

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN12222\
 Data File : BN023340.D
 Acq On : 22 Dec 2022 15:37
 Operator : CG/JU
 Sample : N6003-23
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXV2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 22 23:53:47 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 22 02:28:40 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7241	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	23910	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	14287	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	33766	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	26929	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	22255	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	30961	3.935	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.405	152	9748	0.264	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	24566	0.252	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.865	128	3296	0.047	ng/ul#	92
7) 2-Methylnaphthalene	12.476	142	1654	0.037	ng/ul	92
8) 1-Methylnaphthalene	12.696	142	1203	0.026	ng/ul	97
10) Acenaphthylene	14.368	152	3775	0.060	ng/ul#	94
11) Acenaphthene	14.705	153	1612	0.030	ng/ul	97
12) Fluorene	15.695	166	1646	0.027	ng/ul#	97
15) Phenanthrene	17.432	178	42195	0.384	ng/ul	100
16) Anthracene	17.525	178	8995	0.099	ng/ul	96
19) Fluoranthene	19.448	202	123415	0.945	ng/ul	99
20) Pyrene	19.815	202	91919m	0.698	ng/ul	
21) Benzo(a)anthracene	21.563	228	59453	0.567	ng/ul	98
22) Chrysene	21.616	228	68769	0.645	ng/ul	97
24) Benzo(b)fluoranthene	23.279	252	88475m	0.769	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	30779m	0.285	ng/ul	
26) Benzo(a)pyrene	23.919	252	49390	0.542	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.580	276	34814	0.327	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.597	278	9145	0.111	ng/ul#	79
29) Benzo(g,h,i)perylene	27.369	276	26418	0.305	ng/ul	96

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

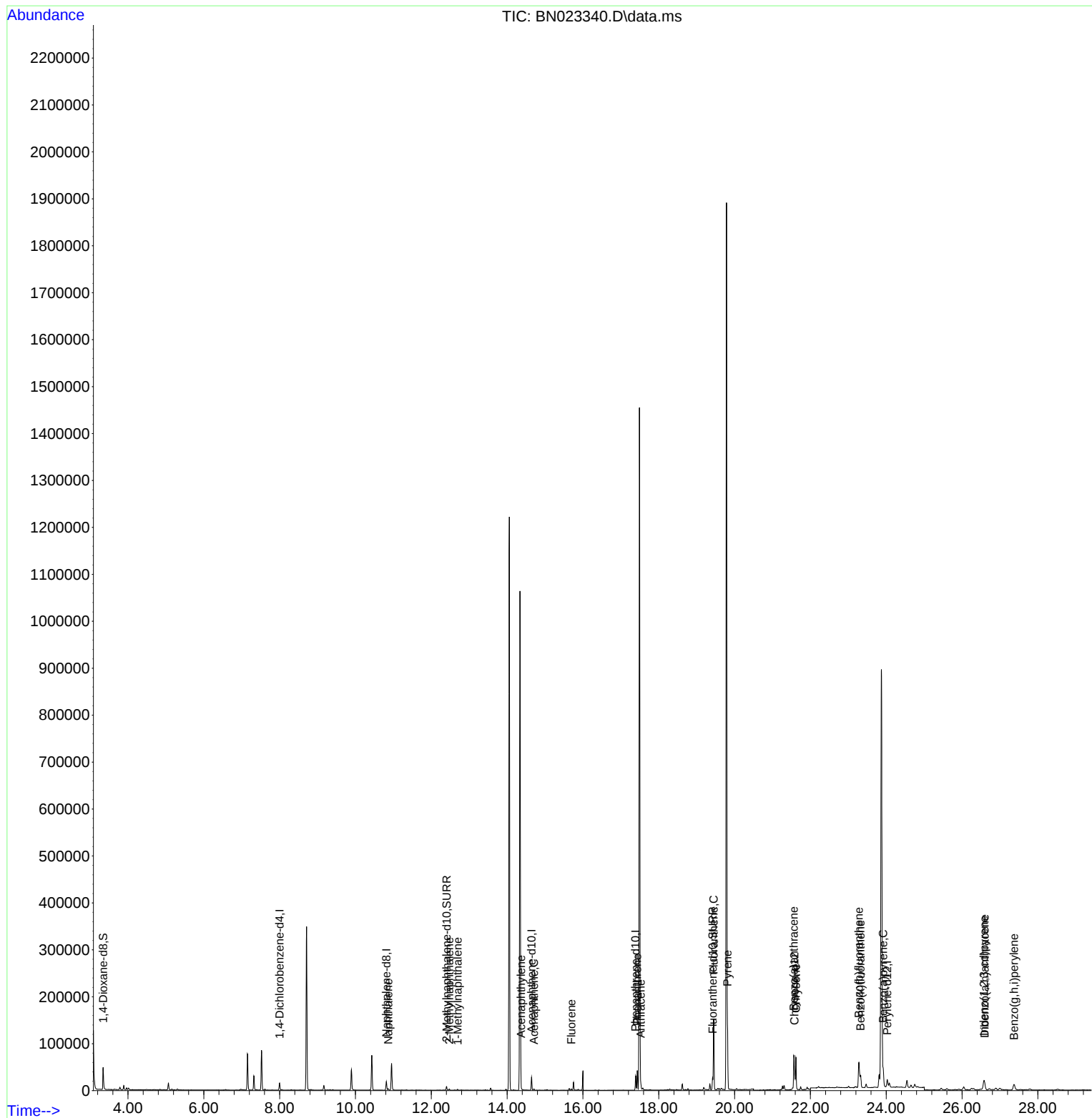
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Data File : BN023340.D
Acq On : 22 Dec 2022 15:37
Operator : CG/JU
Sample : N6003-23
Misc :
ALS Vial : 10 Sample Multiplier: 1

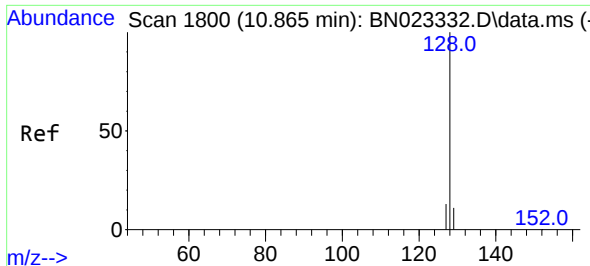
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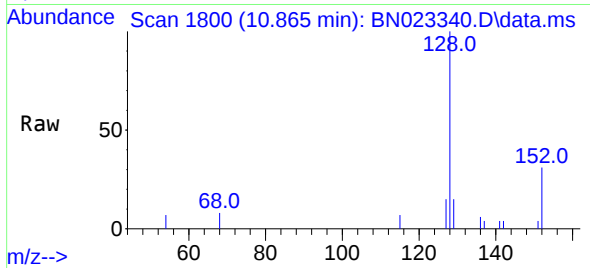
Quant Time: Dec 22 23:53:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

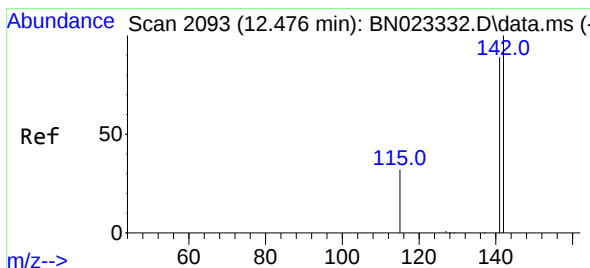
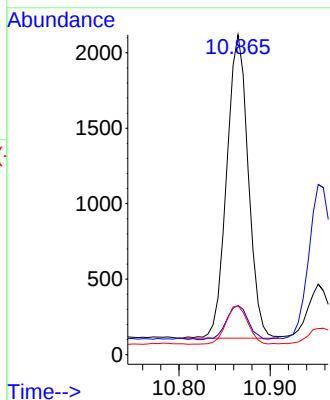
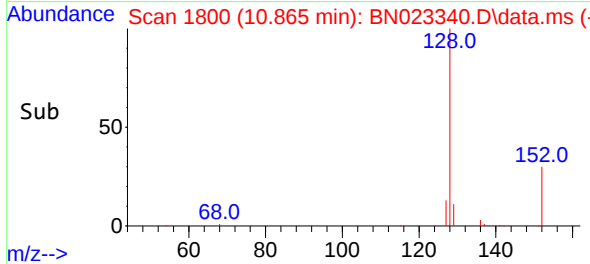
Instrument :
BNA_N
ClientSampleId :
DBXV2



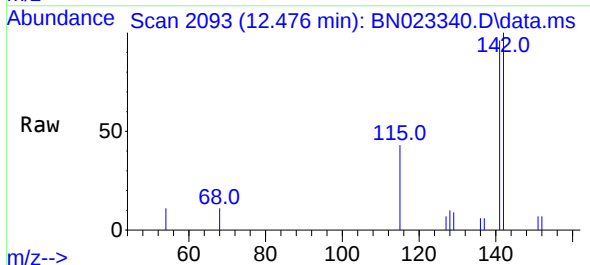
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Ion Ratio Lower Upper
128 100
129 15.4 9.0 13.4
127 15.3 10.7 16.1

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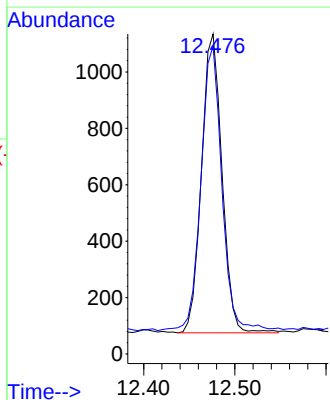
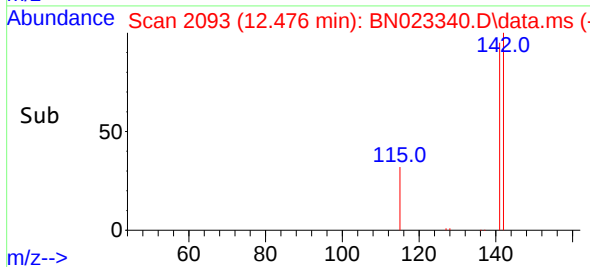
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

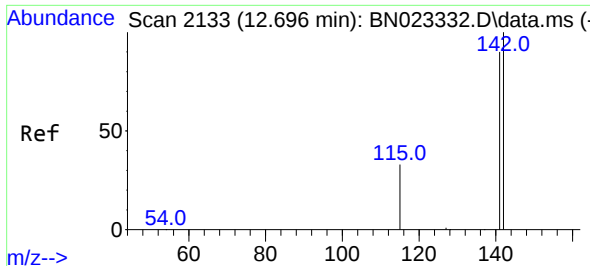


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37



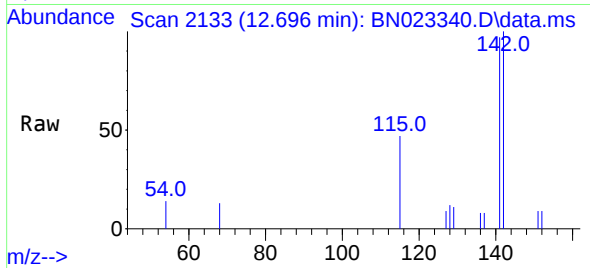
Tgt Ion:142 Resp: 1654
Ion Ratio Lower Upper
142 100
141 97.0 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

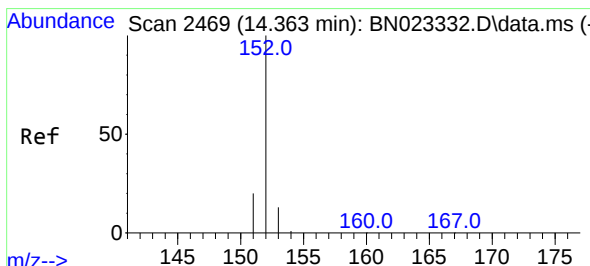
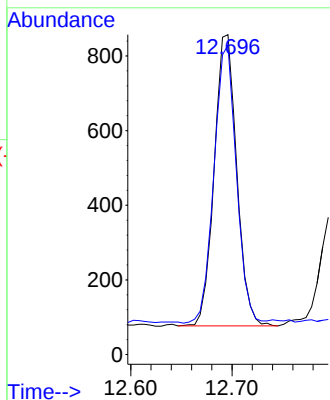
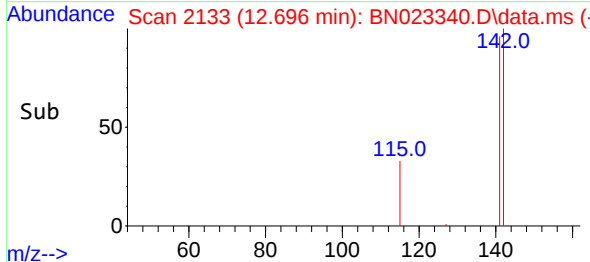
Instrument :
BNA_N
ClientSampleId :
DBXV2



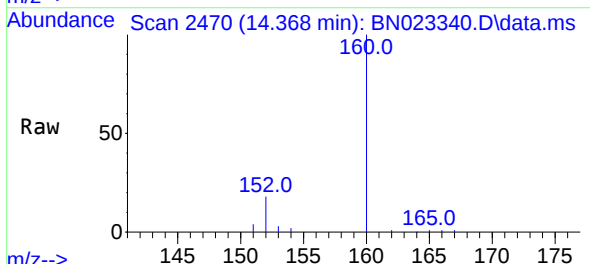
Tgt Ion:142 Resp: 120
Ion Ratio Lower Upper
142 100
141 95.2 74.0 111.0

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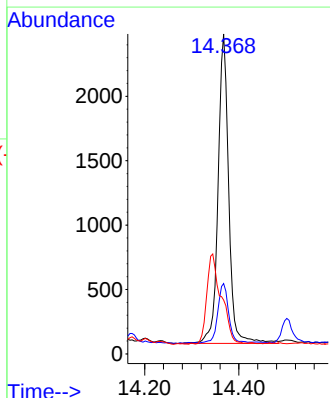
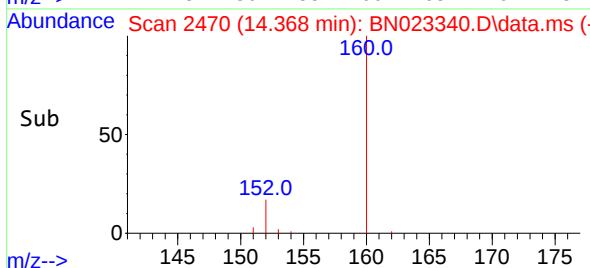
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Supervised By :mohammad ahmed 12/23/2022

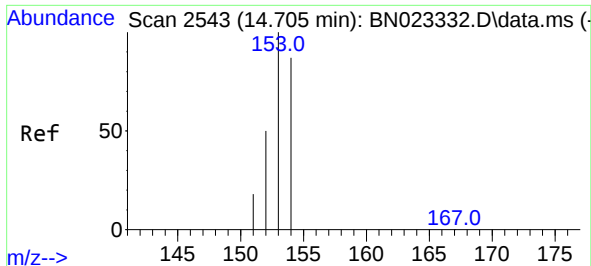


#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37



Tgt Ion:152 Resp: 3775
Ion Ratio Lower Upper
152 100
151 22.0 16.1 24.1
153 16.8 10.9 16.3#





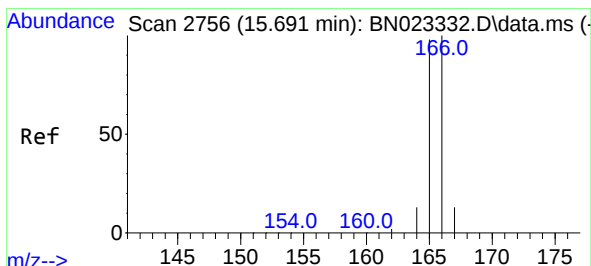
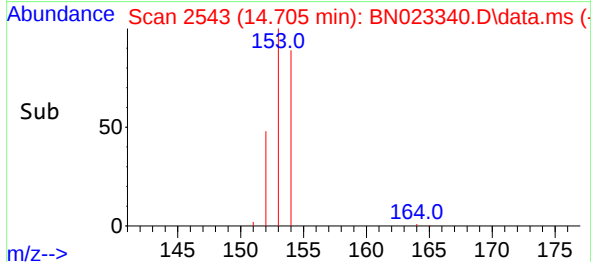
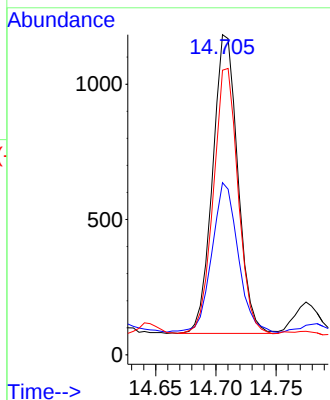
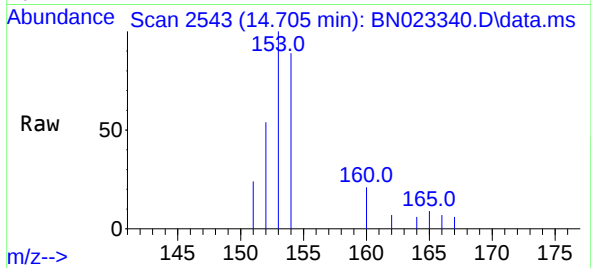
#11
Acenaphthene
Concen: 0.030 ng/u1
RT: 14.705 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

Instrument :
BNA_N
ClientSampleId :
DBXV2

Tgt Ion:153 Resp: 161
Ion Ratio Lower Upper
153 100
152 53.8 41.0 61.4
154 88.9 69.5 104.3

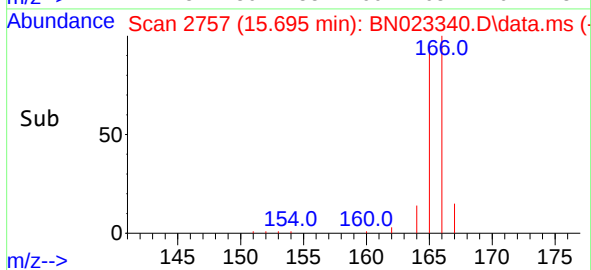
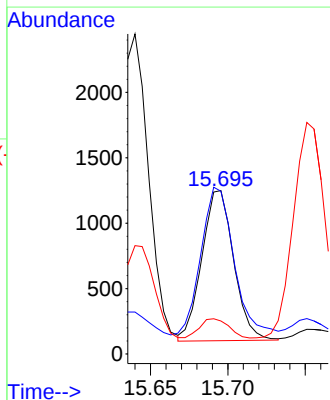
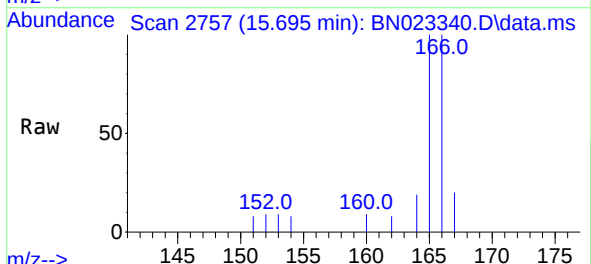
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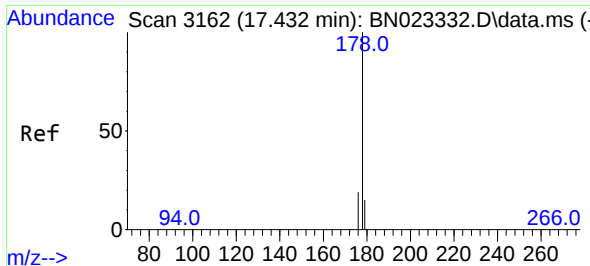
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#12
Fluorene
Concen: 0.027 ng/u1
RT: 15.695 min Scan# 2757
Delta R.T. 0.004 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

Tgt Ion:166 Resp: 1646
Ion Ratio Lower Upper
166 100
165 99.5 79.1 118.7
167 20.2 11.0 16.4#





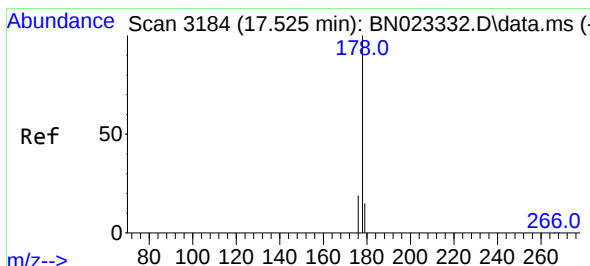
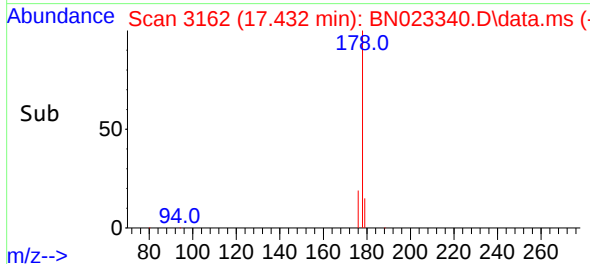
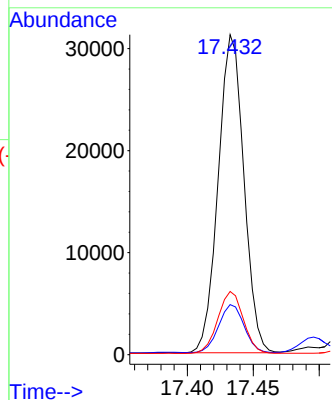
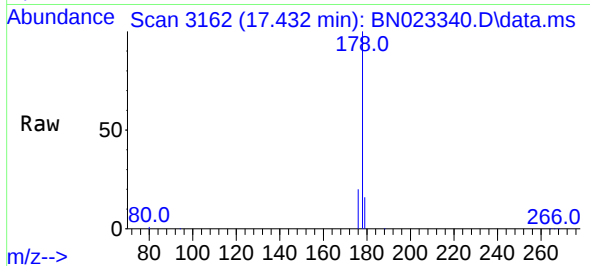
#15
Phenanthrene
Concen: 0.384 ng/u1
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

Instrument :
BNA_N
ClientSampleId :
DBXV2

Tgt Ion:178 Resp: 42195
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.8 15.7 23.5

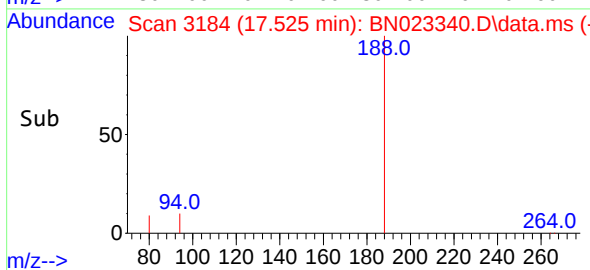
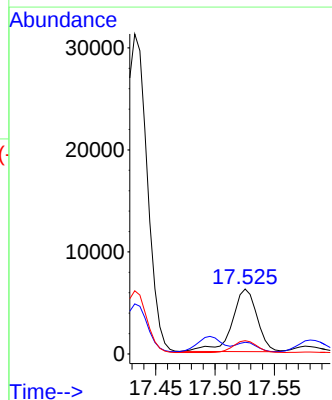
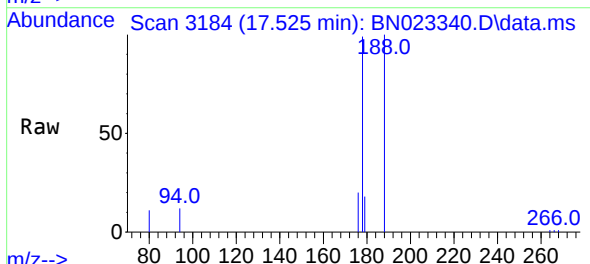
Manual Integrations
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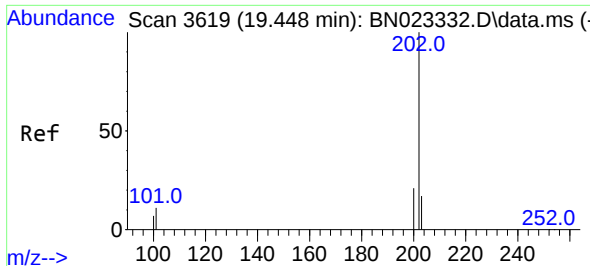
Reviewed By :Jagrut Upadhyay 12/23/2022
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#16
Anthracene
Concen: 0.099 ng/u1
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

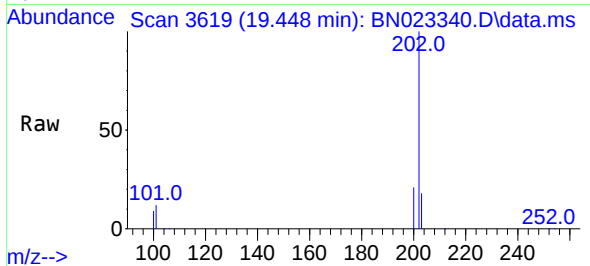
Tgt Ion:178 Resp: 8995
Ion Ratio Lower Upper
178 100
179 17.9 12.6 18.8
176 20.5 15.4 23.0





#19
Fluoranthene
Concen: 0.945 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

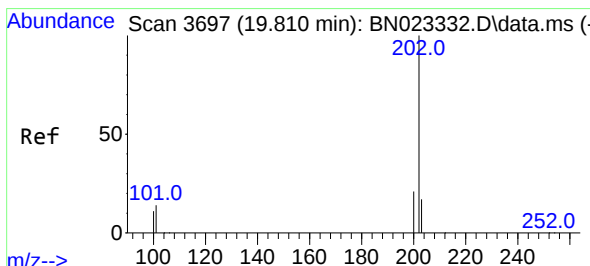
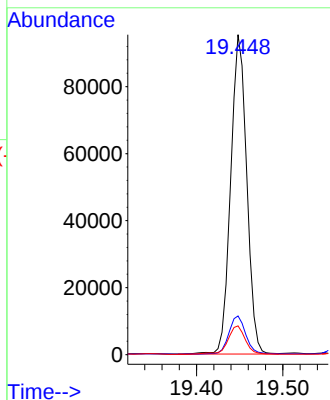
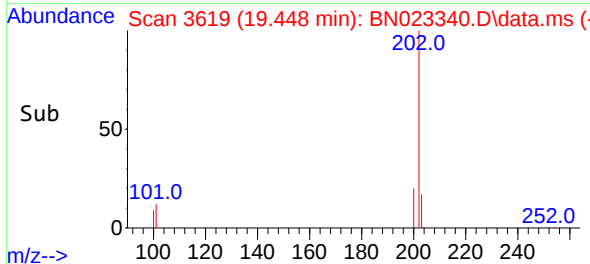
Instrument :
BNA_N
ClientSampleId :
DBXV2



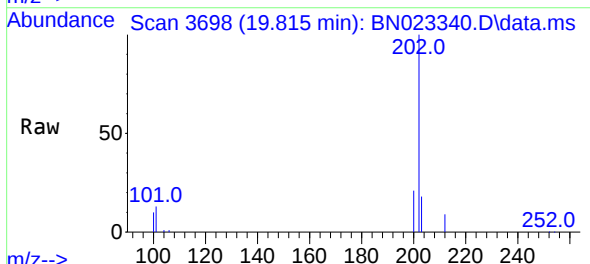
Tgt Ion:202 Resp: 123415
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.2
100 9.0 7.0 10.6

Manual Integrations
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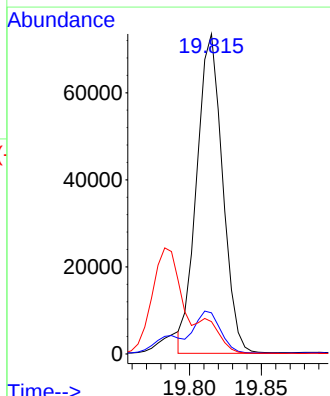
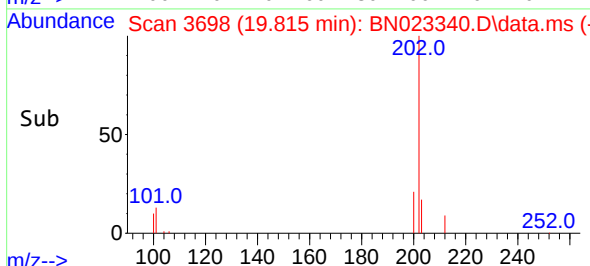
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Supervised By :mohammad ahmed 12/23/2022

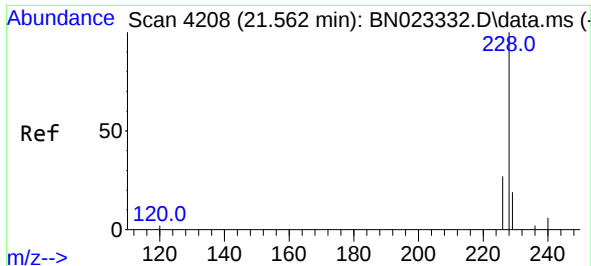


#20
Pyrene
Concen: 0.698 ng/ul m
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37



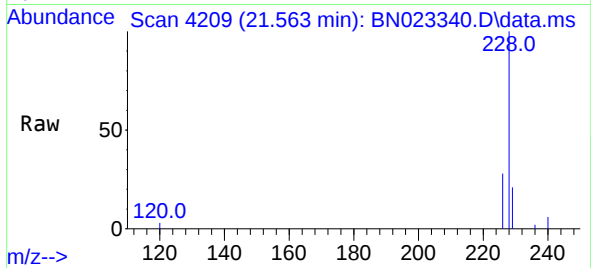
Tgt Ion:202 Resp: 91919
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 10.1 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.567 ng/u1
RT: 21.563 min Scan# 4208
Delta R.T. 0.002 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

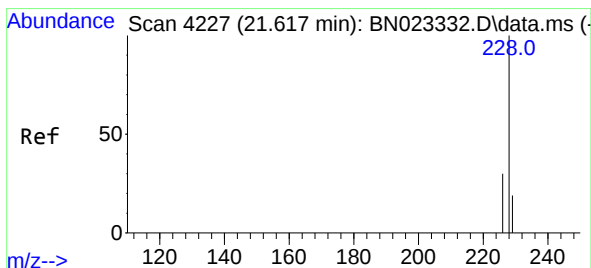
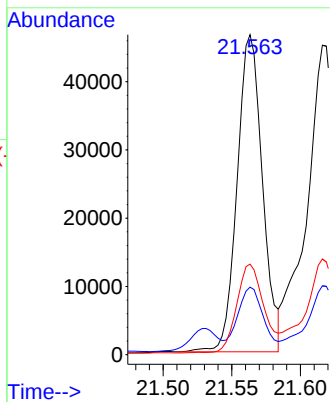
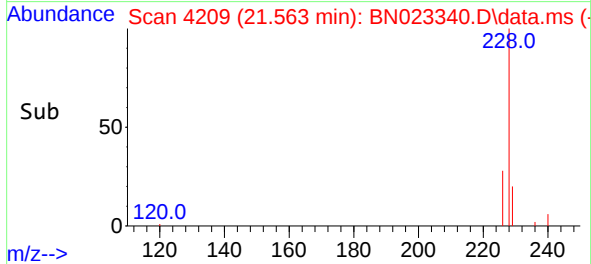
Instrument :
BNA_N
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DBXV2



Tgt Ion:228 Resp: 5945
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 28.3 22.2 33.2

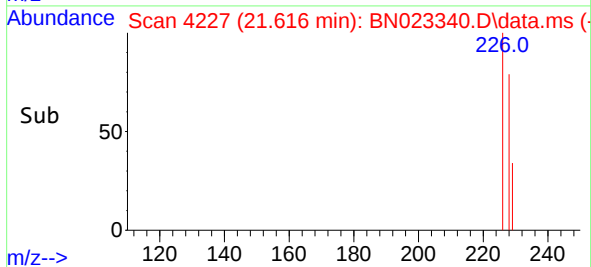
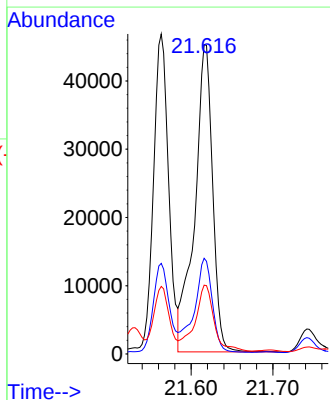
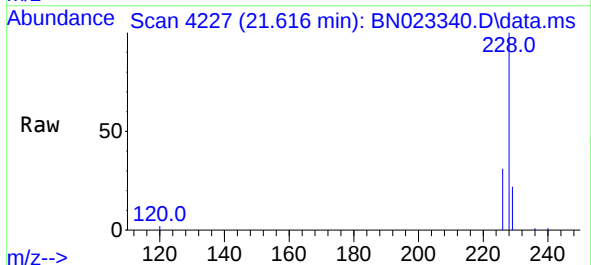
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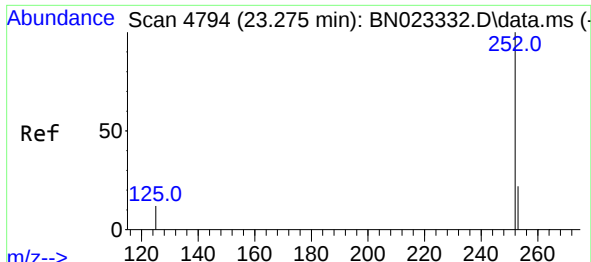
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#22
Chrysene
Concen: 0.645 ng/u1
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

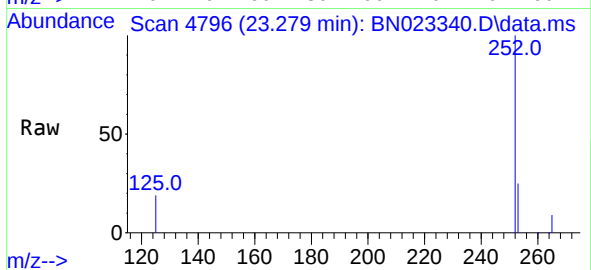
Tgt Ion:228 Resp: 68769
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.769 ng/ul m
RT: 23.279 min Scan# 4794
Delta R.T. 0.005 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

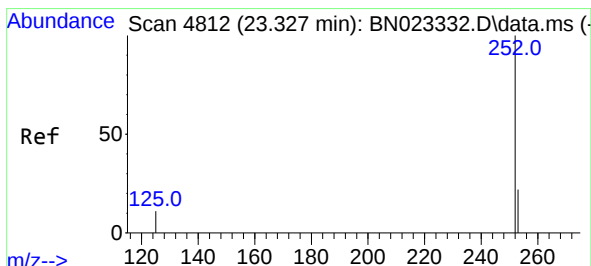
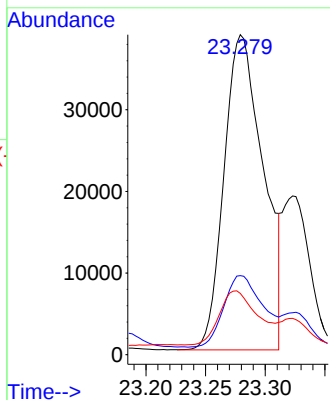
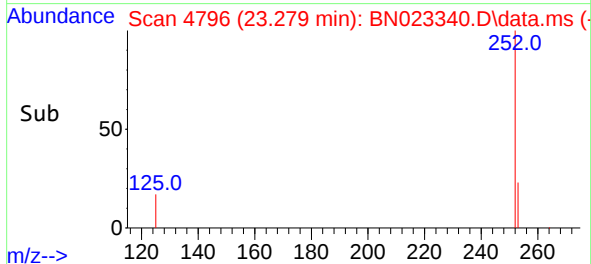
Instrument :
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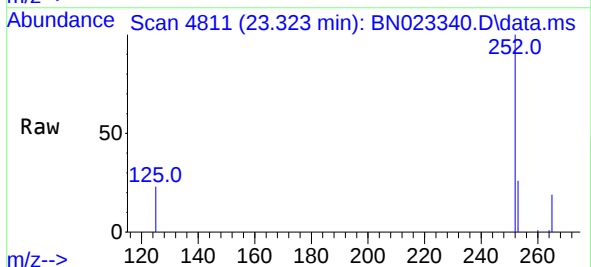
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Ion Ratio Lower Upper
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125 19.1 0.0 31.8

Manual Integrations
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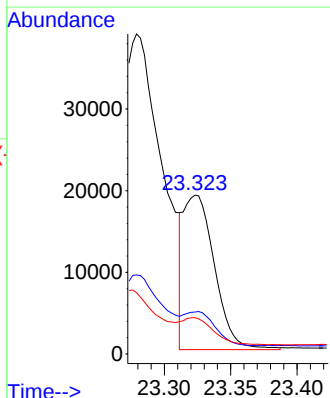
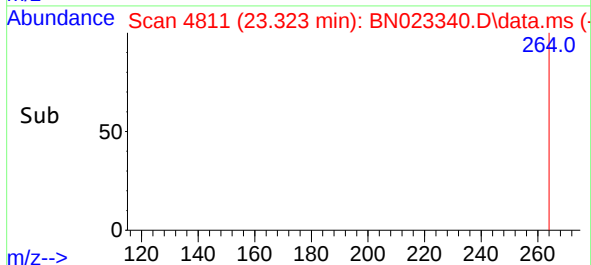
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

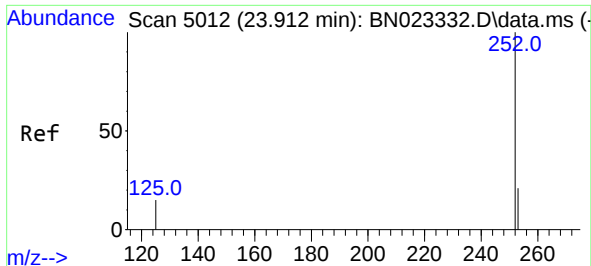


#25
Benzo(k)fluoranthene
Concen: 0.285 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37



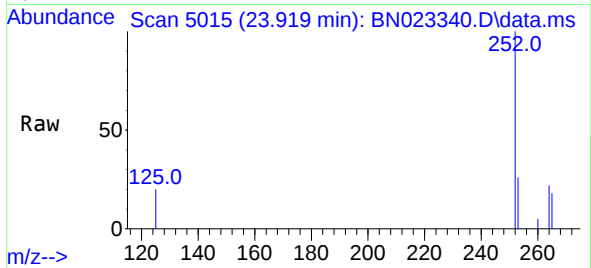
Tgt Ion:252 Resp: 30779
Ion Ratio Lower Upper
252 100
253 26.4 19.8 29.6
125 22.9 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.542 ng/u1
RT: 23.919 min Scan# 5012
Delta R.T. 0.005 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

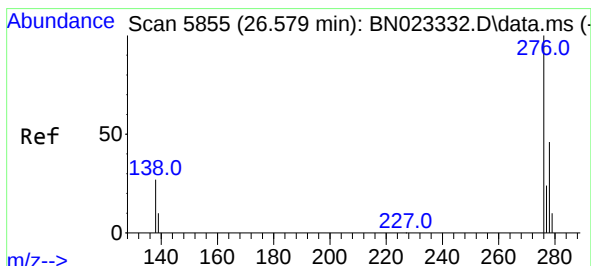
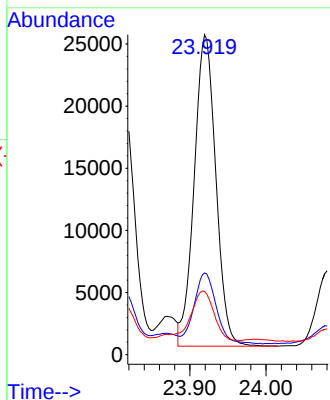
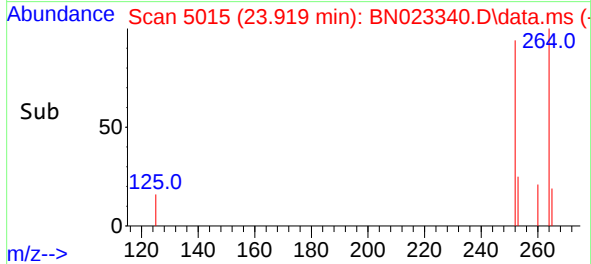
Instrument :
BNA_N
ClientSampleId :
DBXV2



Tgt Ion:252 Resp: 49390
Ion Ratio Lower Upper
252 100
253 25.5 21.4 32.2
125 19.8 16.2 24.4

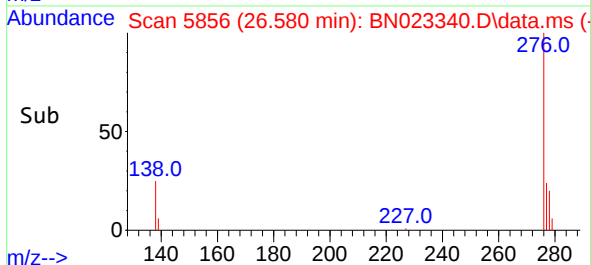
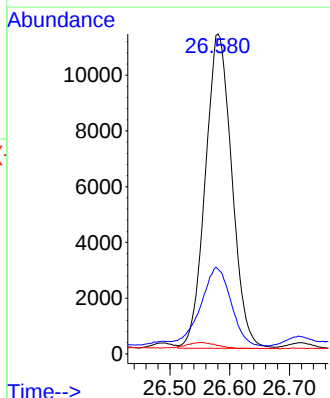
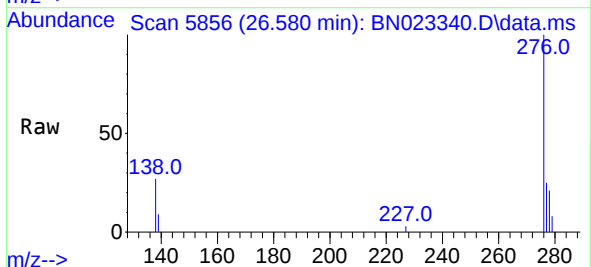
Manual Integrations
APPROVED

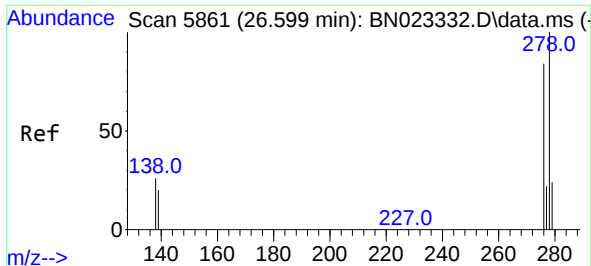
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/u1
RT: 26.580 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

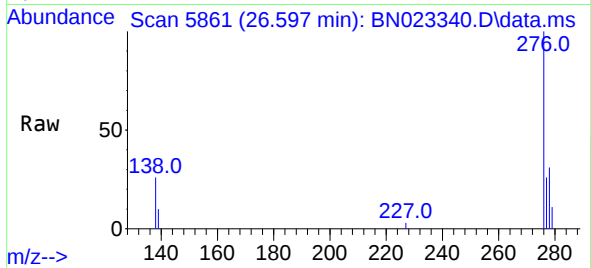
Tgt Ion:276 Resp: 34814
Ion Ratio Lower Upper
276 100
138 28.6 23.4 35.2
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 26.597 min Scan# 5861
Delta R.T. -0.004 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37

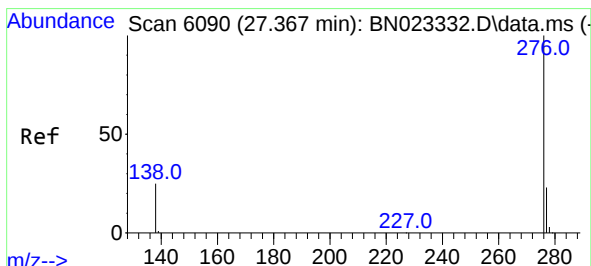
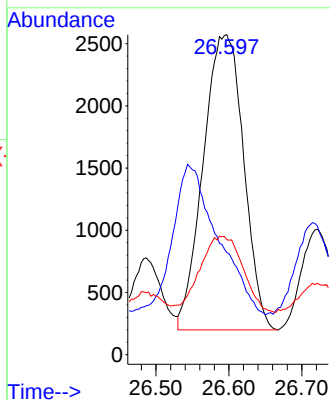
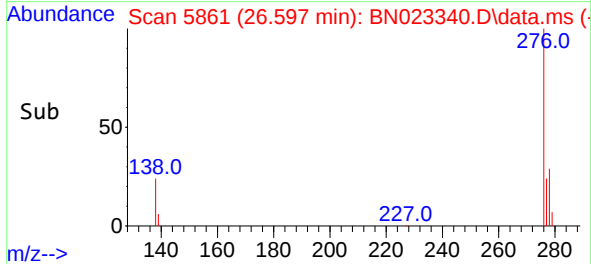
Instrument :
BNA_N
ClientSampleId :
DBXV2



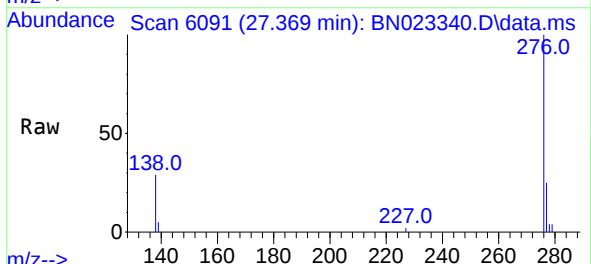
Tgt Ion: 278 Resp: 914
Ion Ratio Lower Upper
278 100
139 31.9 16.6 24.8
279 35.9 21.3 31.9

Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 12/23/2022
Supervised By : mohammad ahmed 12/23/2022



#29
Benzo(g,h,i)perylene
Concen: 0.305 ng/ul
RT: 27.369 min Scan# 6091
Delta R.T. -0.001 min
Lab File: BN023340.D
Acq: 22 Dec 2022 15:37



Tgt Ion: 276 Resp: 26418
Ion Ratio Lower Upper
276 100
138 28.7 20.3 30.5
277 24.8 19.7 29.5

