

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032641.D
 Acq On : 11 Jul 2024 18:20
 Operator : MA/JU
 Sample : P3035-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:55:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7737	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	24731	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	14467	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	25830m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	15588m	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	17617m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	22441	2.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	8297	0.222	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	14081m	0.277	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.376	128	6680	0.101	ng/ul	97
7) 2-Methylnaphthalene	12.004	142	2683	0.065	ng/ul	98
8) 1-Methylnaphthalene	12.224	142	2513	0.059	ng/ul	99
10) Acenaphthylene	13.925	152	45902	0.785	ng/ul	99
11) Acenaphthene	14.267	153	9069	0.188	ng/ul	100
12) Fluorene	15.262	166	20220	0.366	ng/ul	99
15) Phenanthrene	16.999	178	373163m	5.305	ng/ul	
16) Anthracene	17.092	178	60698m	1.056	ng/ul	
19) Fluoranthene	19.031	202	635243m	10.023	ng/ul	
20) Pyrene	19.399	202	481320m	7.337	ng/ul	
21) Benzo(a)anthracene	21.159	228	259581m	5.232	ng/ul	
22) Chrysene	21.212	228	318061m	4.431	ng/ul	
24) Benzo(b)fluoranthene	22.716	252	384653m	6.188	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	135168m	1.784	ng/ul	
26) Benzo(a)pyrene	23.275	252	153150m	2.847	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.583	276	153510m	2.108	ng/ul	
28) Dibenzo(a,h)anthracene	25.583	278	53673m	0.951	ng/ul	
29) Benzo(g,h,i)perylene	26.260	276	23502m	0.386	ng/ul	

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

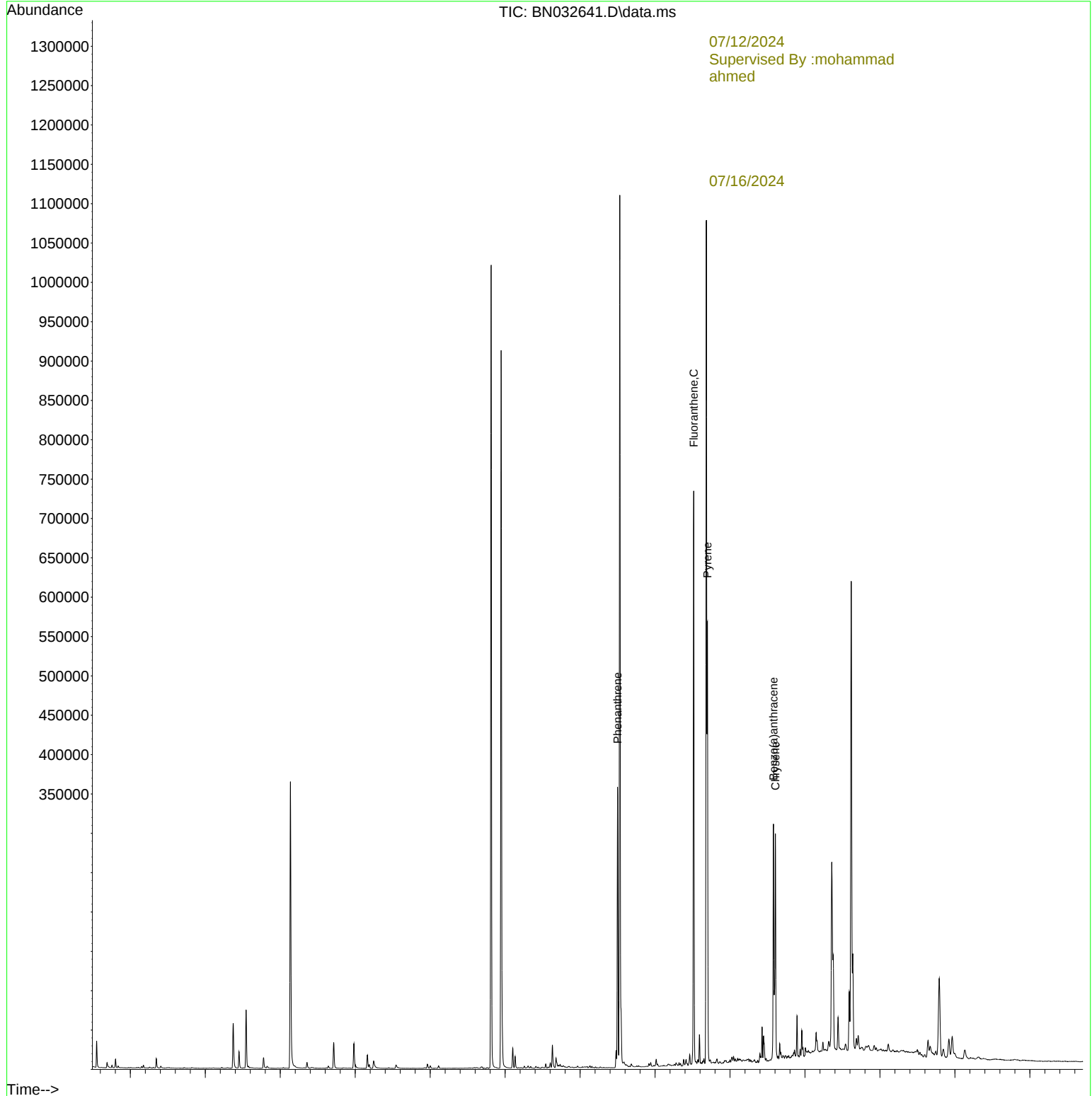
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032641.D
Acq On : 11 Jul 2024 18:20
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ALS Vial : 17 Sample Multiplier: 1

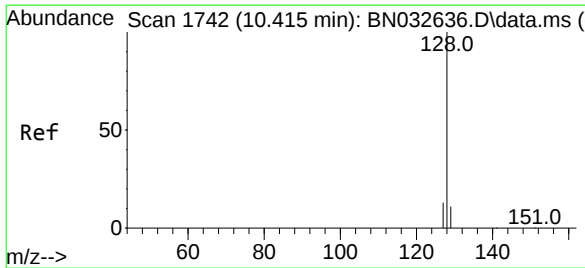
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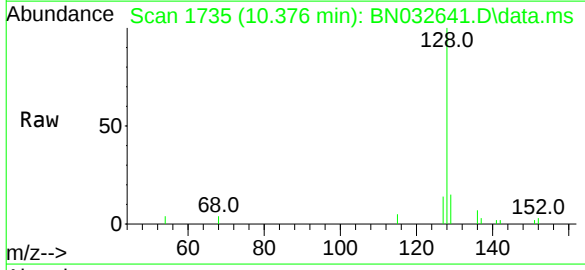
Quant Time: Jul 12 01:55:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.101 ng/ul
RT: 10.376 min Scan# 1742
Delta R.T. -0.033 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

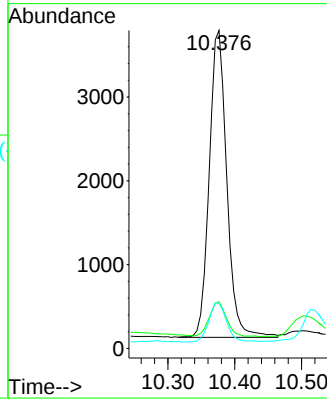
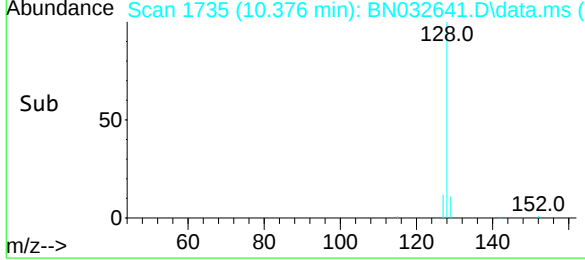
Instrument :
BNA_N
ClientSampleId :
A4CX3



Tgt Ion:128 Resp: 6680
Ion Ratio Lower Upper
128 100
129 14.7 10.0 15.0
127 14.2 11.6 17.4

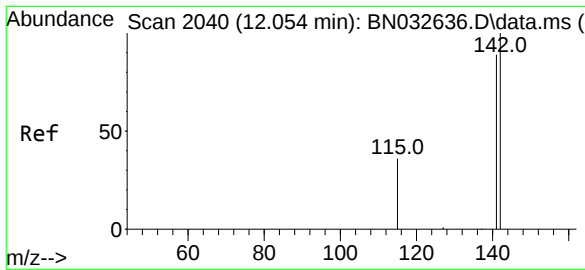
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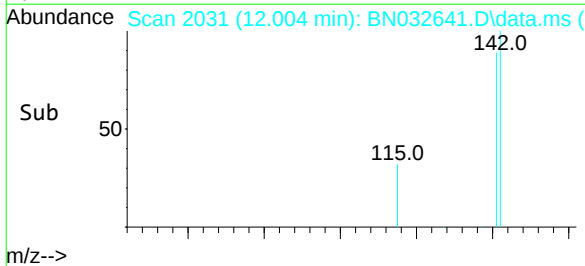
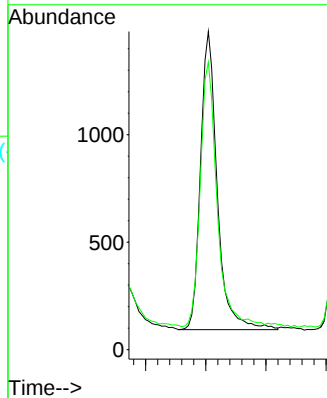
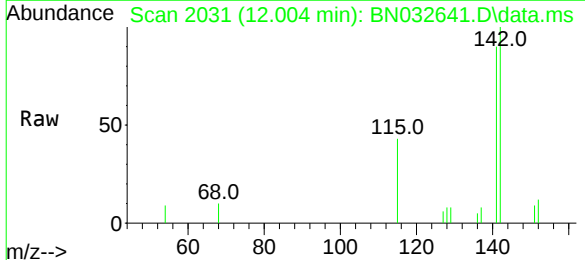
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Supervised By :mohammad
ahmed

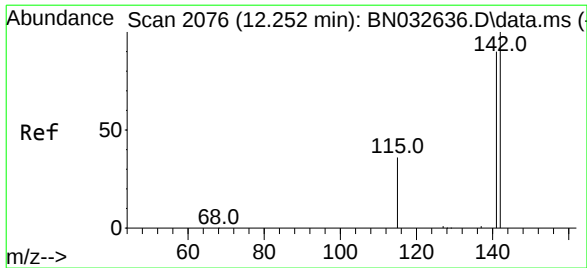
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#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

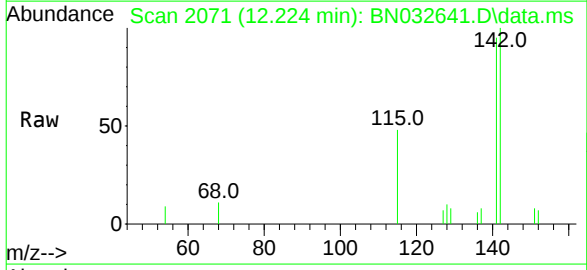
Tgt Ion:142 Resp: 2683
Ion Ratio Lower Upper
142 100
141 90.7 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.059 ng/u1
RT: 12.224 min Scan# 2076
Delta R.T. -0.022 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

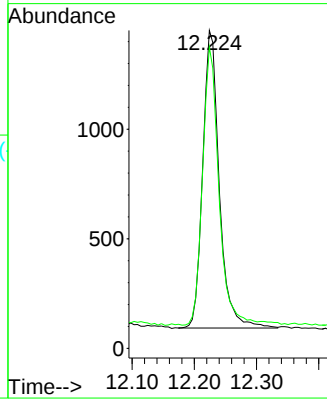
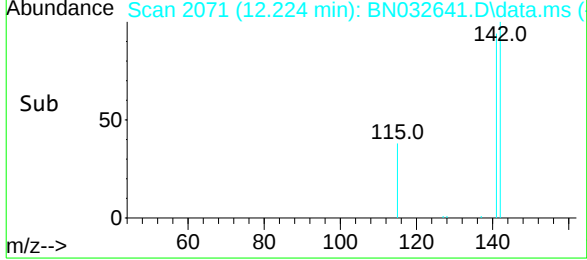
Instrument :
BNA_N
ClientSampleId :
A4CX3



Tgt Ion:142 Resp: 2513
Ion Ratio Lower Upper
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141 92.6 75.0 112.4

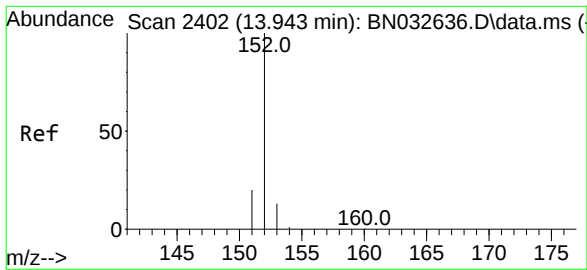
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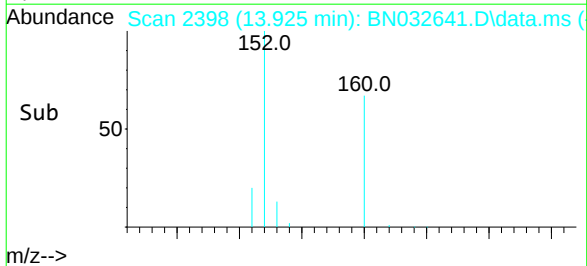
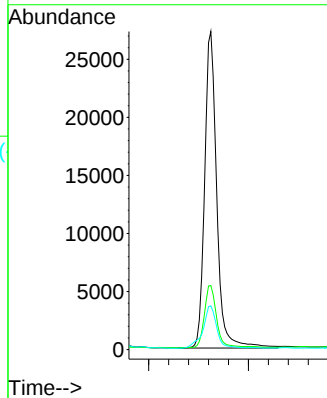
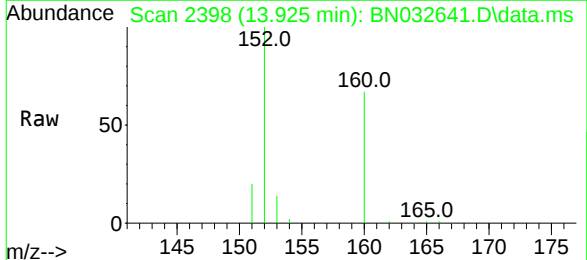
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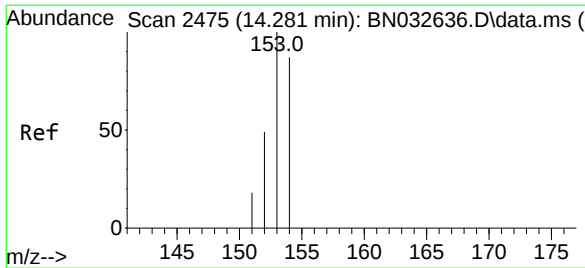
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#10
Acenaphthylene
Concen: 0.785 ng/u1
RT: 13.925 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

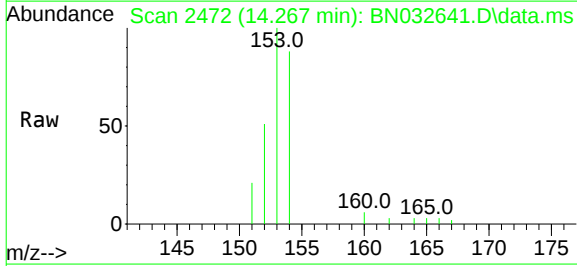
Tgt Ion:152 Resp: 45902
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.7 11.3 16.9





#11
Acenaphthene
Concen: 0.188 ng/u1
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

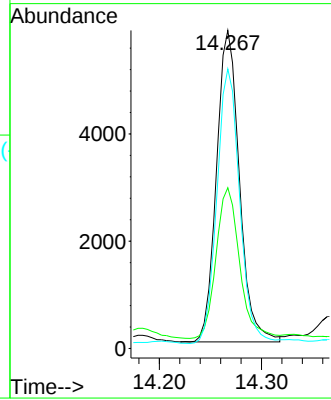
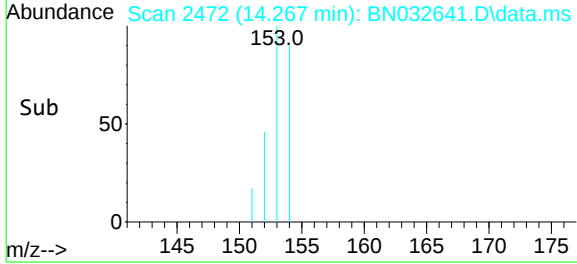
Instrument :
BNA_N
ClientSampleId :
A4CX3



Tgt Ion:153 Resp: 9069
Ion Ratio Lower Upper
153 100
152 50.5 40.0 60.0
154 87.9 70.2 105.4

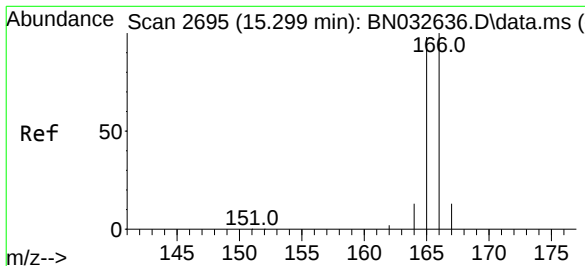
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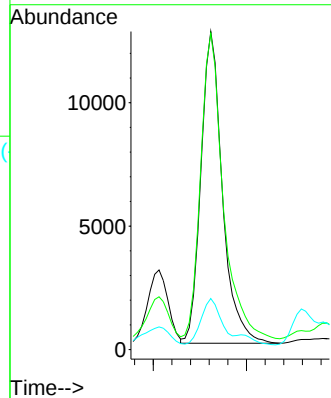
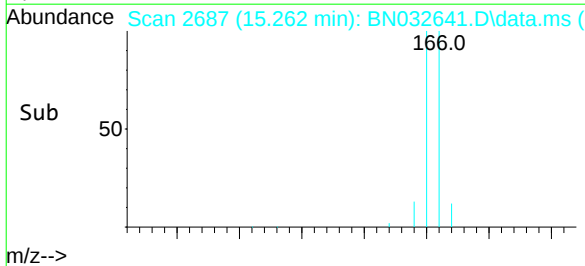
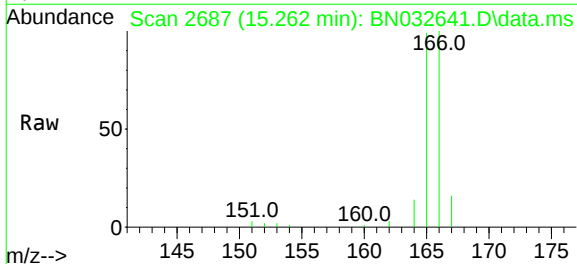
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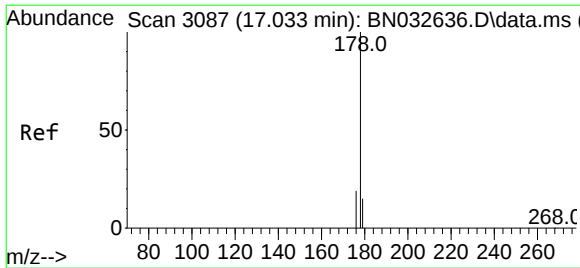
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#12
Fluorene
Concen: 0.366 ng/u1
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

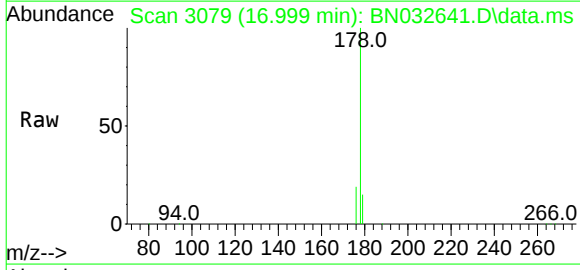
Tgt Ion:166 Resp: 20220
Ion Ratio Lower Upper
166 100
165 99.4 79.7 119.5
167 16.1 11.4 17.2





#15
Phenanthrene
Concen: 5.305 ng/u1 m
RT: 16.999 min Scan# 3087
Delta R.T. -0.029 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

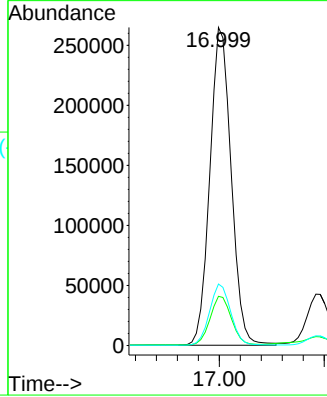
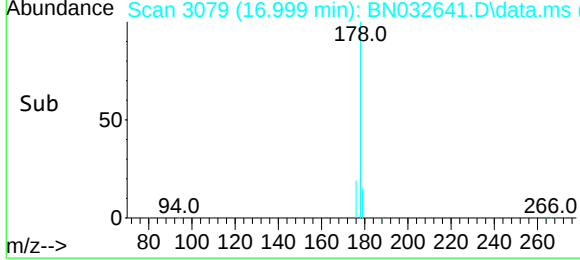
Instrument :
BNA_N
ClientSampleId :
A4CX3



Tgt Ion:	178	Resp:	373163
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.0	19.4
176	19.3	15.6	23.4

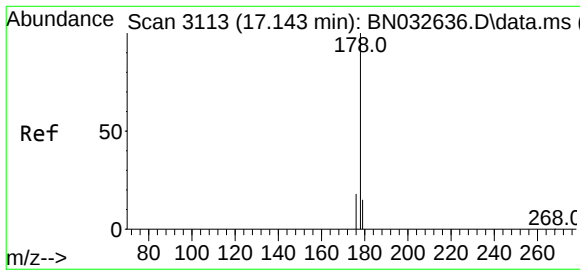
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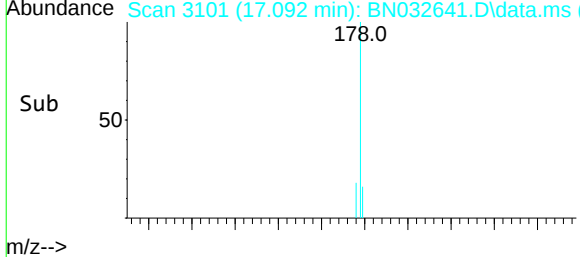
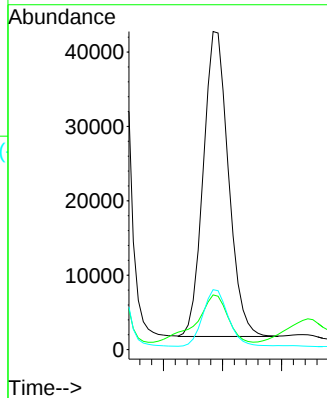
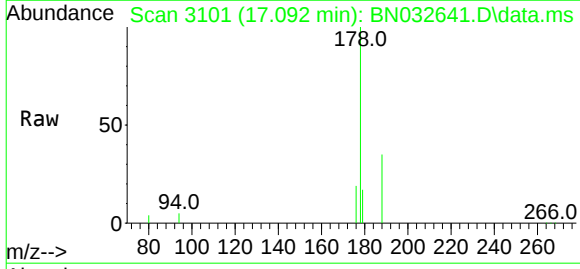
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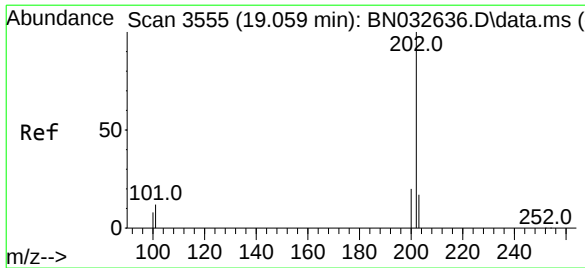
07/16/2024



#16
Anthracene
Concen: 1.056 ng/u1 m
RT: 17.092 min Scan# 3101
Delta R.T. -0.046 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

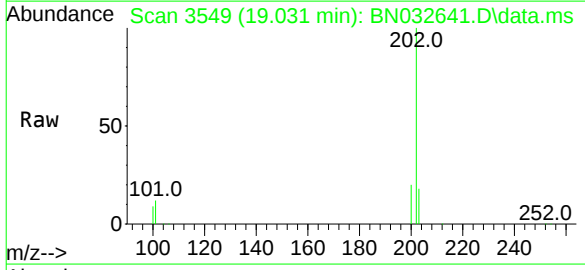
Tgt Ion:	178	Resp:	60698
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.4	20.2
176	18.8	15.4	23.0





#19
 Fluoranthene
 Concen: 10.023 ng/u1 m
 RT: 19.031 min Scan# 35
 Delta R.T. -0.023 min
 Lab File: BN032641.D
 Acq: 11 Jul 2024 18:20

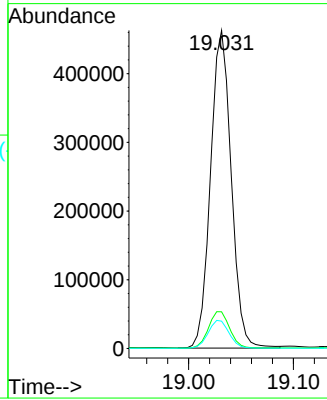
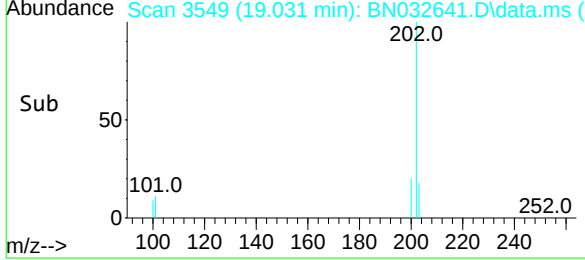
Instrument :
 BNA_N
 ClientSampleId :
 A4CX3



Tgt Ion:	202	Resp:	635243
Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
100	8.6	7.9	11.9

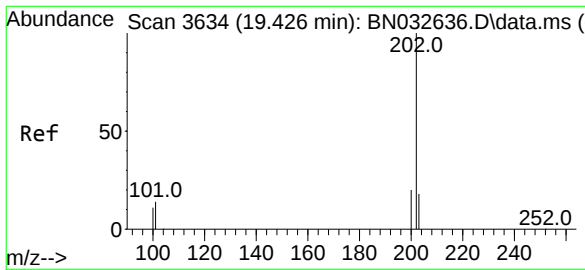
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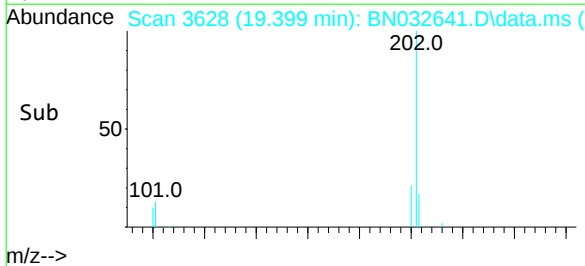
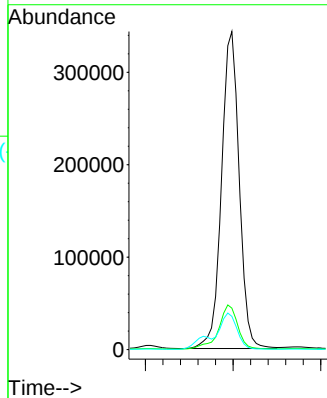
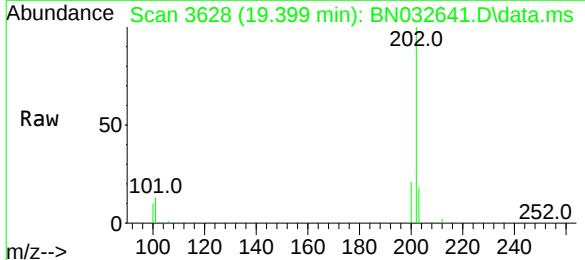
07/12/2024
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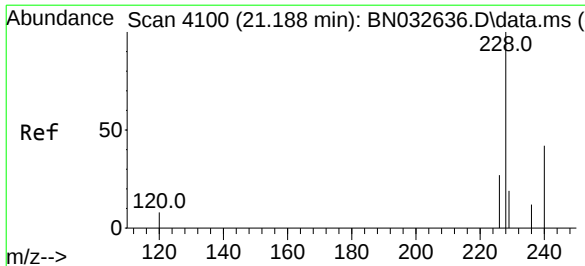
07/16/2024



#20
 Pyrene
 Concen: 7.337 ng/u1 m
 RT: 19.399 min Scan# 3628
 Delta R.T. -0.023 min
 Lab File: BN032641.D
 Acq: 11 Jul 2024 18:20

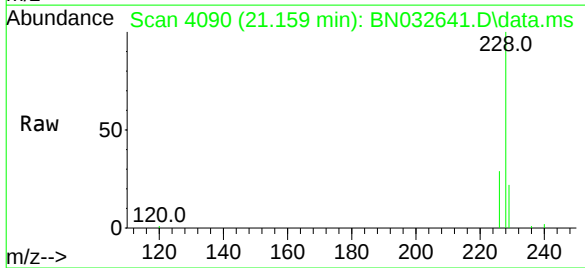
Tgt Ion:	202	Resp:	481320
Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.8	17.6
100	10.4	9.6	14.4





#21
Benzo(a)anthracene
Concen: 5.232 ng/ul m
RT: 21.159 min Scan# 4090
Delta R.T. -0.023 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

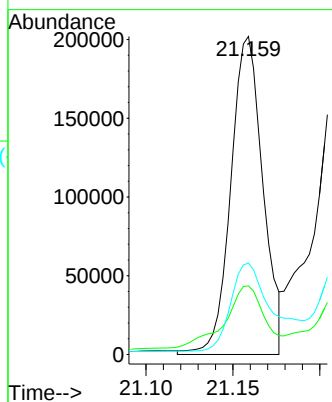
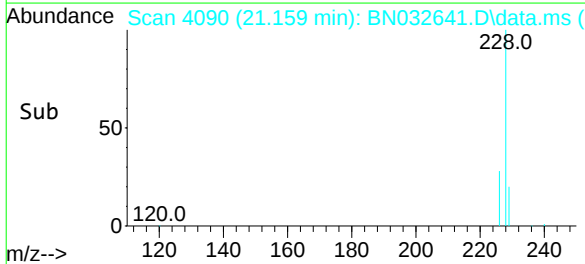
Instrument :
BNA_N
ClientSampleId :
A4CX3



Tgt Ion:228 Resp: 259581
Ion Ratio Lower Upper
228 100
229 21.6 16.1 24.1
226 28.8 21.9 32.9

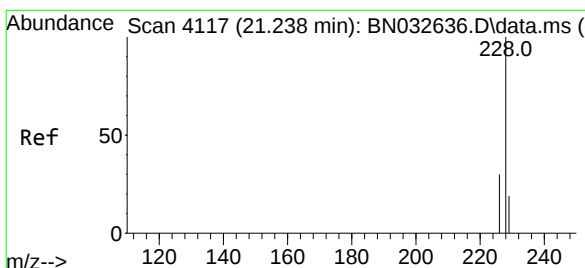
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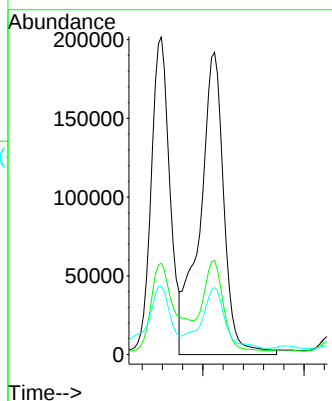
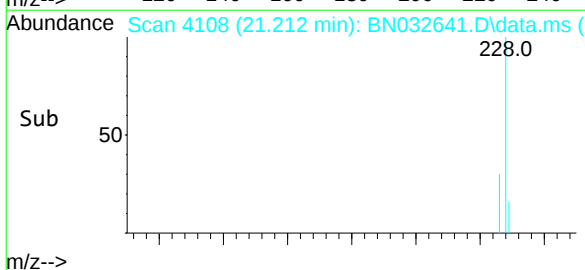
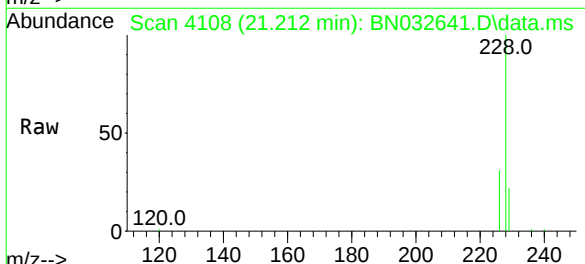
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ahmed

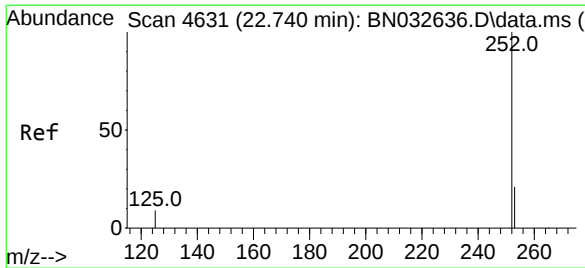
07/16/2024



#22
Chrysene
Concen: 4.431 ng/ul m
RT: 21.212 min Scan# 4108
Delta R.T. -0.020 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

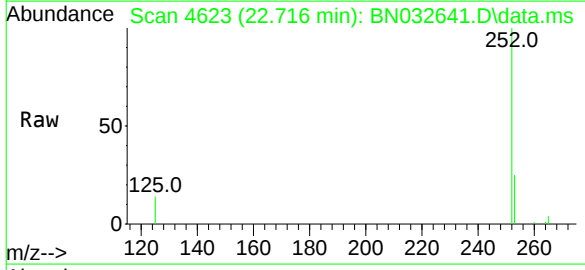
Tgt Ion:228 Resp: 318061
Ion Ratio Lower Upper
228 100
226 31.1 24.0 36.0
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 6.188 ng/ul m
RT: 22.716 min Scan# 4631
Delta R.T. -0.017 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

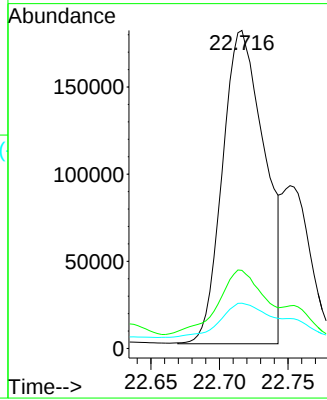
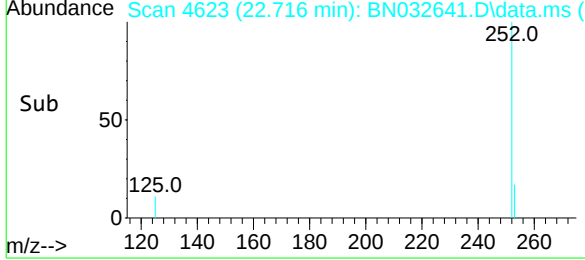
Instrument :
BNA_N
ClientSampleId :
A4CX3



Tgt Ion:252 Resp: 384653
Ion Ratio Lower Upper
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253 24.6 0.0 54.0
125 14.2 0.0 36.0

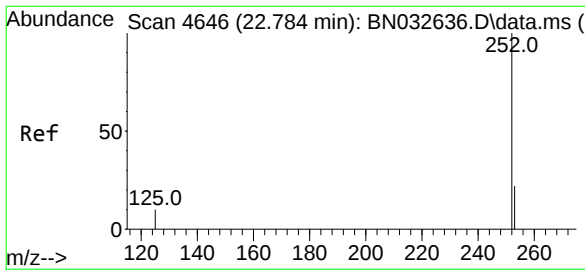
Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



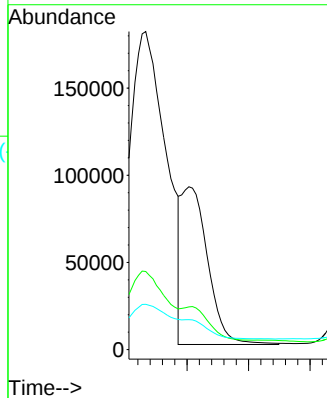
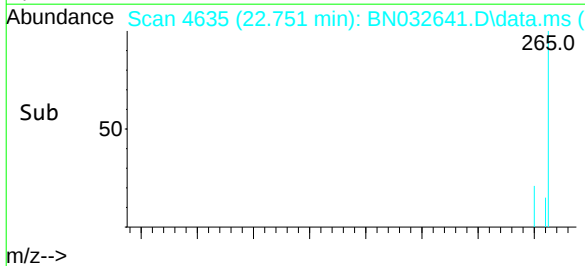
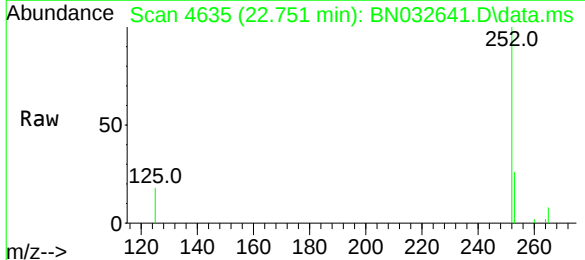
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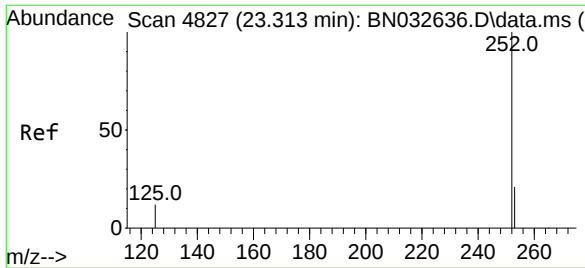
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#25
Benzo(k)fluoranthene
Concen: 1.784 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

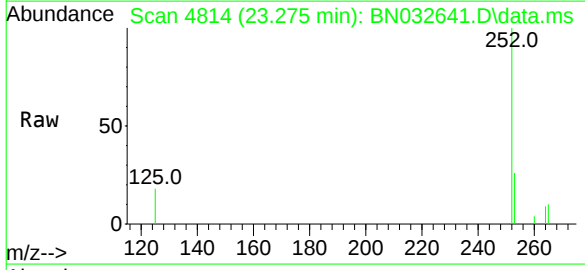
Tgt Ion:252 Resp: 135168
Ion Ratio Lower Upper
252 100
253 26.2 21.2 31.8
125 18.4 14.8 22.2





#26
Benzo(a)pyrene
Concen: 2.847 ng/ul m
RT: 23.275 min Scan# 4814
Delta R.T. -0.035 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

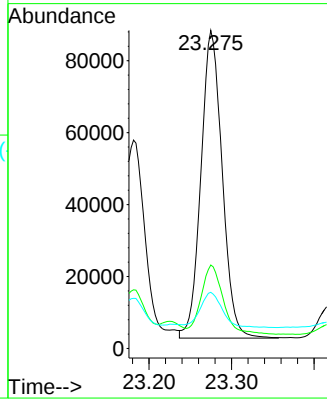
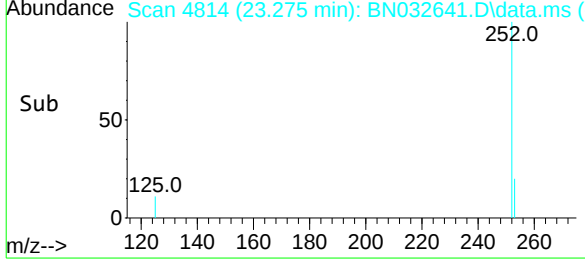
Instrument :
BNA_N
ClientSampleId :
A4CX3



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	25.4	38.0
125	17.7	20.6	30.8

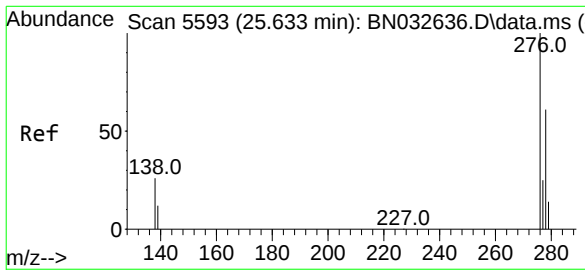
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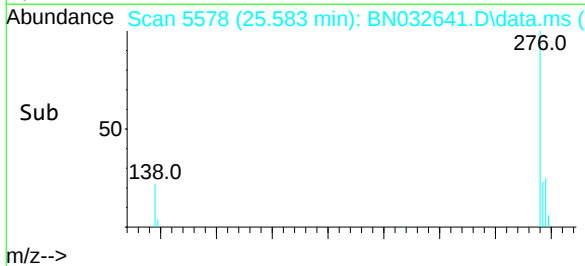
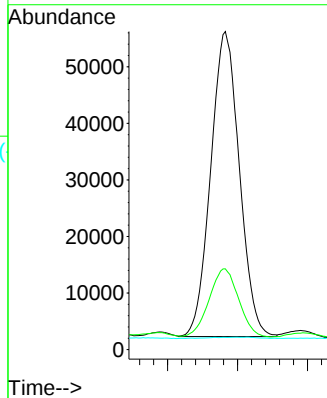
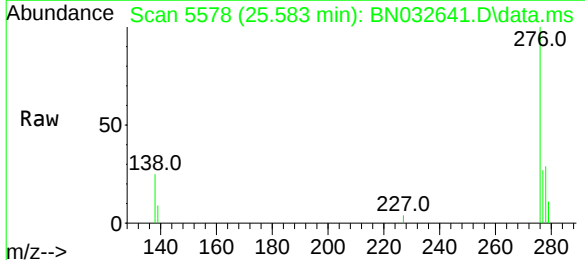
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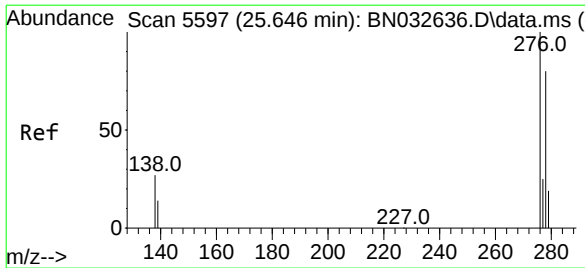
07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.108 ng/ul m
RT: 25.583 min Scan# 5578
Delta R.T. -0.044 min
Lab File: BN032641.D
Acq: 11 Jul 2024 18:20

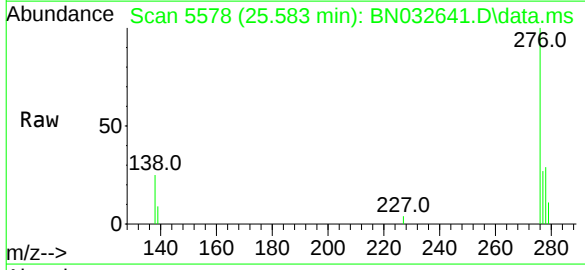
Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.9	21.6	32.4
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.951 ng/ul m
 RT: 25.583 min Scan# 5573
 Delta R.T. -0.057 min
 Lab File: BN032641.D
 Acq: 11 Jul 2024 18:20

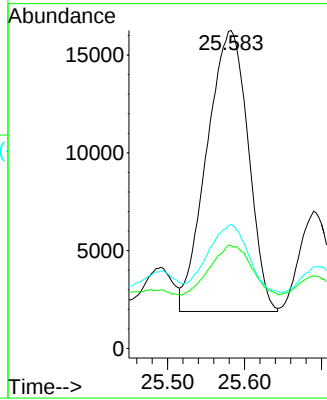
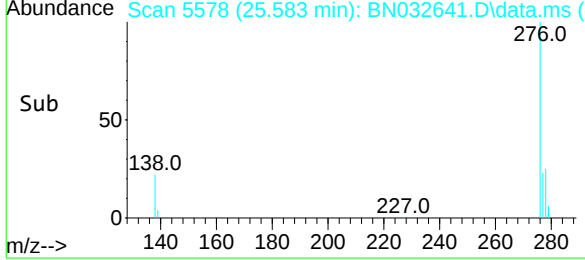
Instrument :
 BNA_N
 ClientSampleId :
 A4CX3



Tgt Ion:	278	Resp:	53673
Ion Ratio	Lower	Upper	
278	100		
139	32.4	16.6	24.8#
279	39.0	23.7	35.5#

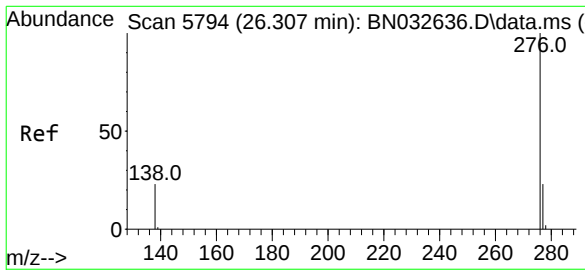
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#29
 Benzo(g,h,i)perylene
 Concen: 0.386 ng/ul m
 RT: 26.260 min Scan# 5780
 Delta R.T. -0.040 min
 Lab File: BN032641.D
 Acq: 11 Jul 2024 18:20

Tgt Ion:	276	Resp:	23502
Ion Ratio	Lower	Upper	
276	100		
138	40.1	21.0	31.4#
277	42.2	20.6	31.0#

