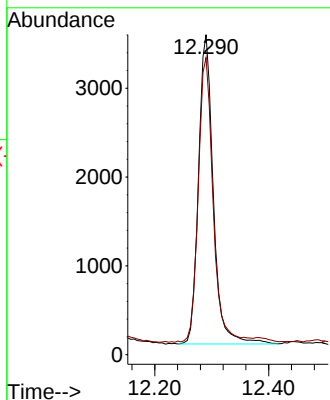
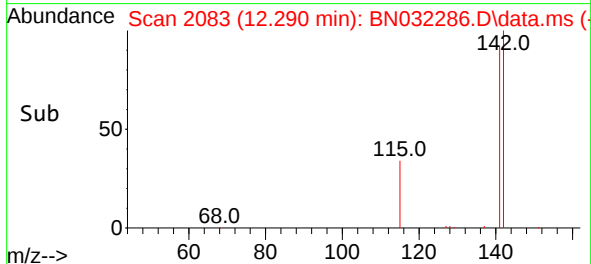
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 6270
Ion Ratio Lower Upper
142 100
141 93.6 73.4 110.0

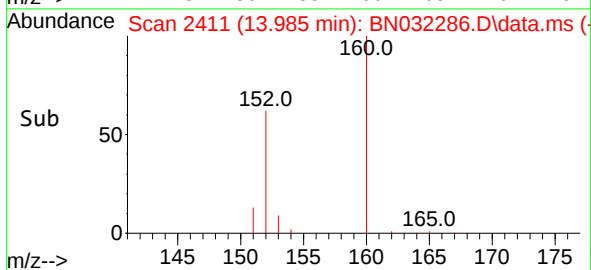
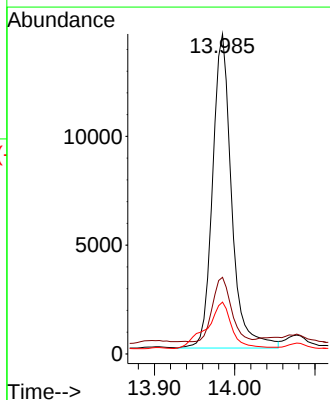
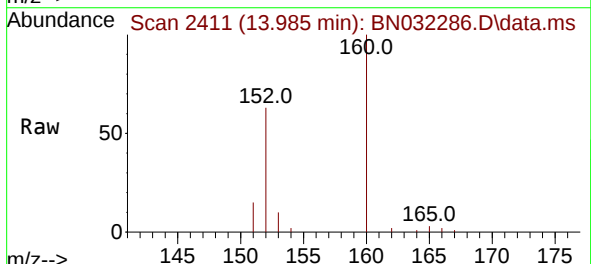
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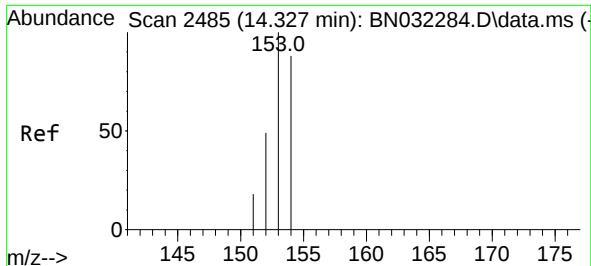
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#10
Acenaphthylene
Concen: 0.281 ng/ul
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

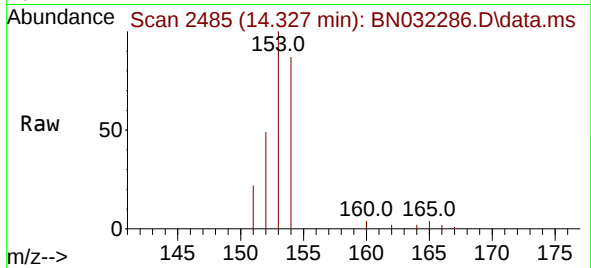
Tgt Ion:152 Resp: 23802
Ion Ratio Lower Upper
152 100
151 24.0 15.7 23.5#
153 16.2 10.9 16.3





#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

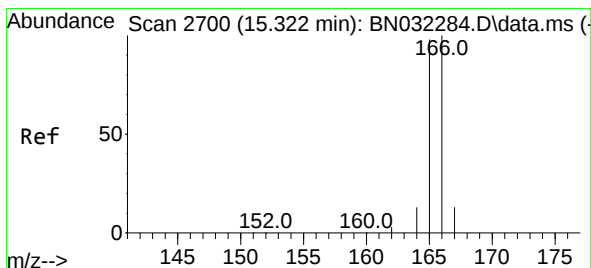
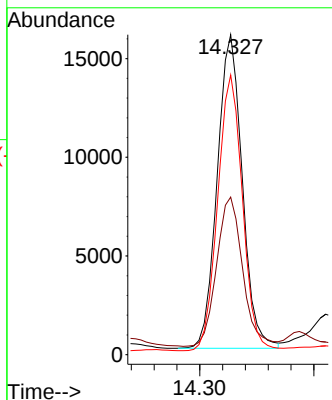
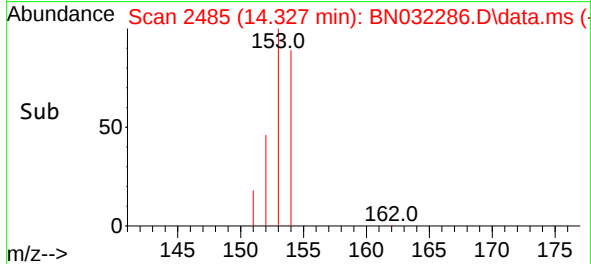
Instrument :
BNA_N
ClientSampleId :
A4B75



Tgt Ion:153 Resp: 2418
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 87.4 71.7 107.5

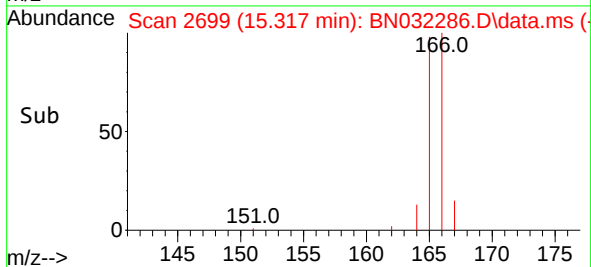
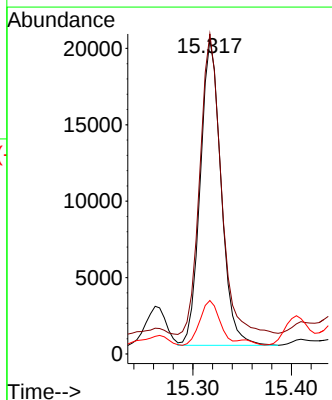
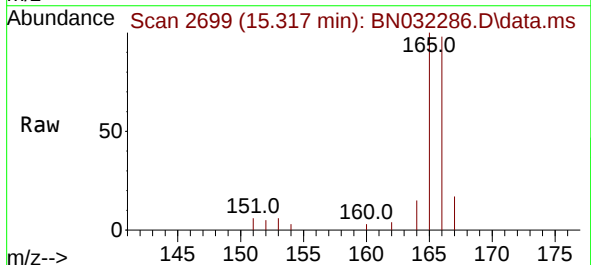
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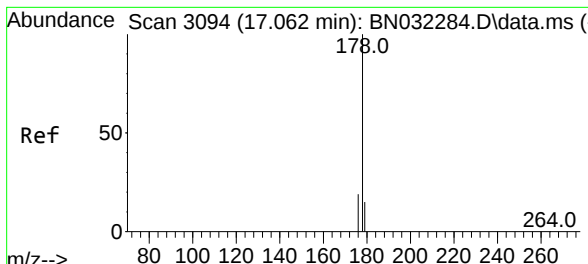
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

Tgt Ion:166 Resp: 29365
Ion Ratio Lower Upper
166 100
165 101.8 79.0 118.6
167 17.0 11.0 16.6#





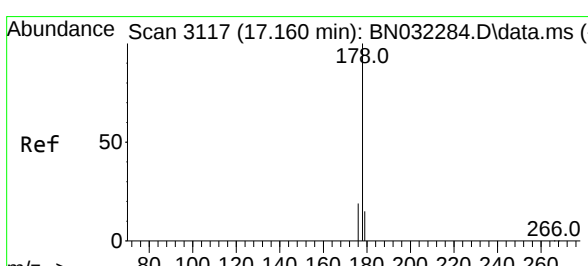
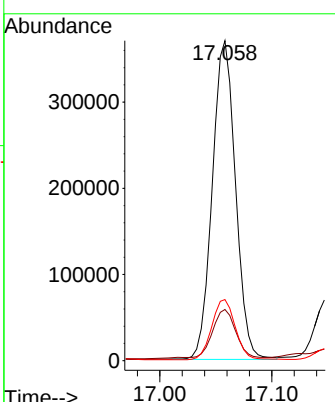
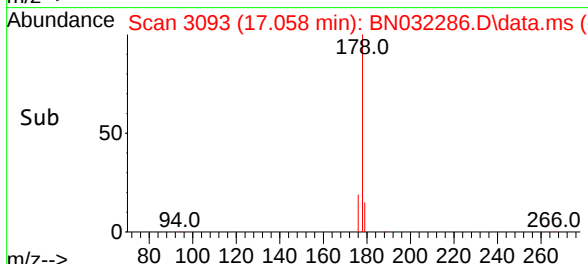
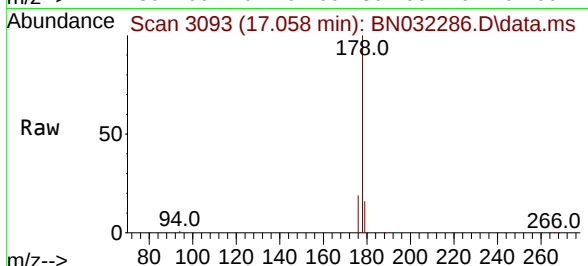
#15
 Phenanthrene
 Concen: 4.673 ng/ul m
 RT: 17.058 min Scan# 3093
 Delta R.T. -0.009 min
 Lab File: BN032286.D
 Acq: 27 Jun 2024 18:52

Instrument : BNA_N
 ClientSampleId : A4B75

Tgt Ion:178 Resp: 53303

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	19.1	15.6	23.4

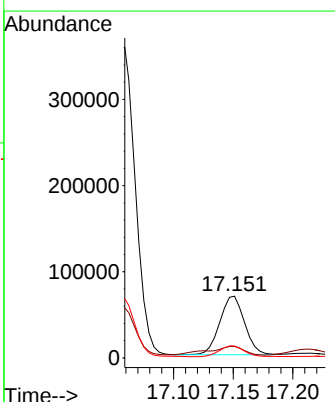
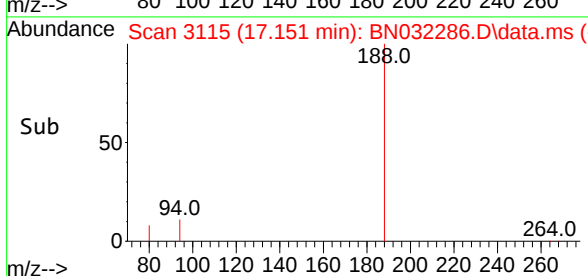
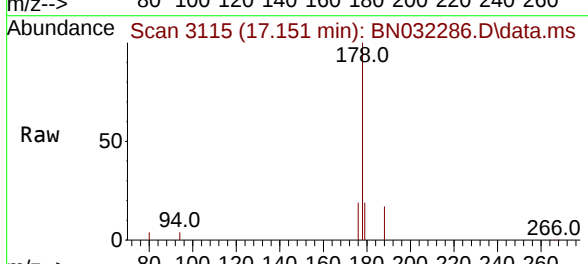
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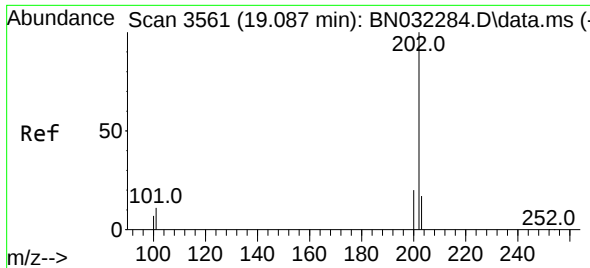


#16
 Anthracene
 Concen: 0.971 ng/ul m
 RT: 17.151 min Scan# 3115
 Delta R.T. -0.009 min
 Lab File: BN032286.D
 Acq: 27 Jun 2024 18:52

Tgt Ion:178 Resp: 98756

Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.5	18.7#
176	19.4	15.0	22.6





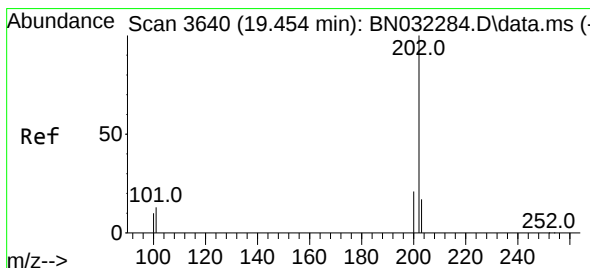
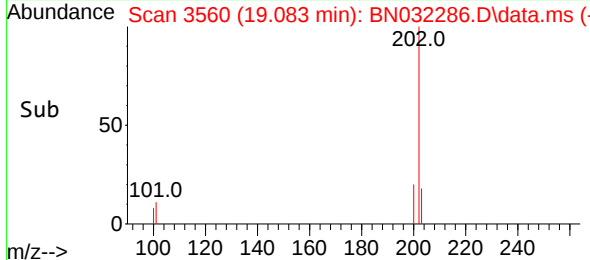
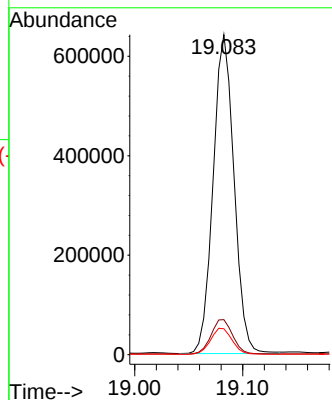
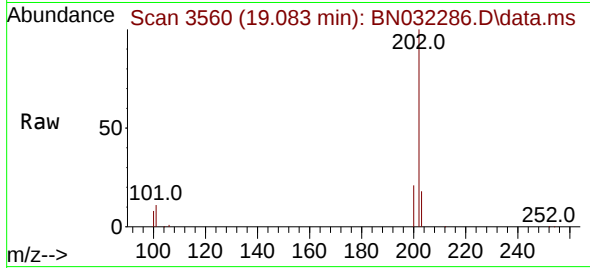
#19
Fluoranthene
Concen: 10.547 ng/ul m
RT: 19.083 min Scan# 3561
Delta R.T. -0.009 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

Instrument :
BNA_N
ClientSampleId :
A4B75

Tgt Ion:202 Resp: 862544
Ion Ratio Lower Upper
202 100
101 11.0 8.8 13.2
100 8.1 6.4 9.6

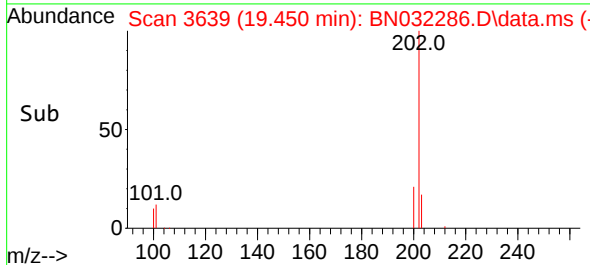
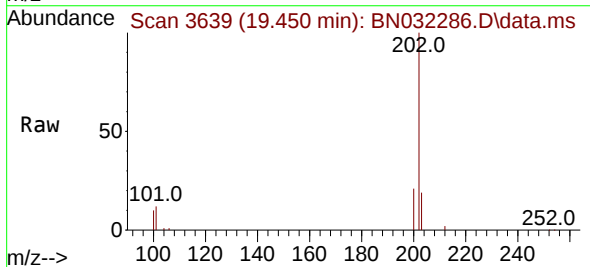
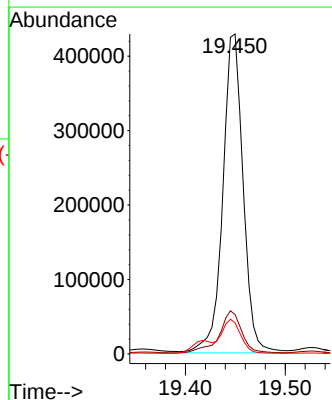
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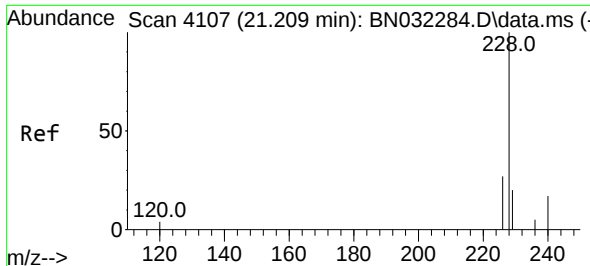
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#20
Pyrene
Concen: 7.104 ng/ul m
RT: 19.450 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

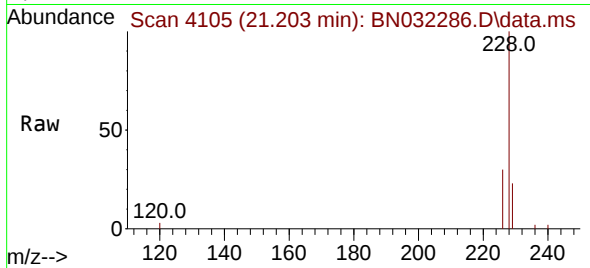
Tgt Ion:202 Resp: 607131
Ion Ratio Lower Upper
202 100
101 12.3 11.0 16.4
100 9.7 8.7 13.1





#21
Benzo(a)anthracene
Concen: 3.798 ng/ul m
RT: 21.203 min Scan# 4105
Delta R.T. -0.012 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

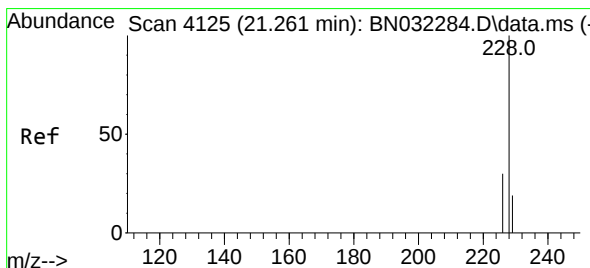
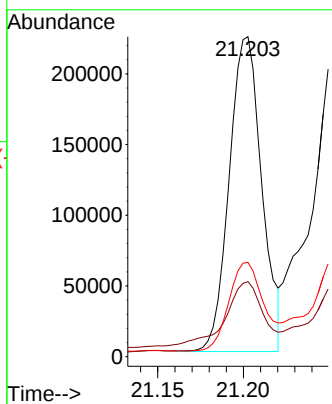
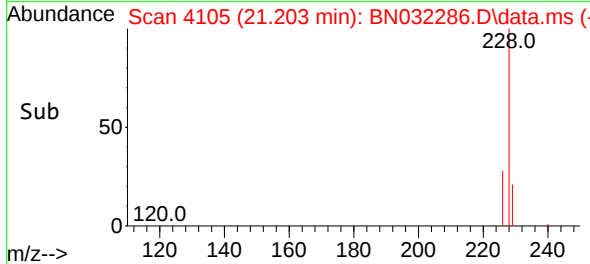
Instrument :
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A4B75



Tgt Ion:228 Resp: 294380
Ion Ratio Lower Upper
228 100
229 23.4 15.7 23.5
226 29.5 21.8 32.8

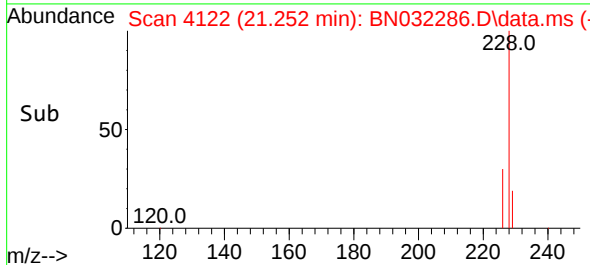
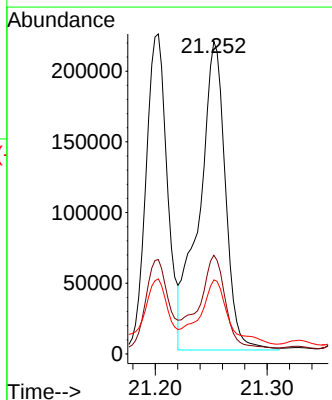
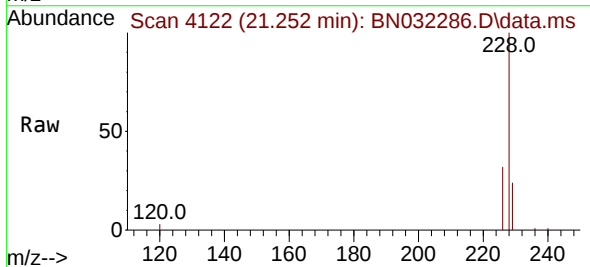
Manual Integrations
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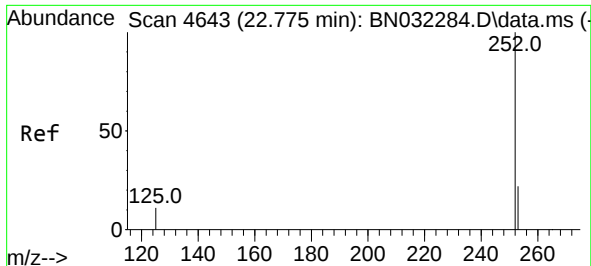
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#22
Chrysene
Concen: 4.167 ng/ul m
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

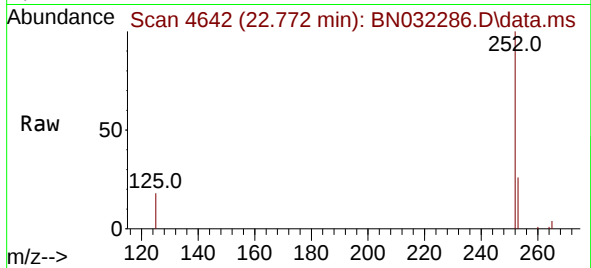
Tgt Ion:228 Resp: 354483
Ion Ratio Lower Upper
228 100
226 31.6 23.6 35.4
229 23.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.208 ng/ul m
RT: 22.772 min Scan# 4642
Delta R.T. -0.012 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

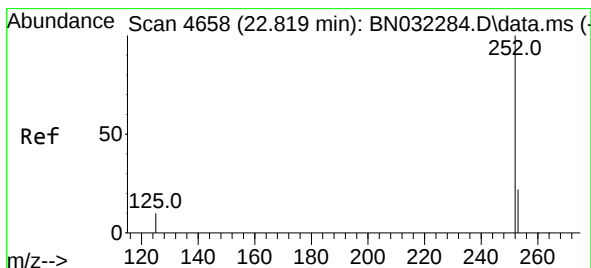
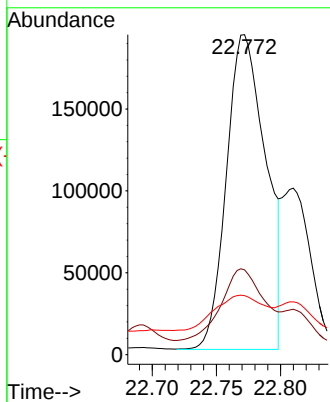
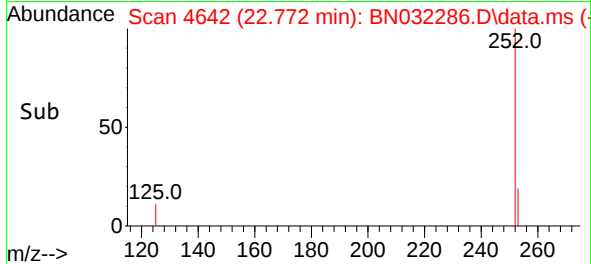
Instrument :
BNA_N
ClientSampleId :
A4B75



Tgt Ion:252 Resp: 409920
Ion Ratio Lower Upper
252 100
253 26.5 0.0 50.2
125 18.5 0.0 32.0

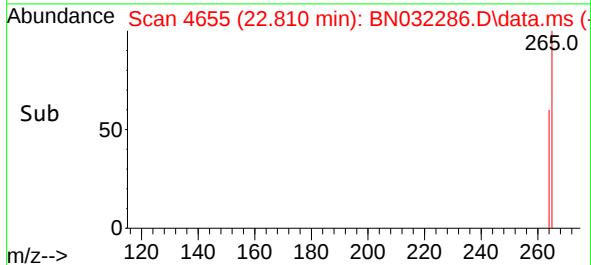
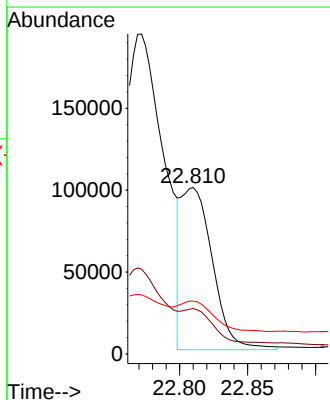
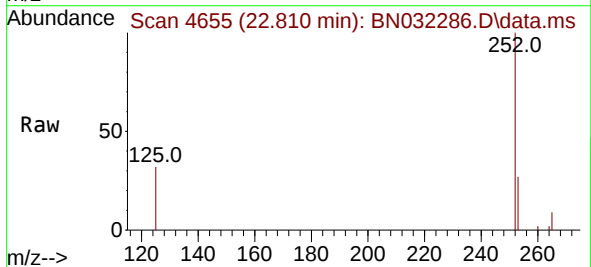
Manual Integrations
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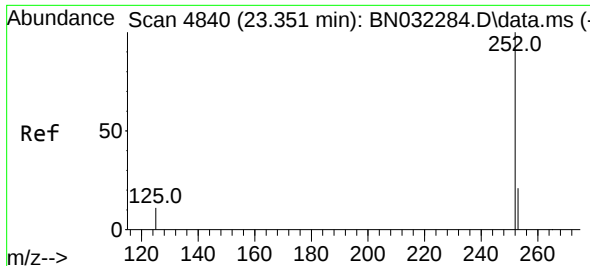
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#25
Benzo(k)fluoranthene
Concen: 1.680 ng/ul m
RT: 22.810 min Scan# 4655
Delta R.T. -0.018 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

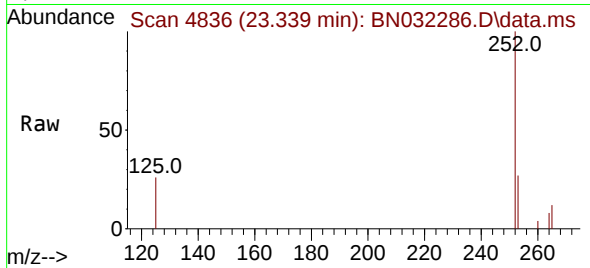
Tgt Ion:252 Resp: 159058
Ion Ratio Lower Upper
252 100
253 27.3 20.3 30.5
125 31.7 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 2.250 ng/ul m
RT: 23.339 min Scan# 4836
Delta R.T. -0.021 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

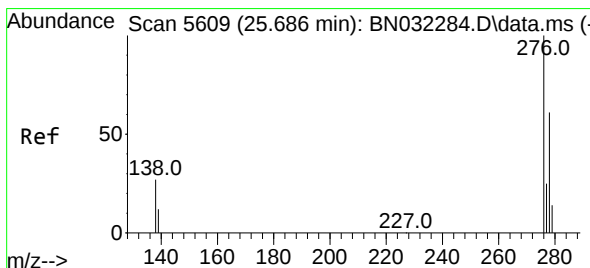
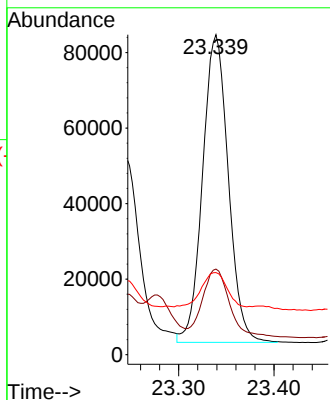
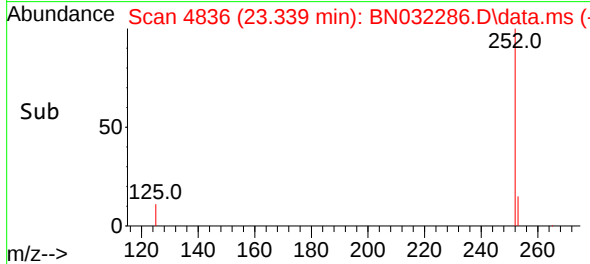
Instrument :
BNA_N
ClientSampleId :
A4B75



Tgt Ion:252 Resp: 152532
Ion Ratio Lower Upper
252 100
253 26.7 22.2 33.2
125 25.7 16.4 24.6

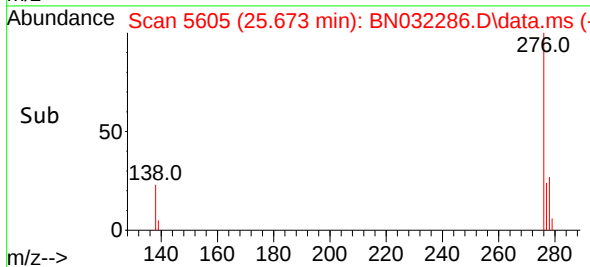
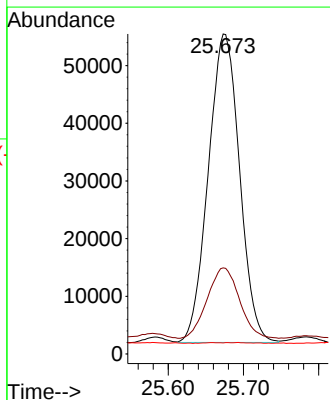
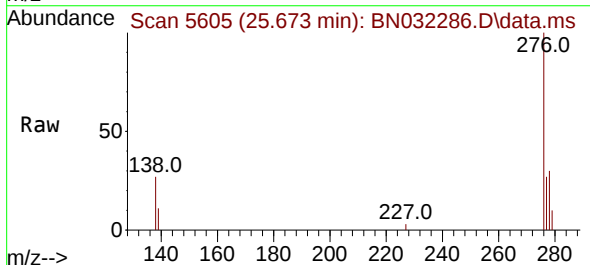
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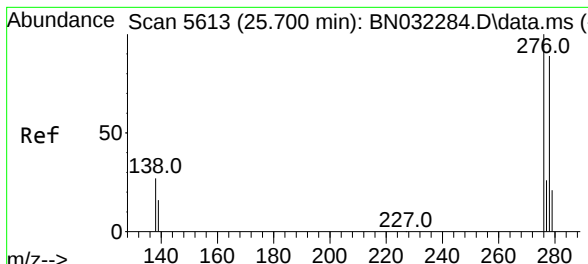
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.456 ng/ul m
RT: 25.673 min Scan# 5605
Delta R.T. -0.027 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

Tgt Ion:276 Resp: 154569
Ion Ratio Lower Upper
276 100
138 5.1 21.3 31.9#
227 0.1 0.1 0.1





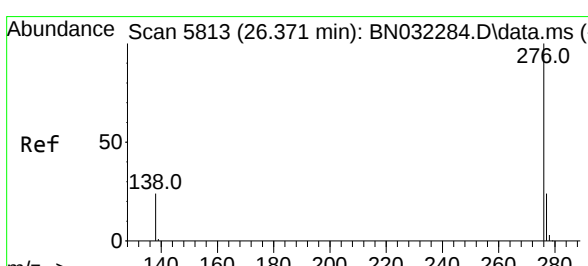
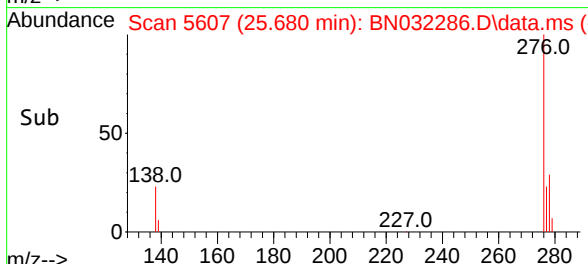
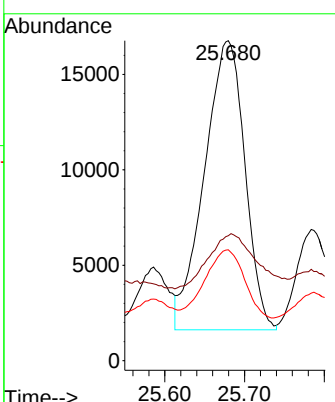
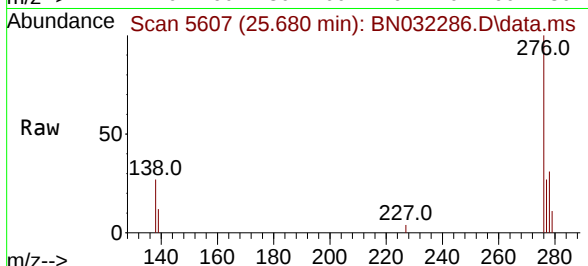
#28
 Dibenzo(a,h)anthracene
 Concen: 0.679 ng/ul m
 RT: 25.680 min Scan# 5613
 Delta R.T. -0.030 min
 Lab File: BN032286.D
 Acq: 27 Jun 2024 18:52

Instrument : BNA_N
 ClientSampleId : A4B75

Tgt Ion: 278 Resp: 53539

Ion	Ratio	Lower	Upper
278	100		
139	39.1	15.9	23.9
279	34.6	21.1	31.7

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.308 ng/ul m
 RT: 26.361 min Scan# 5810
 Delta R.T. -0.020 min
 Lab File: BN032286.D
 Acq: 27 Jun 2024 18:52

Tgt Ion: 276 Resp: 26068

Ion	Ratio	Lower	Upper
276	100		
138	42.0	19.8	29.6
277	38.0	19.8	29.6

