

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027845.D
 Acq On : 23 Sep 2023 04:18
 Operator : MA/JU
 Sample : 04330-19DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 23 04:55:44 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	6204	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	21677	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	13529	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	29755	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	24836	0.400	ng/ul	0.00
23) Perylene-d12	24.064	264	21851	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	4296	0.550	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	2037	0.062	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	5102	0.067	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.872	128	3724	0.060	ng/ul#	92
7) 2-Methylnaphthalene	12.473	142	2645	0.067	ng/ul	98
8) 1-Methylnaphthalene	12.693	142	1523	0.038	ng/ul	99
10) Acenaphthylene	14.370	152	8624	0.146	ng/ul	99
11) Acenaphthene	14.703	153	2788	0.055	ng/ul	99
15) Phenanthrene	17.430	178	24701	0.264	ng/ul	99
16) Anthracene	17.523	178	11549	0.148	ng/ul	97
19) Fluoranthene	19.441	202	111816	1.113	ng/ul	100
20) Pyrene	19.808	202	130829	1.265	ng/ul	98
21) Benzo(a)anthracene	21.551	228	104672	1.089	ng/ul	98
22) Chrysene	21.609	228	130095	1.310	ng/ul	97
24) Benzo(b)fluoranthene	23.290	252	210416m	2.160	ng/ul	
25) Benzo(k)fluoranthene	23.336	252	74016m	0.784	ng/ul	
26) Benzo(a)pyrene	23.947	252	146570	1.871	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.683	276	108083	1.077	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.696	278	25257	0.313	ng/ul#	87
29) Benzo(g,h,i)perylene	27.504	276	115368	1.353	ng/ul	97

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

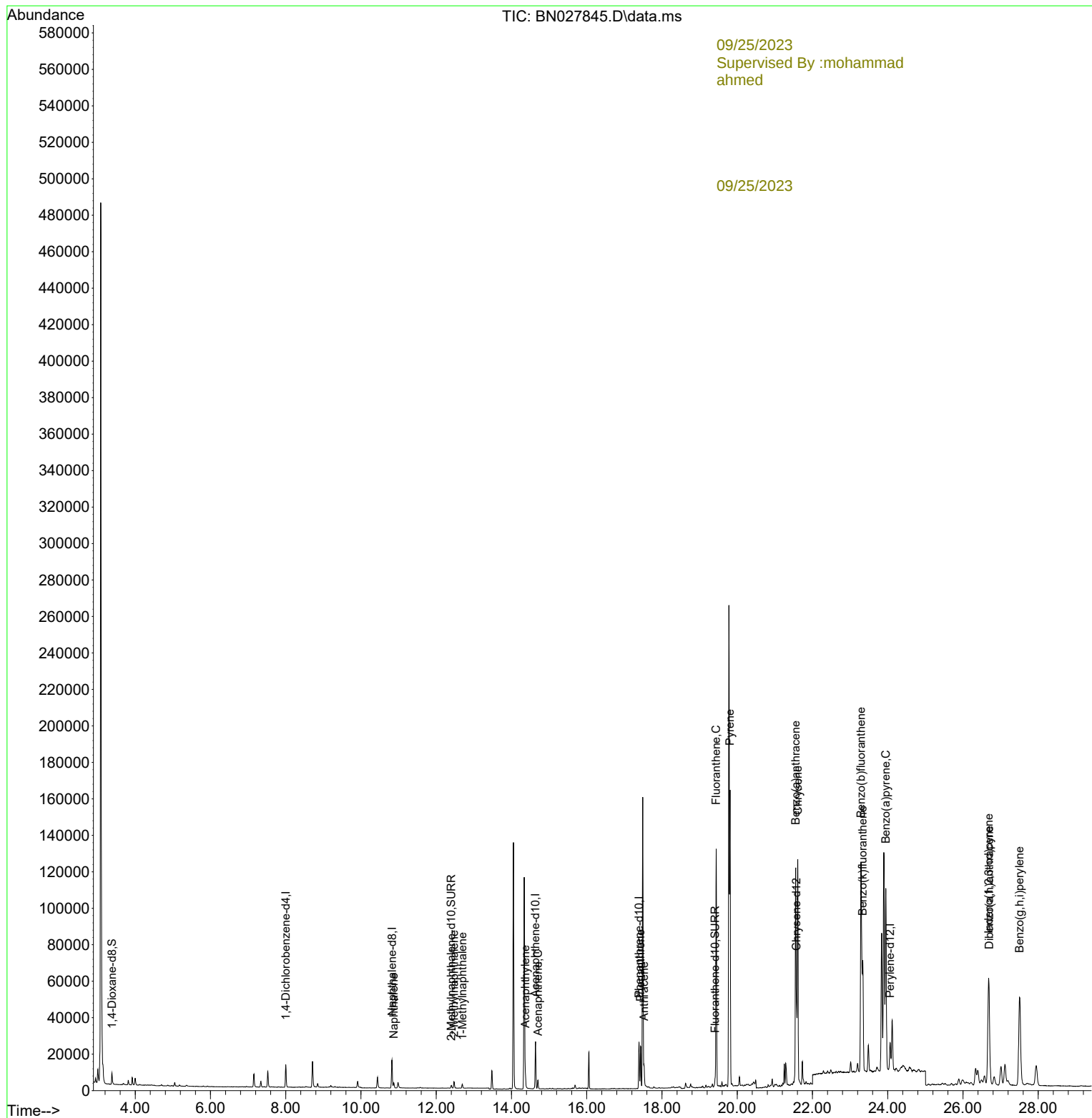
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027845.D
Acq On : 23 Sep 2023 04:18
Operator : MA/JU
Sample : 04330-19DL 5X
Misc :
ALS Vial : 65 Sample Multiplier: 1

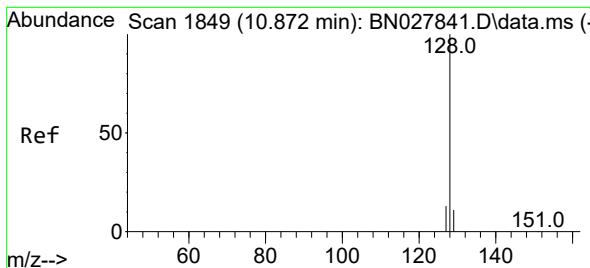
Instrument :
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ClientSampleId :
EZY4DL

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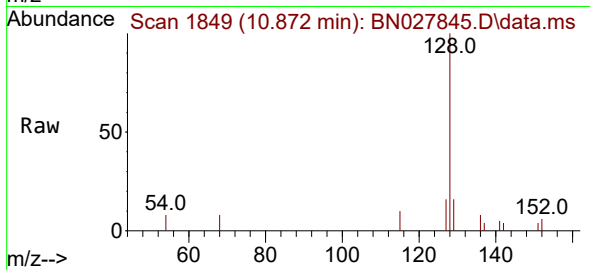
Quant Time: Sep 23 04:55:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18

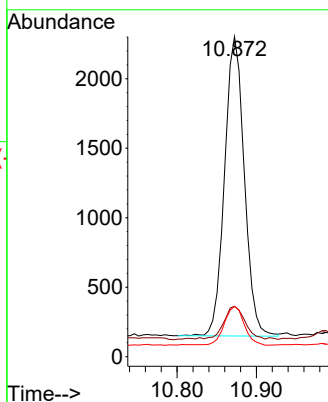
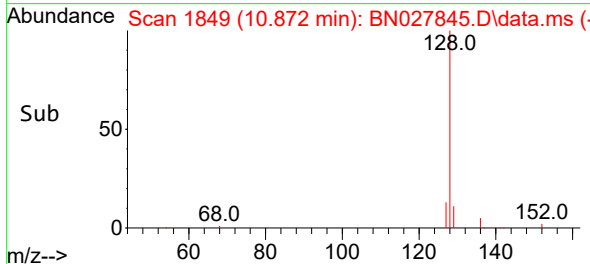
Instrument :
BNA_N
ClientSampleId :
EZY4DL



Tgt Ion:128 Resp: 3724
Ion Ratio Lower Upper
128 100
129 15.8 9.3 13.9
127 15.7 10.7 16.1

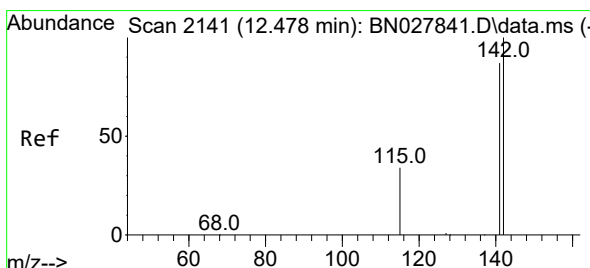
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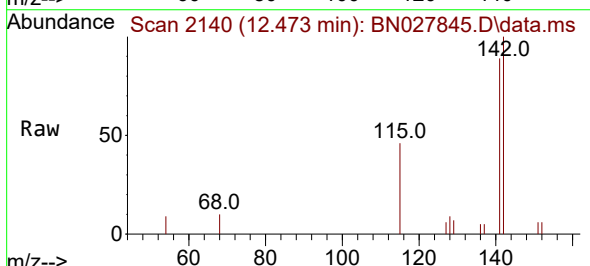


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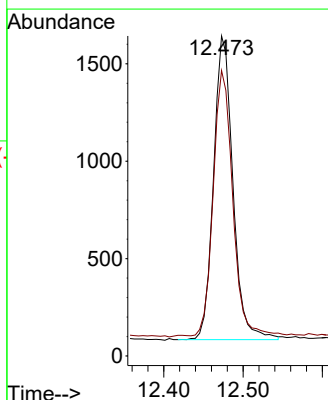
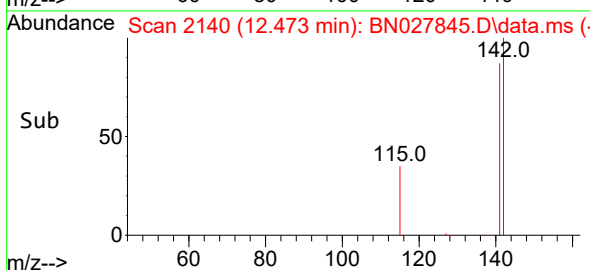
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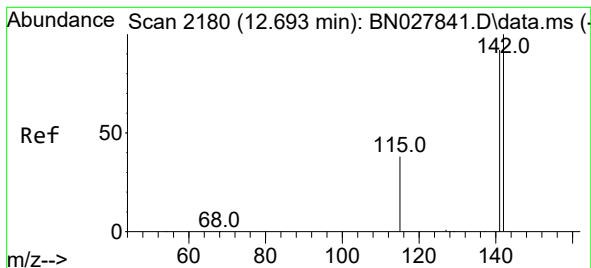


#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18



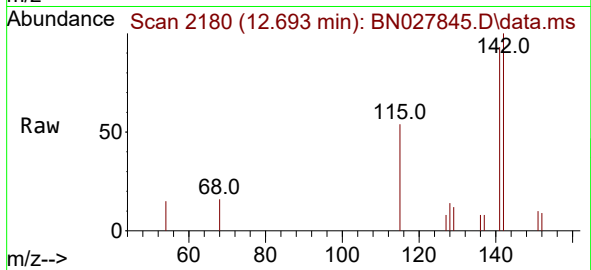
Tgt Ion:142 Resp: 2645
Ion Ratio Lower Upper
142 100
141 87.5 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18

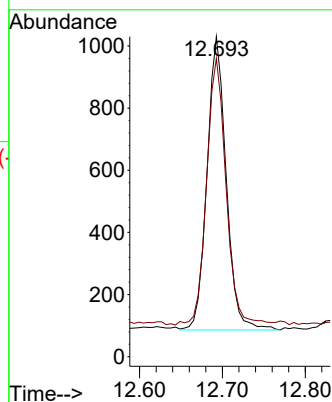
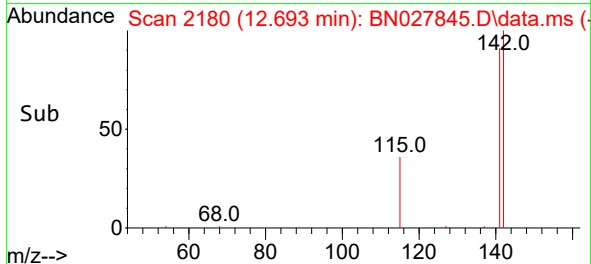
Instrument :
BNA_N
ClientSampleId :
EZY4DL



Tgt Ion:142 Resp: 152
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2

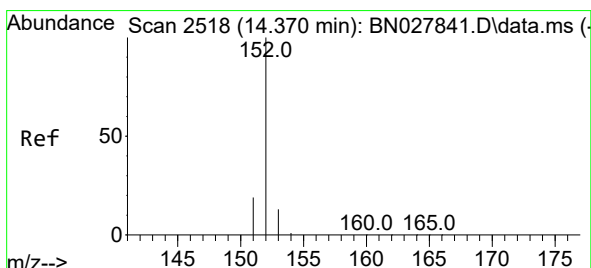
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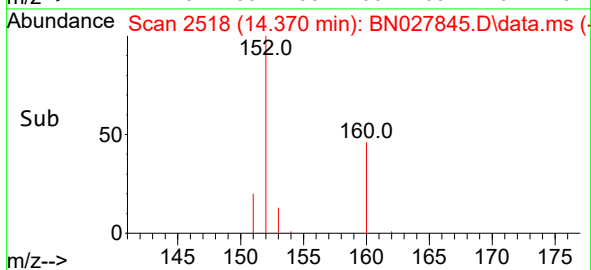
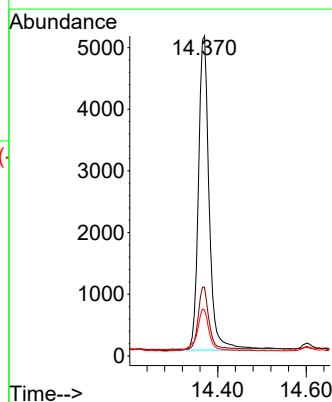
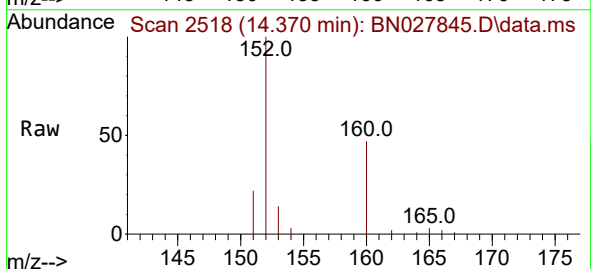
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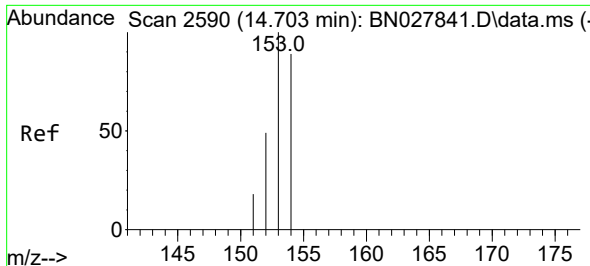
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#10
Acenaphthylene
Concen: 0.146 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18

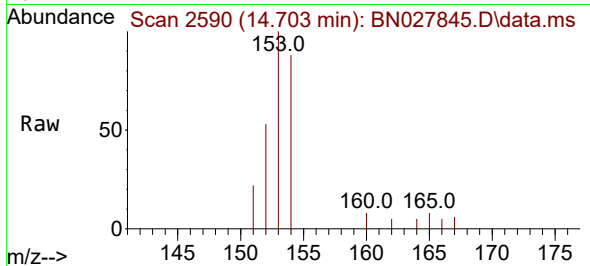
Tgt Ion:152 Resp: 8624
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0
153 14.4 11.0 16.6





#11
Acenaphthene
Concen: 0.055 ng/u1
RT: 14.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18

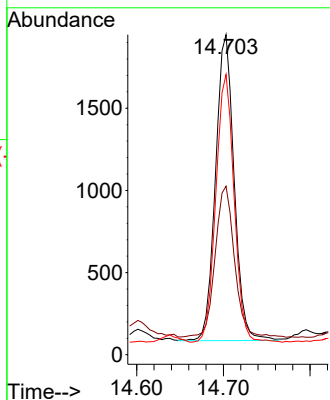
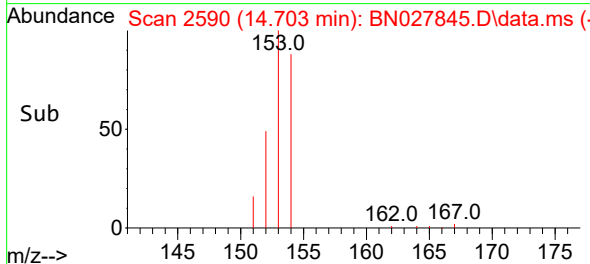
Instrument :
BNA_N
ClientSampleId :
EZY4DL



Tgt Ion:153 Resp: 278
Ion Ratio Lower Upper
153 100
152 52.7 41.7 62.5
154 87.6 70.3 105.5

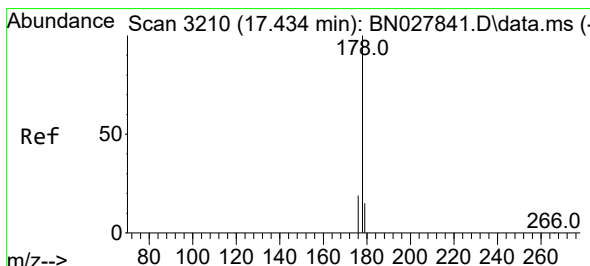
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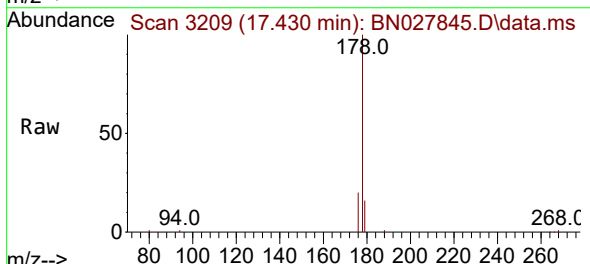


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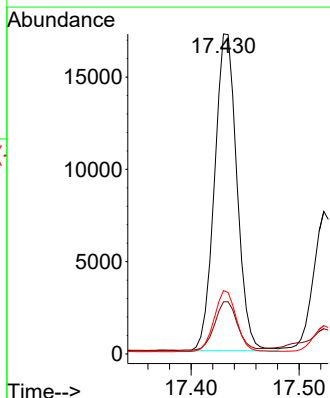
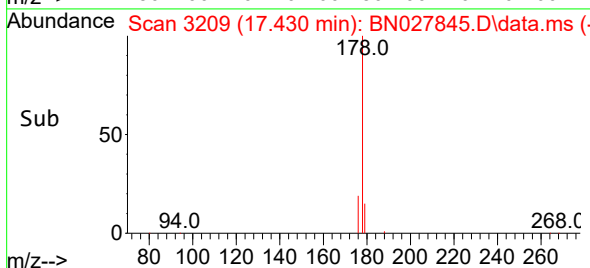
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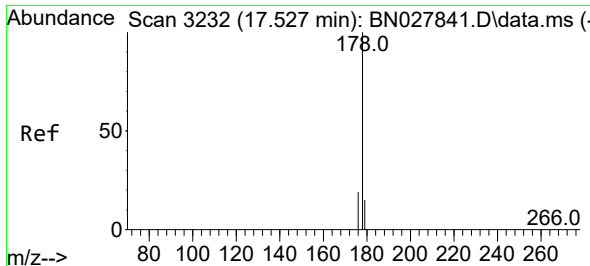


#15
Phenanthrene
Concen: 0.264 ng/u1
RT: 17.430 min Scan# 3209
Delta R.T. -0.004 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18



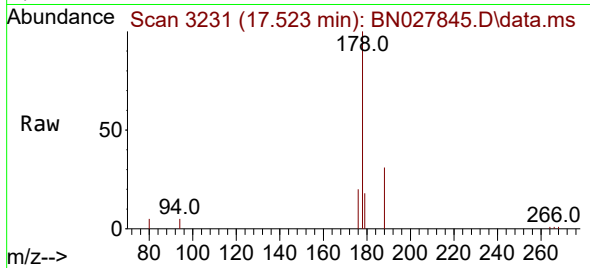
Tgt Ion:178 Resp: 24701
Ion Ratio Lower Upper
178 100
179 16.3 12.4 18.6
176 19.8 16.0 24.0





#16
 Anthracene
 Concen: 0.148 ng/ul
 RT: 17.523 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN027845.D
 Acq: 23 Sep 2023 04:18

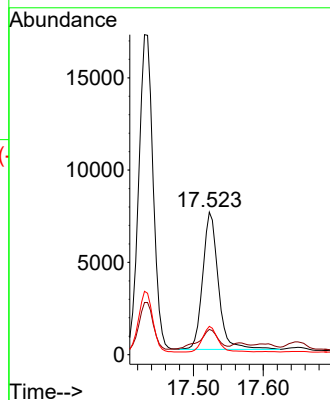
Instrument :
 BNA_N
 ClientSampleId :
 EZYL4DL



Tgt Ion:178 Resp: 11549
 Ion Ratio Lower Upper
 178 100
 179 17.7 12.6 19.0
 176 19.9 15.5 23.3

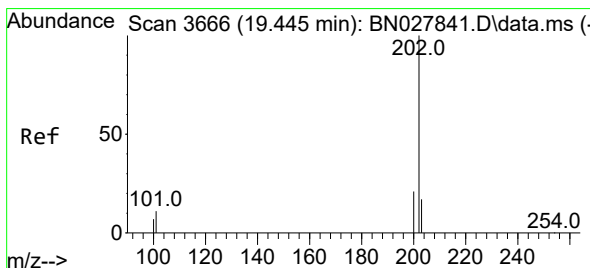
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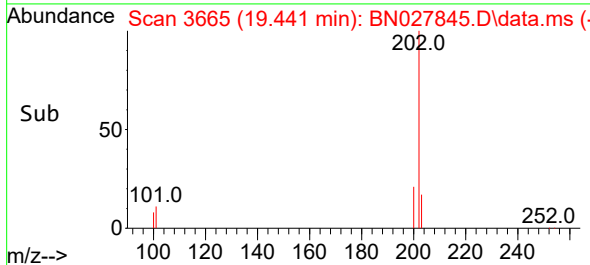
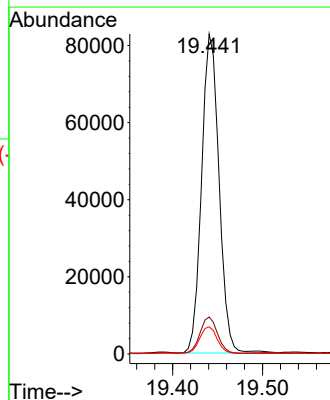
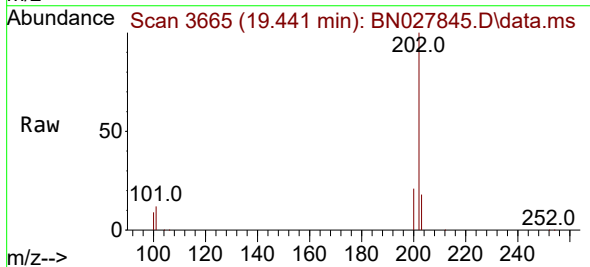
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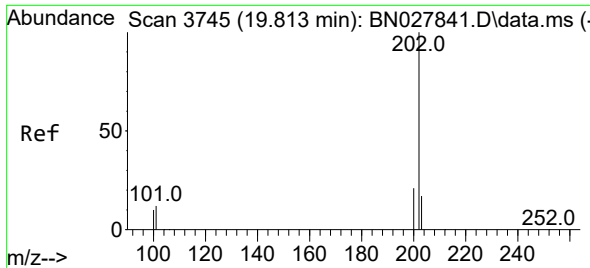
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#19
 Fluoranthene
 Concen: 1.113 ng/ul
 RT: 19.441 min Scan# 3665
 Delta R.T. -0.005 min
 Lab File: BN027845.D
 Acq: 23 Sep 2023 04:18

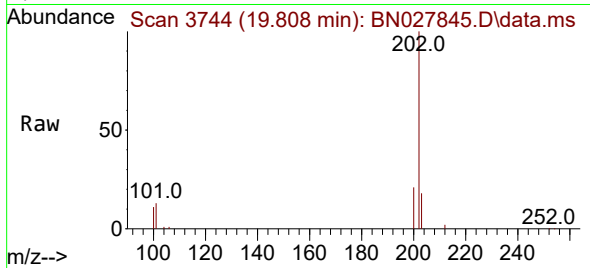
Tgt Ion:202 Resp: 111816
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.3 13.9
 100 8.5 7.0 10.4





#20
Pyrene
Concen: 1.265 ng/ul
RT: 19.808 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18

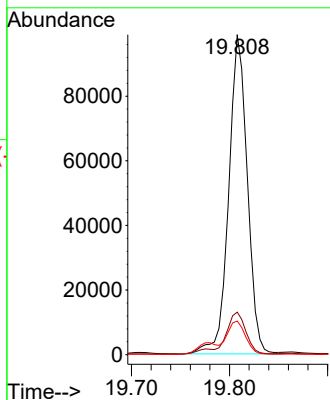
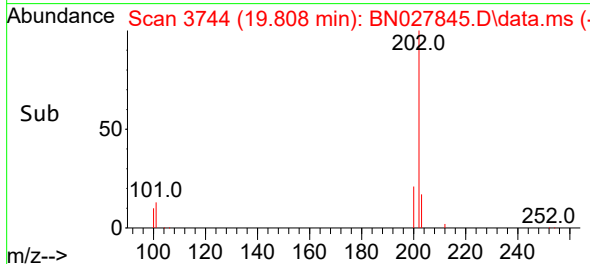
Instrument :
BNA_N
ClientSampleId :
EZY4DL



Tgt Ion:202 Resp: 130829
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.5 9.1 13.7

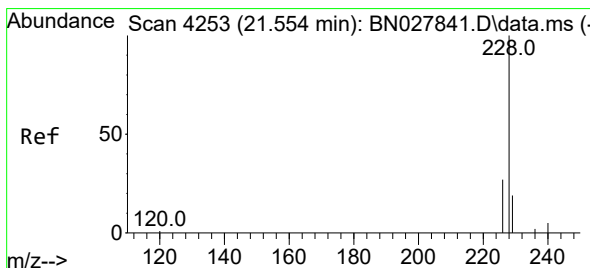
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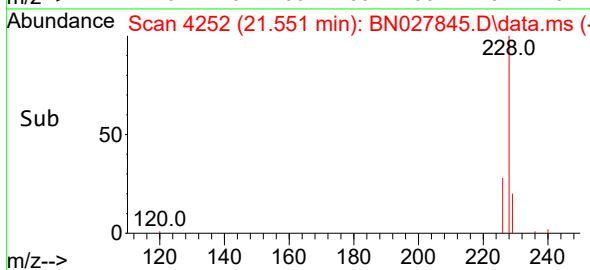
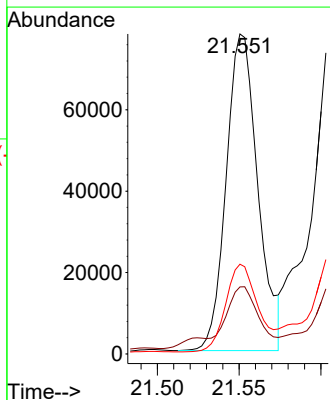
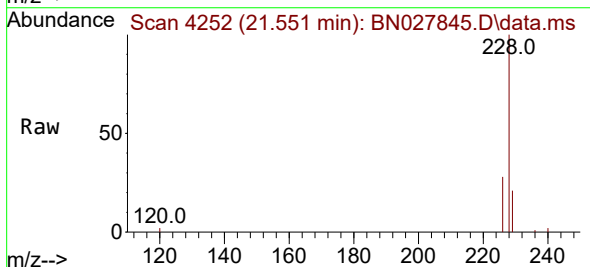
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ahmed

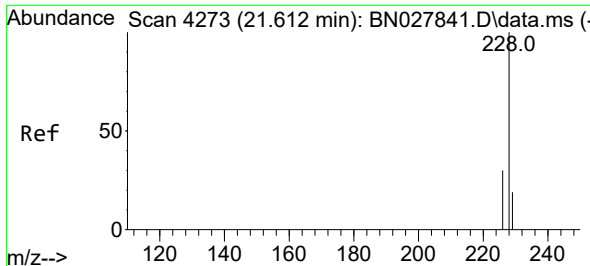
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#21
Benzo(a)anthracene
Concen: 1.089 ng/ul
RT: 21.551 min Scan# 4252
Delta R.T. -0.003 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18

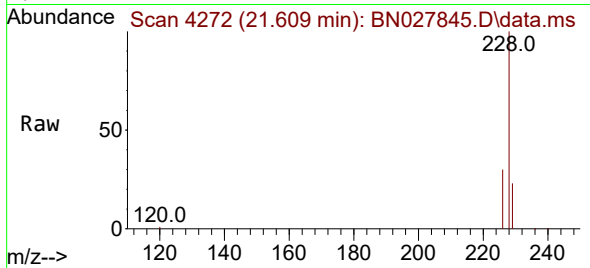
Tgt Ion:228 Resp: 104672
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 28.0 22.0 33.0





#22
Chrysene
Concen: 1.310 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. -0.000 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18

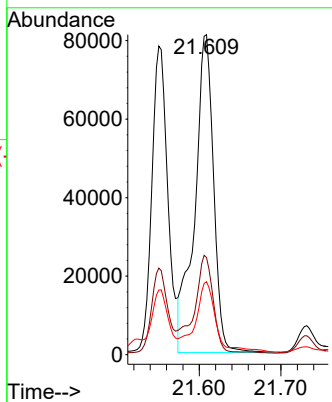
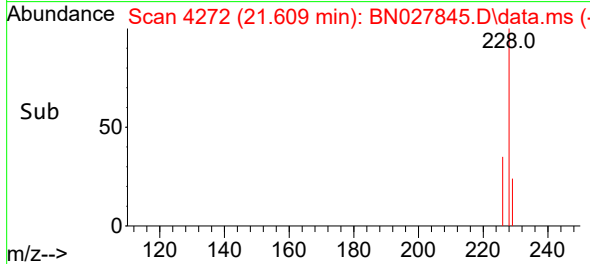
Instrument :
BNA_N
ClientSampleId :
EZY4DL



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Ion Ratio Lower Upper
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226 30.4 24.5 36.7
229 22.8 16.0 24.0

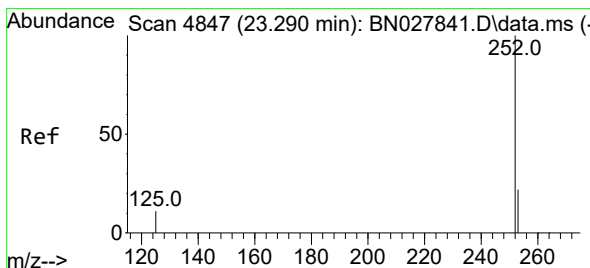
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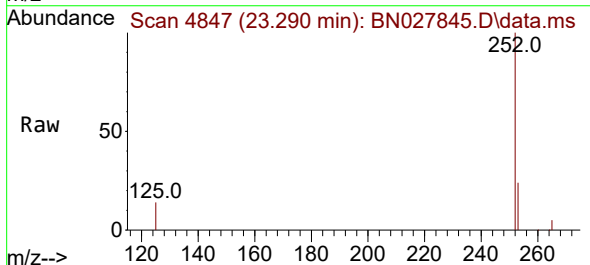


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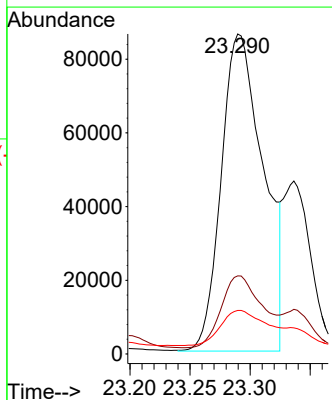
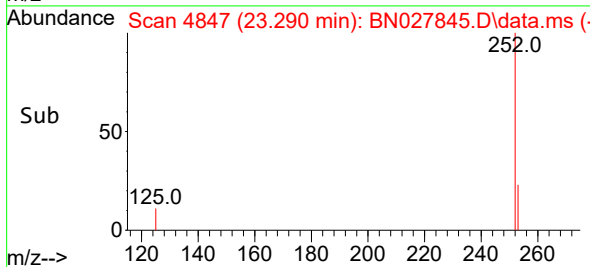
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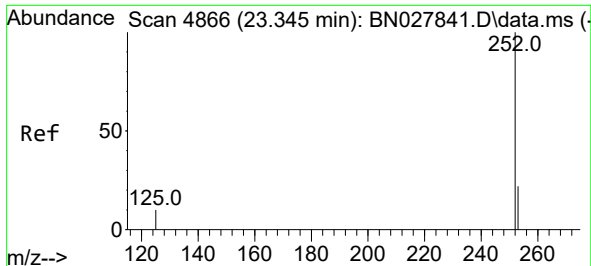


#24
Benzo(b)fluoranthene
Concen: 2.160 ng/ul m
RT: 23.290 min Scan# 4847
Delta R.T. -0.000 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18



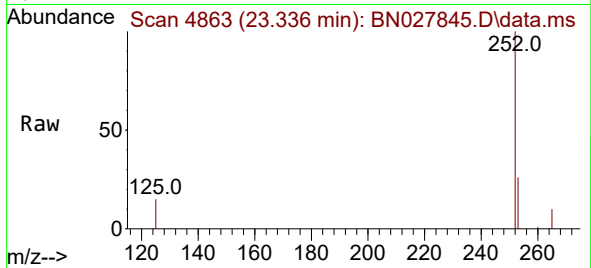
Tgt Ion:252 Resp: 210416
Ion Ratio Lower Upper
252 100
253 24.4 0.0 50.2
125 13.6 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.784 ng/ul m
RT: 23.336 min Scan# 4866
Delta R.T. -0.006 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18

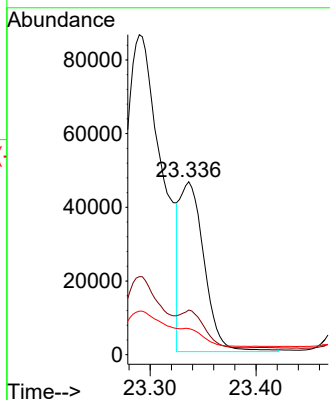
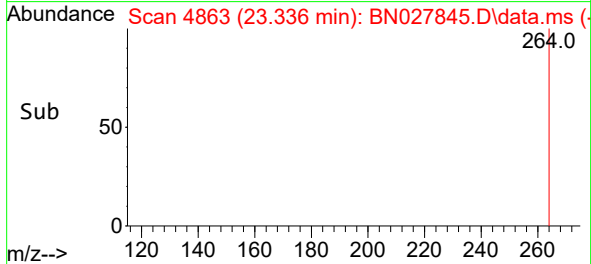
Instrument :
BNA_N
ClientSampleId :
EZY4DL



Tgt Ion:252 Resp: 74010
Ion Ratio Lower Upper
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125 15.1 12.6 19.0

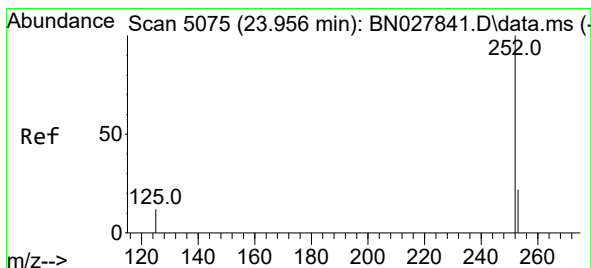
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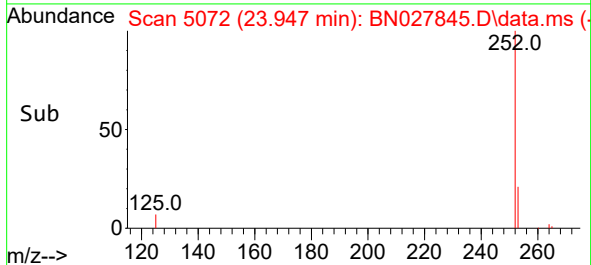
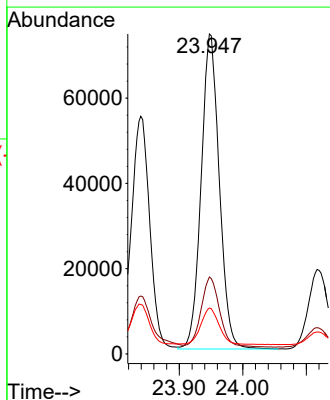
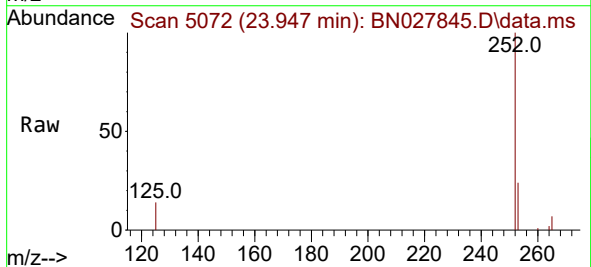
09/25/2023
Supervised By :mohammad
ahmed

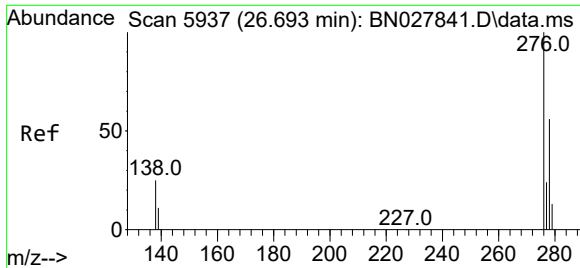
09/25/2023



#26
Benzo(a)pyrene
Concen: 1.871 ng/ul
RT: 23.947 min Scan# 5072
Delta R.T. -0.003 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18

Tgt Ion:252 Resp: 146570
Ion Ratio Lower Upper
252 100
253 24.0 21.9 32.9
125 14.3 15.5 23.3#





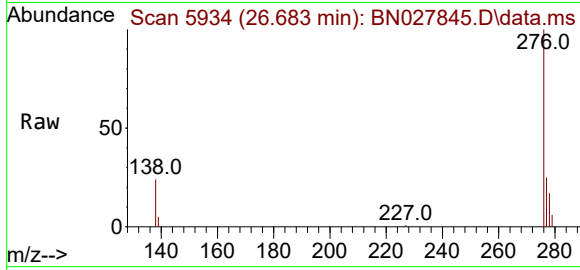
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.077 ng/ul
RT: 26.683 min Scan# 5934
Delta R.T. -0.000 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18

Instrument :

BNA_N

ClientSampleId :

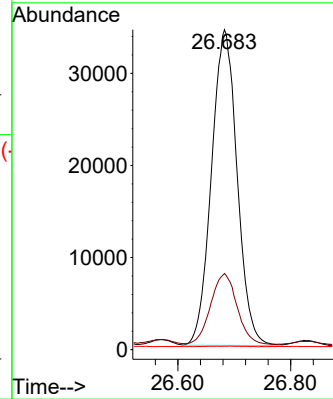
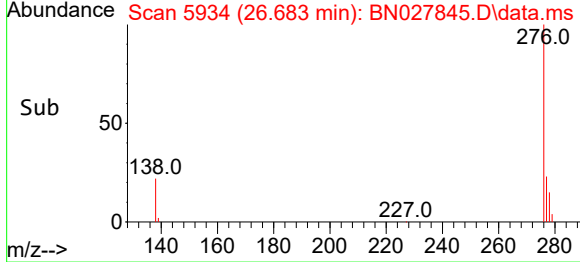
EZYL4DL



Tgt Ion:276 Resp: 10808
Ion Ratio Lower Upper
276 100
138 22.9 24.3 36.5#
227 0.0 0.0 0.0#

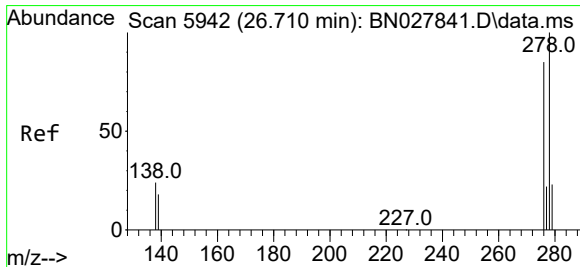
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

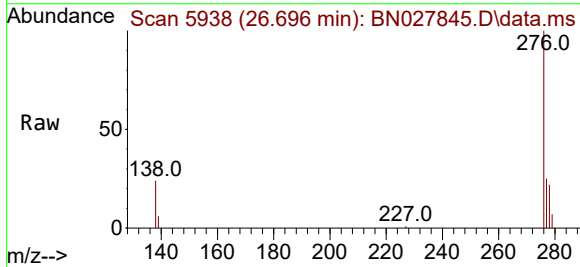


09/25/2023
Supervised By :mohammad
ahmed

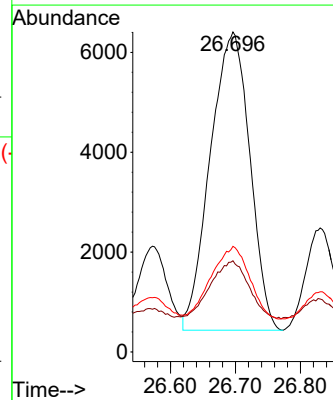
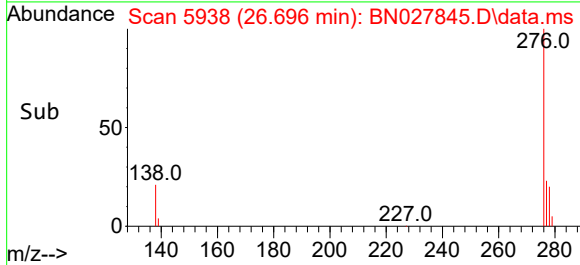
09/25/2023

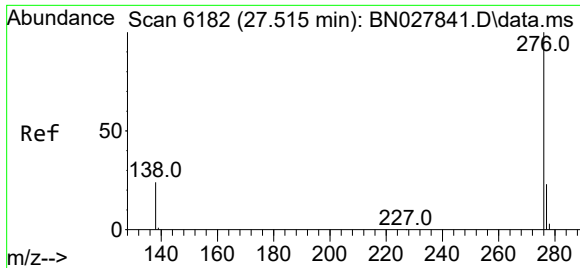


#28
Dibenzo(a,h)anthracene
Concen: 0.313 ng/ul
RT: 26.696 min Scan# 5938
Delta R.T. -0.010 min
Lab File: BN027845.D
Acq: 23 Sep 2023 04:18



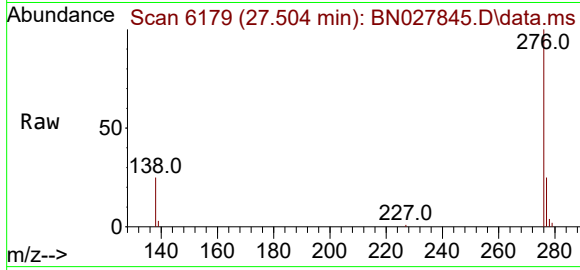
Tgt Ion:278 Resp: 25257
Ion Ratio Lower Upper
278 100
139 28.5 17.2 25.8#
279 33.0 21.4 32.0#





#29
 Benzo(g,h,i)perylene
 Concen: 1.353 ng/ul
 RT: 27.504 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN027845.D
 Acq: 23 Sep 2023 04:18

Instrument :
 BNA_N
 ClientSampleId :
 EZYL4DL

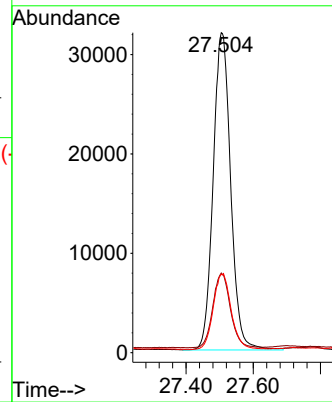
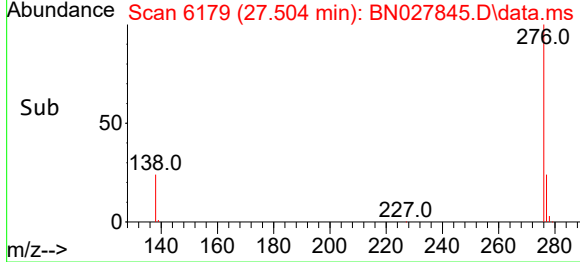


Tgt Ion: 276 Resp: 11536

Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.7	32.5
277	24.6	20.2	30.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



09/25/2023
 Supervised By :mohammad
 ahmed

09/25/2023