

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027847.D
 Acq On : 23 Sep 2023 05:30
 Operator : MA/JU
 Sample : 04330-02DL 5X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 25 00:47:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	7578	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	25665	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.638	164	17010	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	35678	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.580	240	26883	0.400	ng/ul	# 0.00
23) Perylene-d12	24.082	264	25513	0.400	ng/ul	# 0.00

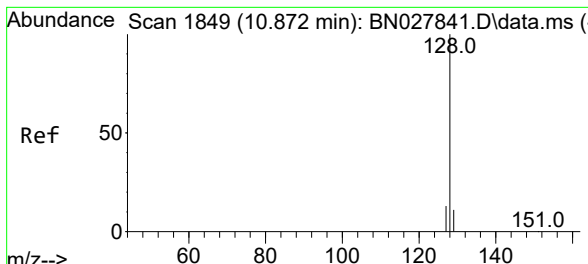
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	3623	0.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	2424	0.062	ng/ul	-0.01
18) Fluoranthene-d10	19.417	212	4141	0.050	ng/ul	0.00

Target Compounds						Qvalue
5) Naphthalene	10.872	128	167875	2.289	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	57487	1.235	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	43739	0.911	ng/ul	99
10) Acenaphthylene	14.365	152	30868	0.415	ng/ul#	85
11) Acenaphthene	14.698	153	179789	2.799	ng/ul	98
12) Fluorene	15.684	166	165370	2.190	ng/ul	99
15) Phenanthrene	17.434	178	849144	7.574	ng/ul	98
16) Anthracene	17.523	178	157345	1.676	ng/ul#	96
19) Fluoranthene	19.445	202	907719	8.350	ng/ul	99
20) Pyrene	19.812	202	881098	7.868	ng/ul	98
21) Benzo(a)anthracene	21.562	228	173258	1.666	ng/ul#	90
22) Chrysene	21.618	228	166406	1.548	ng/ul#	85
24) Benzo(b)fluoranthene	23.307	252	183221m	1.611	ng/ul	
25) Benzo(k)fluoranthene	23.354	252	72107m	0.654	ng/ul	
26) Benzo(a)pyrene	23.971	252	115759	1.266	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.713	276	90089	0.769	ng/ul#	87
29) Benzo(g,h,i)perylene	27.538	276	90165	0.906	ng/ul#	78

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 Ahmed

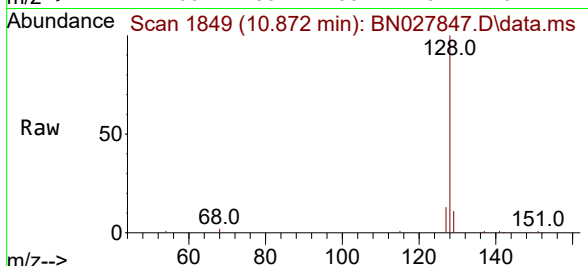
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
Naphthalene
Concen: 2.289 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027847.D
Acq: 23 Sep 2023 05:30

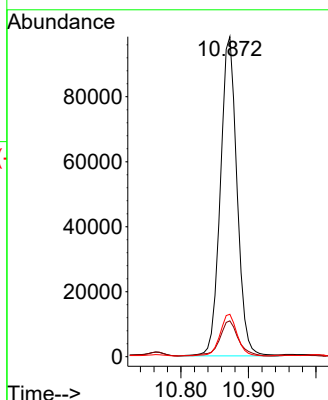
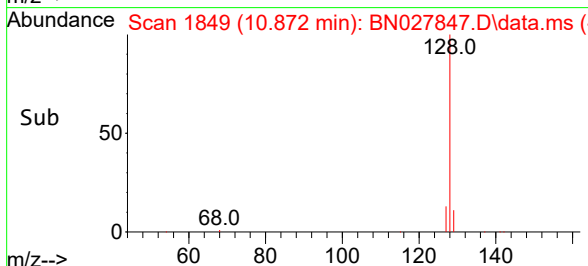
Instrument :
BNA_N
ClientSampleId :
EZYG3DL



Tgt Ion:128 Resp: 16787
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.2 10.7 16.1

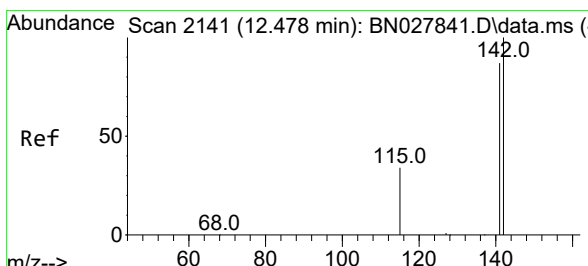
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Patel

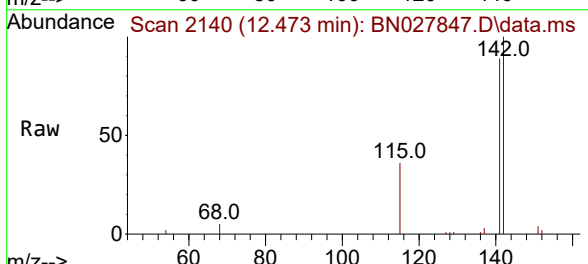


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ahmed

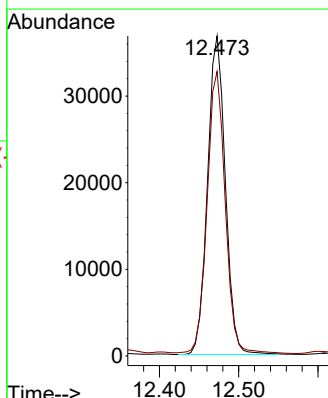
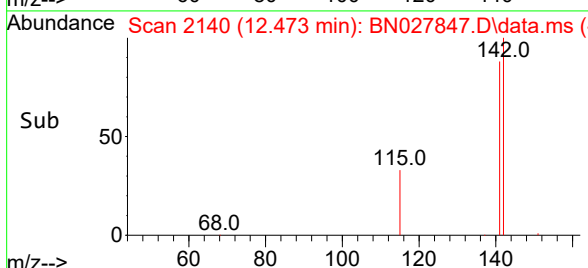
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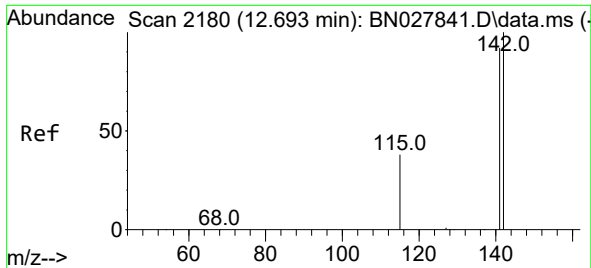


#7
2-Methylnaphthalene
Concen: 1.235 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027847.D
Acq: 23 Sep 2023 05:30



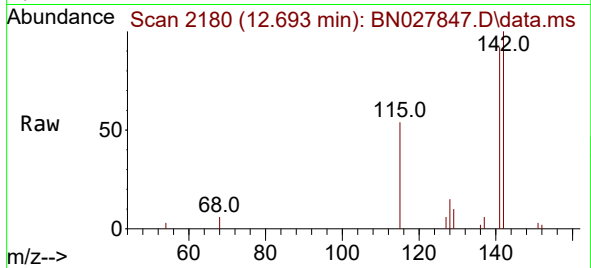
Tgt Ion:142 Resp: 57487
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.911 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027847.D
Acq: 23 Sep 2023 05:30

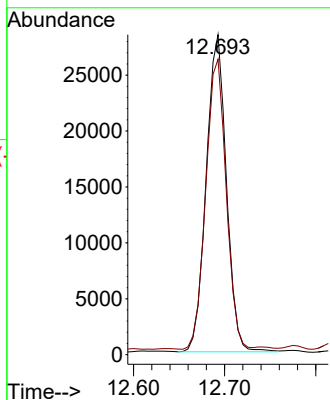
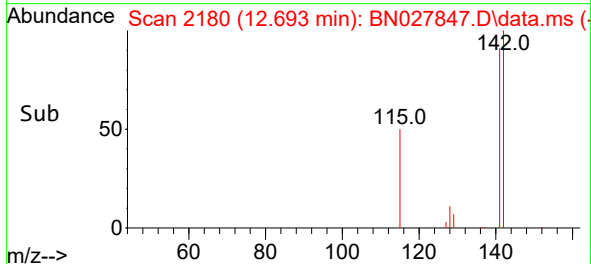
Instrument :
BNA_N
ClientSampleId :
EZYG3DL



Tgt Ion:142 Resp: 43739
Ion Ratio Lower Upper
142 100
141 92.3 72.8 109.2

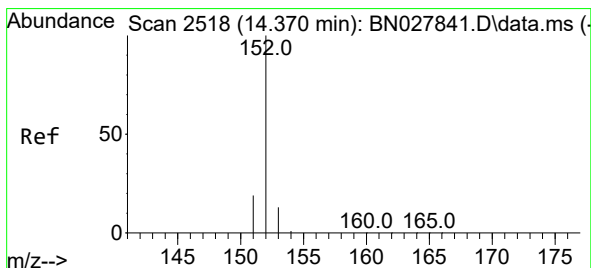
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Patel

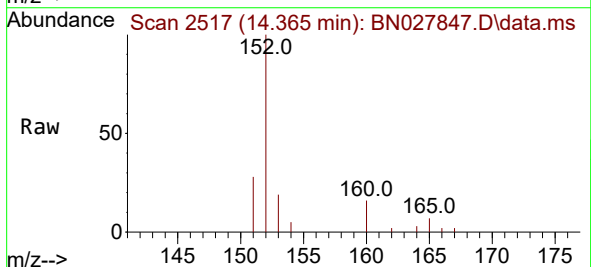


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ahmed

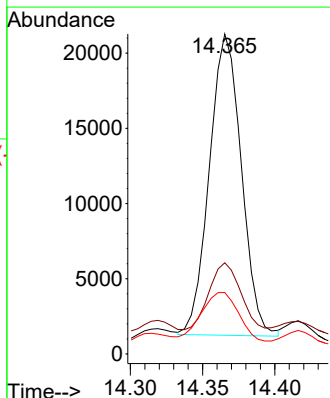
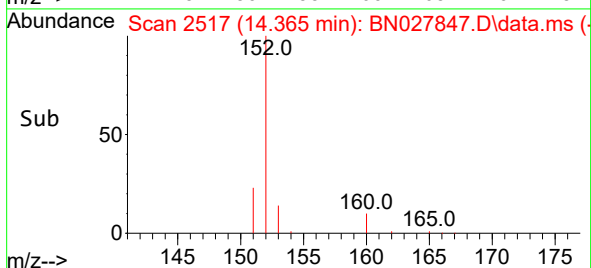
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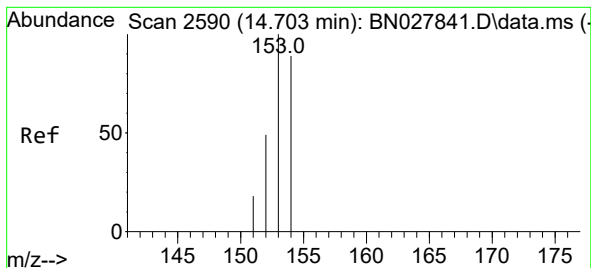


#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.365 min Scan# 2517
Delta R.T. -0.004 min
Lab File: BN027847.D
Acq: 23 Sep 2023 05:30



Tgt Ion:152 Resp: 30868
Ion Ratio Lower Upper
152 100
151 28.5 16.6 25.0#
153 19.2 11.0 16.6#





#11

Acenaphthene

Concen: 2.799 ng/ul

RT: 14.698 min Scan# 2589

Delta R.T. -0.004 min

Lab File: BN027847.D

Acq: 23 Sep 2023 05:30

Instrument :

BNA_N

ClientSampleId :

EZYG3DL

Tgt Ion:153 Resp: 179789

Ion Ratio Lower Upper

153 100

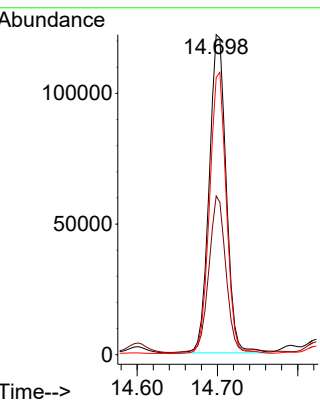
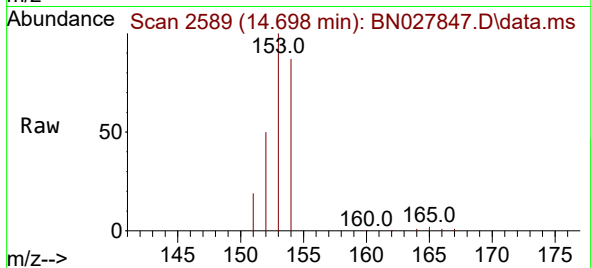
152 49.6 41.7 62.5

154 86.6 70.3 105.5

Manual Integrations

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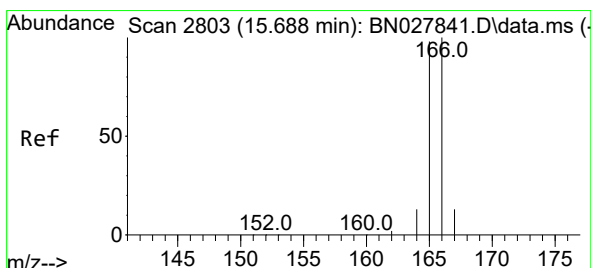
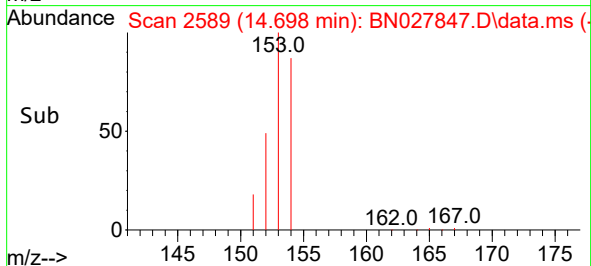
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Supervised By :mohammad
ahmed

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#12

Fluorene

Concen: 2.190 ng/ul

RT: 15.684 min Scan# 2802

Delta R.T. -0.004 min

Lab File: BN027847.D

Acq: 23 Sep 2023 05:30

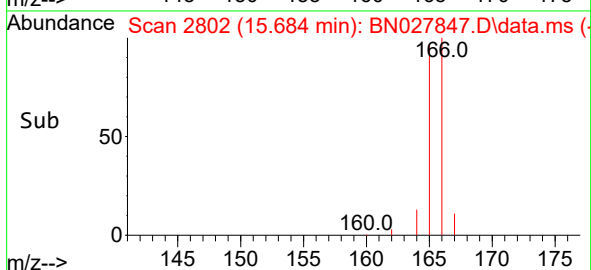
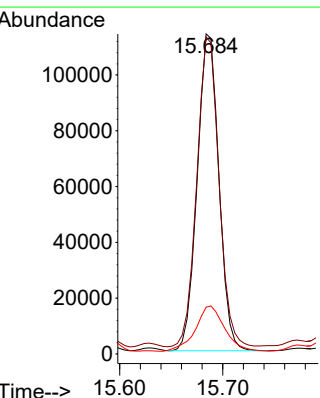
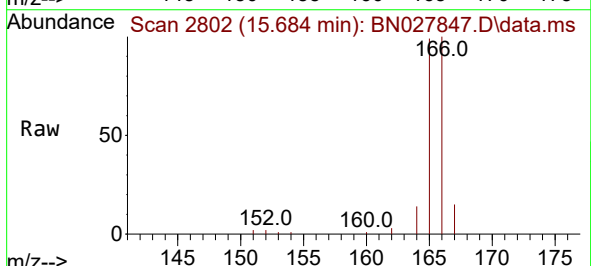
Tgt Ion:166 Resp: 165370

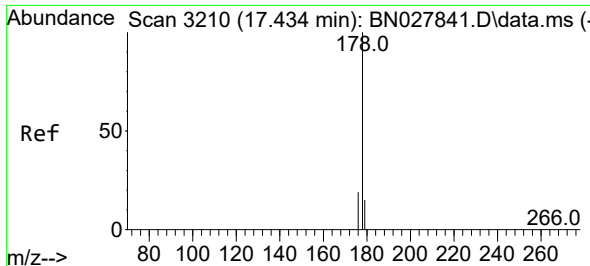
Ion Ratio Lower Upper

166 100

165 99.1 78.0 117.0

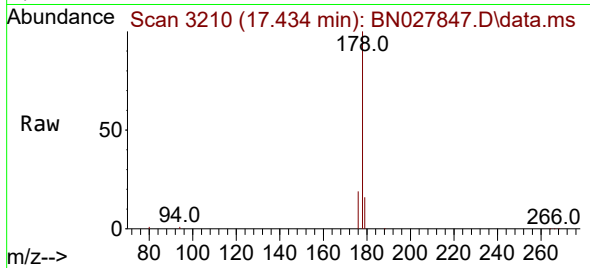
167 14.6 11.4 17.2





#15
Phenanthrene
Concen: 7.574 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. -0.000 min
Lab File: BN027847.D
Acq: 23 Sep 2023 05:30

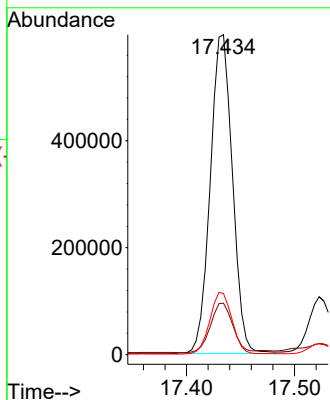
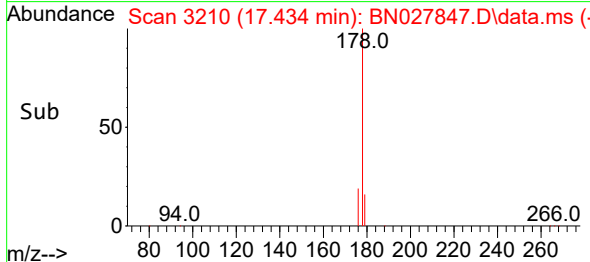
Instrument :
BNA_N
ClientSampleId :
EZYG3DL



Tgt Ion:178 Resp: 849144
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.1 16.0 24.0

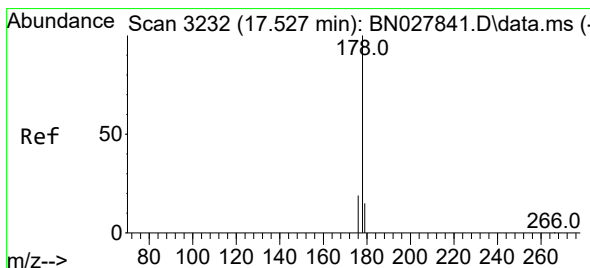
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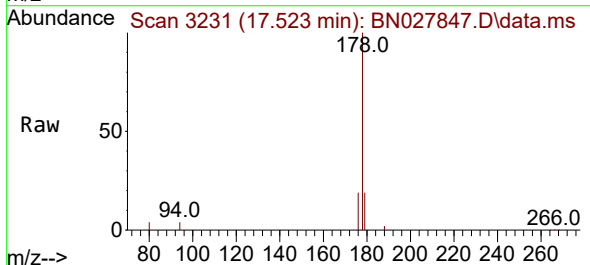


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ahmed

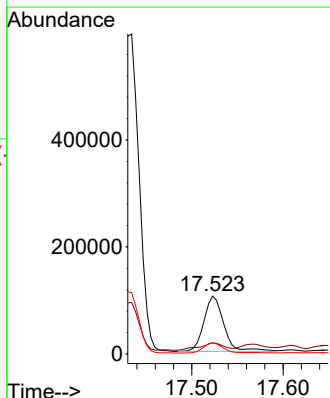
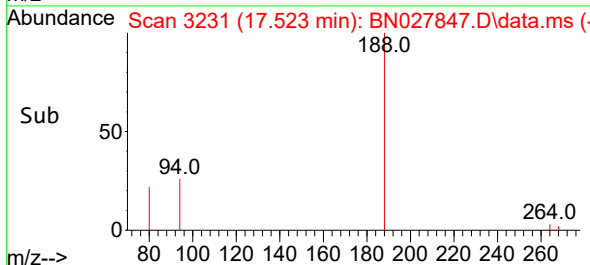
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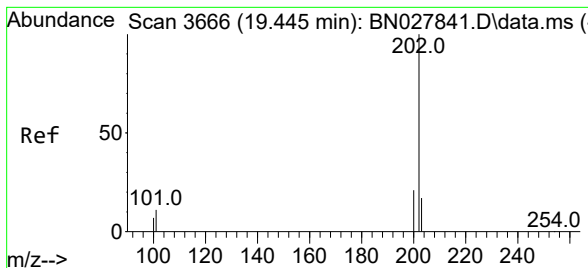


#16
Anthracene
Concen: 1.676 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027847.D
Acq: 23 Sep 2023 05:30



Tgt Ion:178 Resp: 157345
Ion Ratio Lower Upper
178 100
179 19.1 12.6 19.0#
176 19.4 15.5 23.3





#19

Fluoranthene

Concen: 8.350 ng/ul

RT: 19.445 min Scan# 3666

Delta R.T. -0.000 min

Lab File: BN027847.D

Acq: 23 Sep 2023 05:30

Instrument :

BNA_N

ClientSampleId :

EZYG3DL

Tgt Ion:202 Resp: 907719

Ion Ratio Lower Upper

202 100

101 11.3 9.3 13.9

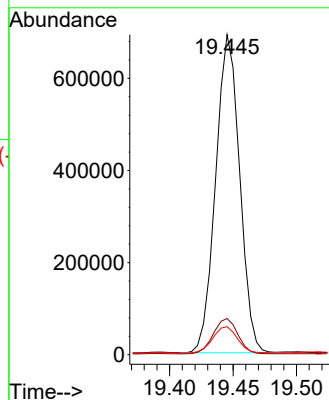
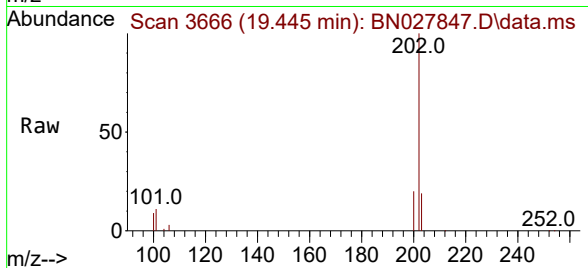
100 8.8 7.0 10.4

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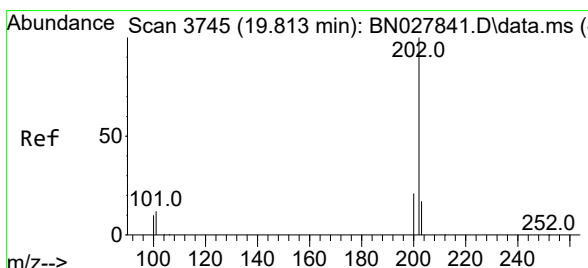
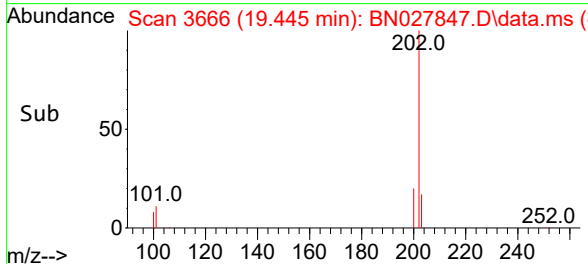
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#20

Pyrene

Concen: 7.868 ng/ul

RT: 19.812 min Scan# 3745

Delta R.T. -0.000 min

Lab File: BN027847.D

Acq: 23 Sep 2023 05:30

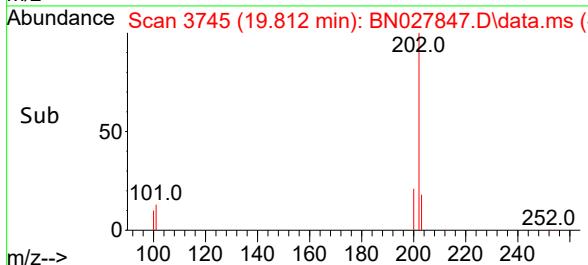
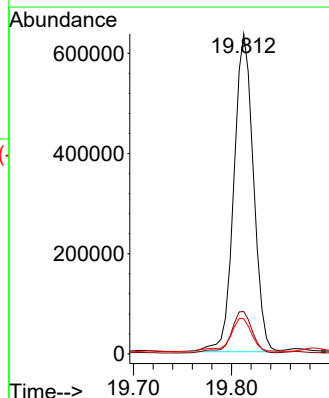
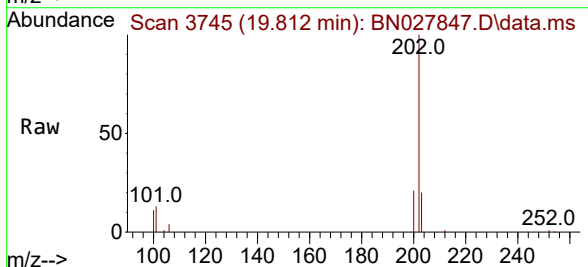
Tgt Ion:202 Resp: 881098

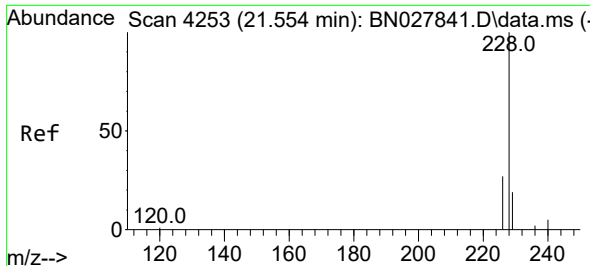
Ion Ratio Lower Upper

202 100

101 13.3 11.4 17.0

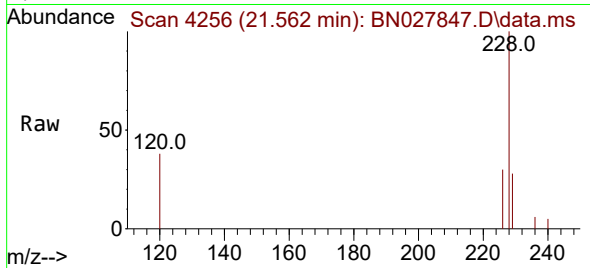
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.666 ng/ul
RT: 21.562 min Scan# 4256
Delta R.T. 0.009 min
Lab File: BN027847.D
Acq: 23 Sep 2023 05:30

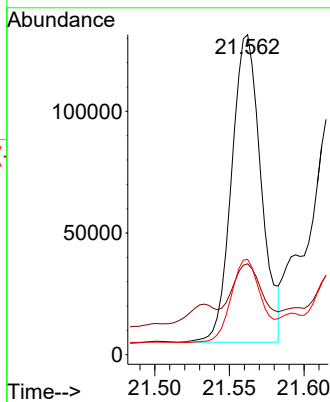
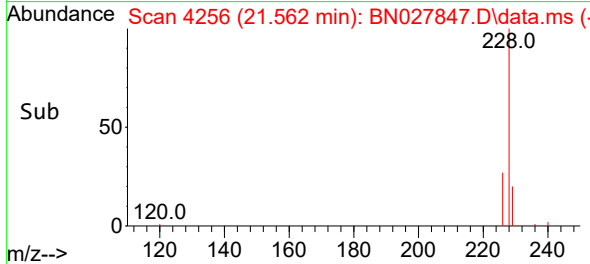
Instrument :
BNA_N
ClientSampleId :
EZYG3DL



Tgt Ion:228 Resp: 173258
Ion Ratio Lower Upper
228 100
229 28.4 15.8 23.8
226 29.8 22.0 33.0

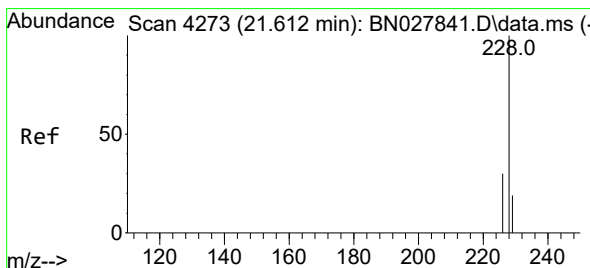
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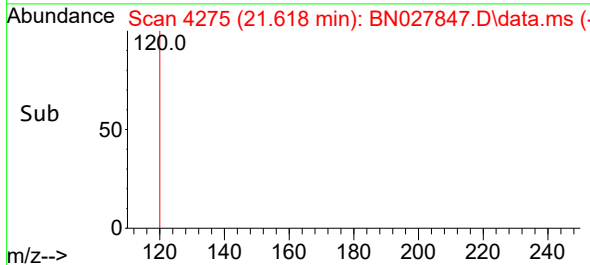
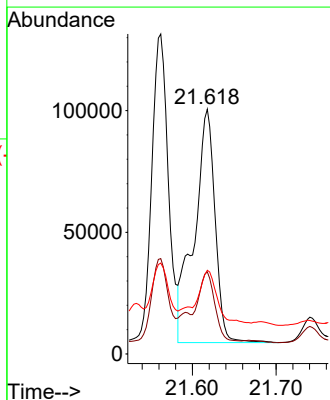
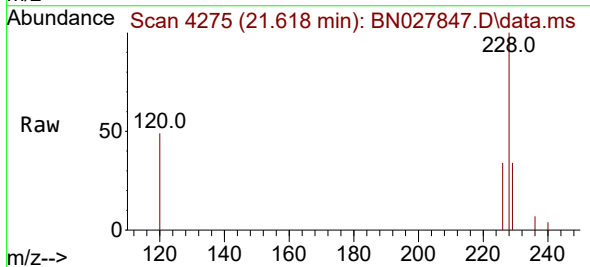
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ahmed

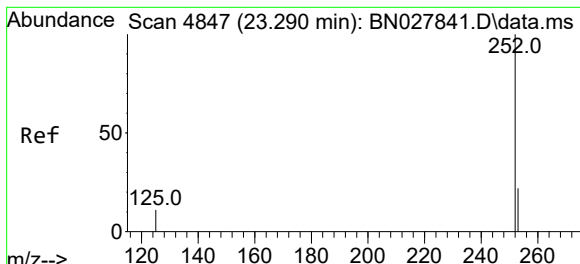
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#22
Chrysene
Concen: 1.548 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. 0.009 min
Lab File: BN027847.D
Acq: 23 Sep 2023 05:30

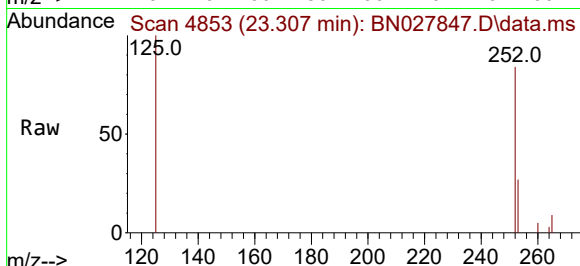
Tgt Ion:228 Resp: 166406
Ion Ratio Lower Upper
228 100
226 33.6 24.5 36.7
229 34.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.611 ng/ul m
RT: 23.307 min Scan# 4853
Delta R.T. 0.017 min
Lab File: BN027847.D
Acq: 23 Sep 2023 05:30

Instrument :
BNA_N
ClientSampleId :
EZYG3DL

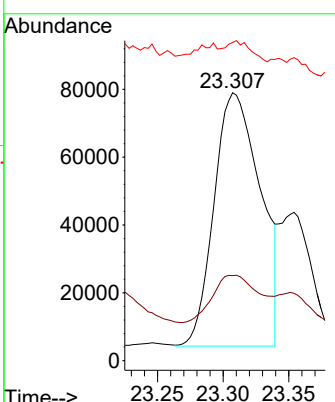
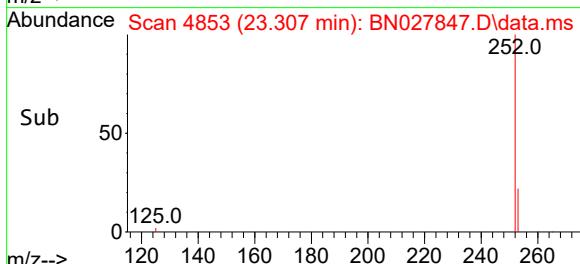


Tgt Ion:252 Resp: 18322

Ion	Ratio	Lower	Upper
252	100		
253	31.8	0.0	50.2
125	118.8	0.0	31.4

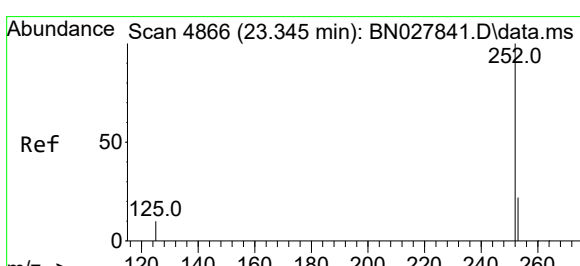
Manual Integrations
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Patel



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Supervised By :mohammad
ahmed

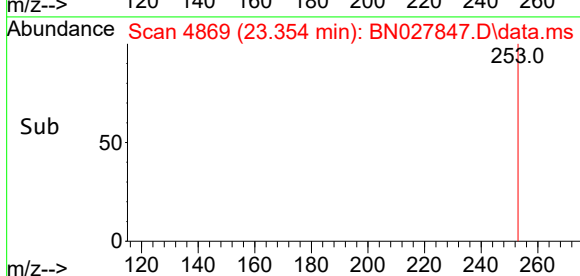
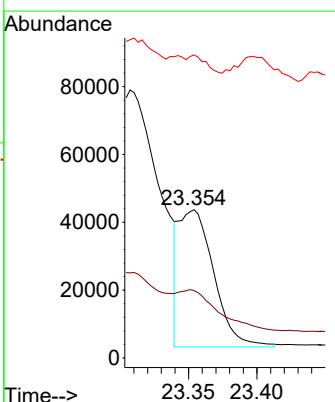
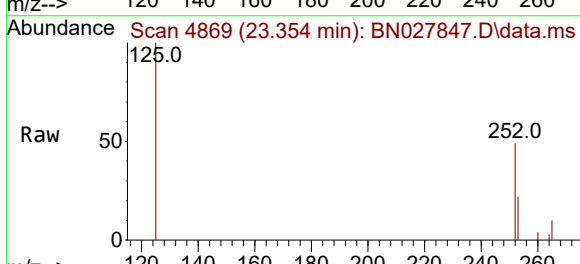
09/25/2023

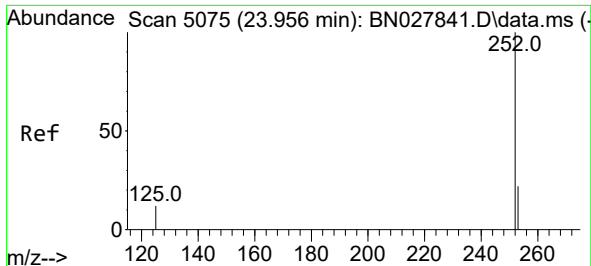


#25
Benzo(k)fluoranthene
Concen: 0.654 ng/ul m
RT: 23.354 min Scan# 4869
Delta R.T. 0.012 min
Lab File: BN027847.D
Acq: 23 Sep 2023 05:30

Tgt Ion:252 Resp: 72107

Ion	Ratio	Lower	Upper
252	100		
253	45.4	19.9	29.9#
125	204.3	12.6	19.0#





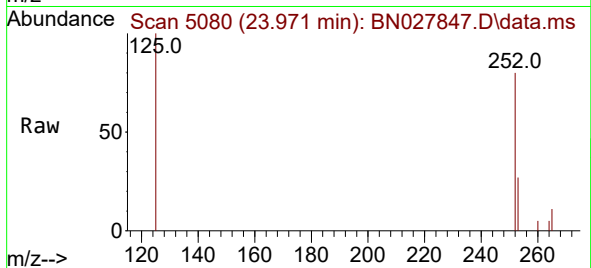
#26
Benzo(a)pyrene
Concen: 1.266 ng/ul
RT: 23.971 min Scan# 5075
Delta R.T. 0.020 min
Lab File: BN027847.D
Acq: 23 Sep 2023 05:30

Instrument :

BN027847.D

ClientSampleId :

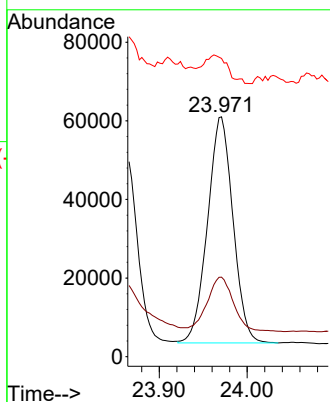
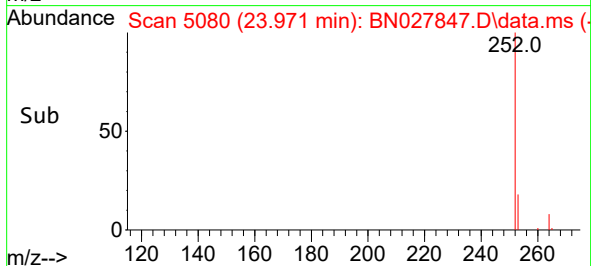
EZYG3DL



Tgt Ion:252 Resp: 115759
Ion Ratio Lower Upper
252 100
253 33.2 21.9 32.9
125 124.3 15.5 23.3

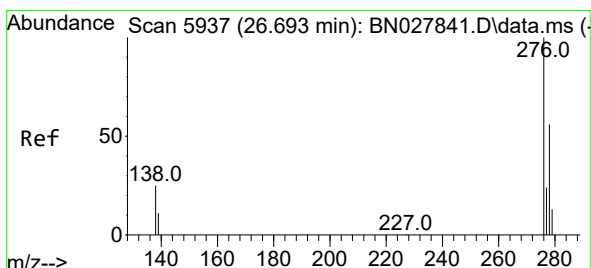
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

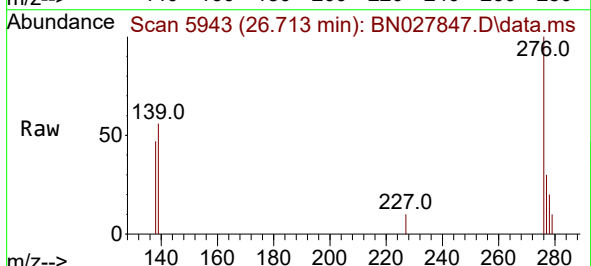


09/25/2023
Supervised By :mohammad
ahmed

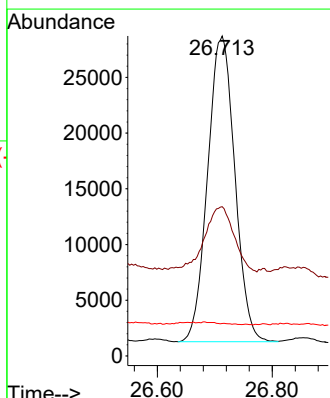
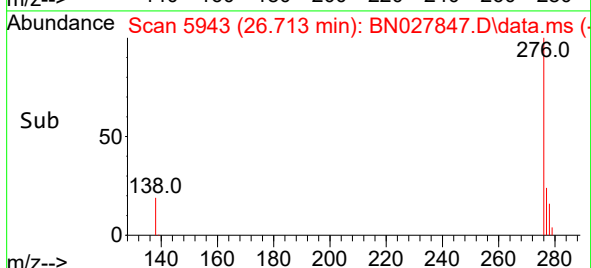
09/25/2023

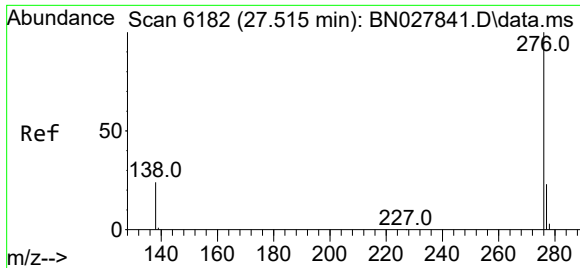


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.769 ng/ul
RT: 26.713 min Scan# 5943
Delta R.T. 0.030 min
Lab File: BN027847.D
Acq: 23 Sep 2023 05:30



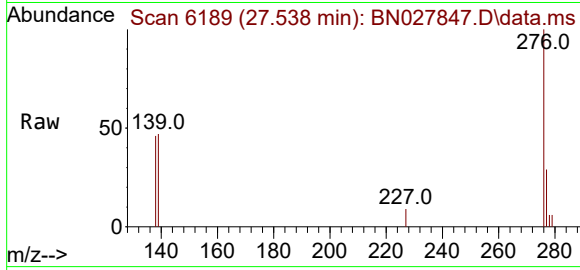
Tgt Ion:276 Resp: 90089
Ion Ratio Lower Upper
276 100
138 23.1 24.3 36.5
227 0.0 0.0 0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.906 ng/ul
 RT: 27.538 min Scan# 6189
 Delta R.T. 0.033 min
 Lab File: BN027847.D
 Acq: 23 Sep 2023 05:30

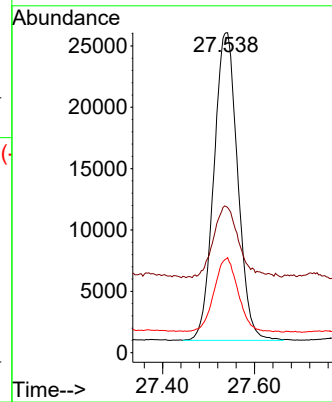
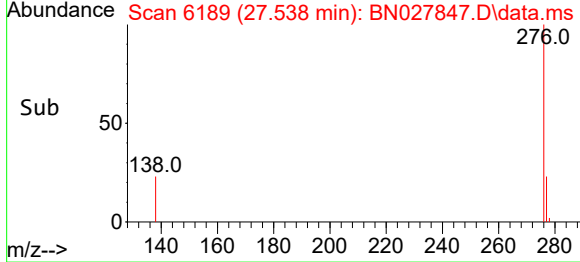
Instrument :
 BNA_N
 ClientSampleId :
 EZYG3DL



Tgt Ion:	276	Resp:	9016
Ion Ratio	Lower	Upper	
276	100		
138	45.7	21.7	32.5
277	29.3	20.2	30.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



09/25/2023
 Supervised By :mohammad
 ahmed

09/25/2023