

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032647.D
 Acq On : 11 Jul 2024 21:57
 Operator : MA/JU
 Sample : P3035-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B96

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 01:56:42 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	7706	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	24531	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	13564	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.965	188	22648m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	16010m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	17439m	0.400	ng/ul	-0.03

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	28002	3.026	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	8606	0.232	ng/ul	-0.04
18) Fluoranthene-d10	19.004	212	13460	0.258	ng/ul	-0.02

Target Compounds						Qvalue
5) Naphthalene	10.376	128	3240	0.049	ng/ul#	93
7) 2-Methylnaphthalene	12.004	142	1379	0.034	ng/ul	100
8) 1-Methylnaphthalene	12.230	142	1181	0.028	ng/ul	100
10) Acenaphthylene	13.925	152	6643	0.121	ng/ul	95
11) Acenaphthene	14.267	153	3189	0.070	ng/ul	99
12) Fluorene	15.262	166	4112	0.079	ng/ul#	98
15) Phenanthrene	17.003	178	67213m	1.090	ng/ul	
16) Anthracene	17.096	178	14639m	0.291	ng/ul	
19) Fluoranthene	19.031	202	123072	1.891	ng/ul	99
20) Pyrene	19.399	202	130646	1.939	ng/ul	97
21) Benzo(a)anthracene	21.156	228	67074	1.316	ng/ul	97
22) Chrysene	21.209	228	58155	0.789	ng/ul	96
24) Benzo(b)fluoranthene	22.713	252	79404m	1.290	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	27135m	0.362	ng/ul	
26) Benzo(a)pyrene	23.272	252	63133	1.186	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.579	276	42482	0.589	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.579	278	10024	0.179	ng/ul#	51
29) Benzo(g,h,i)perylene	26.257	276	43559	0.723	ng/ul	96

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

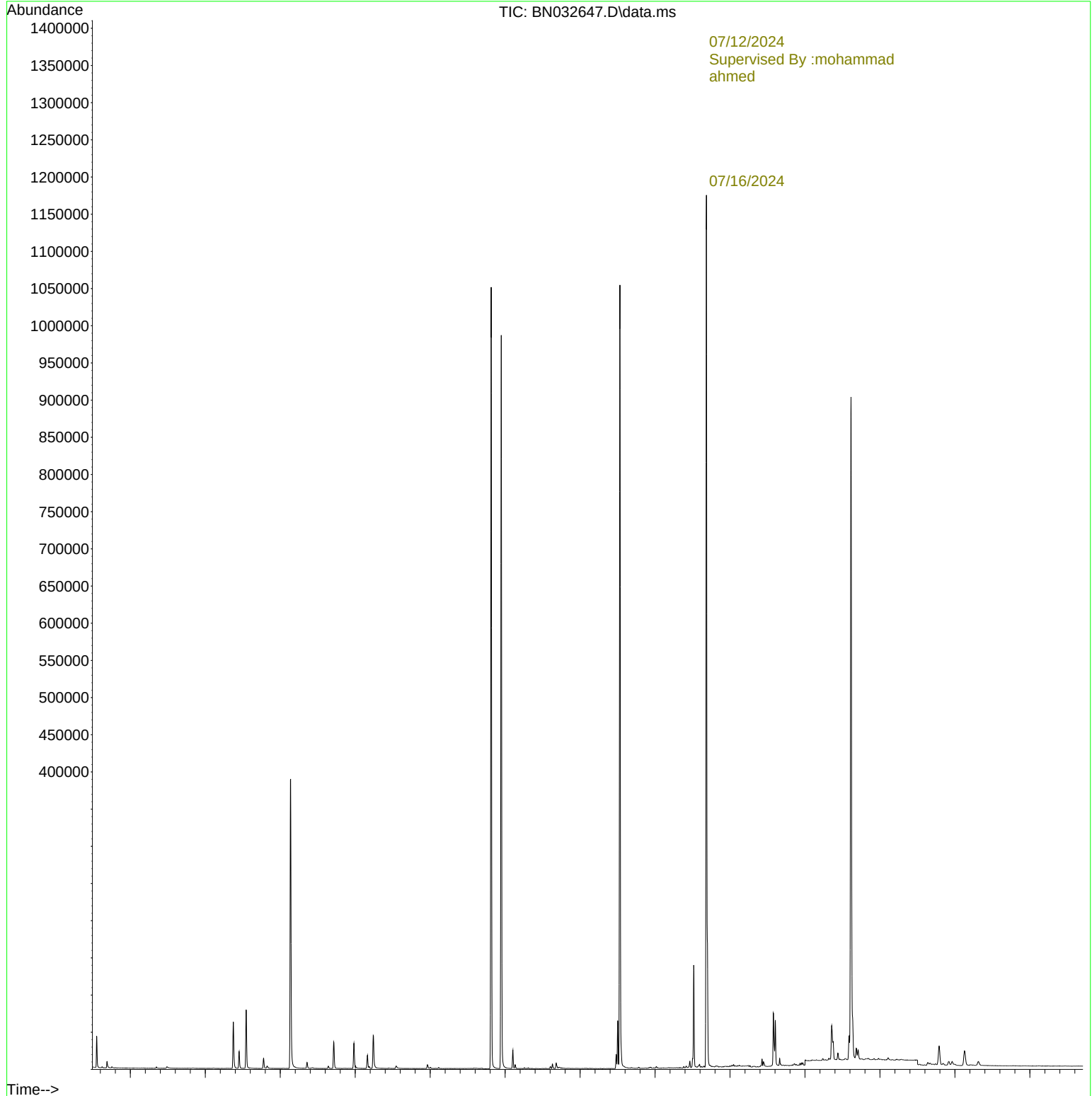
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032647.D
Acq On : 11 Jul 2024 21:57
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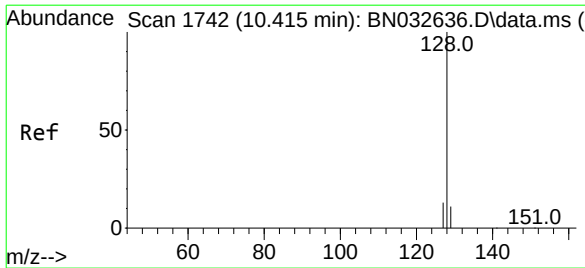
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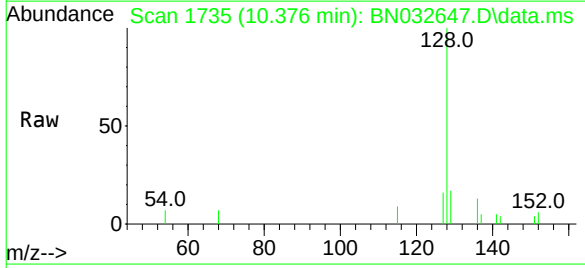
Quant Time: Jul 12 01:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





Naphthalene
 Concen: 0.049 ng/u1
 RT: 10.376 min Scan# 1742
 Delta R.T. -0.033 min
 Lab File: BN032647.D
 Acq: 11 Jul 2024 21:57

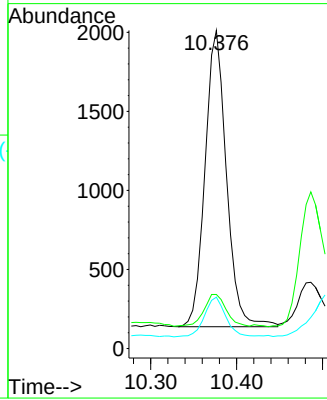
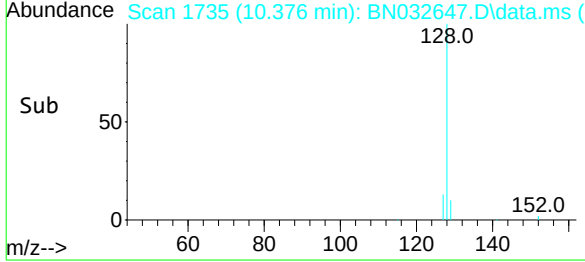
Instrument :
 BNA_N
 ClientSampleId :
 A4B96



Tgt Ion:128 Resp: 3240
 Ion Ratio Lower Upper
 128 100
 129 17.0 10.0 15.0
 127 16.2 11.6 17.4

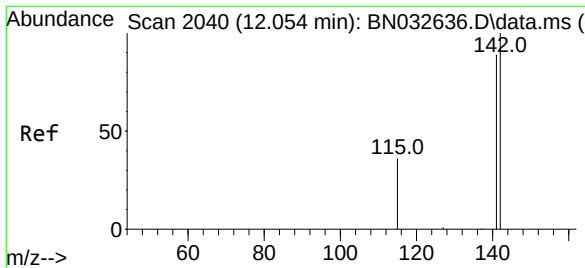
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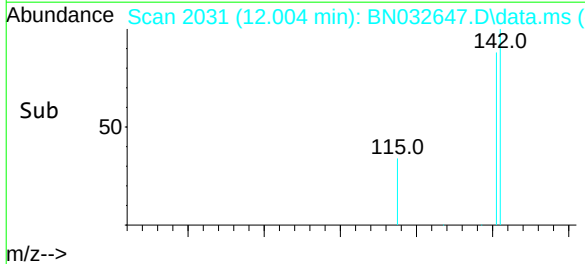
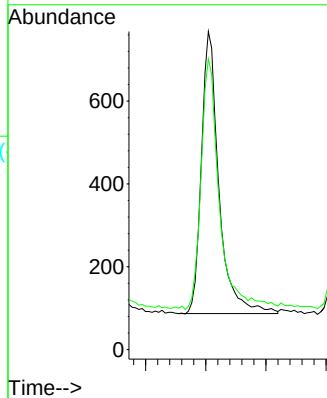
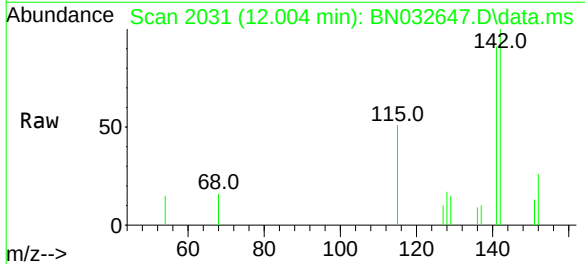
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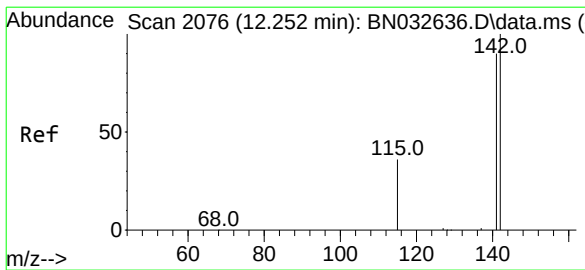
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2-Methylnaphthalene
 Concen: 0.034 ng/u1
 RT: 12.004 min Scan# 2031
 Delta R.T. -0.044 min
 Lab File: BN032647.D
 Acq: 11 Jul 2024 21:57

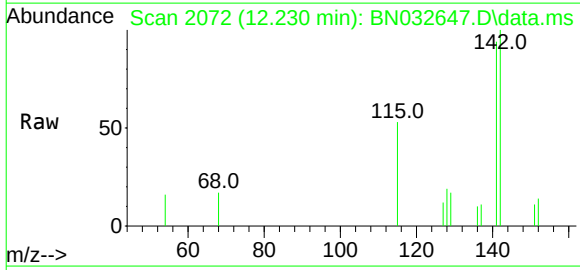
Tgt Ion:142 Resp: 1379
 Ion Ratio Lower Upper
 142 100
 141 92.7 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.230 min Scan# 2076
Delta R.T. -0.016 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

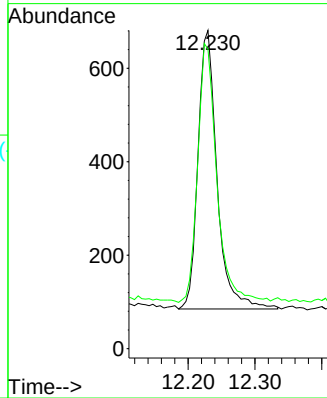
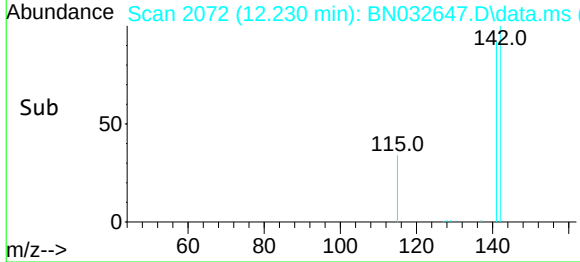
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1181
Ion Ratio Lower Upper
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141 93.2 75.0 112.4

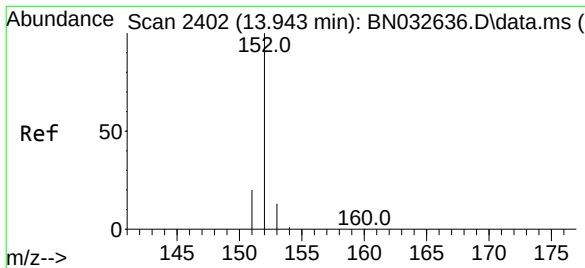
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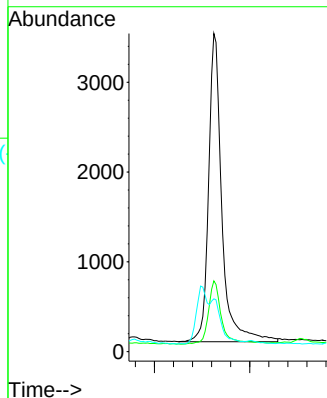
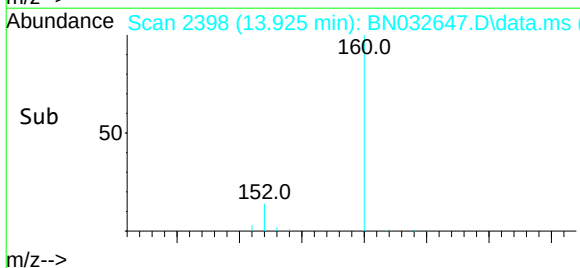
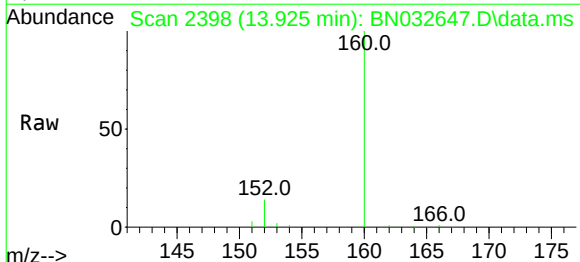
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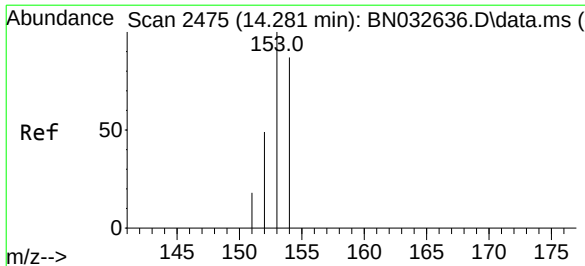
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#10
Acenaphthylene
Concen: 0.121 ng/ul
RT: 13.925 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

Tgt Ion:152 Resp: 6643
Ion Ratio Lower Upper
152 100
151 22.2 16.3 24.5
153 16.6 11.3 16.9





#11

Acenaphthene

Concen: 0.070 ng/u1

RT: 14.267 min Scan# 2475

Delta R.T. -0.014 min

Lab File: BN032647.D

Acq: 11 Jul 2024 21:57

Instrument :

BNA_N

ClientSampleId :

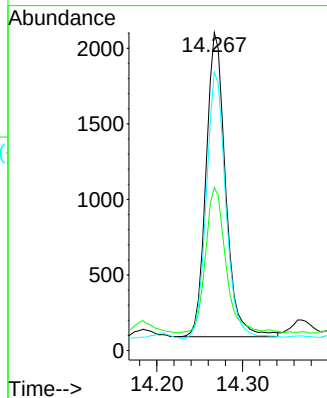
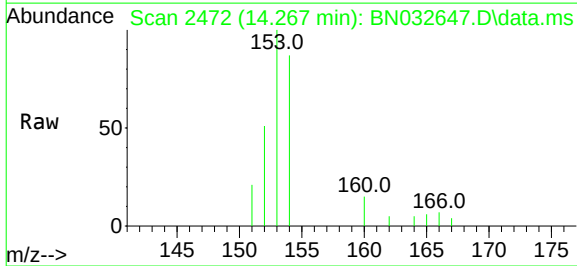
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Tgt Ion:	153	Resp:	3189
Ion Ratio	Lower	Upper	
153	100		
152	51.3	40.0	60.0
154	87.5	70.2	105.4

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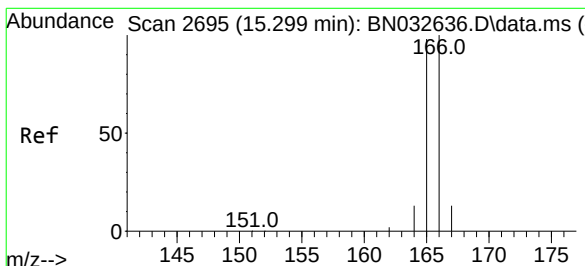
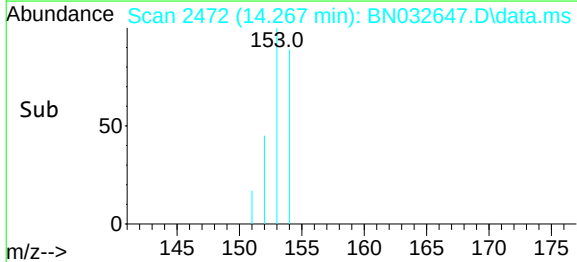
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#12

Fluorene

Concen: 0.079 ng/u1

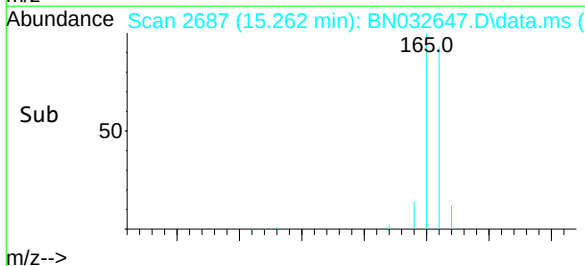
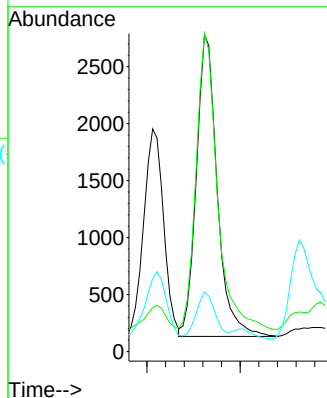
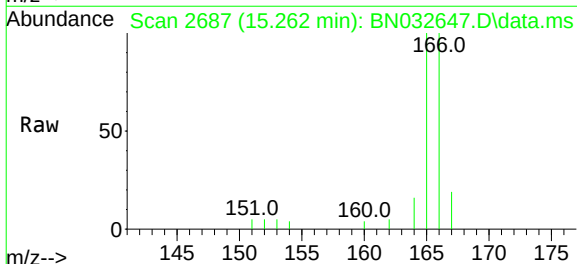
RT: 15.262 min Scan# 2687

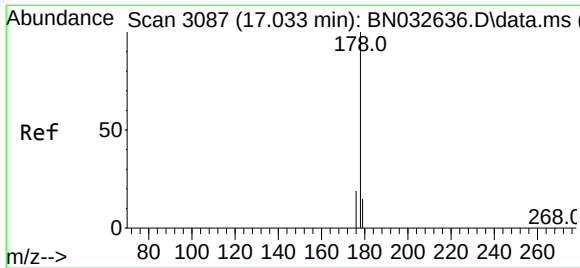
Delta R.T. -0.028 min

Lab File: BN032647.D

Acq: 11 Jul 2024 21:57

Tgt Ion:	166	Resp:	4112
Ion Ratio	Lower	Upper	
166	100		
165	100.4	79.7	119.5
167	18.8	11.4	17.2#





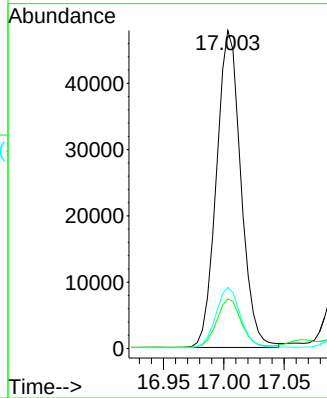
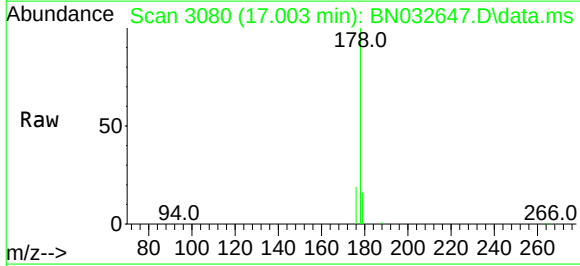
#15
Phenanthrene
Concen: 1.090 ng/ul m
RT: 17.003 min Scan# 3087
Delta R.T. -0.025 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

Instrument :
BNA_N
ClientSampleId :
A4B96

Tgt Ion:178 Resp: 67213
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.2 15.6 23.4

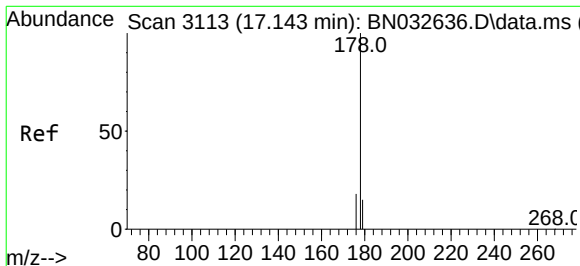
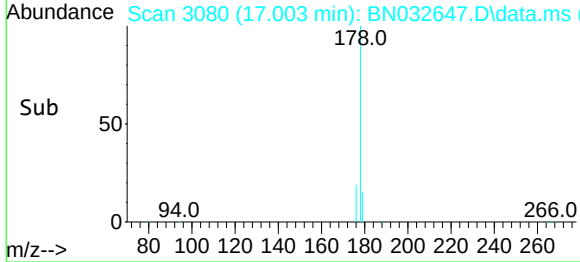
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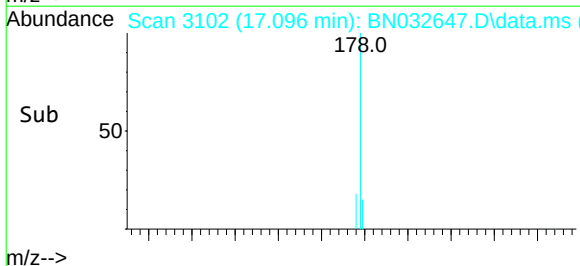
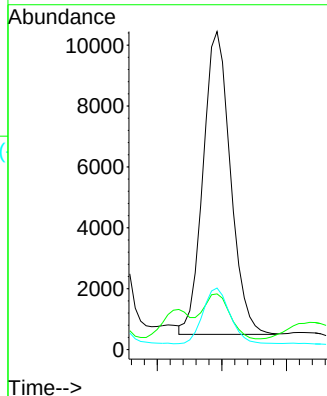
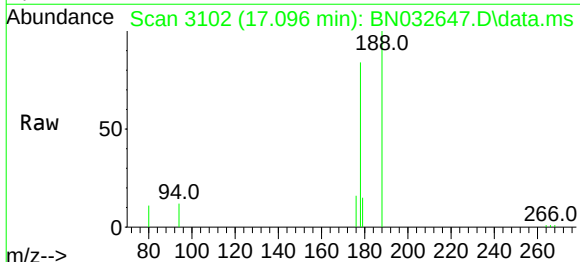
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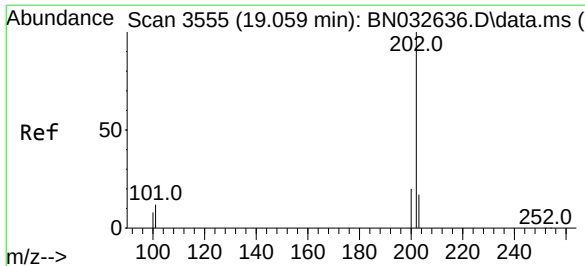
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#16
Anthracene
Concen: 0.291 ng/ul m
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

Tgt Ion:178 Resp: 14639
Ion Ratio Lower Upper
178 100
179 17.5 13.4 20.2
176 19.4 15.4 23.0





#19

Fluoranthene

Concen: 1.891 ng/u1

RT: 19.031 min Scan# 35

Delta R.T. -0.023 min

Lab File: BN032647.D

Acq: 11 Jul 2024 21:57

Instrument :

BNA_N

ClientSampleId :

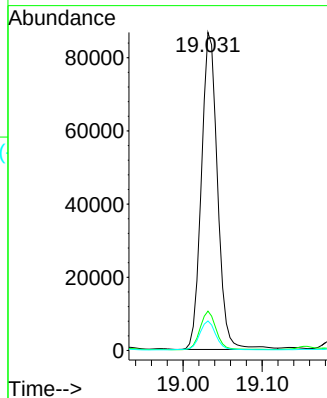
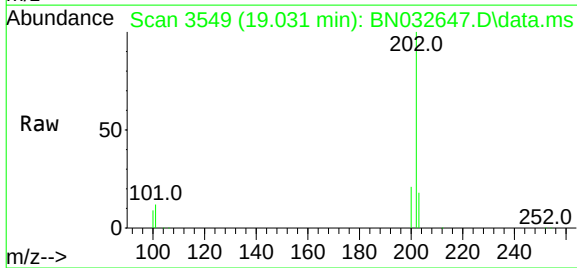
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Tgt	Ion:202	Resp:	123072
Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
100	9.3	7.9	11.9

Manual Integrations

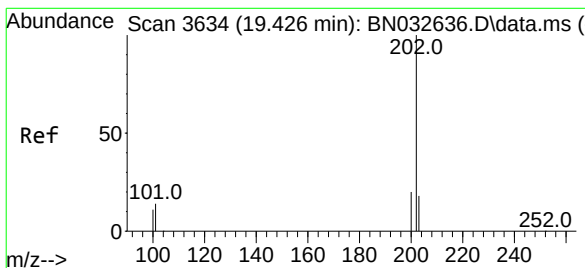
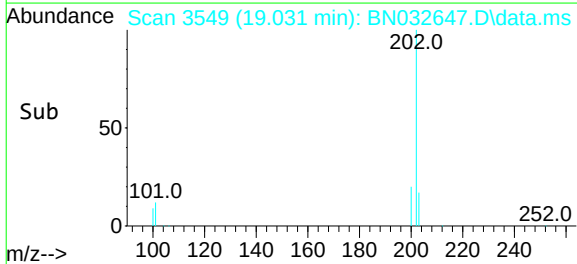
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#20

Pyrene

Concen: 1.939 ng/u1

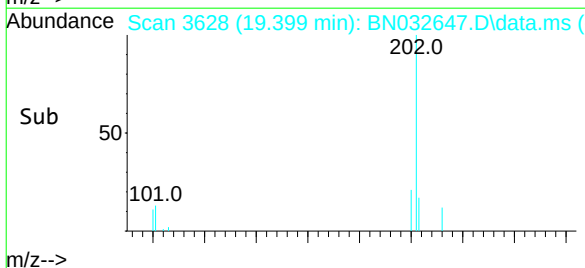
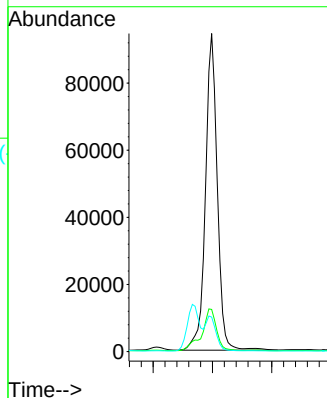
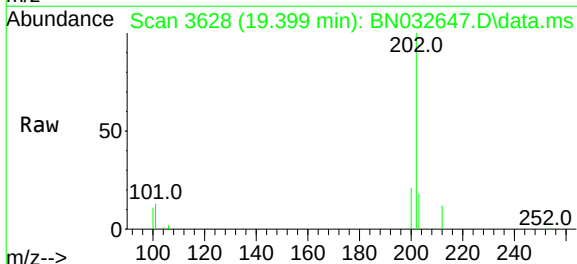
RT: 19.399 min Scan# 3628

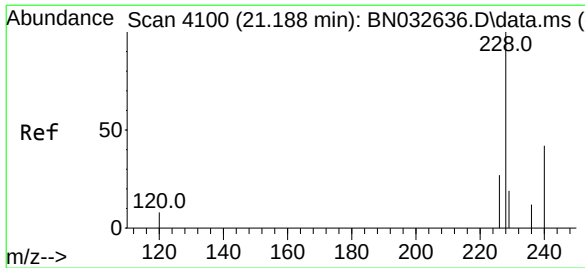
Delta R.T. -0.023 min

Lab File: BN032647.D

Acq: 11 Jul 2024 21:57

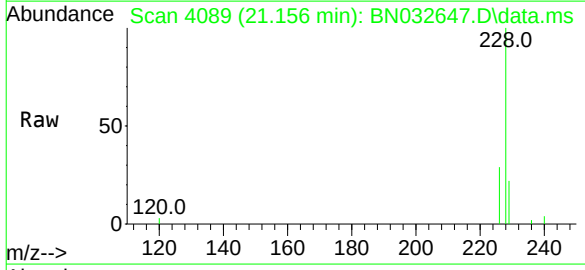
Tgt	Ion:202	Resp:	130646
Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.8	17.6
100	10.9	9.6	14.4





#21
Benzo(a)anthracene
Concen: 1.316 ng/u1
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

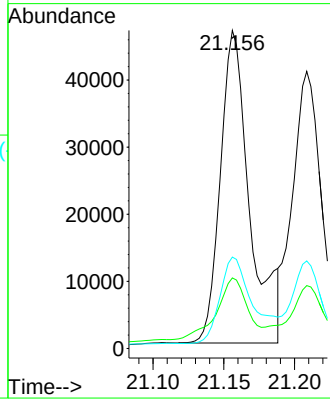
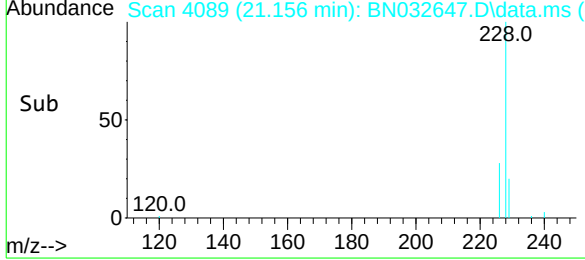
Instrument :
BNA_N
ClientSampleId :
A4B96



Tgt Ion:	228	Resp:	67074
Ion Ratio	Lower	Upper	
228	100		
229	22.2	16.1	24.1
226	28.7	21.9	32.9

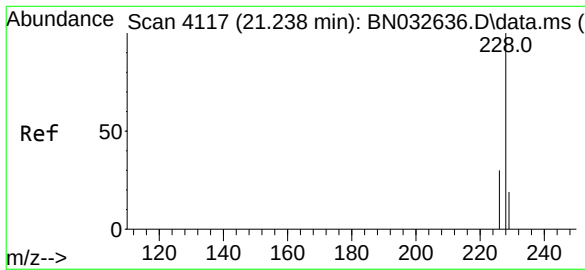
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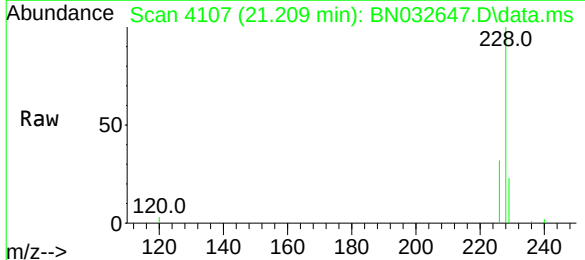


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ahmed

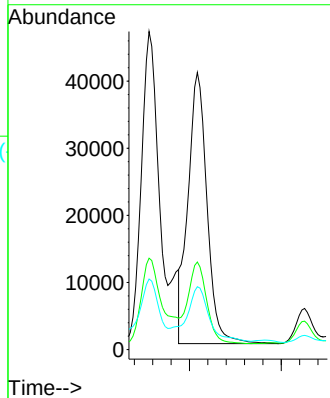
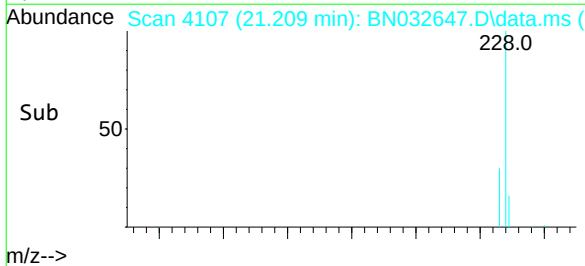
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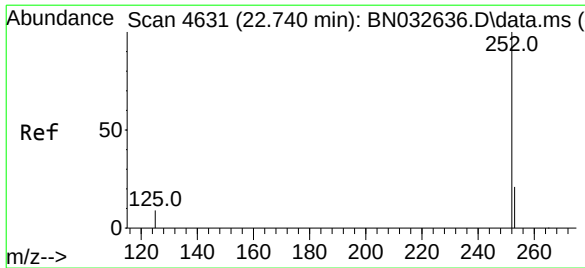


#22
Chrysene
Concen: 0.789 ng/u1
RT: 21.209 min Scan# 4107
Delta R.T. -0.023 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57



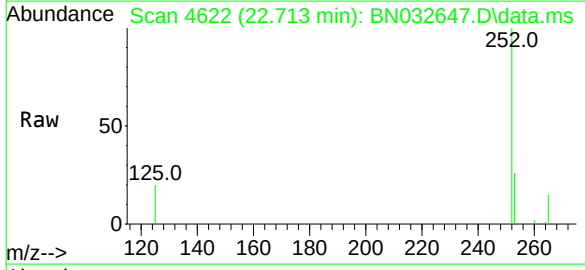
Tgt Ion:	228	Resp:	58155
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.0	36.0
229	22.7	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 1.290 ng/ul m
RT: 22.713 min Scan# 4631
Delta R.T. -0.020 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

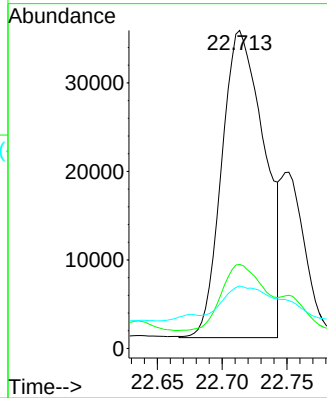
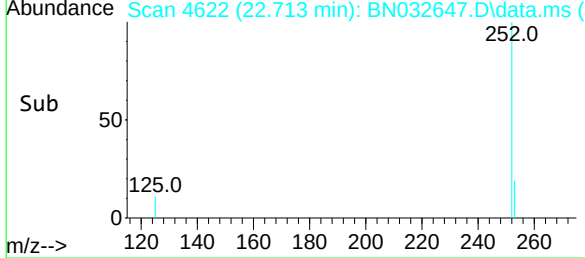
Instrument :
BNA_N
ClientSampleId :
A4B96



Tgt Ion:252 Resp: 79404
Ion Ratio Lower Upper
252 100
253 26.4 0.0 54.0
125 19.7 0.0 36.0

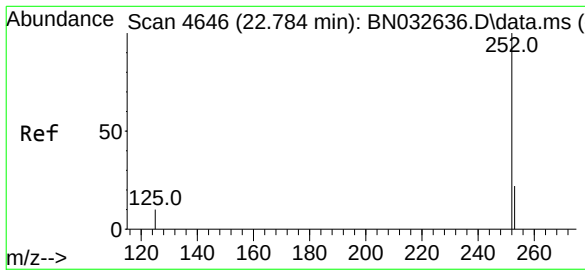
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Supervised By :mohammad ahmed 07/16/2024



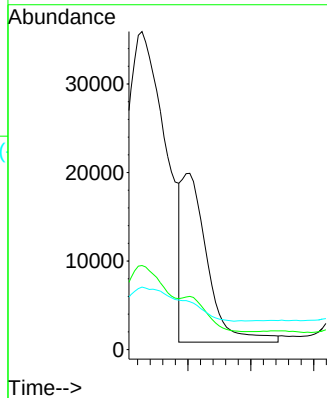
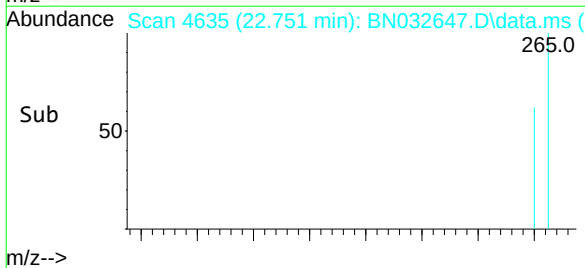
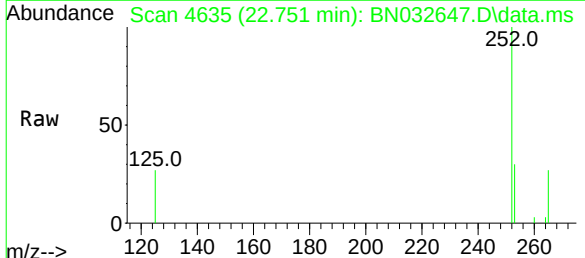
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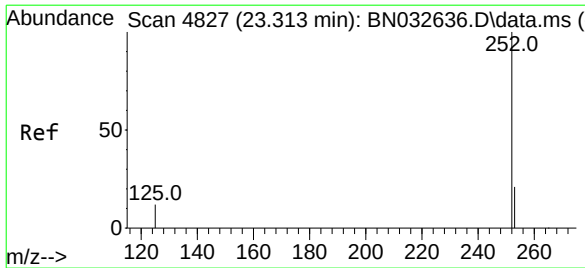
07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

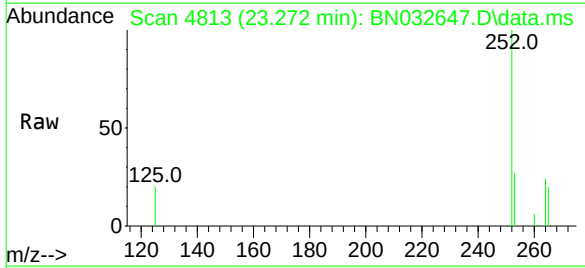
Tgt Ion:252 Resp: 27135
Ion Ratio Lower Upper
252 100
253 30.2 21.2 31.8
125 27.2 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 1.186 ng/u1
RT: 23.272 min Scan# 4813
Delta R.T. -0.038 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57

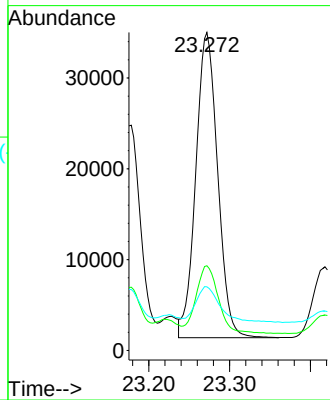
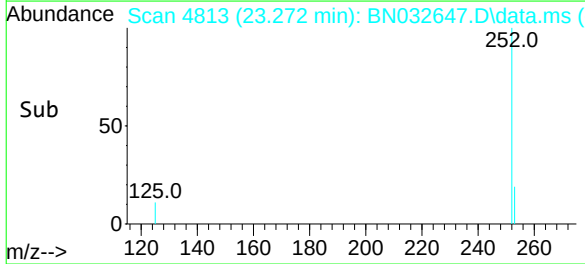
Instrument :
BNA_N
ClientSampleId :
A4B96



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	25.4	38.0
125	20.0	20.6	30.8

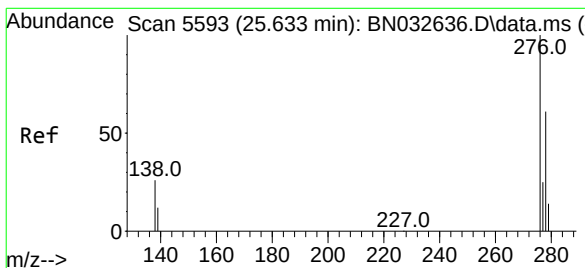
Manual Integrations
APPROVED

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

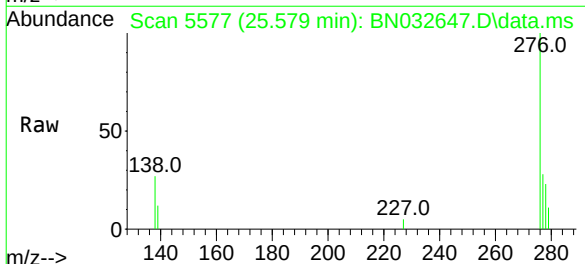


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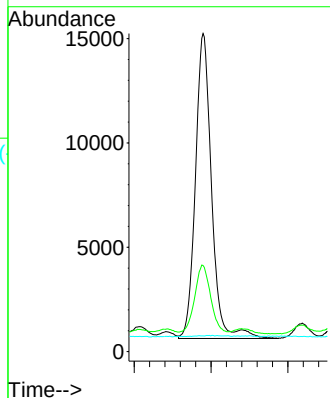
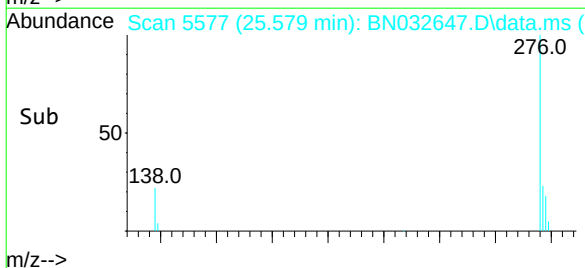
07/16/2024

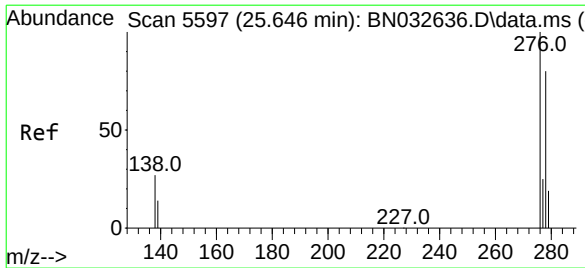


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.589 ng/u1
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032647.D
Acq: 11 Jul 2024 21:57



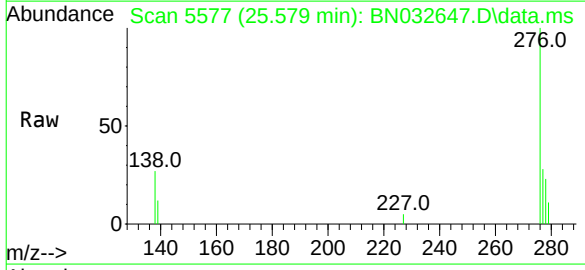
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	21.6	32.4
227	0.2	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.179 ng/ul
 RT: 25.579 min Scan# 5577
 Delta R.T. -0.060 min
 Lab File: BN032647.D
 Acq: 11 Jul 2024 21:57

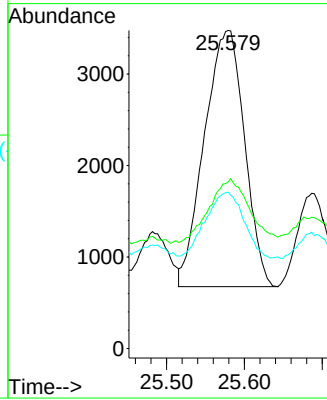
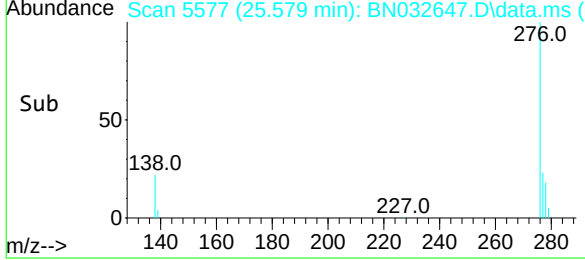
Instrument :
 BNA_N
 ClientSampleId :
 A4B96



Tgt Ion	Ratio	Lower	Upper
278	100		
139	52.4	16.6	24.8
279	49.1	23.7	35.5

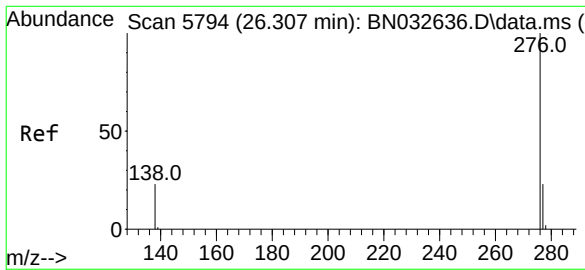
Manual Integrations
 APPROVED

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

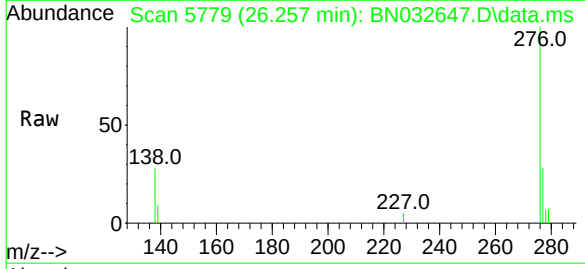


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#29
 Benzo(g,h,i)perylene
 Concen: 0.723 ng/ul
 RT: 26.257 min Scan# 5779
 Delta R.T. -0.044 min
 Lab File: BN032647.D
 Acq: 11 Jul 2024 21:57



Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.0	31.4
277	28.3	20.6	31.0

