

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027435.D
 Acq On : 07 Sep 2023 09:52
 Operator : MA/JU
 Sample : 04113-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYH8

Manual Integrations
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Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 01:55:41 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							09/08/2023 Supervised By :mohammad ahmed
1) 1,4-Dichlorobenzene-d4	8.051	152	5846	0.400	ng/ul	# 0.00	
4) Naphthalene-d8	10.878	136	20546	0.400	ng/ul	# 0.00	
9) Acenaphthene-d10	14.684	164	12614	0.400	ng/ul	# 0.00	
13) Phenanthrene-d10	17.434	188	29127	0.400	ng/ul	# 0.00	
17) Chrysene-d12	21.618	240	22140	0.400	ng/ul	# 0.00	
23) Perylene-d12	24.140	264	21835	0.400	ng/ul	# 0.00	09/09/2023
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.410	96	16380	2.106	ng/ul	0.00	
6) 2-Methylnaphthalene-d10	12.451	152	5242	0.168	ng/ul	0.00	
18) Fluoranthene-d10	19.455	212	14530	0.192	ng/ul	0.00	
Target Compounds							Qvalue
5) Naphthalene	10.927	128	162226	2.722	ng/ul		98
7) 2-Methylnaphthalene	12.528	142	139225	3.734	ng/ul		99
8) 1-Methylnaphthalene	12.742	142	107416	2.704	ng/ul		100
10) Acenaphthylene	14.416	152	264219	4.575	ng/ul		99
11) Acenaphthene	14.749	153	131019	2.637	ng/ul		98
12) Fluorene	15.730	166	267097	4.798	ng/ul		99
15) Phenanthrene	17.481	178	2842031	29.954	ng/ul		99
16) Anthracene	17.569	178	1272856	16.874	ng/ul		99
19) Fluoranthene	19.492	202	5784306	56.813	ng/ul		99
20) Pyrene	19.859	202	5405253m	52.142	ng/ul		
21) Benzo(a)anthracene	21.600	228	3115733	39.066	ng/ul		96
22) Chrysene	21.656	228	4215285	45.272	ng/ul		96
24) Benzo(b)fluoranthene	23.360	252	5615351m	54.455	ng/ul		
25) Benzo(k)fluoranthene	23.407	252	1874501m	18.592	ng/ul		
26) Benzo(a)pyrene	24.029	252	3423296	42.508	ng/ul#		88
27) Indeno(1,2,3-cd)pyrene	26.803	276	3001044	33.548	ng/ul#		87
28) Dibenzo(a,h)anthracene	26.817	278	814978	11.916	ng/ul		99
29) Benzo(g,h,i)perylene	27.645	276	3032000	37.557	ng/ul		96

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

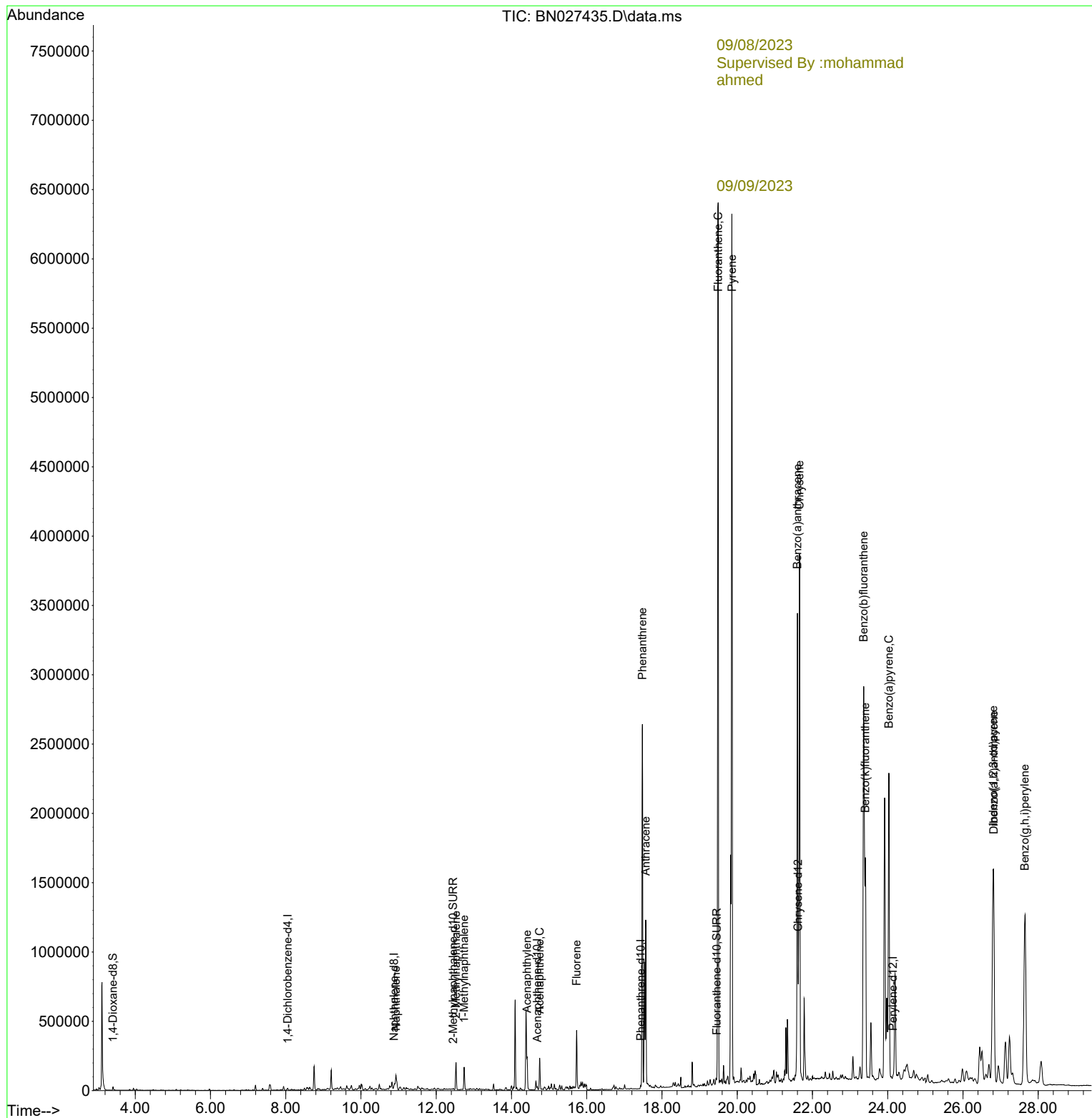
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
Data File : BN027435.D
Acq On : 07 Sep 2023 09:52
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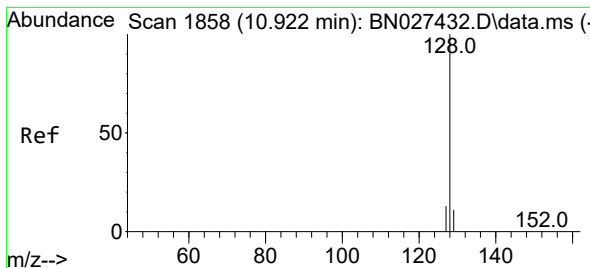
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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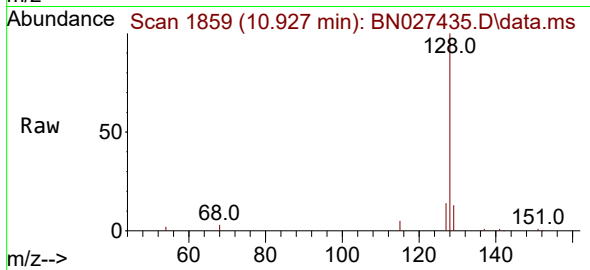
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023





#5
Naphthalene
Concen: 2.722 ng/ul
RT: 10.927 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

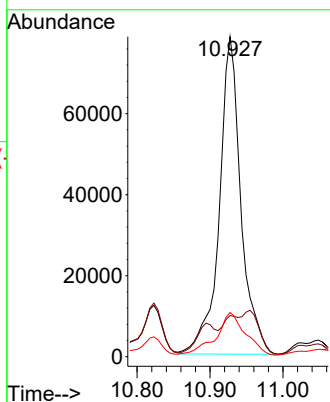
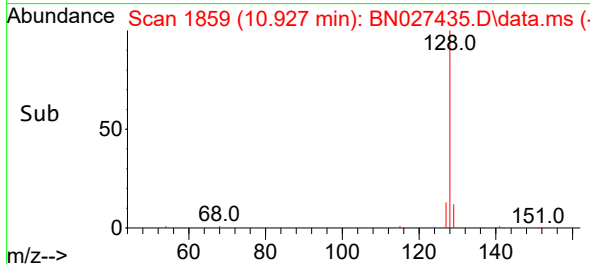
Instrument :
BNA_N
ClientSampleId :
EZYH8



Tgt Ion:128 Resp: 162220
Ion Ratio Lower Upper
128 100
129 12.9 9.4 14.0
127 13.8 10.6 16.0

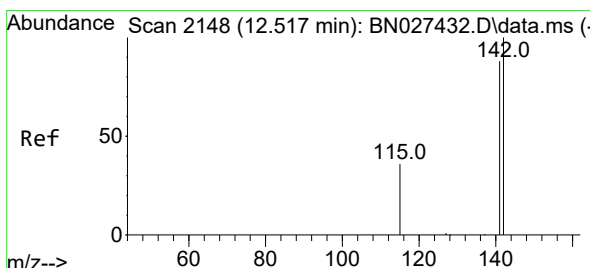
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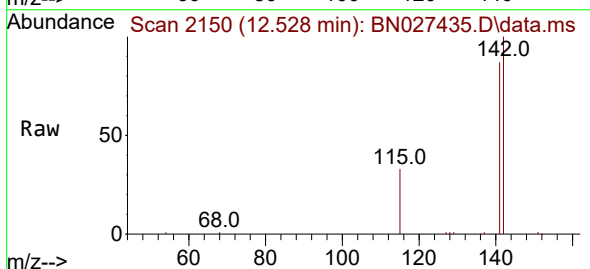


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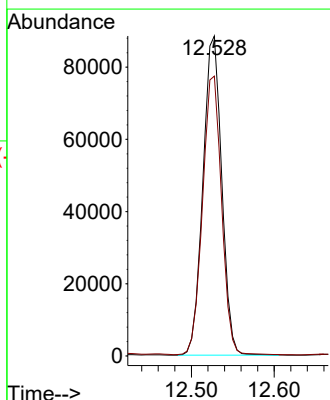
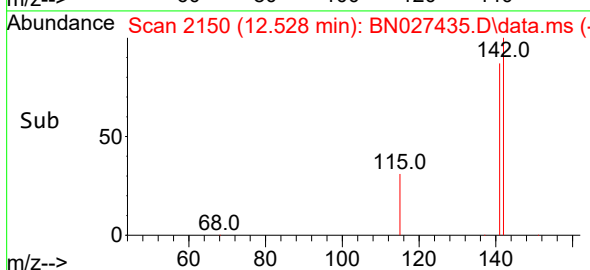
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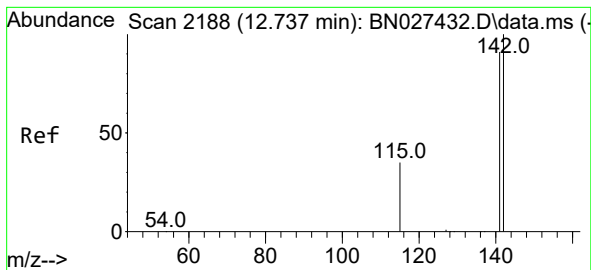


#7
2-Methylnaphthalene
Concen: 3.734 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52



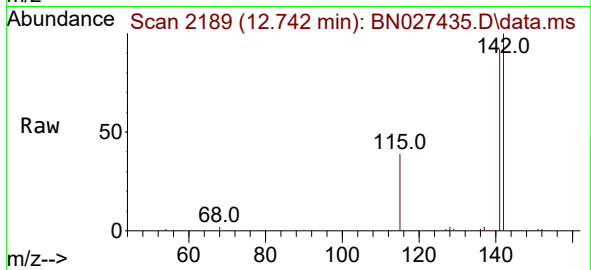
Tgt Ion:142 Resp: 139225
Ion Ratio Lower Upper
142 100
141 88.1 71.6 107.4





#8
1-Methylnaphthalene
Concen: 2.704 ng/ul
RT: 12.742 min Scan# 2188
Delta R.T. -0.005 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

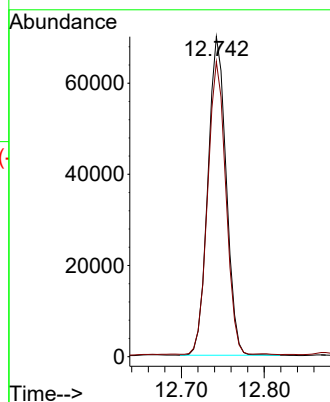
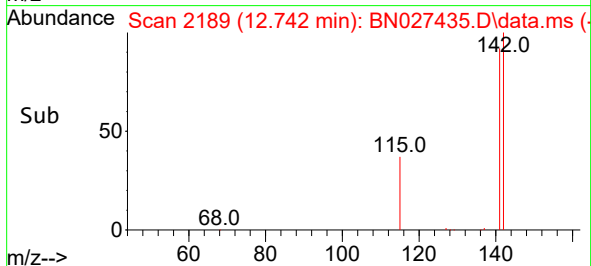
Instrument :
BNA_N
ClientSampleId :
EZYH8



Tgt Ion:142 Resp: 107410
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4

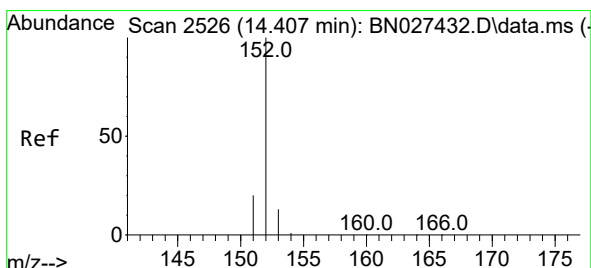
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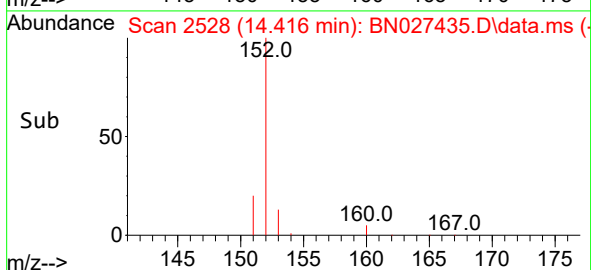
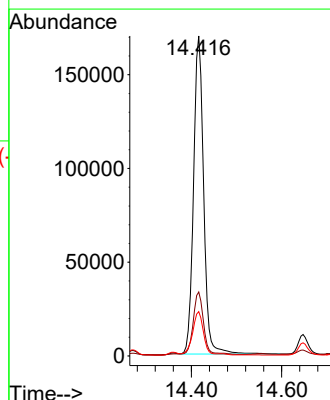
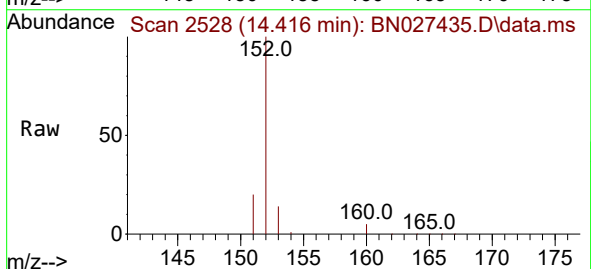
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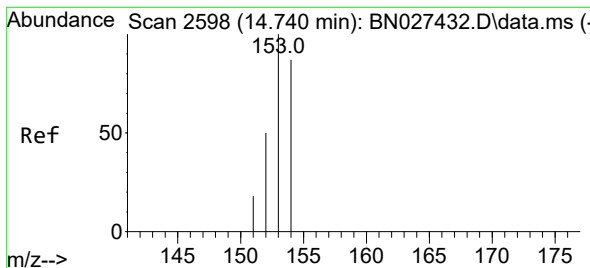
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#10
Acenaphthylene
Concen: 4.575 ng/ul
RT: 14.416 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

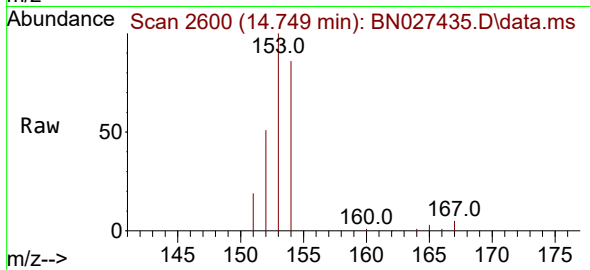
Tgt Ion:152 Resp: 264219
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.8 11.1 16.7





#11
Acenaphthene
Concen: 2.637 ng/ul
RT: 14.749 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

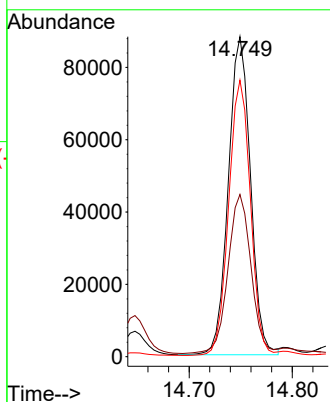
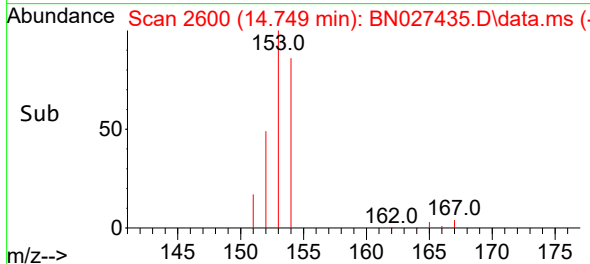
Instrument :
BNA_N
ClientSampleId :
EZYH8



Tgt Ion:153 Resp: 131019
Ion Ratio Lower Upper
153 100
152 50.7 42.9 64.3
154 86.4 69.4 104.0

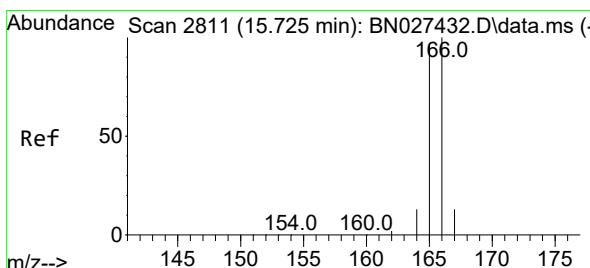
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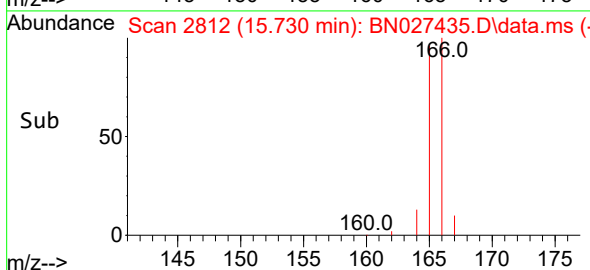
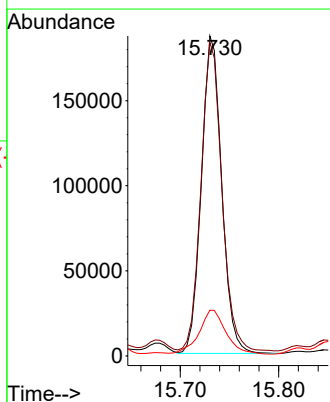
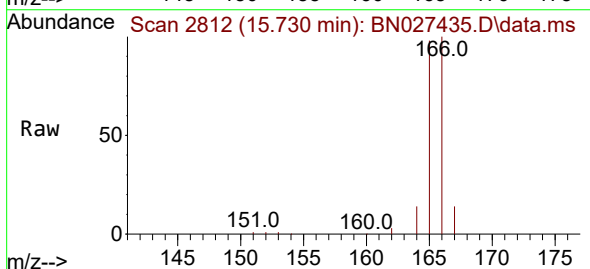
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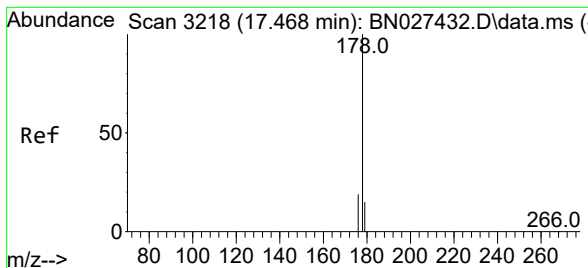
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#12
Fluorene
Concen: 4.798 ng/ul
RT: 15.730 min Scan# 2812
Delta R.T. -0.009 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

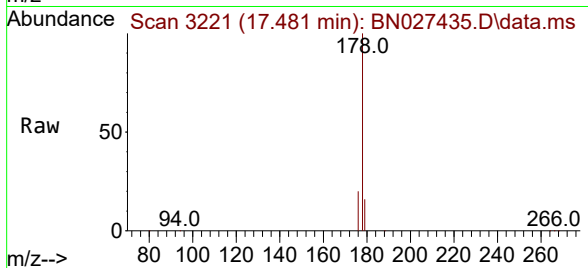
Tgt Ion:166 Resp: 267097
Ion Ratio Lower Upper
166 100
165 98.0 79.6 119.4
167 14.3 11.4 17.0





#15
Phenanthrene
Concen: 29.954 ng/u1
RT: 17.481 min Scan# 3218
Delta R.T. 0.000 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

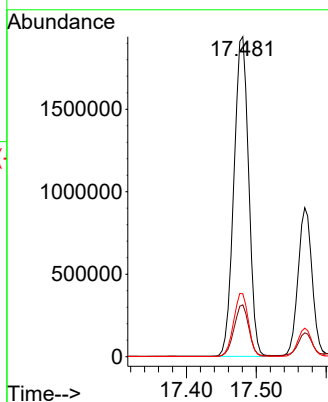
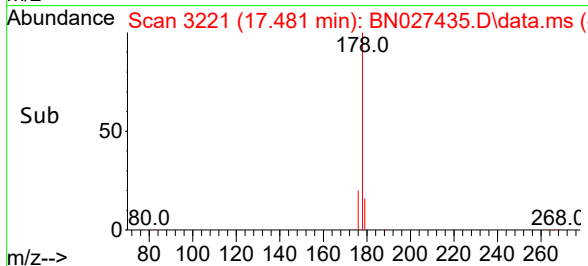
Instrument :
BNA_N
ClientSampleId :
EZYH8



Tgt Ion:178 Resp: 284203
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.7 15.8 23.8

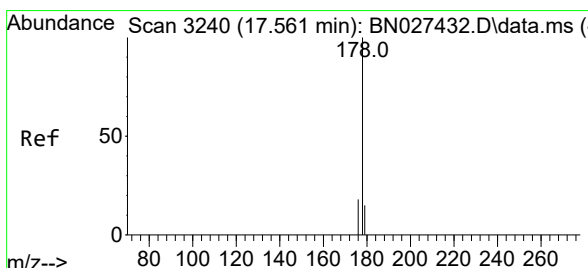
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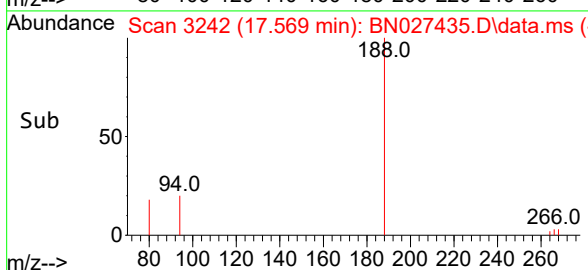
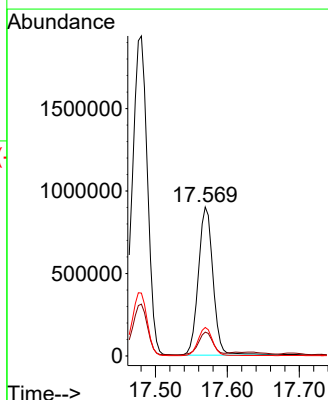
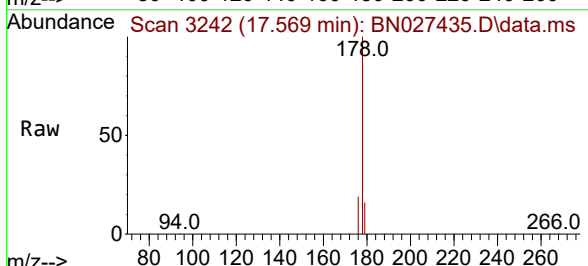
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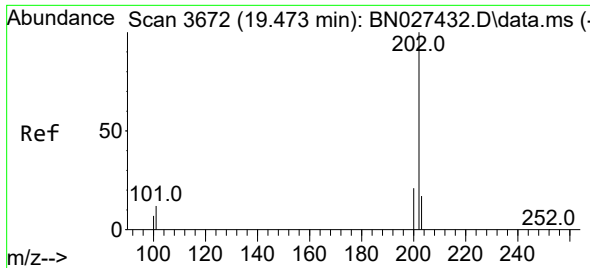
09/09/2023



#16
Anthracene
Concen: 16.874 ng/u1
RT: 17.569 min Scan# 3242
Delta R.T. -0.004 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

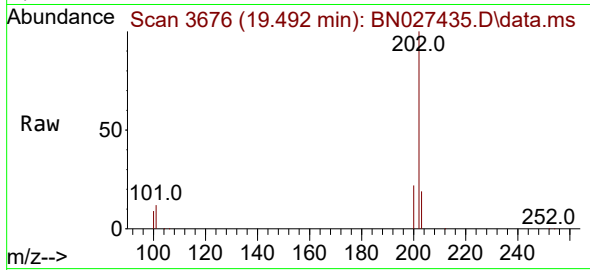
Tgt Ion:178 Resp: 1272856
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.2 15.6 23.4





#19
Fluoranthene
Concen: 56.813 ng/ul
RT: 19.492 min Scan# 3676
Delta R.T. 0.005 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

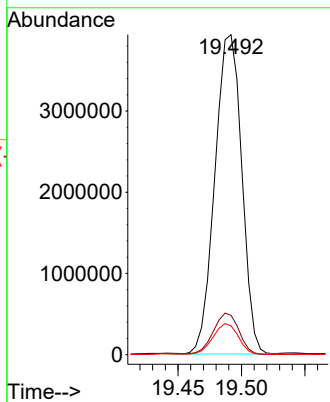
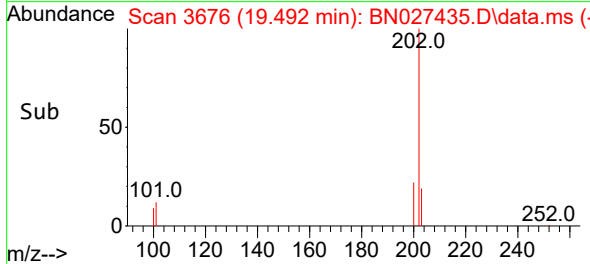
Instrument :
BNA_N
ClientSampleId :
EZYH8



Tgt Ion:202 Resp: 5784300
Ion Ratio Lower Upper
202 100
101 12.3 9.4 14.0
100 9.0 6.9 10.3

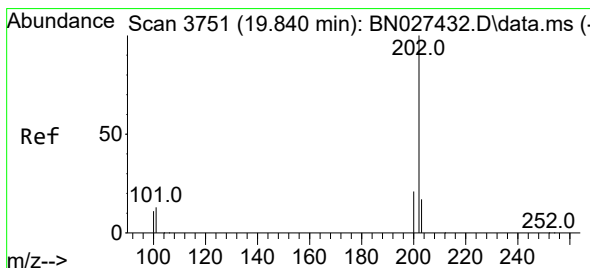
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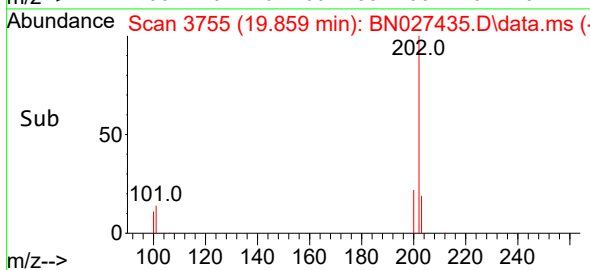
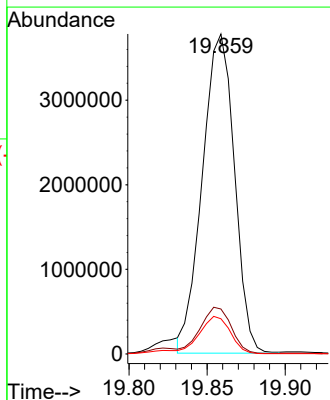
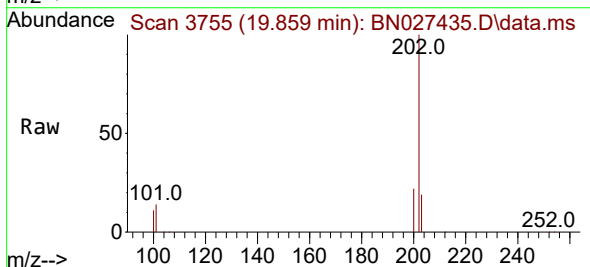
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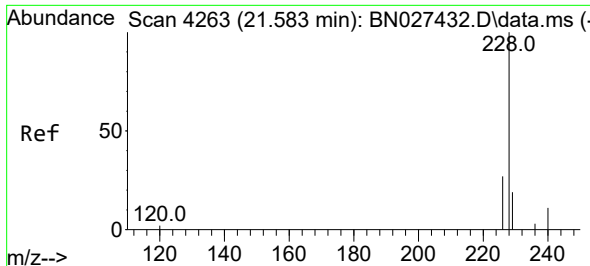
09/09/2023



#20
Pyrene
Concen: 52.142 ng/ul m
RT: 19.859 min Scan# 3755
Delta R.T. 0.009 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

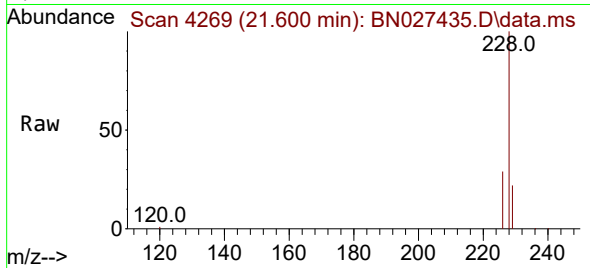
Tgt Ion:202 Resp: 5405253
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.2
100 11.0 9.4 14.2





#21
Benzo(a)anthracene
Concen: 39.066 ng/ul
RT: 21.600 min Scan# 4269
Delta R.T. 0.009 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

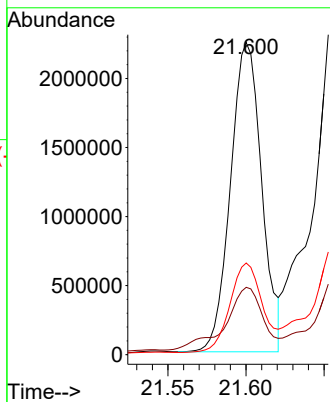
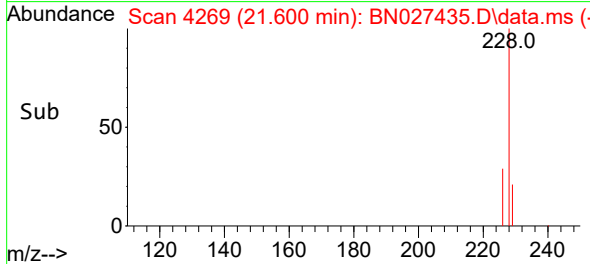
Instrument :
BNA_N
ClientSampleId :
EZYH8



Tgt Ion:228 Resp: 311573
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 29.4 22.0 33.0

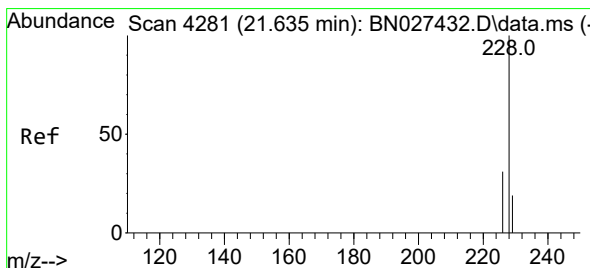
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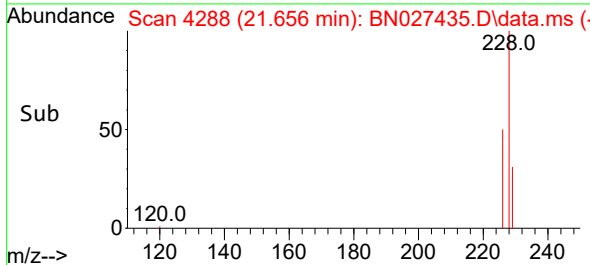
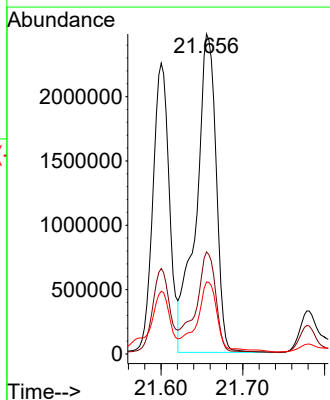
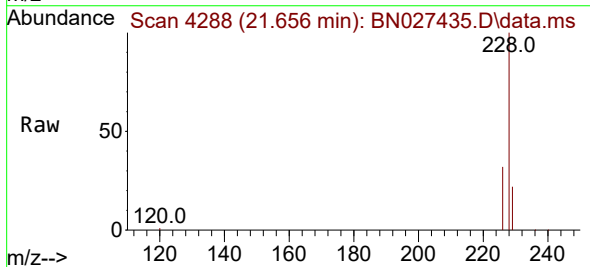
09/08/2023
Supervised By :mohammad
ahmed

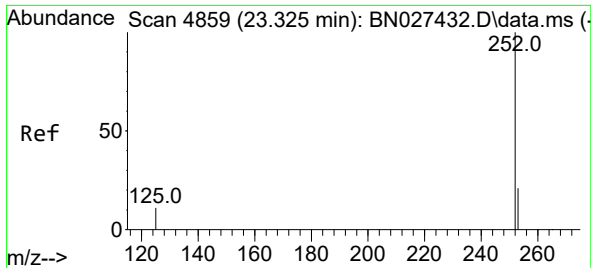
09/09/2023



#22
Chrysene
Concen: 45.272 ng/ul
RT: 21.656 min Scan# 4288
Delta R.T. 0.009 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

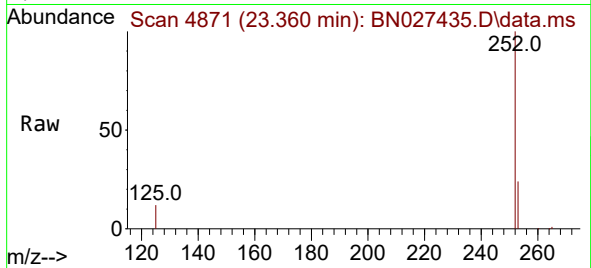
Tgt Ion:228 Resp: 4215285
Ion Ratio Lower Upper
228 100
226 31.9 24.4 36.6
229 22.5 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 54.455 ng/ul m
RT: 23.360 min Scan# 4871
Delta R.T. 0.015 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

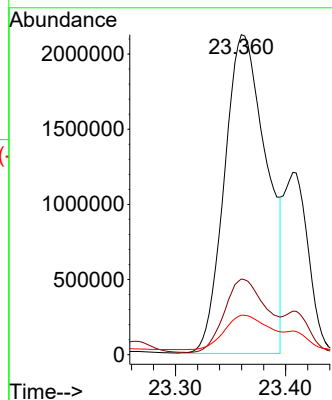
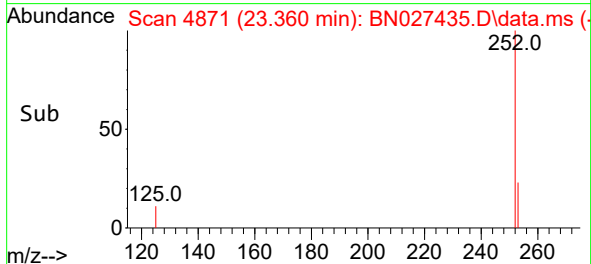
Instrument :
BNA_N
ClientSampleId :
EZYH8



Tgt Ion:252 Resp: 561535
Ion Ratio Lower Upper
252 100
253 23.7 0.0 49.6
125 12.3 0.0 33.8

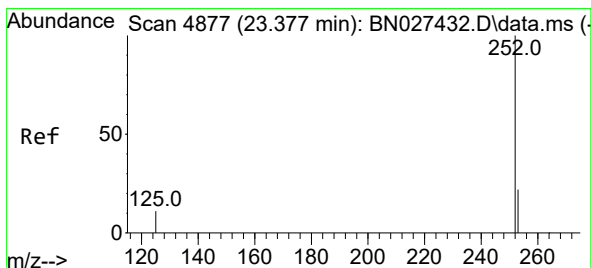
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Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



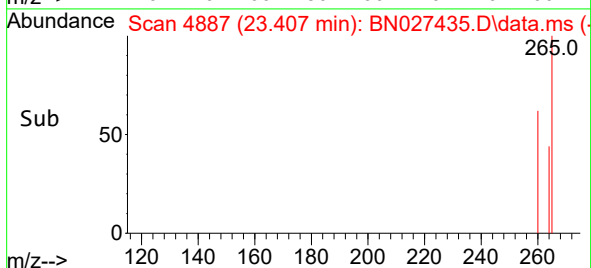
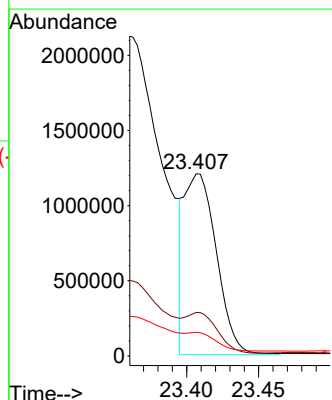
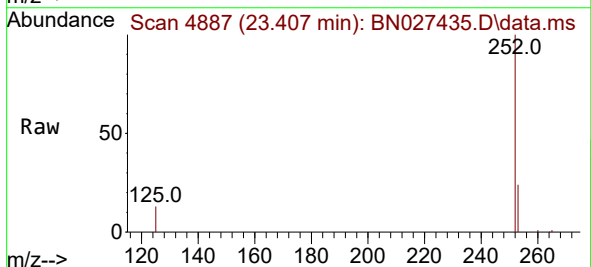
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Supervised By :mohammad
ahmed

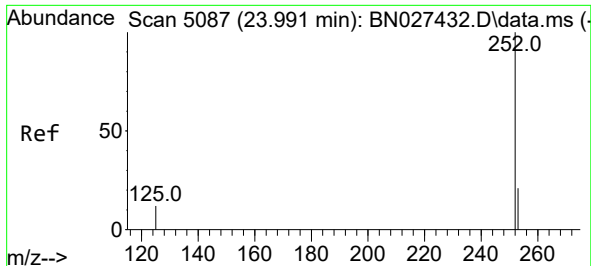
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#25
Benzo(k)fluoranthene
Concen: 18.592 ng/ul m
RT: 23.407 min Scan# 4887
Delta R.T. 0.009 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

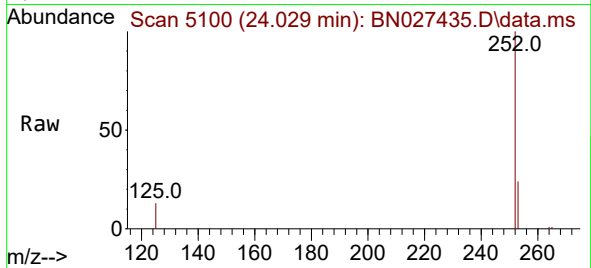
Tgt Ion:252 Resp: 1874501
Ion Ratio Lower Upper
252 100
253 23.9 19.9 29.9
125 13.0 13.6 20.4#





#26
Benzo(a)pyrene
Concen: 42.508 ng/ul
RT: 24.029 min Scan# 5100
Delta R.T. 0.012 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

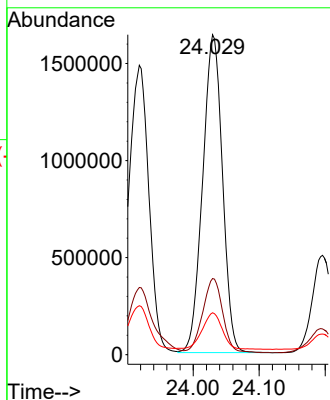
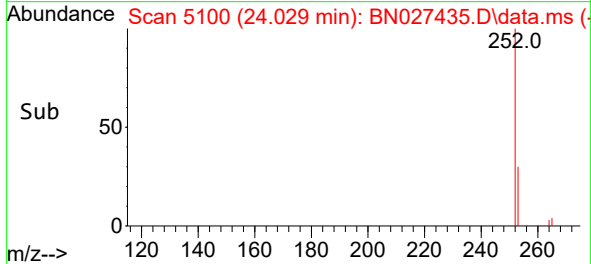
Instrument :
BNA_N
ClientSampleId :
EZYH8



Tgt Ion:252 Resp: 3423290
Ion Ratio Lower Upper
252 100
253 23.8 22.4 33.6
125 13.1 17.4 26.2

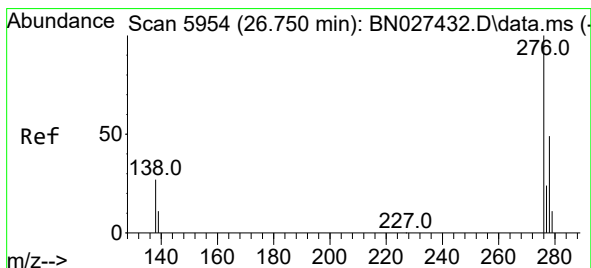
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023



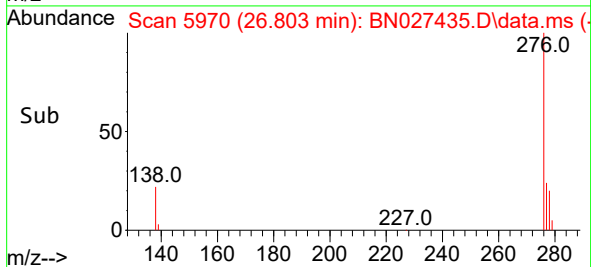
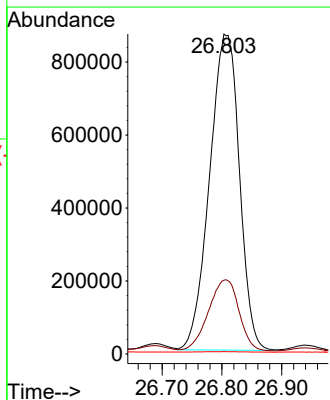
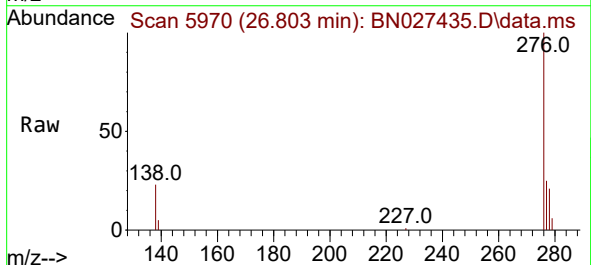
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Supervised By :mohammad
ahmed

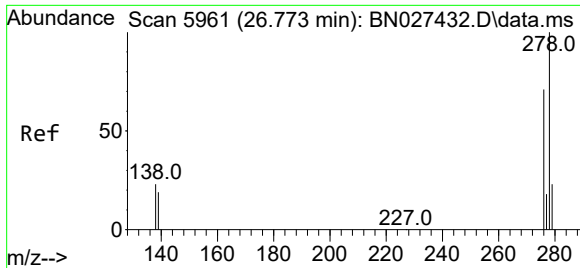
09/09/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 33.548 ng/ul
RT: 26.803 min Scan# 5970
Delta R.T. 0.003 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

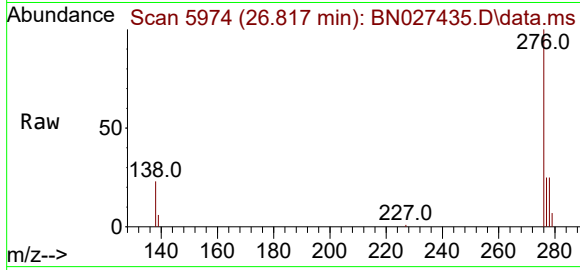
Tgt Ion:276 Resp: 3001044
Ion Ratio Lower Upper
276 100
138 23.0 23.9 35.9#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 11.916 ng/ul
RT: 26.817 min Scan# 5974
Delta R.T. -0.017 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

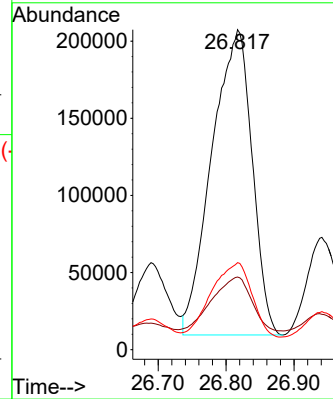
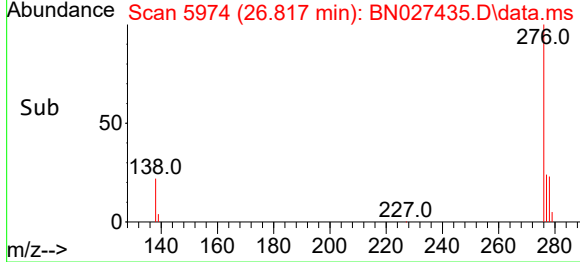
Instrument :
BNA_N
ClientSampleId :
EZYH8



Tgt Ion:278 Resp: 814978
Ion Ratio Lower Upper
278 100
139 22.7 18.0 27.0
279 27.2 22.7 34.1

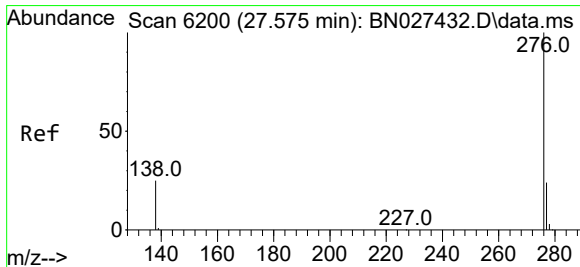
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

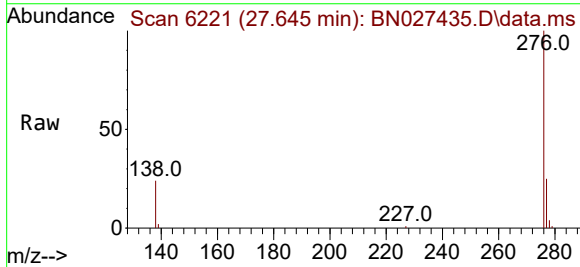


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ahmed

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#29
Benzo(g,h,i)perylene
Concen: 37.557 ng/ul
RT: 27.645 min Scan# 6221
Delta R.T. 0.017 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52



Tgt Ion:276 Resp: 3032000
Ion Ratio Lower Upper
276 100
138 24.0 22.1 33.1
277 24.7 20.2 30.4

